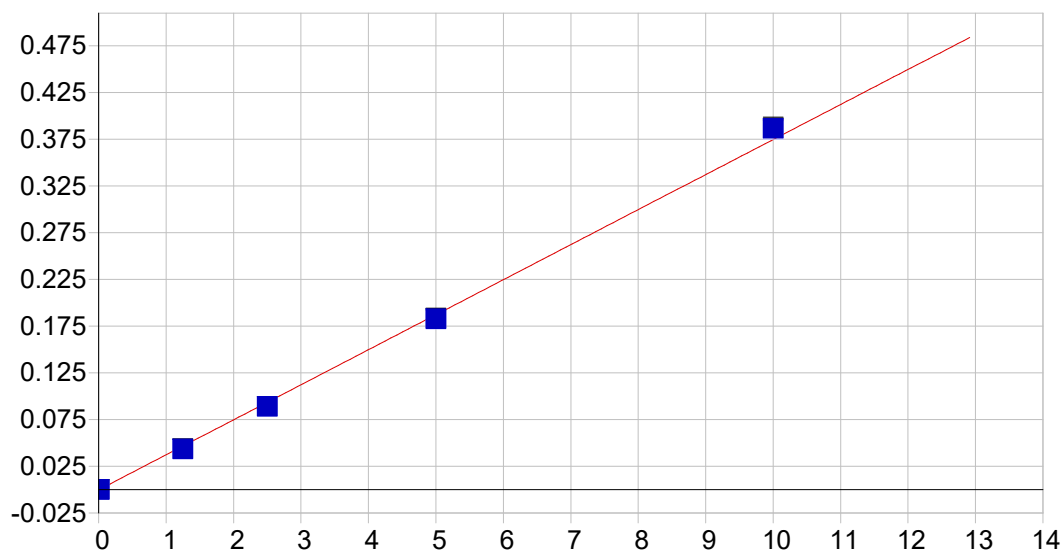


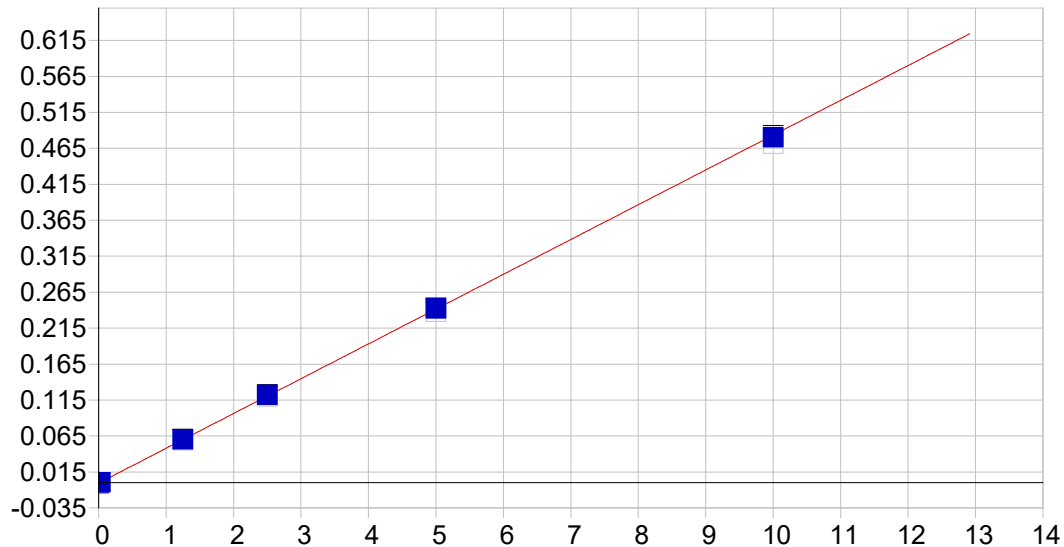


As 189.042 {479}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000260 Re-Slope: 1.000000
 A1 (Gain): 0.037496 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999337 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.003874
 Predicted MQL: 0.012912

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.01000	.00989	-.000	-1.12	.00011	.000	1
S2	1.2500	1.1647	-.085	-6.82	.04324	.000	1
S3	2.5000	2.3796	-.120	-4.82	.08863	.000	1
S4	5.0000	4.8835	-.117	-2.33	.18218	.001	1
S5	10.000	10.322	.322	3.22	.38545	.001	1

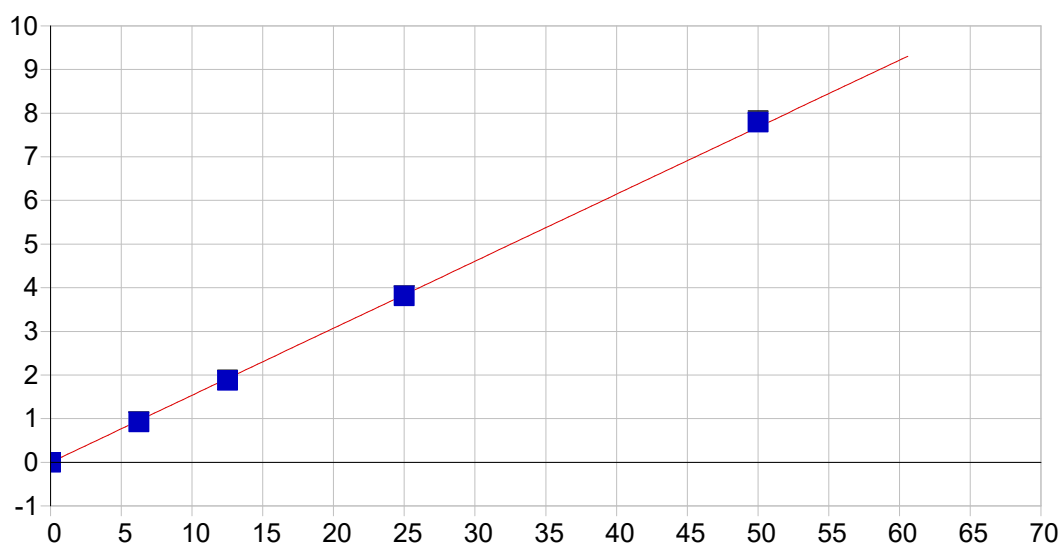


TI 190.856 {477}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000526 Re-Slope: 1.000000
 A1 (Gain): 0.048384 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.002461
 Predicted MQL: 0.008202

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00053	.000	1
S1	.02500	.02736	.002	9.45	.00075	.000	1
S2	1.2500	1.2544	.004	.353	.05905	.000	1
S3	2.5000	2.5349	.035	1.40	.11989	.001	1
S4	5.0000	5.0191	.019	.383	.23786	.001	1
S5	10.000	9.9393	-.061	-.607	.47146	.003	1

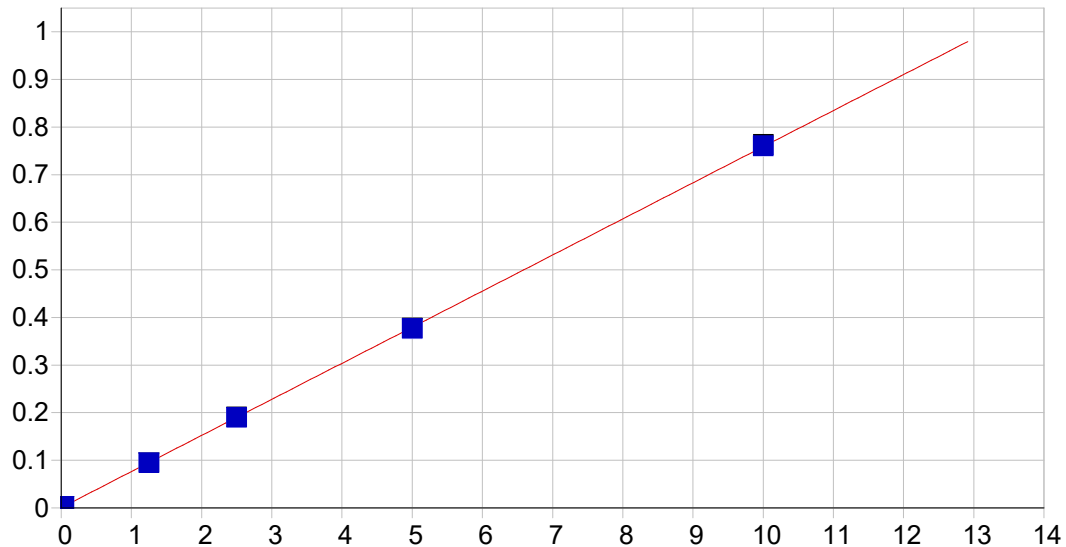


Pb 220.353 {453}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000271	Re-Slope:	1.000000
A1 (Gain):	0.153584	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999846	Status:	OK.
Std Error of Est:	0.000101		
Predicted MDL:	0.001815		
Predicted MQL:	0.006050		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00027	.000	1
S1	.01000	.00938	-.001	-6.19	.00117	.000	1
S2	6.2500	6.0009	-.249	-3.99	.92128	.004	1
S3	12.500	12.210	-.290	-2.32	1.8749	.005	1
S4	25.000	24.805	-.195	-.780	3.8090	.009	1
S5	50.000	50.734	.734	1.47	7.7909	.030	1

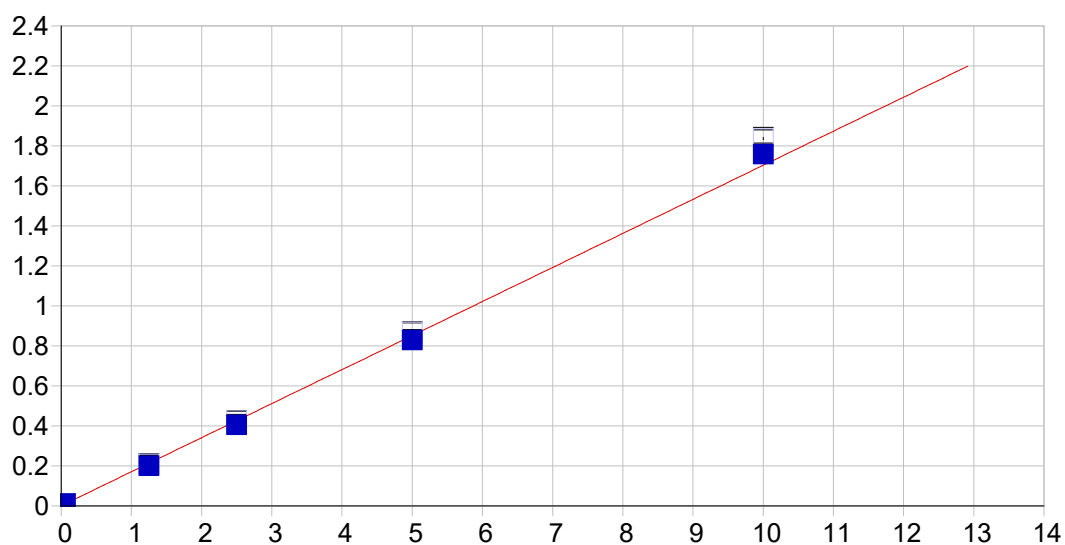


Se 196.090 {472}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000531 Re-Slope: 1.000000
 A1 (Gain): 0.075821 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002935
 Predicted MQL: 0.009785

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00053	.000	1
S1	.03500	.03971	.005	13.5	.00354	.000	1
S2	1.2500	1.2441	-.006	-.468	.09461	.000	1
S3	2.5000	2.5031	.003	.125	.18982	.001	1
S4	5.0000	4.9662	-.034	-.676	.37608	.001	1
S5	10.000	10.032	.032	.318	.75916	.002	1

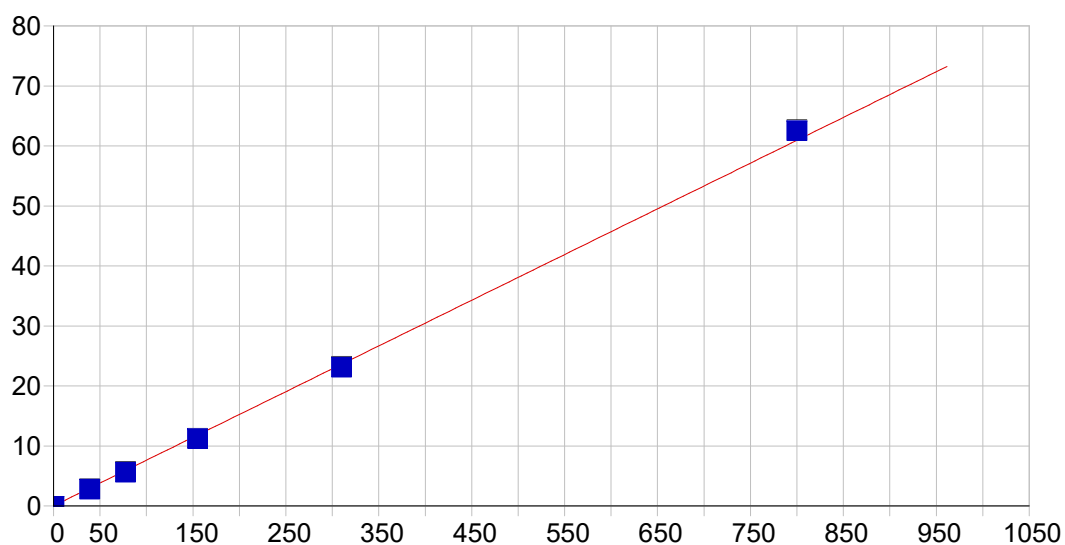


Sb 206.833 {463}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000583	Re-Slope:	1.000000
A1 (Gain):	0.170236	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999384	Status:	OK.
Std Error of Est:	0.000257		
Predicted MDL:	0.001648		
Predicted MQL:	0.005493		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00058	.000	1
S1	.06000	.06639	.006	10.6	.01189	.000	1
S2	1.2500	1.1744	-.076	-6.05	.21030	.001	1
S3	2.5000	2.3776	-.122	-4.89	.42494	.002	1
S4	5.0000	4.8666	-.133	-2.67	.86824	.003	1
S5	10.000	10.325	.325	3.25	1.8367	.007	1

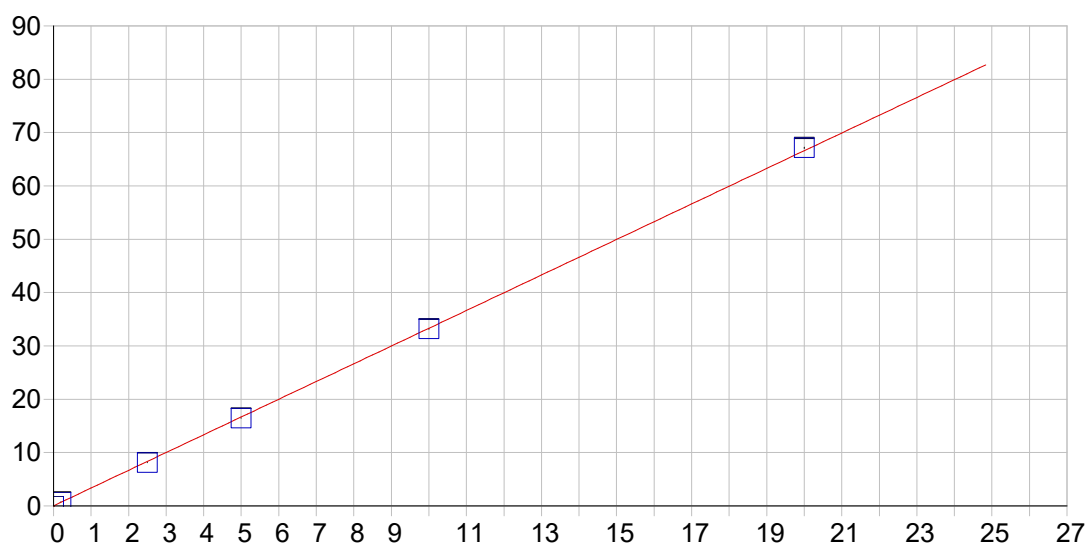


AI 396.152 { 85}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003276 Re-Slope: 1.000000
 A1 (Gain): 0.076166 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999474 Status: OK.
 Std Error of Est: 0.001538
 Predicted MDL: 0.014990
 Predicted MQL: 0.049968

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00328	.000	1
S1	.20000	.21246	.012	6.23	.01972	.001	1
S2	38.750	36.313	-2.44	-6.29	2.7750	.006	1
S3	77.500	73.627	-3.87	-5.00	5.6229	.028	1
S4	155.00	146.89	-8.11	-5.23	11.215	.046	1
S5	310.00	303.49	-6.51	-2.10	23.166	.075	1
S6	800.00	820.95	20.9	2.62	62.570	.099	1

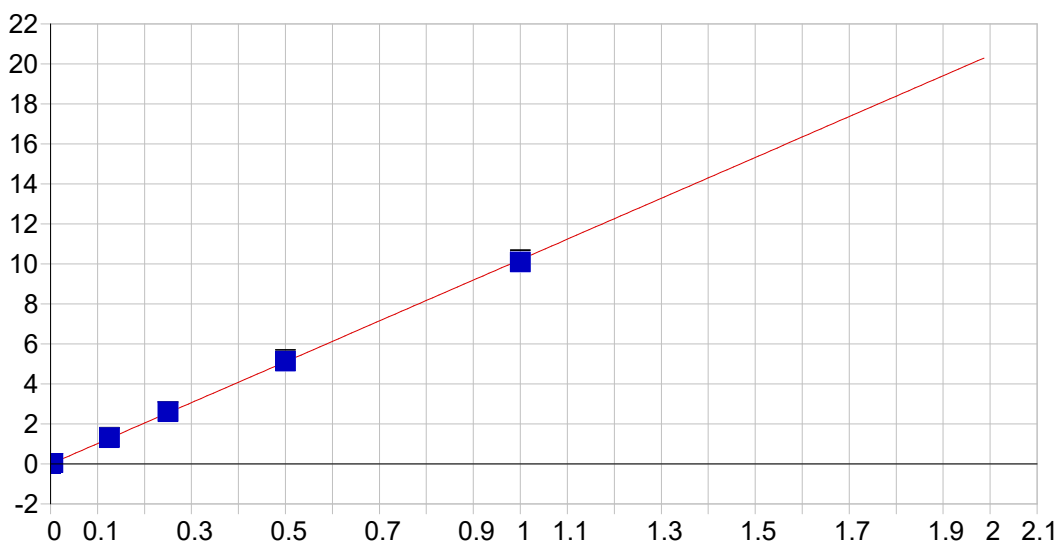


Ba 493.409 { 68}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.023889	Re-Slope:	1.000000
A1 (Gain):	3.328812	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999923	Status:	OK.
Std Error of Est:	0.004398		
Predicted MDL:	0.001031		
Predicted MQL:	0.003437		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02386	.000	1
S1	.20000	.21710	.017	8.55	.74658	.005	1
S2	2.5000	2.4267	-.073	-2.93	8.1019	.031	1
S3	5.0000	4.9394	-.061	-1.21	16.466	.040	1
S4	10.000	9.9562	-.044	-.438	33.166	.045	1
S5	20.000	20.161	.161	.803	67.135	.112	1

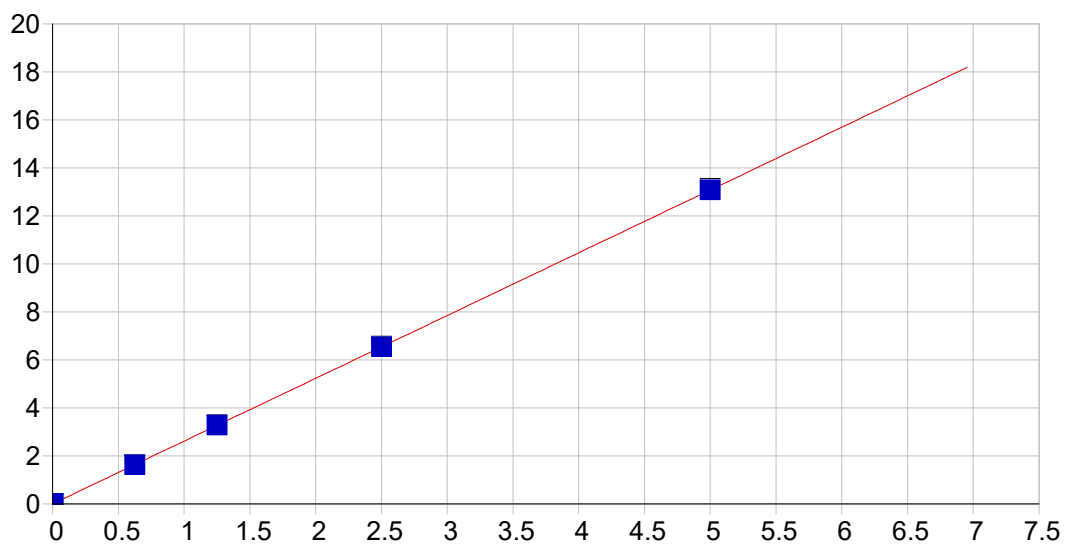


Be 234.861 {144}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002932	Re-Slope:	1.000000
A1 (Gain):	10.217196	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999900	Status:	OK.
Std Error of Est:	0.000541		
Predicted MDL:	0.000063		
Predicted MQL:	0.000211		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00294	.001	1
S1	.00500	.00545	.000	8.91	.05267	.001	1
S2	.12500	.12832	.003	2.66	1.3039	.023	1
S3	.25000	.25506	.005	2.02	2.5945	.017	1
S4	.50000	.50261	.003	.521	5.1153	.089	1
S5	1.0000	.98857	-.011	-1.14	10.064	.104	1

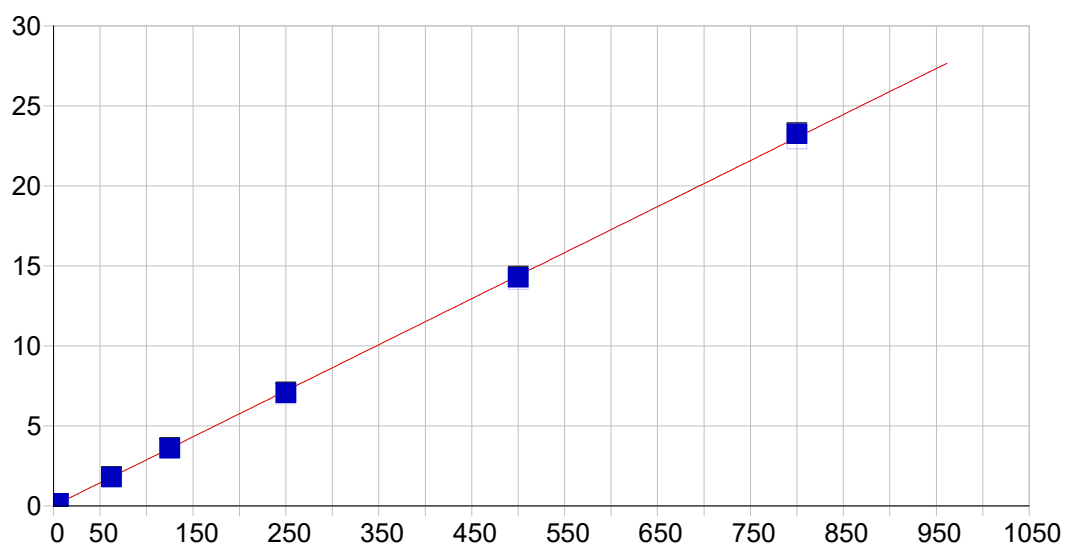


Cd 214.438 {457}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000360	Re-Slope:	1.000000
A1 (Gain):	2.615788	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000075		
Predicted MDL:	0.000083		
Predicted MQL:	0.000278		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00036	.000	1
S1	.00500	.00559	.001	11.9	.01500	.000	1
S2	.62500	.62014	-.005	-.777	1.6250	.005	1
S3	1.2500	1.2514	.001	.109	3.2787	.009	1
S4	2.5000	2.5008	.001	.032	6.5520	.025	1
S5	5.0000	5.0021	.002	.042	13.105	.042	1

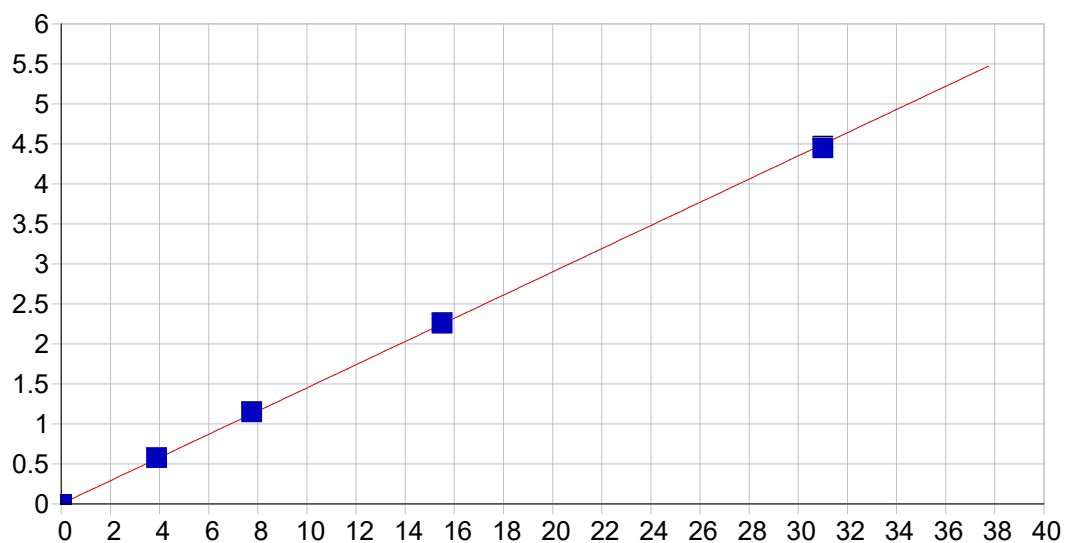


Ca 373.690 { 90}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001984 Re-Slope: 1.000000
 A1 (Gain): 0.028774 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.001283
 Predicted MDL: 0.028161
 Predicted MQL: 0.093871

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00052	-.001	.000	.00197	.001	1
S1	5.0000	5.5975	.597	11.9	.16301	.002	1
S2	62.500	62.425	-.075	-.119	1.7821	.014	1
S3	125.00	125.37	.370	.296	3.5772	.029	1
S4	250.00	245.01	-4.99	-2.00	6.9877	.066	1
S5	500.00	496.07	-3.93	-.785	14.147	.079	1
S6	800.00	808.06	8.06	1.01	22.910	.061	1

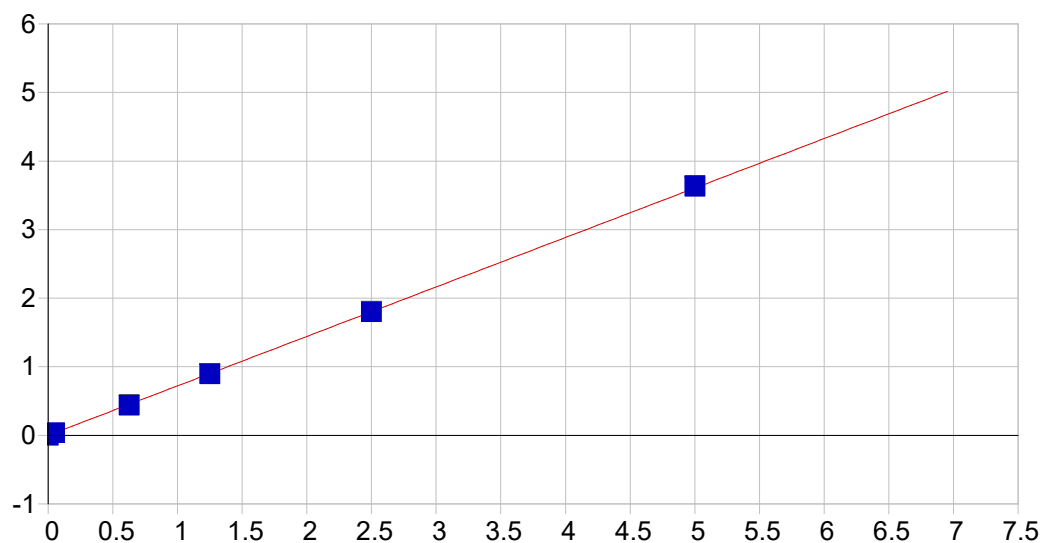


Cr 267.716 {126}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000054 Re-Slope: 1.000000
 A1 (Gain): 0.145008 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.000567
 Predicted MQL: 0.001889

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00005	.000	1
S1	.01000	.01237	.002	23.7	.00185	.000	1
S2	3.8750	3.9731	.098	2.53	.57688	.001	1
S3	7.7500	7.9171	.167	2.16	1.1495	.003	1
S4	15.500	15.552	.052	.336	2.2580	.012	1
S5	31.000	30.680	-.320	-1.03	4.4545	.017	1

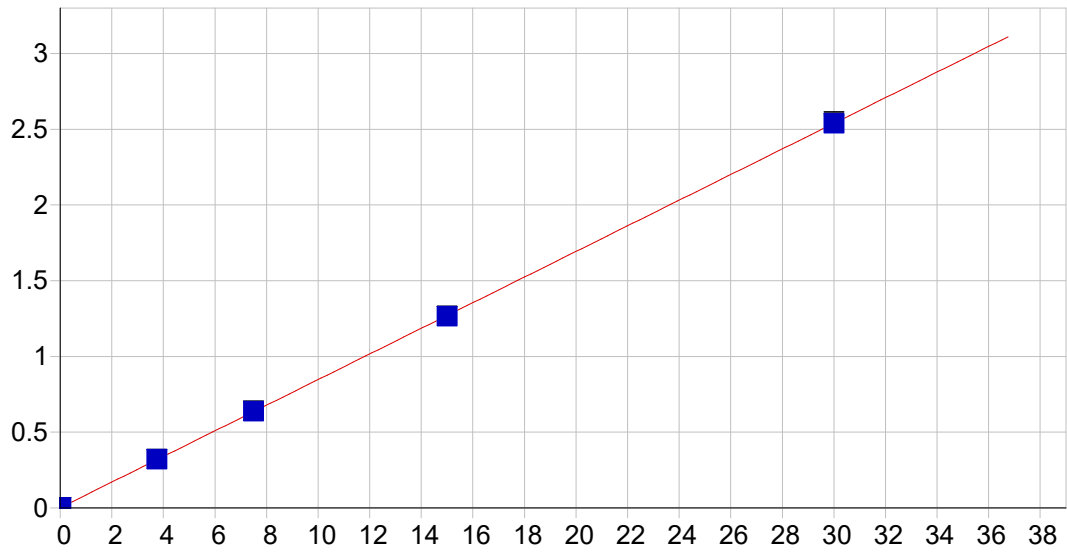


Co 228.616 {448}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000188	Re-Slope:	1.000000
A1 (Gain):	0.721253	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999953	Status:	OK.
Std Error of Est:	0.000186		
Predicted MDL:	0.000296		
Predicted MQL:	0.000986		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00019	.000	1
S1	.05000	.05272	.003	5.44	.03834	.000	1
S2	.62500	.60799	-.017	-2.72	.43942	.002	1
S3	1.2500	1.2398	-.010	-.816	.89583	.003	1
S4	2.5000	2.4945	-.006	-.221	1.8022	.005	1
S5	5.0000	5.0300	.030	.600	3.6338	.011	1

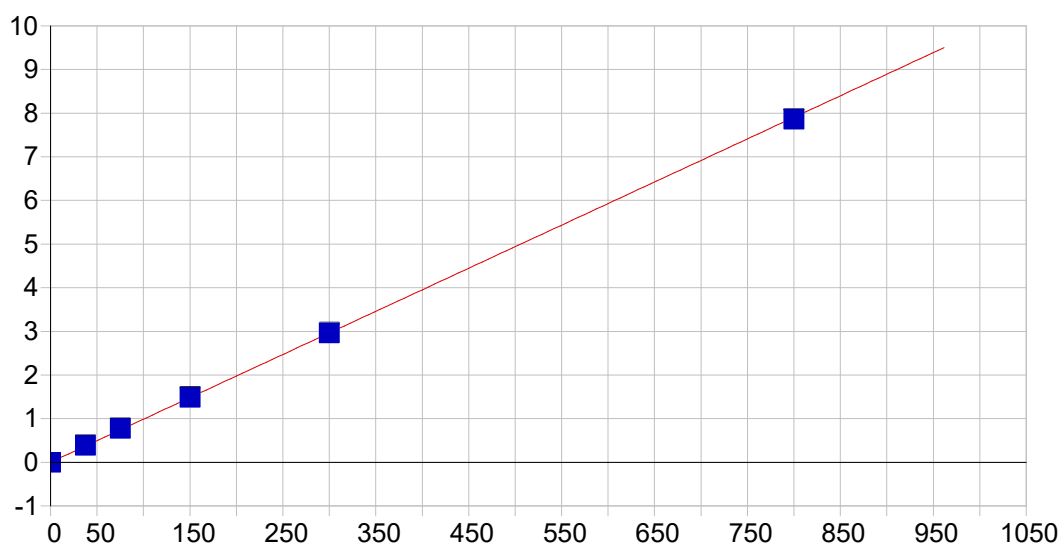


Cu 324.754 {104}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001334	Re-Slope:	1.000000
A1 (Gain):	0.084590	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	0.005922		
Predicted MQL:	0.019741		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00133	.000	1
S1	.02500	.02682	.002	7.27	.00360	.001	1
S2	3.7500	3.7721	.022	.588	.32018	.001	1
S3	7.5000	7.5302	.030	.403	.63784	.003	1
S4	15.000	14.943	-.057	-.383	1.2644	.001	1
S5	30.000	30.003	.003	.011	2.5374	.011	1

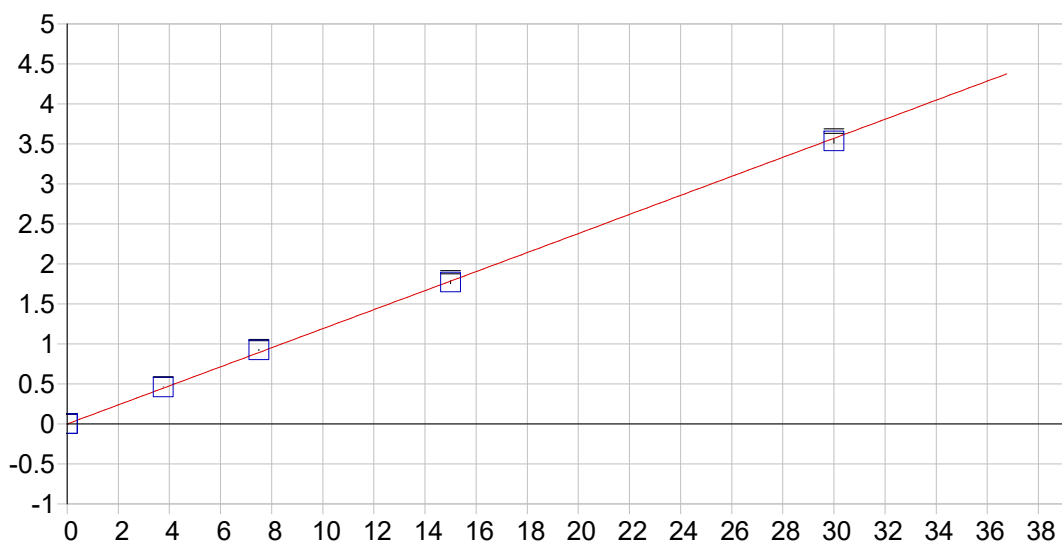


Fe 259.837 {130}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000002	Re-Slope:	1.000000
A1 (Gain):	0.009881	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999904	Status:	OK.
Std Error of Est:	0.000060		
Predicted MDL:	0.028051		
Predicted MQL:	0.093502		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	-.00000	.000	1
S1	.10000	.12865	.029	28.7	.00131	.000	1
S2	37.500	39.242	1.74	4.65	.38854	.003	1
S3	75.000	78.301	3.30	4.40	.77527	.006	1
S4	150.00	150.24	.238	.159	1.4876	.011	1
S5	300.00	299.40	-.605	-.202	2.9646	.017	1
S6	800.00	795.29	-4.71	-.589	7.8686	.006	1

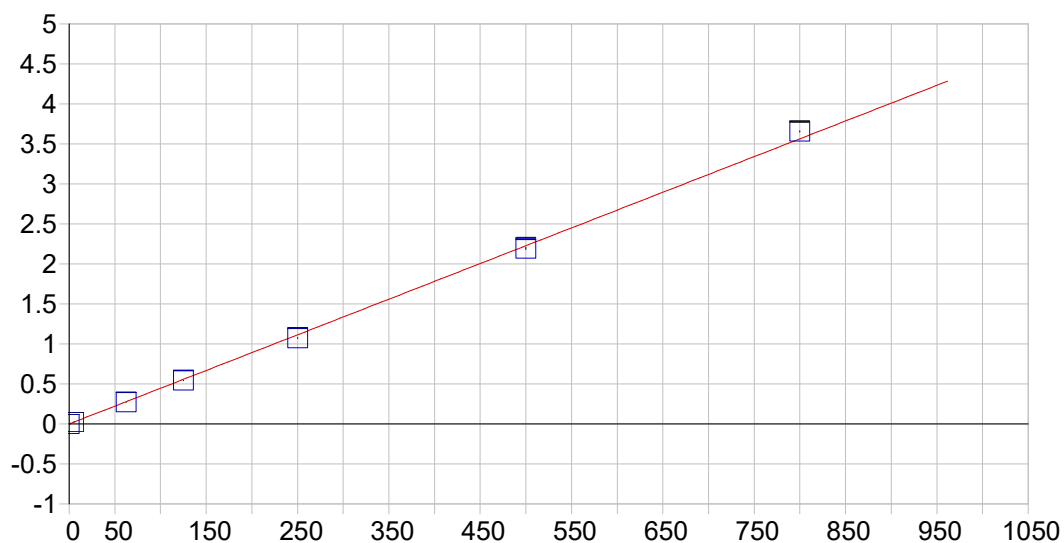


Mn 257.610 {131}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000203 Re-Slope: 1.000000
 A1 (Gain): 0.119024 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999818 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.001913
 Predicted MQL: 0.006376

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00020	.000	1
S1	.01500	.02000	.005	33.3	.00218	.000	1
S2	3.7500	3.8819	.132	3.52	.46184	.004	1
S3	7.5000	7.7788	.279	3.72	.92566	.008	1
S4	15.000	14.876	-.124	-.825	1.7704	.020	1
S5	30.000	29.708	-.292	-.973	3.5358	.027	1

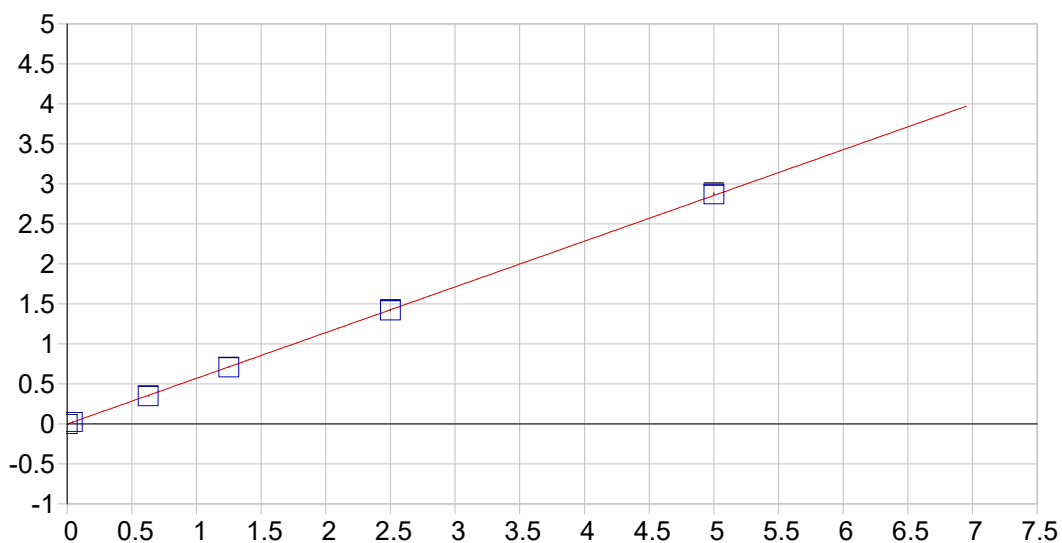


Mg 279.079 {121}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000244	Re-Slope:	1.000000
A1 (Gain):	0.004455	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999671	Status:	OK.
Std Error of Est:	0.000399		
Predicted MDL:	0.070901		
Predicted MQL:	0.236337		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	-.000	.000	-.00024	.000	1
S1	5.0000	5.4578	.458	9.16	.02407	.001	1
S2	62.500	60.712	-1.79	-2.86	.27024	.001	1
S3	125.00	122.24	-2.76	-2.21	.54437	.003	1
S4	250.00	240.90	-9.10	-3.64	1.0730	.006	1
S5	500.00	492.35	-7.65	-1.53	2.1933	.014	1
S6	800.00	820.84	20.8	2.61	3.6568	.007	1

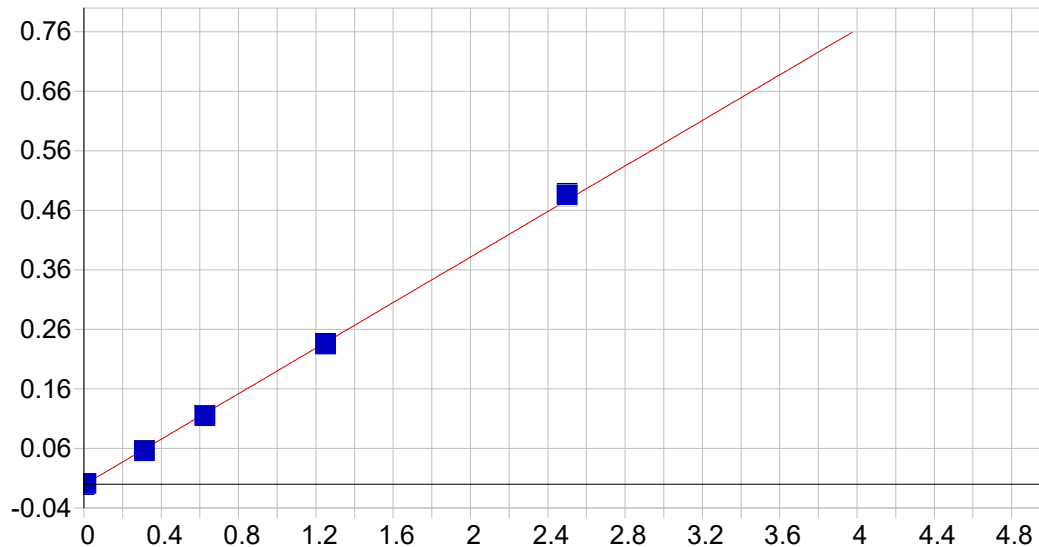


Ni 231.604 {446}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001570	Re-Slope:	1.000000
A1 (Gain):	0.571497	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999945	Status:	OK.
Std Error of Est:	0.000142		
Predicted MDL:	0.000428		
Predicted MQL:	0.001427		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00157	.000	1
S1	.04000	.04401	.004	10.0	.02358	.000	1
S2	.62500	.61135	-.014	-2.18	.34782	.001	1
S3	1.2500	1.2389	-.011	-.885	.70648	.003	1
S4	2.5000	2.4896	-.010	-.415	1.4212	.006	1
S5	5.0000	5.0311	.031	.622	2.8737	.013	1

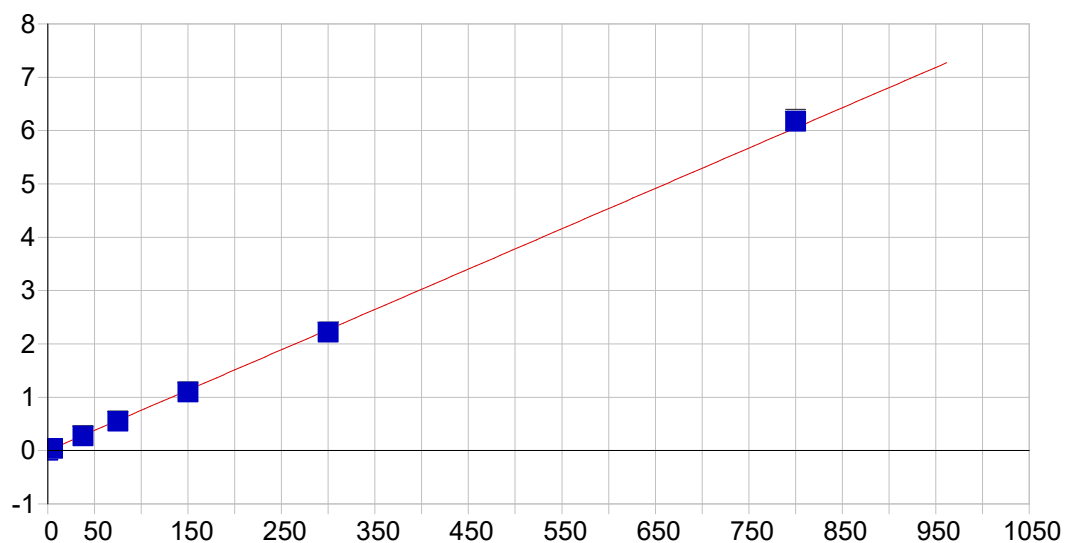


Ag 328.068 {103}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001095	Re-Slope:	1.000000
A1 (Gain):	0.191328	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999737	Status:	OK.
Std Error of Est:	0.000037		
Predicted MDL:	0.000613		
Predicted MQL:	0.002044		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00110	.000	1
S1	.01000	.01091	.001	9.09	.00098	.000	1
S2	.31250	.29682	-.016	-5.02	.05531	.000	1
S3	.62500	.60651	-.018	-2.96	.11417	.000	1
S4	1.2500	1.2364	-.014	-1.09	.23390	.001	1
S5	2.5000	2.5469	.047	1.87	.48307	.002	1

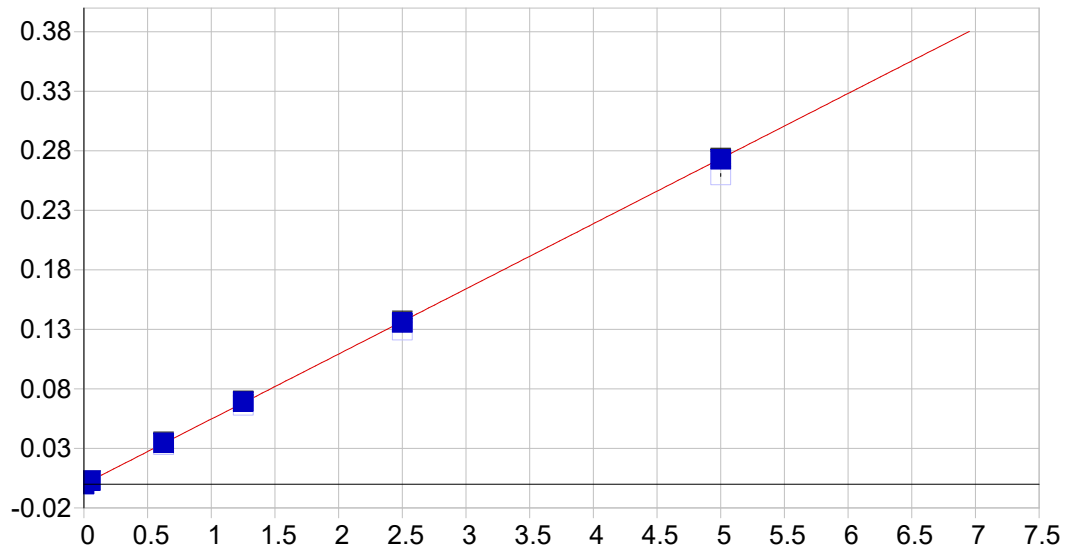


Na 818.326 { 41}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000520	Re-Slope:	1.000000
A1 (Gain):	0.007563	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999691	Status:	OK.
Std Error of Est:	0.000584		
Predicted MDL:	0.340860		
Predicted MQL:	1.136201		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00013	.000	.000	-.00052	.002	1
S1	5.0000	5.4330	.433	8.66	.04057	.001	1
S2	37.500	36.149	-1.35	-3.60	.27412	.002	1
S3	75.000	72.197	-2.80	-3.74	.54799	.004	1
S4	150.00	144.59	-5.41	-3.61	1.0980	.008	1
S5	300.00	293.24	-6.76	-2.25	2.2272	.008	1
S6	800.00	815.89	15.9	1.99	6.1965	.016	1

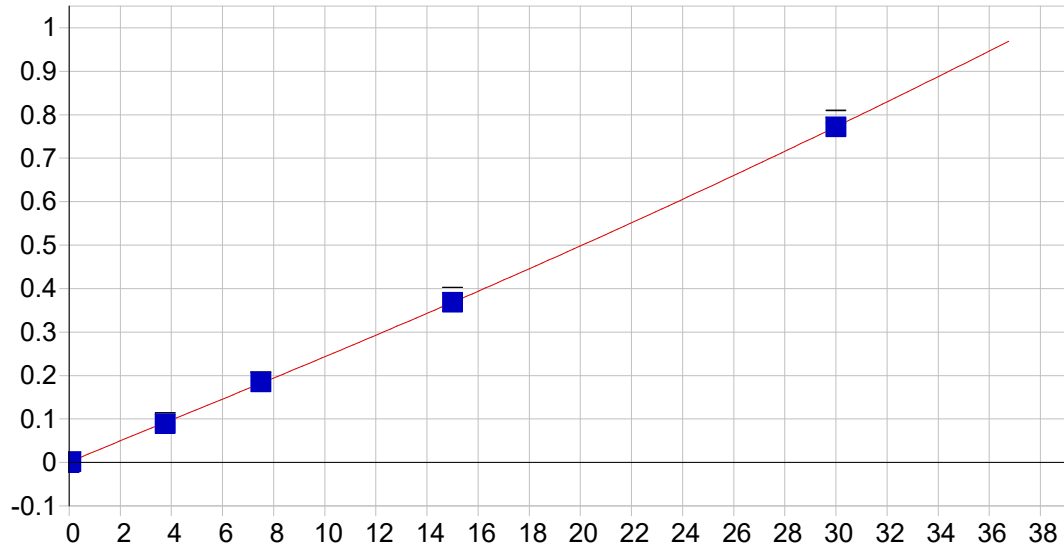


V 292.402 {115}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000082	Re-Slope:	1.000000
A1 (Gain):	0.054718	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000012		
Predicted MDL:	0.007105		
Predicted MQL:	0.023683		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.05000	.05143	.001	2.85	.00273	.000	1
S2	.62500	.63508	.010	1.61	.03303	.001	1
S3	1.2500	1.2687	.019	1.50	.06606	.000	1
S4	2.5000	2.4832	-.017	-.674	.12923	.001	1
S5	5.0000	4.9866	-.013	-.269	.25966	.001	1

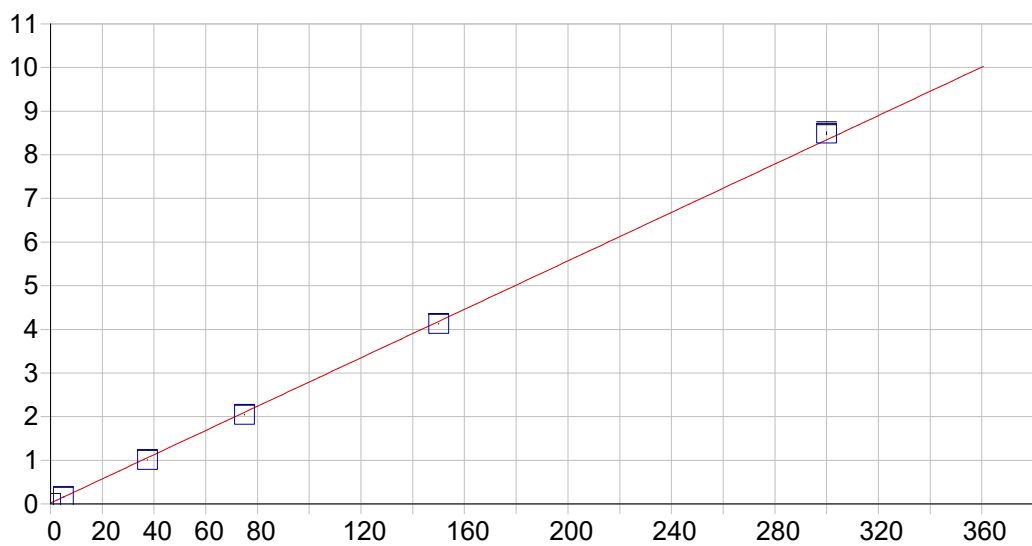


Zn 213.856 {158}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset):	-0.000420	Re-Slope:	1.000000
A1 (Gain):	0.025594	Y-int:	0.000000
A2 (Curvature):	0.000195		
n (Exponent):	0.950000		
Correlation:	0.999954	Status:	Warning Positive Curvature
Std Error of Est:	0.000024		
Predicted MDL:	0.013966		
Predicted MQL:	0.046554		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00042	.000	1
S1	.06000	.06731	.007	12.2	.00156	.000	1
S2	3.7500	3.6489	-.101	-2.70	.08956	.002	1
S3	7.5000	7.6126	.113	1.50	.18516	.001	1
S4	15.000	14.992	-.008	-.055	.36878	.012	1
S5	30.000	29.989	-.011	-.035	.77330	.015	1

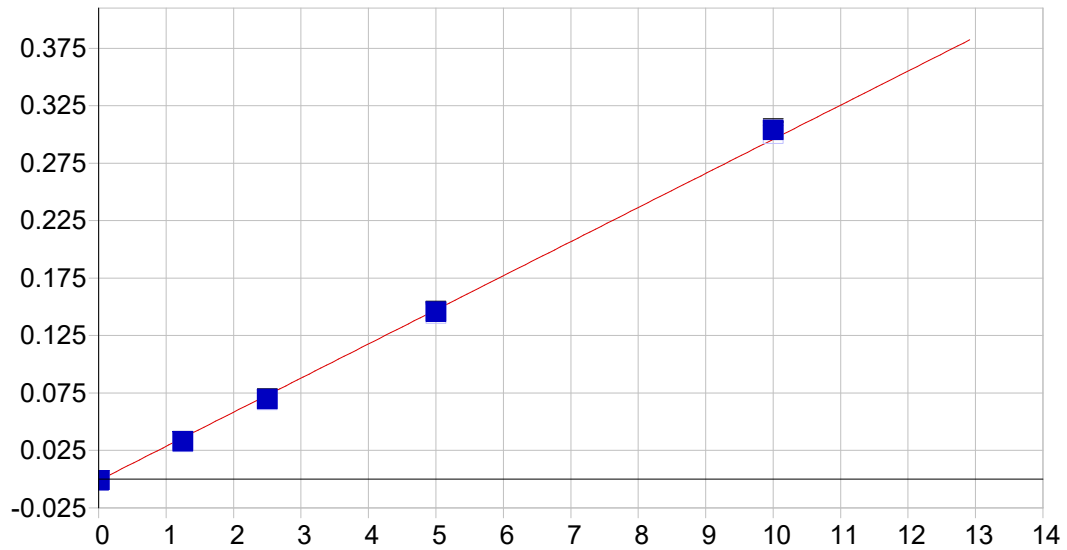


K 769.896 { 44}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.018378	Re-Slope:	1.000000
A1 (Gain):	0.027754	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999765	Status:	OK.
Std Error of Est:	0.001240		
Predicted MDL:	0.083323		
Predicted MQL:	0.277745		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00013	.000	.000	.01838	.002	1
S1	5.0000	5.2137	.214	4.27	.16308	.001	1
S2	37.500	35.705	-1.79	-4.79	1.0093	.006	1
S3	75.000	73.067	-1.93	-2.58	2.0462	.004	1
S4	150.00	148.10	-1.90	-1.27	4.1287	.008	1
S5	300.00	305.41	5.41	1.80	8.4947	.035	1

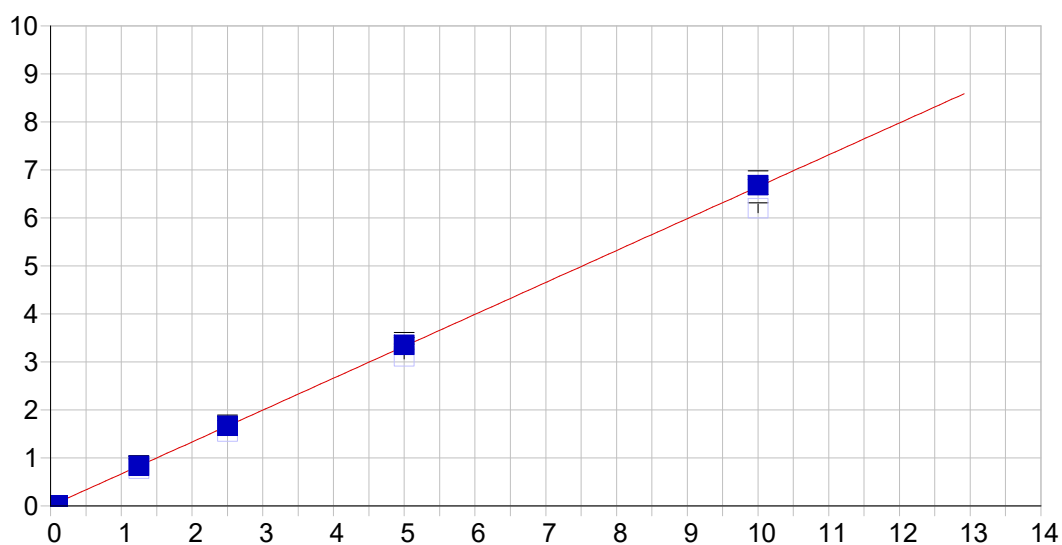


P 177.495 {490}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001119 Re-Slope: 1.000000
 A1 (Gain): 0.029691 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999386 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.003115
 Predicted MQL: 0.010383

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00112	.000	1
S1	.01000	.01106	.001	10.6	-.00079	.000	1
S2	1.2500	1.1425	-.108	-8.60	.03239	.000	1
S3	2.5000	2.3855	-.115	-4.58	.06888	.000	1
S4	5.0000	4.9488	-.051	-1.02	.14415	.000	1
S5	10.000	10.272	.272	2.72	.30055	.001	1

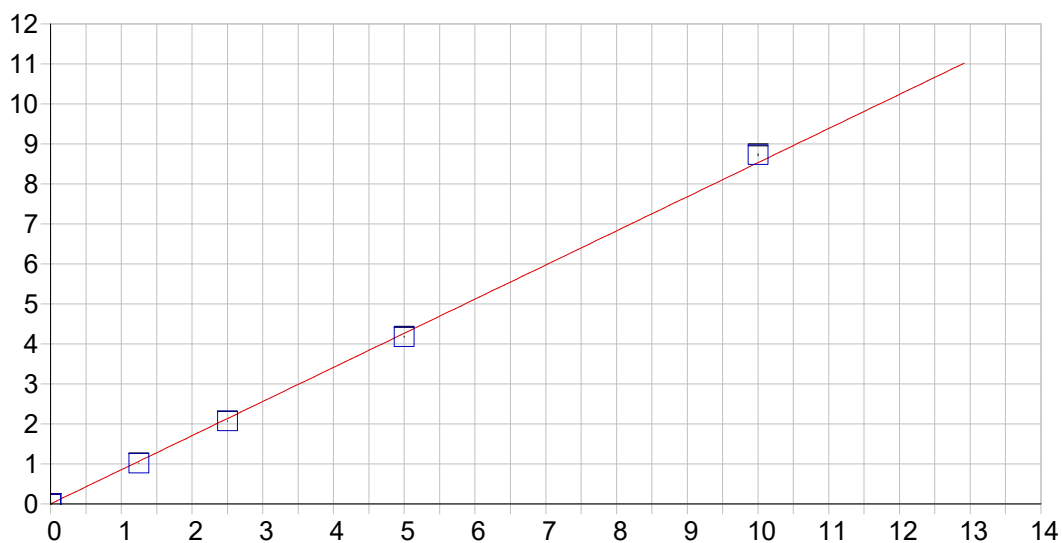


B 249.678 {135}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002156 Re-Slope: 1.000000
 A1 (Gain): 0.664704 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997463 Status: OK.
 Std Error of Est: 0.002339
 Predicted MDL: 0.001131
 Predicted MQL: 0.003769

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00221	.001	1
S1	.10000	.00947	-.091	-90.5	.00832	.000	1
S2	1.2500	1.2492	-.001	-.065	.77220	.010	1
S3	2.5000	2.5070	.007	.282	1.5480	.016	1
S4	5.0000	5.0418	.042	.836	3.1123	.053	1
S5	10.000	10.049	.049	.494	6.1996	.090	1

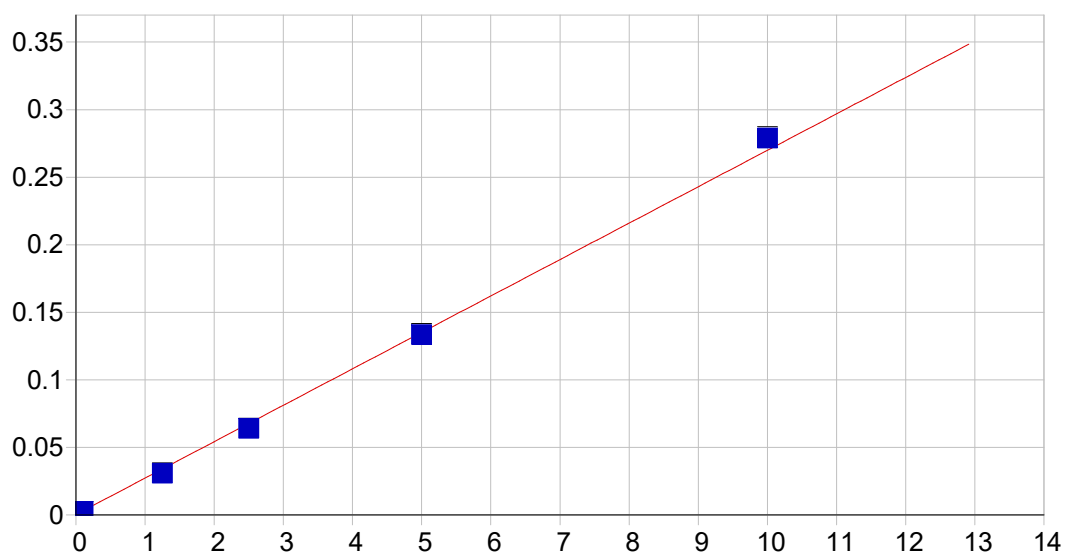


Mo 202.030 {467}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000665 Re-Slope: 1.000000
 A1 (Gain): 0.853111 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999673 Status: OK.
 Std Error of Est: 0.000366
 Predicted MDL: 0.000290
 Predicted MQL: 0.000968

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00067	.000	1
S1	.01000	.01066	.001	6.57	.00976	.000	1
S2	1.2500	1.1933	-.057	-4.53	1.0187	.004	1
S3	2.5000	2.4258	-.074	-2.97	2.0702	.004	1
S4	5.0000	4.8979	-.102	-2.04	4.1792	.012	1
S5	10.000	10.232	.232	2.32	8.7299	.025	1

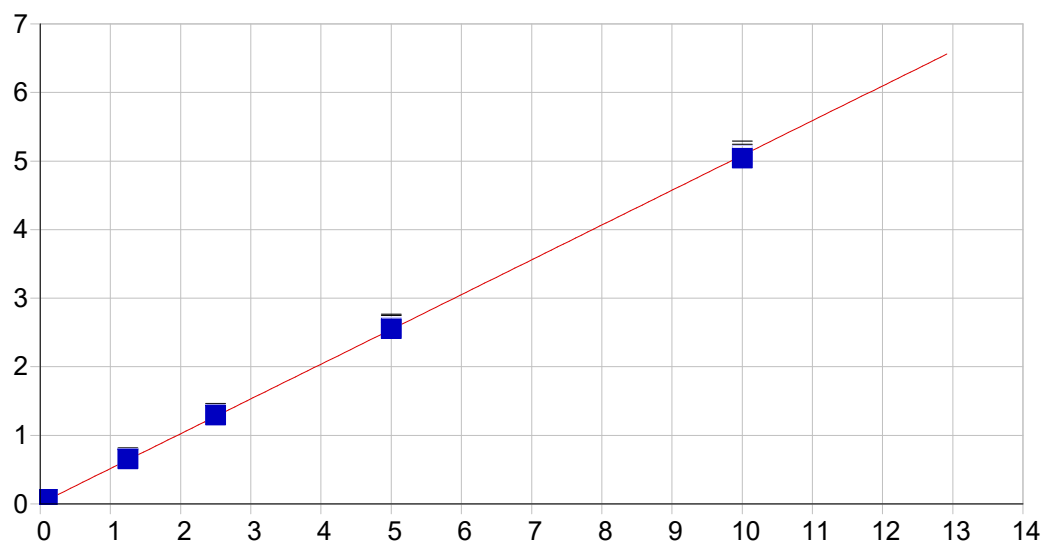


S 182.034 {485}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000300 Re-Slope: 1.000000
 A1 (Gain): 0.026959 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999169 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.004244
 Predicted MQL: 0.014146

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00030	.000	1
S1	.10000	.09475	-.005	-5.25	.00285	.000	1
S2	1.2500	1.1276	-.122	-9.79	.03077	.000	1
S3	2.5000	2.3613	-.139	-5.55	.06410	.000	1
S4	5.0000	4.9378	-.062	-1.24	.13370	.001	1
S5	10.000	10.328	.328	3.28	.27931	.001	1

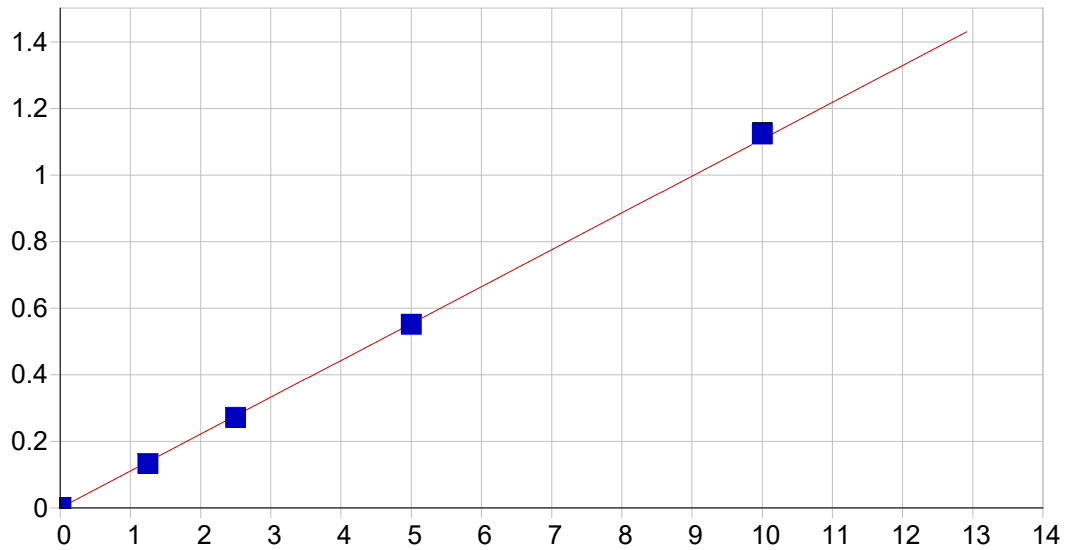


Si 251.611 {134}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.008452	Re-Slope:	1.000000
A1 (Gain):	0.507273	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999931	Status:	OK.
Std Error of Est:	0.000320		
Predicted MDL:	0.001340		
Predicted MQL:	0.004467		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00845	.001	1
S1	.10000	.10971	.010	9.71	.06428	.002	1
S2	1.2500	1.2750	.025	2.00	.66084	.009	1
S3	2.5000	2.5346	.035	1.38	1.3054	.014	1
S4	5.0000	5.0137	.014	.274	2.5742	.050	1
S5	10.000	9.9170	-.083	-.830	5.0840	.061	1

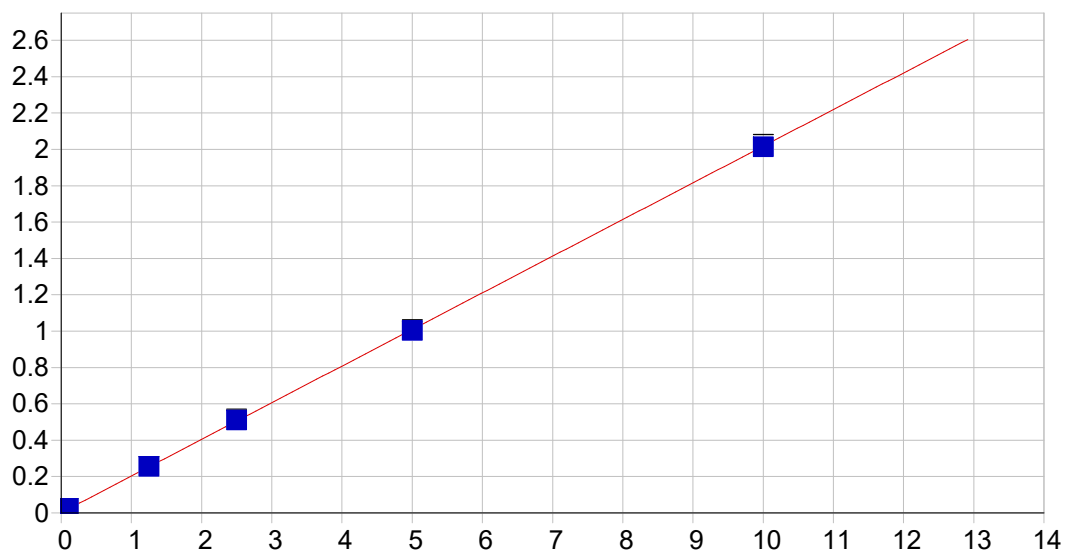


Sn 189.989 {478}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000199	Re-Slope:	1.000000
A1 (Gain):	0.110721	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999843	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.001034		
Predicted MQL:	0.003447		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.00700	.00749	.000	6.96	.00100	.000	1
S2	1.2500	1.1954	-.055	-4.37	.13226	.000	1
S3	2.5000	2.4443	-.056	-2.23	.27026	.001	1
S4	5.0000	4.9685	-.031	-.630	.54917	.001	1
S5	10.000	10.141	.141	1.41	1.1208	.004	1

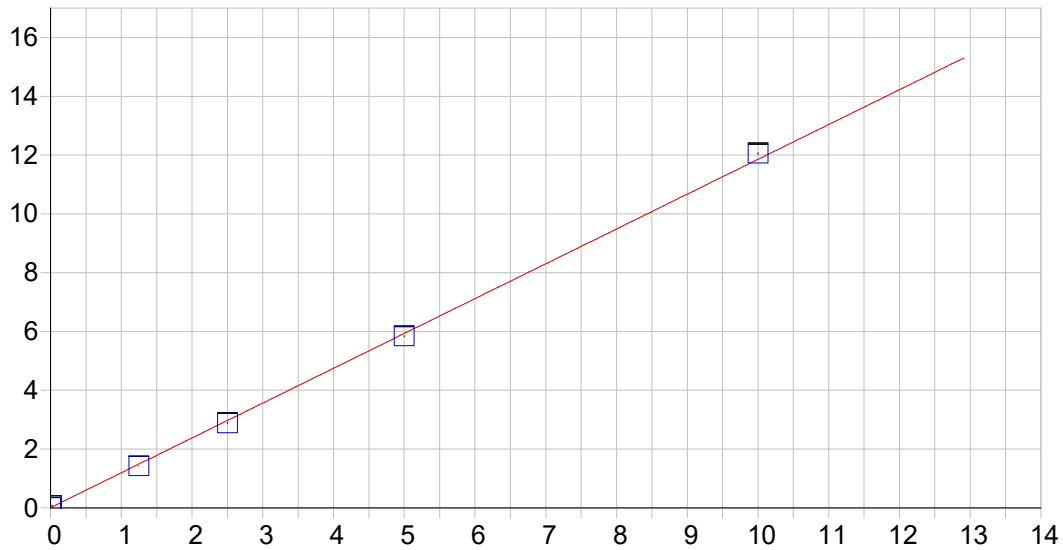


Ti 336.121 {100}

Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001394	Re-Slope:	1.000000
A1 (Gain):	0.201594	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999936	Status:	OK.
Std Error of Est:	0.000121		
Predicted MDL:	0.002835		
Predicted MQL:	0.009451		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00139	.000	1
S1	.10000	.11329	.013	13.3	.02423	.000	1
S2	1.2500	1.2581	.008	.650	.25494	.001	1
S3	2.5000	2.5299	.030	1.20	.51124	.004	1
S4	5.0000	4.9679	-.032	-.643	1.0025	.005	1
S5	10.000	9.9808	-.019	-.192	2.0128	.014	1

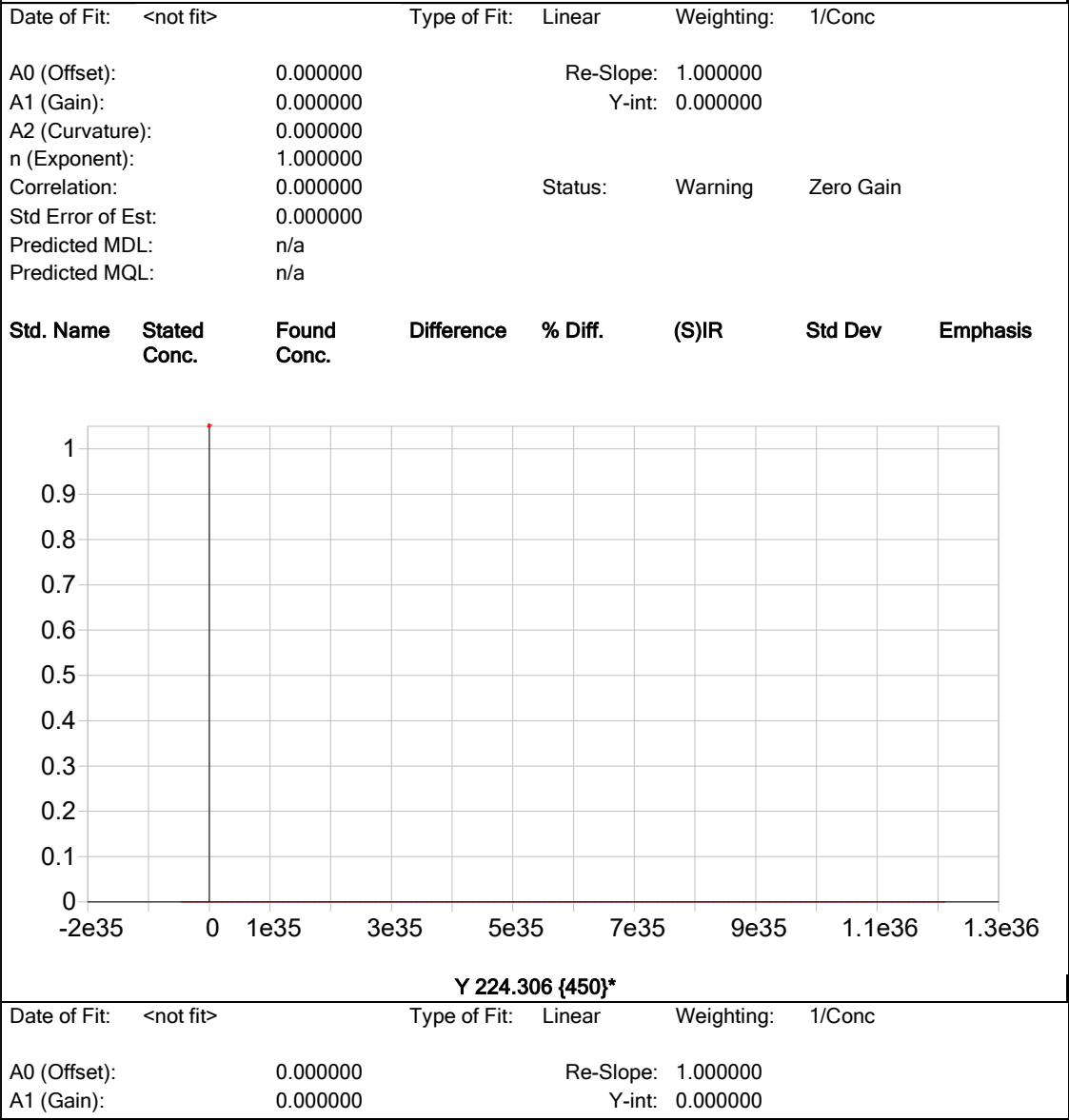
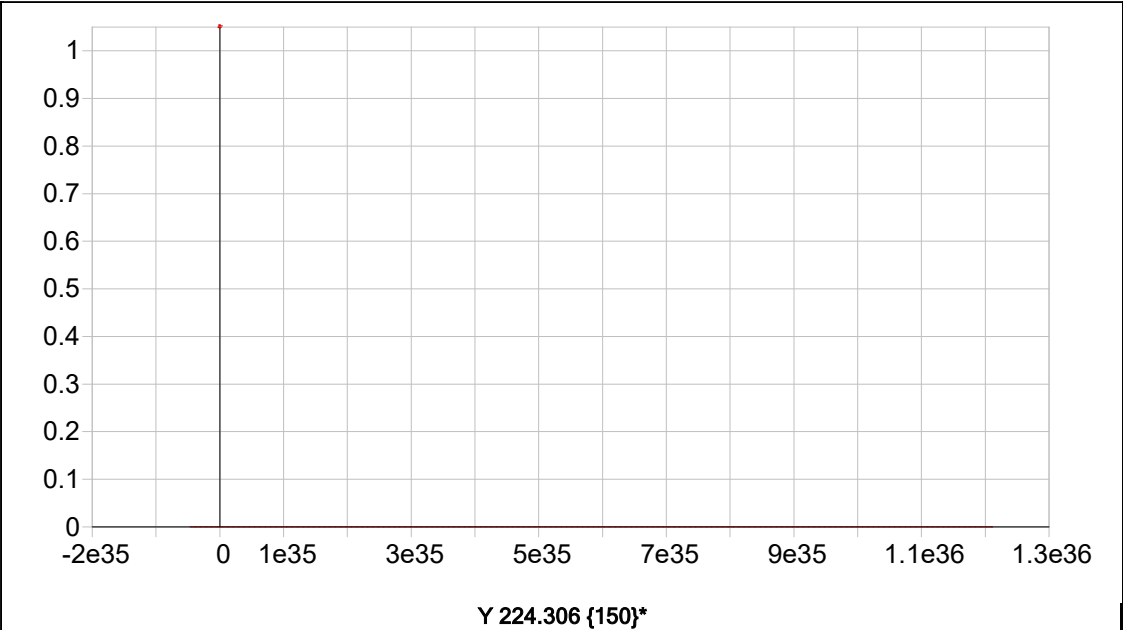


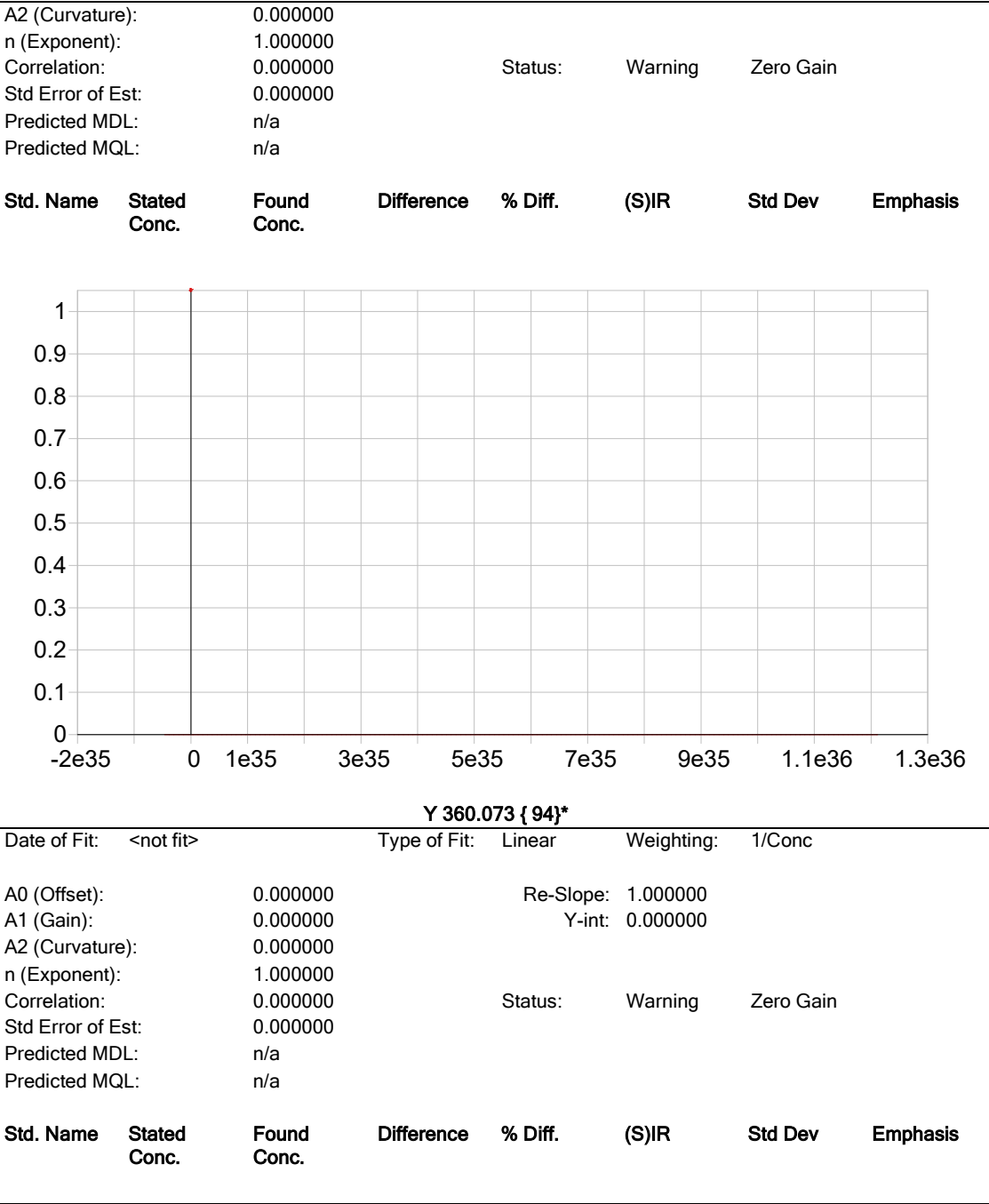
Li 670.784 { 50}

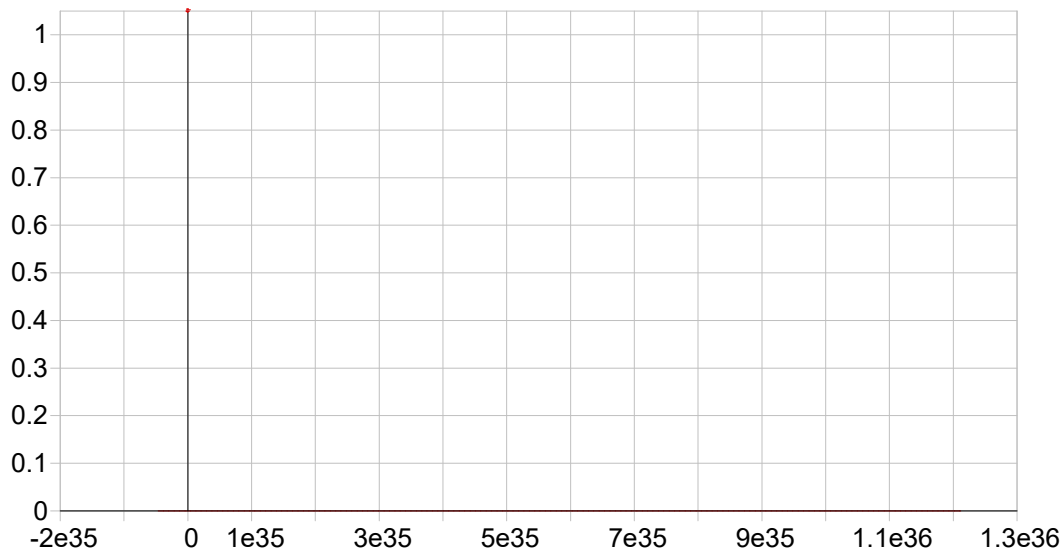
Date of Fit: 03/08/2019 12:48:12 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011339 Re-Slope: 1.000000
 A1 (Gain): 1.184428 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997150 Status: OK.
 Std Error of Est: 0.001840
 Predicted MDL: 0.002178
 Predicted MQL: 0.007259

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.01129	.002	1
S5	10.000	10.171	.171	1.71	12.058	.028	1
S4	5.0000	4.9210	-.079	-1.58	5.8399	.017	1
S3	2.5000	2.4295	-.071	-2.82	2.8889	.016	1
S2	1.2500	1.1900	-.060	-4.80	1.4208	.002	1
S1	.01500	.05339	.038	256.	.07458	.002	1



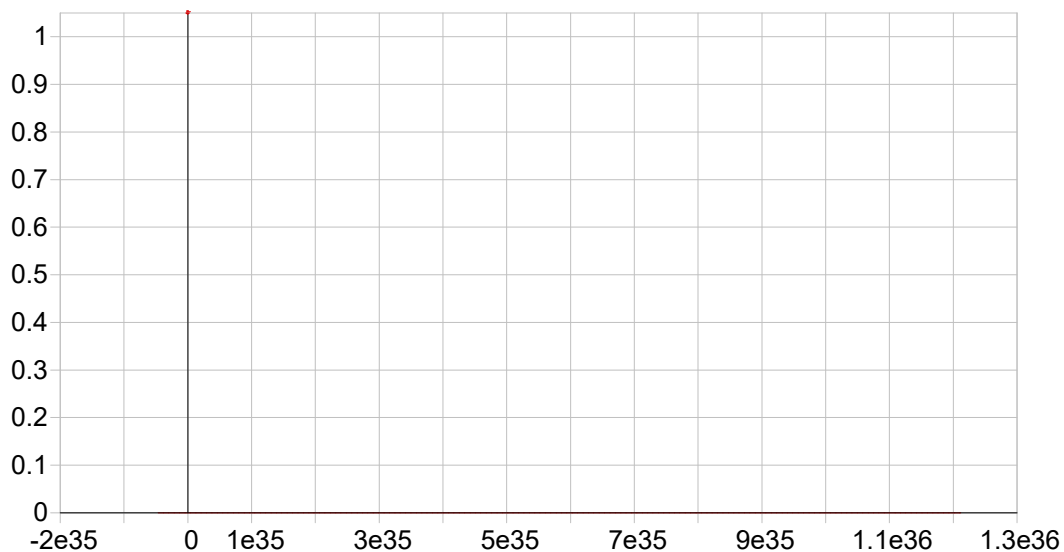




Y 371.030 { 91}*

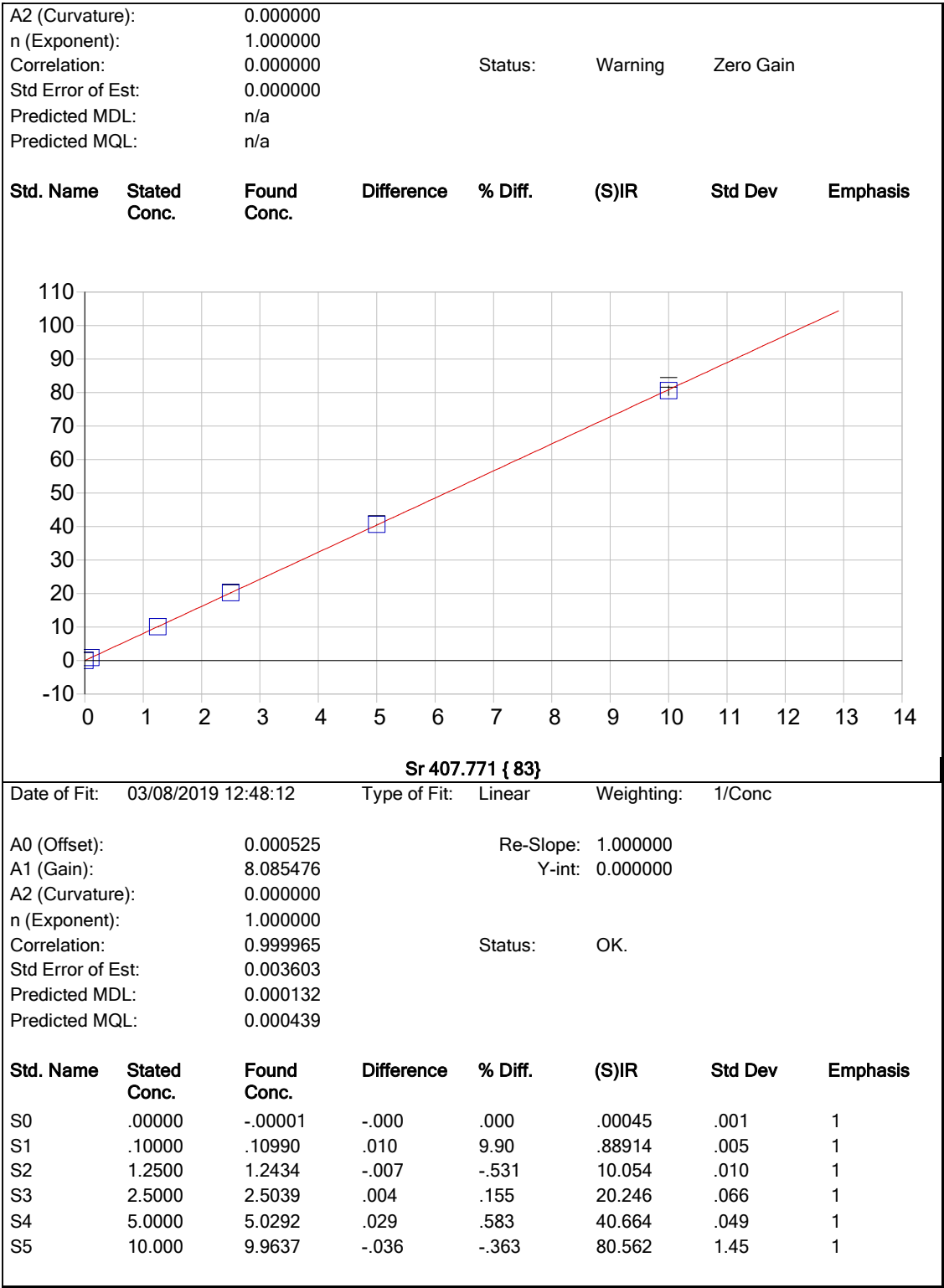
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				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

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

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



Sample Name: S0 Acquired: 03/08/2019 12:09:19 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	-.00026	-.00053	-.00027	.00053	.00058	.00328	.02386	-.00294
Stddev	.00013	.00007	.00018	.00023	.00018	.00038	.00021	.00054
%RSD	51.363	12.513	65.379	43.094	31.417	11.592	.88897	18.341
#1	-.00020	-.00048	-.00019	.00052	.00055	.00368	.02382	-.00328
#2	-.00016	-.00050	-.00014	.00077	.00078	.00292	.02367	-.00321
#3	-.00041	-.00060	-.00047	.00031	.00042	.00323	.02409	-.00232
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	.00036	.00197	.00005	.00019	.00133	-.00000	-.00020	-.00024
Stddev	.00006	.00060	.00005	.00019	.00033	.00027	.00007	.00022
%RSD	15.506	30.371	99.794	100.74	24.537	12054.	33.078	88.329
#1	.00037	.00258	.00009	.00029	.00134	.00011	-.00025	-.00010
#2	.00030	.00139	-.00001	.00030	.00166	.00020	-.00023	-.00049
#3	.00041	.00193	.00008	-.00003	.00101	-.00031	-.00013	-.00014
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	-.00157	-.00110	-.00052	-.00008	-.00042	.01838	-.00112	.00221
Stddev	.00015	.00006	.00201	.00015	.00027	.00177	.00000	.00114
%RSD	9.2523	5.0999	387.76	184.96	63.529	9.6206	.19704	51.447
#1	-.00172	-.00116	.00150	-.00016	-.00012	.02011	-.00112	.00335
#2	-.00143	-.00105	-.00053	.00009	-.00051	.01657	-.00112	.00222
#3	-.00156	-.00108	-.00253	-.00018	-.00063	.01846	-.00112	.00107
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	.00067	.00030	.00845	.00020	.00139	.01129	.00045	
Stddev	.00025	.00003	.00071	.00018	.00050	.00211	.00105	
%RSD	38.214	10.545	8.4109	90.496	35.702	18.708	234.75	
#1	.00038	.00031	.00819	.00025	.00160	.01230	-.00009	
#2	.00076	.00026	.00790	.00034	.00082	.00887	-.00023	
#3	.00086	.00032	.00925	-.00000	.00175	.01272	.00165	

Sample Name: S0 Acquired: 03/08/2019 12:09:19 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	2396.5	2623.4	50738.	4545.1	4016.4
Stddev	17.4	5.5	202.	16.2	12.1
%RSD	.72410	.20818	.39877	.35749	.30152
#1	2409.0	2628.8	50919.	4526.8	4017.9
#2	2376.6	2623.6	50519.	4550.8	4027.7
#3	2403.7	2617.9	50776.	4557.8	4003.6

Sample Name: S1 Acquired: 03/08/2019 12:13:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	.00011	.00075	.00117	.00354	.01189	.01972	.74658	.05267
Stddev	.00008	.00008	.00006	.00009	.00019	.00064	.00514	.00075
%RSD	76.048	10.368	5.3148	2.6258	1.6187	3.2269	.68801	1.4246
#1	.00004	.00066	.00115	.00353	.01185	.01907	.74779	.05197
#2	.00020	.00077	.00124	.00364	.01210	.02034	.74095	.05258
#3	.00009	.00081	.00112	.00345	.01173	.01975	.75101	.05346
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	.01500	.16301	.00185	.03834	.00360	.00131	.00218	.02407
Stddev	.00015	.00162	.00006	.00008	.00054	.00007	.00015	.00055
%RSD	1.0209	.99370	3.2851	.21501	15.121	5.1587	6.7097	2.2946
#1	.01497	.16117	.00190	.03826	.00323	.00138	.00202	.02400
#2	.01486	.16361	.00186	.03842	.00334	.00124	.00230	.02356
#3	.01516	.16424	.00178	.03834	.00422	.00131	.00221	.02466
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	.02358	.00098	.04057	.00273	.00156	.16308	-.00079	.00832
Stddev	.00021	.00002	.00067	.00017	.00024	.00143	.00008	.00031
%RSD	.89333	2.2350	1.6471	6.2524	15.321	.87926	10.206	3.6940
#1	.02355	.00096	.04036	.00257	.00150	.16143	-.00080	.00826
#2	.02339	.00098	.04003	.00270	.00135	.16373	-.00071	.00804
#3	.02381	.00100	.04132	.00291	.00182	.16407	-.00087	.00865
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	.00976	.00285	.06428	.00100	.02423	.07458	.88914	
Stddev	.00012	.00003	.00193	.00002	.00036	.00152	.00491	
%RSD	1.2499	1.1242	2.9959	2.1186	1.4710	2.0409	.55201	
#1	.00964	.00289	.06206	.00098	.02458	.07519	.89283	
#2	.00975	.00285	.06542	.00101	.02424	.07284	.88357	
#3	.00988	.00282	.06538	.00102	.02386	.07570	.89102	

Sample Name: S1 Acquired: 03/08/2019 12:13:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	2361.4	2589.4	50230.	4506.4	3997.6
Stddev	16.7	6.7	162.	24.6	6.0
%RSD	.70817	.25783	.32303	.54530	.15023
#1	2366.7	2583.0	50290.	4521.8	3993.6
#2	2374.8	2596.3	50353.	4519.4	4004.5
#3	2342.6	2588.8	50046.	4478.1	3994.8

Sample Name: S2 Acquired: 03/08/2019 12:17:32 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: IR Corr. Factor: 1.000000
User: BIN H Custom ID1: 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	.04324	.05905	.92128	.09461	.21030	2.7750	8.1019	1.3039
Stddev	.00026	.00041	.00374	.00048	.00123	.0056	.0314	.0226
%RSD	.58983	.68612	.40551	.50957	.58715	.20174	.38747	1.7322

#1	.04295	.05931	.91916	.09445	.20930	2.7769	8.0906	1.3056
#2	.04336	.05859	.91908	.09423	.20993	2.7794	8.0778	1.3256
#3	.04342	.05926	.92559	.09516	.21168	2.7687	8.1374	1.2805

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	1.6250	1.7821	.57688	.43942	.32018	.38854	.46184	.27024
Stddev	.0050	.0140	.00076	.00155	.00133	.00256	.00373	.00082
%RSD	.30890	.78289	.13209	.35186	.41456	.65870	.80777	.30445

#1	1.6201	1.7828	.57606	.43846	.32125	.39141	.46497	.26961
#2	1.6249	1.7958	.57756	.43859	.31869	.38772	.46283	.27117
#3	1.6301	1.7679	.57702	.44120	.32058	.38649	.45771	.26995

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	.34782	.05531	.27412	.03303	.08956	1.0093	.03239	.77220
Stddev	.00111	.00036	.00203	.00067	.00178	.0059	.00014	.01026
%RSD	.32002	.64789	.74195	2.0166	1.9910	.58500	.42674	1.3292

#1	.34712	.05492	.27256	.03267	.08932	1.0083	.03233	.77215
#2	.34723	.05536	.27642	.03380	.08790	1.0157	.03228	.78248
#3	.34910	.05563	.27339	.03262	.09144	1.0040	.03254	.76196

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	1.0187	.03077	.66084	.13226	.25494	1.4208	10.054
Stddev	.0043	.00027	.00917	.00027	.00060	.0019	.010
%RSD	.42383	.89353	1.3882	.20777	.23356	.13547	.10428

#1	1.0153	.03078	.66124	.13202	.25463	1.4189	10.046
#2	1.0173	.03049	.66980	.13221	.25562	1.4207	10.066
#3	1.0236	.03104	.65147	.13256	.25456	1.4227	10.049

Sample Name: S2 Acquired: 03/08/2019 12:17:32 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: IR Corr. Factor: 1.000000
 User: BIN H Custom ID1: 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	2315.7	2523.6	50312.	4510.4	3815.5
Stddev	2.6	10.2	221.	69.4	11.4
%RSD	.11112	.40308	.43919	1.5386	.29994
#1	2314.2	2528.9	50567.	4509.6	3818.4
#2	2314.3	2530.1	50187.	4441.4	3825.2
#3	2318.7	2511.9	50181.	4580.2	3802.8

Sample Name: S3 Acquired: 03/08/2019 12:21:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	.08863	.11989	1.8749	.18982	.42494	5.6229	16.466	2.5945
Stddev	.00005	.00059	.0049	.00054	.00198	.0280	.040	.0174
%RSD	.06117	.48864	.26055	.28312	.46586	.49856	.24219	.67180

#1	.08864	.11937	1.8699	.18954	.42299	5.6542	16.510	2.6146
#2	.08868	.11979	1.8750	.18948	.42487	5.6002	16.456	2.5857
#3	.08857	.12052	1.8797	.19044	.42695	5.6144	16.432	2.5833

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2787	3.5772	1.1495	.89583	.63784	.77527	.92566	.54437
Stddev	.0090	.0287	.0033	.00322	.00278	.00574	.00822	.00259
%RSD	.27394	.80153	.28796	.35945	.43560	.74024	.88790	.47668

#1	3.2710	3.6091	1.1533	.89247	.64082	.78189	.93478	.54727
#2	3.2765	3.5536	1.1479	.89613	.63531	.77174	.91883	.54226
#3	3.2886	3.5689	1.1473	.89889	.63739	.77217	.92338	.54358

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	.70648	.11417	.54799	.06606	.18516	2.0462	.06888	1.5480
Stddev	.00330	.00040	.00410	.00040	.00118	.0044	.00019	.0157
%RSD	.46758	.34991	.74846	.59970	.63856	.21421	.27740	1.0142

#1	.70309	.11462	.55207	.06645	.18469	2.0478	.06899	1.5658
#2	.70665	.11401	.54387	.06566	.18650	2.0413	.06866	1.5418
#3	.70969	.11387	.54803	.06606	.18428	2.0496	.06899	1.5363

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0702	.06410	1.3054	.27026	.51124	2.8889	20.246
Stddev	.0041	.00011	.0139	.00137	.00433	.0161	.066
%RSD	.19846	.17936	1.0680	.50764	.84752	.55659	.32493

#1	2.0669	.06403	1.3213	.26919	.51599	2.9074	20.310
#2	2.0688	.06404	1.2999	.26978	.50751	2.8789	20.249
#3	2.0748	.06423	1.2951	.27181	.51021	2.8803	20.178

Sample Name: S3 Acquired: 03/08/2019 12:21:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	2251.9	2426.0	49618.	4492.9	3631.1
Stddev	23.9	12.8	218.	11.1	20.4
%RSD	1.0618	.52605	.43856	.24695	.56303
#1	2279.1	2439.8	49826.	4483.7	3653.0
#2	2242.6	2423.8	49636.	4505.2	3627.6
#3	2234.1	2414.5	49392.	4489.8	3612.6

Sample Name: S4 Acquired: 03/08/2019 12:25:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	.18218	.23786	3.8090	.37608	.86824	11.215	33.166	5.1153
Stddev	.00058	.00066	.0092	.00095	.00292	.046	.045	.0893
%RSD	.31681	.27924	.24228	.25221	.33684	.41438	.13676	1.7461

#1	.18220	.23817	3.8035	.37549	.86642	11.248	33.216	5.2109
#2	.18159	.23710	3.8038	.37556	.86669	11.162	33.157	5.0340
#3	.18275	.23831	3.8197	.37717	.87161	11.235	33.127	5.1011

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	6.5520	6.9877	2.2580	1.8022	1.2644	1.4876	1.7704	1.0730
Stddev	.0246	.0662	.0116	.0054	.0006	.0111	.0196	.0063
%RSD	.37609	.94800	.51554	.29764	.04888	.74439	1.1069	.59048

#1	6.5410	7.0396	2.2664	1.8015	1.2646	1.4927	1.7823	1.0756
#2	6.5348	6.9131	2.2447	1.7972	1.2649	1.4749	1.7478	1.0658
#3	6.5802	7.0104	2.2630	1.8079	1.2637	1.4953	1.7812	1.0776

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	1.4212	.23390	1.0980	.12923	.36878	4.1287	.14415	3.1123
Stddev	.0059	.00110	.0080	.00128	.01151	.0079	.00048	.0528
%RSD	.41776	.47080	.72990	.99160	3.1212	.19052	.33000	1.6977

#1	1.4179	.23437	1.1037	.13029	.35602	4.1341	.14373	3.1683
#2	1.4178	.23264	1.0888	.12781	.37837	4.1197	.14406	3.0633
#3	1.4281	.23469	1.1014	.12960	.37196	4.1323	.14467	3.1052

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.1792	.13370	2.5742	.54917	1.0025	5.8399	40.664
Stddev	.0124	.00052	.0505	.00147	.0047	.0168	.049
%RSD	.29738	.38936	1.9605	.26745	.46780	.28715	.12059

#1	4.1760	.13333	2.6250	.54946	1.0046	5.8536	40.618
#2	4.1686	.13348	2.5241	.54758	.99717	5.8212	40.715
#3	4.1929	.13430	2.5735	.55047	1.0058	5.8448	40.658

Sample Name: S4 Acquired: 03/08/2019 12:25:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	2143.5	2291.0	48455.	4425.0	3399.4
Stddev	31.1	4.9	308.	32.9	7.5
%RSD	1.4514	.21233	.63502	.74271	.22020
#1	2176.7	2289.7	48800.	4391.5	3399.1
#2	2115.0	2296.4	48209.	4457.2	3407.0
#3	2138.9	2286.9	48355.	4426.4	3392.1

Sample Name: S5 Acquired: 03/08/2019 12:29:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	.38545	.47146	7.7909	.75916	1.8367	23.166	67.135	10.064
Stddev	.00128	.00267	.0302	.00241	.0069	.075	.112	.105
%RSD	.33259	.56550	.38705	.31779	.37844	.32511	.16751	1.0383

#1	.38422	.46930	7.7678	.75909	1.8297	23.238	67.141	10.095
#2	.38535	.47063	7.7798	.75677	1.8367	23.172	67.244	9.9469
#3	.38677	.47444	7.8250	.76160	1.8436	23.088	67.019	10.148

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	13.105	14.147	4.4545	3.6338	2.5374	2.9646	3.5358	2.1933
Stddev	.042	.079	.0166	.0111	.0105	.0169	.0274	.0138
%RSD	.32313	.55748	.37300	.30439	.41499	.57045	.77423	.63096

#1	13.090	14.238	4.4436	3.6322	2.5397	2.9812	3.5601	2.2076
#2	13.072	14.092	4.4737	3.6237	2.5467	2.9652	3.5410	2.1921
#3	13.153	14.113	4.4464	3.6456	2.5260	2.9474	3.5062	2.1800

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	2.8737	.48307	2.2272	.25966	.77330	8.4947	.30055	6.1996
Stddev	.0126	.00235	.0083	.00120	.01451	.0351	.00113	.0899
%RSD	.43834	.48700	.37448	.46100	1.8758	.41304	.37481	1.4508

#1	2.8637	.48241	2.2364	.25994	.76908	8.5195	.29984	6.2201
#2	2.8695	.48568	2.2201	.26069	.78944	8.4545	.29996	6.1011
#3	2.8878	.48112	2.2252	.25835	.76137	8.5099	.30185	6.2775

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	8.7299	.27931	5.0840	1.1208	2.0128	12.058	80.562
Stddev	.0253	.00062	.0611	.0041	.0144	.028	1.448
%RSD	.28930	.22177	1.2011	.36909	.71292	.22872	1.7975

#1	8.7155	.27881	5.0985	1.1178	2.0221	12.076	80.662
#2	8.7151	.27911	5.0170	1.1190	2.0200	12.073	79.066
#3	8.7591	.28000	5.1365	1.1255	1.9963	12.027	81.957

Sample Name: S5 Acquired: 03/08/2019 12:29:01 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	1984.1	2060.8	46905.	4341.4	3100.7
Stddev	3.7	6.8	284.	45.4	11.8
%RSD	.18545	.33073	.60606	1.0450	.37971
#1	1981.2	2064.3	46856.	4319.5	3105.4
#2	1982.8	2065.1	46649.	4393.5	3109.5
#3	1988.2	2052.9	47211.	4311.1	3087.4

Sample Name: ICV Acquired: 03/08/2019 12:37:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	.9766947	1.086422	.9533242	1.082965	1.011796	2.340754
Stddev	.0042337	.003756	.0012694	.002150	.004440	.007928
%RSD	.4334680	.3457518	.1331510	.1985660	.4387906	.3386895

#1	.9725991	1.083317	.9518650	1.084437	1.014350	2.336785
#2	.9764310	1.085352	.9539332	1.080497	1.006669	2.349883
#3	.9810541	1.090597	.9541743	1.083962	1.014368	2.335595

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5145960	.4936933	.5078929	10.17884	.5371538	.4933442
Stddev	.0012828	.0032648	.0012579	.07723	.0016920	.0028902
%RSD	.2492849	.6612957	.2476638	.7586909	.3149926	.5858350

#1	.5142194	.4962238	.5067653	10.11748	.5388304	.4923540
#2	.5135437	.4948479	.5076640	10.15349	.5371841	.4910792
#3	.5160250	.4900081	.5092496	10.26556	.5354468	.4965993

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5226400	5.392058	.5145785	5.825474	.5165917	.4629659
Stddev	.0061370	.059573	.0050392	.061112	.0018853	.0032465
%RSD	1.174226	1.104836	.9792944	1.049054	.3649457	.7012346

#1	.5156485	5.427302	.5097747	5.827576	.5148551	.4659978
#2	.5271368	5.323276	.5141369	5.885508	.5163231	.4595407
#3	.5251347	5.425597	.5198241	5.763337	.5185969	.4633592

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.930632	.5228953	.9653677	10.09090	F 2.074673	F 1.806599
Stddev	.281228	.0110516	.0216155	.08742	.006167	.012376
%RSD	2.831929	2.113545	2.239098	.8663003	.2972443	.6850305

#1	9.722527	.5191513	.9682213	10.15979	2.069573	1.817588
#2	10.25058	.5353326	.9854148	10.12035	2.072920	1.809015
#3	9.81879	.5142020	.9424672	9.99256	2.081527	1.793193

Sample Name: ICV Acquired: 03/08/2019 12:37:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	F 1.779099	F 2.039643	F 1.820918	F 1.815674	F 1.930717	F 2.069437
Stddev	.003456	.014367	.010858	.008266	.006881	.005099
%RSD	.1942466	.7043799	.5962804	.4552809	.3564130	.2464096
#1	1.780399	2.024376	1.828853	1.808530	1.926384	2.067575
#2	1.775181	2.041655	1.825358	1.813765	1.927114	2.065531
#3	1.781716	2.052897	1.808544	1.824729	1.938651	2.075206

Elem	Sr4077
Units	ppm
Avg	F 2.377162
Stddev	.004929
%RSD	.2073667
#1	2.382614
#2	2.375853
#3	2.373020

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2356.723	2589.195	50676.06	4592.307	3971.096
Stddev	23.673	7.917	156.85	10.820	9.269
%RSD	1.004493	.3057738	.3095077	.2356165	.2334213
#1	2378.693	2582.526	50793.76	4597.590	3965.512
#2	2359.824	2597.945	50736.42	4579.860	3981.796
#3	2331.652	2587.115	50498.00	4599.472	3965.980

Sample Name: S6 Acquired: 03/08/2019 12:32:56 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	62.570	22.910	7.8686	3.6568	6.1965
Stddev	.099	.061	.0065	.0075	.0163
%RSD	.15899	.26436	.08240	.20485	.26342

#1	62.609	22.897	7.8620	3.6515	6.1888
#2	62.457	22.857	7.8689	3.6535	6.1855
#3	62.644	22.976	7.8749	3.6653	6.2153

Int. Std.	Y_3710
Units	Cts/S
Avg	4350.8
Stddev	37.0
%RSD	.85140

#1	4378.3
#2	4365.3
#3	4308.7

Sample Name: ICB Acquired: 03/08/2019 12:41:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	.0005581	.0013995	.0009846	-.000266	-.001148	.0027729
Stddev	.0054939	.0026592	.0007752	.000981	.001639	.0074634
%RSD	984.3734	190.0148	78.73629	369.3335	142.7499	269.1514

#1	.0067549	-.000992	.0017284	-.001395	.000350	.0066198
#2	-.001364	.000928	.0001814	.000217	-.000896	-.005829
#3	-.003716	.004263	.0010440	.000381	-.002899	.007528

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001761	-.000007	-.000046	.0229589	.0002317	.0000970
Stddev	.000408	.000014	.000057	.0155088	.0007229	.0001353
%RSD	23.15796	191.7705	124.0947	67.55054	311.9981	139.5002

#1	-.001306	-.000021	.000011	.0117636	.0010645	.0001443
#2	-.002093	-.000007	-.000045	.0406612	-.000136	-.000056
#3	-.001884	.000006	-.000102	.0164518	-.000233	.000202

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019114	-.006857	.0003872	.0314767	.0002848	.0010382
Stddev	.0086664	.023780	.0013709	.0289921	.0003580	.0006351
%RSD	453.4006	346.8036	354.1041	92.10657	125.7290	61.16882

#1	.0099639	.014243	-.001020	.0600386	.0000617	.0007118
#2	.0030305	-.002189	.001719	.0323187	.0000948	.0017701
#3	-.007260	-.032625	.000463	.0020727	.0006978	.0006327

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002617	-.000612	-.002831	.1331822	-.000498	F .0100407
Stddev	.349876	.006431	.007002	.1293840	.002209	.0014094
%RSD	13370.67	1050.009	247.3583	97.14812	443.3949	14.03671

#1	.244641	.002696	-.010065	.1541936	-.003045	.0085391
#2	.150451	.003490	.003913	-.005422	.000904	.0102482
#3	-.402943	-.008024	-.002340	.250775	.000647	.0113349

Sample Name: ICB Acquired: 03/08/2019 12:41:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	.0001359	-.002081	.0003390	.0012008	.0002112	.0060357
Stddev	.0000295	.003735	.0006083	.0007490	.0007051	.0006170
%RSD	21.69016	179.4244	179.4159	62.37292	333.8745	10.22181
#1	.0001517	-.001487	-.000363	.0018210	.0010254	.0057470
#2	.0001019	-.006078	.000664	.0014126	-.000186	.0067441
#3	.0001541	.001320	.000716	.0003687	-.000206	.0056160

Elem	Sr4077
Units	ppm
Avg	-.000098
Stddev	.000124
%RSD	127.0460
#1	-.000221
#2	.000027
#3	-.000099

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2382.530	2602.882	51024.88	4628.383	3965.295
Stddev	19.513	11.970	140.48	18.455	22.263
%RSD	.8189935	.4598913	.2753133	.3987449	.5614446
#1	2360.003	2613.152	50866.55	4622.100	3975.228
#2	2393.387	2605.757	51134.59	4613.890	3980.861
#3	2394.198	2589.735	51073.50	4649.160	3939.794

Sample Name: ICSA Acquired: 03/08/2019 12:49:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	-.003000	.0019205	-.001741	-.018981	.0038346	241.0489
Stddev	.001667	.0024155	.001309	.004727	.0007247	.5750
%RSD	55.54880	125.7724	75.16819	24.90249	18.89873	.2385458

#1	-.003537	.0028137	-.000395	-.021332	.0038053	241.3483
#2	-.004332	-.000814	-.001819	-.013540	.0031250	241.4124
#3	-.001131	.003762	-.003009	-.022071	.0045735	240.3860

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037402	.0008629	.0008402	252.6879	.0564495	.0012930
Stddev	.0003583	.0000229	.0002679	.5533	.0011399	.0001347
%RSD	9.579794	2.653088	31.88267	.2189644	2.019244	10.41898

#1	.0035635	.0008883	.0008510	253.1080	.0551865	.0012015
#2	.0035046	.0008439	.0005671	252.8947	.0574018	.0014477
#3	.0041525	.0008565	.0011025	252.0610	.0567601	.0012298

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004727	104.9951	.0135844	256.9719	.0011990	-.008342
Stddev	.001902	.4674	.0006228	1.0052	.0003032	.000132
%RSD	40.24388	.4452058	4.584347	.3911676	25.28711	1.577222

#1	-.006403	105.4634	.0142979	256.9293	.0008496	-.008220
#2	-.005119	104.9933	.0133054	257.9977	.0013933	-.008482
#3	-.002659	104.5286	.0131500	255.9886	.0013541	-.008325

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.434031	-.006231	.0080456	.0182841	.0116360	F .0720845
Stddev	.248246	.002535	.0080150	.0481653	.0061139	.0029190
%RSD	57.19539	40.68300	99.61987	263.4266	52.54328	4.049414

#1	-.715727	-.007191	.0169595	-.014117	.0129316	.0726549
#2	-.339132	-.008145	.0014328	.073632	.0049781	.0746761
#3	-.247234	-.003356	.0057445	-.004663	.0169983	.0689224

Sample Name: ICSA Acquired: 03/08/2019 12:49:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	.0015819	.0043846	.0006259	-.002078	-.003648	.0139897
Stddev	.0005319	.0021771	.0020947	.001454	.000694	.0018247
%RSD	33.62297	49.65318	334.6494	69.99842	19.03036	13.04335

#1	.0020759	.0064568	.0023348	-.002574	-.003617	.0160301
#2	.0016508	.0021160	-.001711	-.000440	-.004358	.0125143
#3	.0010189	.0045809	.001254	-.003219	-.002970	.0134248

Elem	Sr4077
Units	ppm
Avg	.1035441
Stddev	.0004713
%RSD	.4552177

#1	.1033057
#2	.1040870
#3	.1032396

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2233.120	2384.921	48542.79	4508.355	3456.836
Stddev	3.759	13.104	120.61	15.576	18.988
%RSD	.1683478	.5494377	.2484595	.3454879	.5492913

#1	2231.023	2391.470	48670.65	4500.080	3465.446
#2	2237.460	2393.459	48526.68	4526.322	3469.995
#3	2230.877	2369.834	48431.05	4498.663	3435.069

Sample Name: ICSAB Acquired: 03/08/2019 12:53:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	.0969738	.1163131	.0496197	.0309803	.6420718	238.0778
Stddev	.0031087	.0039800	.0013331	.0008507	.0043596	.8019
%RSD	3.205740	3.421794	2.686636	2.746087	.6789834	.3368302

#1	.0935277	.1208942	.0489494	.0299983	.6379377	237.9806
#2	.0995671	.1137053	.0487547	.0314477	.6416513	237.3290
#3	.0978267	.1143399	.0511549	.0314948	.6466264	238.9239

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5379908	.5042964	1.051072	248.9565	.6105697	.5167367
Stddev	.0008793	.0036703	.004492	1.1668	.0022294	.0018437
%RSD	.1634416	.7277986	.4274136	.4686664	.3651258	.3567922

#1	.5389959	.5037365	1.048700	248.1230	.6122426	.5153544
#2	.5376125	.5082145	1.048262	248.4565	.6080389	.5160258
#3	.5373640	.5009383	1.056253	250.2899	.6114277	.5188301

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5273225	103.5672	.5285489	253.3672	1.083067	.1651372
Stddev	.0044432	.4846	.0056057	1.3159	.005801	.0008246
%RSD	.8425961	.4679272	1.060585	.5193519	.5356269	.4993438

#1	.5258012	103.5220	.5225755	252.4337	1.079045	.1656429
#2	.5323265	103.1068	.5293762	252.7957	1.080440	.1641856
#3	.5238397	104.0728	.5336950	254.8722	1.089717	.1655830

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.138063	.5233237	1.006239	.0563371	.0797457	F .1370344
Stddev	.279208	.0059137	.039050	.0373859	.0076862	.0026199
%RSD	202.2322	1.130024	3.880771	66.36110	9.638395	1.911865

#1	.181082	.5249408	1.012269	.0568746	.0803646	.1342348
#2	-.258053	.5167697	.964524	.0934514	.0871037	.1374414
#3	-.337218	.5282606	1.041922	.0186853	.0717687	.1394269

Sample Name: ICSAB Acquired: 03/08/2019 12:53:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) 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	F .0703063	.0821848	.0710293	F .0753743	.0715082	.0832428
Stddev	.0006987	.0048317	.0027607	.0017237	.0012503	.0012183
%RSD	.9937976	5.879026	3.886647	2.286853	1.748444	1.463522
#1	.0702319	.0767231	.0683513	.0760996	.0706556	.0830027
#2	.0710391	.0859016	.0708709	.0734064	.0729434	.0821625
#3	.0696477	.0839297	.0738658	.0766167	.0709255	.0845633

Elem	Sr4077
Units	ppm
Avg	.1790277
Stddev	.0006740
%RSD	.3764531
#1	.1797457
#2	.1784087
#3	.1789286

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2227.307	2420.163	48841.23	4566.941	3469.375
Stddev	19.585	11.395	150.75	25.465	15.777
%RSD	.8793353	.4708549	.3086557	.5576012	.4547573
#1	2246.930	2422.997	48961.64	4580.000	3471.040
#2	2227.232	2429.873	48889.90	4537.595	3484.253
#3	2207.759	2407.618	48672.16	4583.227	3452.831

Sample Name: CCV049 Acquired: 03/08/2019 13:12:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.751141	4.759079	24.03797	4.560765	4.802805	401.4015	9.803596
Stddev	.011524	.012637	.08791	.011931	.007710	.5896	.011801
%RSD	.2425472	.2655286	.3657124	.2615921	.1605328	.1468735	.1203749

#1	4.764289	4.751263	23.97466	4.547931	4.796027	401.3897	9.798782
#2	4.742792	4.752316	24.00090	4.571519	4.801195	401.9969	9.817042
#3	4.746342	4.773658	24.13834	4.562845	4.811193	400.8180	9.794962

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4842482	2.379158	403.4046	14.79300	2.412852	14.62555	407.1581
Stddev	.0048492	.009111	1.3721	.02435	.009487	.02106	1.9501
%RSD	1.001381	.3829403	.3401359	.1645888	.3931673	.1439800	.4789472

#1	.4862076	2.376632	403.1906	14.81269	2.411315	14.61256	407.4766
#2	.4787259	2.371576	404.8712	14.76578	2.404228	14.64985	408.9294
#3	.4878111	2.389265	402.1521	14.80053	2.423013	14.61424	405.0685

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.51801	395.0766	2.431277	1.219655	396.0728	2.390278	14.56704
Stddev	.08501	2.0269	.015008	.010551	.4683	.003517	.26108
%RSD	.5855262	.5130354	.6172738	.8650476	.1182301	.1471377	1.792246

#1	14.49703	394.8695	2.423405	1.230441	396.1719	2.388964	14.50971
#2	14.61154	397.1991	2.421842	1.209357	396.4835	2.394263	14.85202
#3	14.44545	393.1613	2.448583	1.219168	395.5628	2.387607	14.33940

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.1076	5.031820	4.961537	4.722826	4.911386	4.859439	4.864387
Stddev	.2686	.018039	.030604	.014211	.012643	.053233	.015849
%RSD	.1789187	.3585037	.6168333	.3008969	.2574308	1.095465	.3258250

#1	149.8425	5.033846	4.952315	4.710013	4.896801	4.866829	4.855863
#2	150.1009	5.012854	4.936604	4.720353	4.919238	4.802897	4.854623
#3	150.3795	5.048761	4.995692	4.738110	4.918119	4.908592	4.882674

Sample Name: CCV049 Acquired: 03/08/2019 13:12:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV049 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.834490	4.919118	4.861851
Stddev	.020787	.011417	.011830
%RSD	.4299634	.2320976	.2433176

#1	4.827699	4.908755	4.848375
#2	4.857822	4.931357	4.870523
#3	4.817948	4.917243	4.866655

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2066.096	2178.740	47442.77	4376.298	3164.328
Stddev	19.449	6.835	236.82	10.475	11.444
%RSD	.9413225	.3137212	.4991631	.2393555	.3616595

#1	2073.800	2181.400	47424.45	4375.508	3165.866
#2	2043.976	2183.846	47215.64	4387.145	3174.925
#3	2080.512	2170.975	47688.21	4366.240	3152.192

Sample Name: CCB049 Acquired: 03/08/2019 13:16:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003353	.0013498	.0000704	-.002493	-.000379	-.000743
Stddev	.001723	.0014486	.0015531	.003251	.001835	.008126
%RSD	51.37695	107.3222	2205.673	130.4393	483.6497	1093.200

#1	-.003564	.0029253	-.001517	-.006235	-.001921	-.008274
#2	-.004961	.0010485	.000141	-.000361	.001650	-.001824
#3	-.001535	.0000755	.001587	-.000882	-.000868	.007868

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001366	.0000278	-.000035	-.010988	.0002069	.0001305
Stddev	.000947	.0000377	.000066	.012953	.0005726	.0000982
%RSD	69.30145	135.7032	189.7274	117.8825	276.7091	75.31249

#1	-.002257	.0000268	.000031	-.014512	.0004703	.0001911
#2	-.000372	-.000009	-.000034	-.021815	-.000450	.0000171
#3	-.001470	.000066	-.000101	.003362	.000600	.0001831

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005850	.0303878	.0024875	.0427108	-.000020	.0004486
Stddev	.0026543	.0320355	.0007738	.0406399	.000255	.0002011
%RSD	453.7192	105.4224	31.10873	95.15133	1288.429	44.83309

#1	-.001930	-.000280	.0033448	.0052623	.000221	.0006165
#2	.003359	.027808	.0022773	.0369440	-.000287	.0005035
#3	.000326	.063635	.0018405	.0859261	.000006	.0002257

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.064789	.0004860	.0032311	.0915290	-.001367	F .0101675
Stddev	.088896	.0062237	.0089126	.0349500	.002293	.0009272
%RSD	137.2096	1280.592	275.8369	38.18458	167.7170	9.118990

#1	-.003033	.0064867	-.002188	.1064262	-.001468	.0112002
#2	-.166675	.0009103	.013518	.1165620	-.003608	.0094066
#3	-.024658	-.005939	-.001636	.0515988	.000975	.0098958

Sample Name: CCB049 Acquired: 03/08/2019 13:16:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB049 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000024	-.003627	-.000840	.0015275	.0011568	.0069670
Stddev	.000279	.003212	.000477	.0007090	.0036185	.0008103
%RSD	1162.903	88.55447	56.81885	46.41736	312.8094	11.63091

#1	-.000315	-.001300	-.000813	.0009878	.0049723	.0077845
#2	.000242	-.007292	-.001330	.0012642	-.002226	.0069524
#3	.000001	-.002290	-.000377	.0023306	.000724	.0061640

Elem	Sr4077
Units	ppm
Avg	-.000055
Stddev	.000070
%RSD	127.2875

#1	.000006
#2	-.000130
#3	-.000040

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2301.301	2541.777	49858.44	4579.157	3909.077
Stddev	7.633	3.671	360.16	24.834	7.592
%RSD	.3316764	.1444298	.7223625	.5423337	.1942115

#1	2308.904	2539.315	49676.71	4585.890	3900.343
#2	2301.359	2540.020	50273.26	4551.650	3912.795
#3	2293.639	2545.997	49625.35	4599.930	3914.093

Sample Name: PB117749BL Acquired: 03/08/2019 13:57:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS749 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005923	.0000499	-.000190	.0005575	-.000764	-.010601	-.001767
Stddev	.002074	.0013745	.001554	.0016074	.000448	.007235	.000849
%RSD	35.02260	2753.682	817.8963	288.3470	58.64219	68.24455	48.04363

#1	-.004586	-.001234	-.001637	-.000611	-.000488	-.018660	-.002077
#2	-.004870	.001500	-.000385	-.000107	-.001281	-.004665	-.000807
#3	-.008312	-.000116	.001452	.002391	-.000523	-.008479	-.002418

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000092	-.000020	.0054848	.0006883	-.000146	-.003593	.0114475
Stddev	.000059	.000046	.0360195	.0002049	.000178	.005772	.0241167
%RSD	64.55581	227.8849	656.7175	29.77540	122.0751	160.6176	210.6735

#1	-.000053	-.000070	-.005876	.0004812	-.000260	.002766	.0038023
#2	-.000063	-.000011	.045815	.0006926	-.000237	-.008500	.0384601
#3	-.000160	.000021	-.023484	.0008910	.000059	-.005046	-.007920

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022684	-.016678	-.000004	.0008579	.0700203	-.000131	.0047577
Stddev	.0017498	.022618	.000195	.0000735	.2379080	.004217	.0120121
%RSD	77.13839	135.6140	5506.272	8.564018	339.7702	3226.161	252.4785

#1	.0017172	-.038976	-.000134	.0009359	.0693177	.002299	.0172618
#2	.0008606	-.017305	.000221	.0007901	.3082788	.002309	-.006693
#3	.0042274	.006247	-.000098	.0008477	-.167536	-.005000	.003704

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.278350	.0007819	-.000750	-.000119	.0000906	-.000290	-.001165
Stddev	.054484	.0019027	.000626	.000162	.0009809	.000676	.000218
%RSD	19.57377	243.3473	83.49245	136.1269	1082.911	233.1659	18.68348

#1	-.323073	-.000789	-.001075	.000053	-.000716	-.000905	-.001337
#2	-.217669	.000237	-.000028	-.000141	-.000195	.000434	-.001238
#3	-.294308	.002898	-.001147	-.000269	.001183	-.000399	-.000920

Sample Name: PB117749BL Acquired: 03/08/2019 13:57:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS749 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0036117	-.001790	-.000162
Stddev	.0002307	.002487	.000041
%RSD	6.386656	138.9184	25.00328

#1	.0033494	-.004346	-.000198
#2	.0037029	-.001647	-.000171
#3	.0037829	.000622	-.000118

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2329.395	2553.467	50472.44	4602.900	3949.164
Stddev	11.327	8.532	263.90	44.811	14.491
%RSD	.4862808	.3341528	.5228557	.9735394	.3669296

#1	2316.803	2553.043	50205.57	4624.600	3954.057
#2	2332.627	2562.204	50733.27	4551.370	3960.574
#3	2338.755	2545.154	50478.48	4632.730	3932.860

Sample Name: PB117750BL Acquired: 03/08/2019 14:06:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: PBS750 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001244	-.000584	-.000795	.0010088	-.000142	.0160401	-.000791
Stddev	.001427	.001195	.000146	.0030509	.001194	.0181460	.000879
%RSD	114.7068	204.6091	18.40588	302.4217	838.4474	113.1284	111.0822

#1	-.000637	-.001080	-.000636	-.001116	-.001455	.0275652	-.000545
#2	-.000221	.000779	-.000924	.004505	.000149	.0254321	-.000062
#3	-.002874	-.001451	-.000825	-.000363	.000879	-.004877	-.001767

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000172	.0000473	.0131475	.0008542	-.000069	.0001534	.0353598
Stddev	.000011	.0000502	.0044895	.0002830	.000419	.0021867	.0187992
%RSD	6.154934	106.1739	34.14745	33.13386	604.2048	1425.263	53.16542

#1	-.000184	.0001013	.0143360	.0011799	-.000324	-.002155	.0570499
#2	-.000169	.0000383	.0081833	.0007141	-.000299	.002194	.0237628
#3	-.000163	.0000022	.0169232	.0006685	.000415	.000421	.0252668

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034215	-.014643	.0054266	.0004808	-.195840	.0030826	-.002978
Stddev	.0008145	.054066	.0003240	.0006173	.235578	.0018597	.014399
%RSD	23.80426	369.2158	5.969927	128.3944	120.2909	60.33034	483.4703

#1	.0040366	-.036493	.0057593	.0003093	-.380405	.0030913	-.019479
#2	.0037301	.046928	.0054083	.0011657	-.276616	.0012185	.003502
#3	.0024979	-.054365	.0051122	-.000033	.069500	.0049379	.007042

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.302673	.0033689	-.001217	.0001401	.0013640	-.001258	-.000346
Stddev	.028484	.0018384	.000537	.0002369	.0011903	.000894	.000274
%RSD	9.410840	54.56889	44.10592	169.1108	87.26332	71.05227	79.21126

#1	-.273451	.0031850	-.001267	-.000130	.0005468	-.000233	-.000080
#2	-.304212	.0052923	-.000657	.000239	.0008157	-.001667	-.000629
#3	-.330357	.0016294	-.001727	.000312	.0027297	-.001874	-.000330

Sample Name: PB117750BL Acquired: 03/08/2019 14:06:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: PBS750 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019190	-.001922	-.000125
Stddev	.0012568	.001466	.000163
%RSD	65.49545	76.29381	130.9927

#1	.0032256	-.002769	-.000272
#2	.0018126	-.000229	-.000154
#3	.0007187	-.002767	.000051

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2332.381	2560.526	50629.83	4640.600	3951.495
Stddev	8.131	11.074	112.95	27.152	16.734
%RSD	.3485955	.4325003	.2230941	.5850909	.4234828

#1	2341.632	2562.424	50562.54	4627.480	3952.516
#2	2326.368	2570.530	50760.24	4622.500	3967.696
#3	2329.143	2548.626	50566.72	4671.820	3934.274

Sample Name: PB117750BS Acquired: 03/08/2019 14:10:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: LCS750 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169266	.0481415	.0181992	.0623155	.1182323	.4110346
Stddev	.0008110	.0008480	.0007347	.0014804	.0012938	.0205391
%RSD	4.791432	1.761424	4.036972	2.375617	1.094292	4.996919

#1	.0166136	.0487772	.0173890	.0616880	.1168381	.4289430
#2	.0163187	.0471787	.0188221	.0612523	.1193942	.4155458
#3	.0178475	.0484686	.0183865	.0640063	.1184645	.3886149

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3678940	.0092454	.0098836	F 2.174153	.0237750	.0967868
Stddev	.0010963	.0000240	.0000129	.048898	.0002347	.0005101
%RSD	.2979836	.2600107	.1300195	2.249047	.9870341	.5270487

#1	.3689497	.0092595	.0098971	2.120179	.0240317	.0966801
#2	.3667612	.0092591	.0098716	2.215496	.0237218	.0963385
#3	.3679709	.0092177	.0098820	2.186785	.0235716	.0973419

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0541353	.2544695	.0366748	F 2.063733	.0793750	.0190977
Stddev	.0048686	.0327505	.0021396	.050195	.0004638	.0004577
%RSD	8.993389	12.87009	5.834023	2.432236	.5843021	2.396456

#1	.0506775	.2922615	.0377626	2.043638	.0788892	.0195500
#2	.0597030	.2343830	.0380520	2.120862	.0794226	.0186349
#3	.0520255	.2367641	.0342099	2.026699	.0798132	.0191083

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.438923	.1064464	.1079656	9.557820	.0225163	.0178868
Stddev	.165452	.0049366	.0143853	.062954	.0026892	.0008918
%RSD	1.752868	4.637686	13.32394	.6586697	11.94319	4.985721

#1	9.605907	.1121268	.1188636	9.485683	.0211287	.0175552
#2	9.435815	.1031934	.0916602	9.586110	.0208043	.0188969
#3	9.275047	.1040191	.1133729	9.601667	.0256158	.0172084

Sample Name: PB117750BS Acquired: 03/08/2019 14:10:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS750 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200250	.1823661	.1865483	.0133959	F .0015921	.0923329
Stddev	.0002090	.0022548	.0029098	.0009699	.0018236	.0010284
%RSD	1.043700	1.236431	1.559835	7.240522	114.5410	1.113790
#1	.0200995	.1847339	.1832662	.0142211	.0035571	.0926802
#2	.0201864	.1802444	.1888123	.0123275	-.000046	.0931427
#3	.0197889	.1821199	.1875665	.0136390	.001265	.0911759

Elem	Sr4077
Units	ppm
Avg	.2012442
Stddev	.0008076
%RSD	.4012865
#1	.2021448
#2	.2010031
#3	.2005846

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2316.851	2533.041	50408.87	4585.853	3954.429
Stddev	25.854	5.183	97.26	28.746	9.725
%RSD	1.115903	.2045986	.1929466	.6268476	.2459363
#1	2295.126	2538.550	50369.76	4615.660	3964.197
#2	2345.446	2532.310	50519.60	4558.300	3954.343
#3	2309.982	2528.262	50337.26	4583.600	3944.746

Sample Name: K1767-18 Acquired: 03/08/2019 17:23:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0654894	-.001691	.9471984	-.029740	.0048802	76.82382	1.772483
Stddev	.0036829	.000665	.0021599	.001385	.0007802	.36289	.006191
%RSD	5.623672	39.31644	.2280287	4.655976	15.98638	.4723700	.3492850

#1	.0669137	-.002426	.9462404	-.029984	.0048863	77.10925	1.779011
#2	.0682474	-.001516	.9456832	-.030986	.0040970	76.94681	1.771744
#3	.0613070	-.001131	.9496716	-.028249	.0056573	76.41542	1.766695

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082799	.0066202	29.17921	.1652246	.1325590	.2180263	194.4387
Stddev	.0000725	.0001034	.09518	.0002305	.0005461	.0034239	1.4415
%RSD	.8753992	1.562652	.3261893	.1395029	.4119920	1.570415	.7413811

#1	.0082137	.0066135	29.19842	.1654516	.1322808	.2185798	195.5208
#2	.0082688	.0067269	29.26331	.1652314	.1322079	.2143594	194.9930
#3	.0083574	.0065203	29.07589	.1649908	.1331882	.2211398	192.8023

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.44723	12.88869	.1267919	-.014484	-.249964	.3148488	1.513434
Stddev	.10256	.08940	.0006080	.000445	.275828	.0067861	.016373
%RSD	.8239208	.6936154	.4795077	3.073000	110.3470	2.155359	1.081863

#1	12.50486	12.96003	.1273683	-.014042	-.181448	.3104769	1.529140
#2	12.50802	12.91763	.1261567	-.014932	-.553593	.3226665	1.496466
#3	12.32883	12.78841	.1268507	-.014479	-.014852	.3114031	1.514696

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.71429	10.54829	.1738565	.0067513	3.944441	1.998364	.0235781
Stddev	.02392	.03044	.0027117	.0001717	.009192	.016174	.0006067
%RSD	.1881332	.2885308	1.559726	2.542869	.2330265	.8093684	2.572996

#1	12.68913	10.55709	.1769456	.0069440	3.953235	1.982945	.0237592
#2	12.71702	10.51442	.1718689	.0066953	3.945191	1.996948	.0240735
#3	12.73673	10.57335	.1727550	.0066147	3.934898	2.015200	.0229015

Sample Name: K1767-18 Acquired: 03/08/2019 17:23:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGN8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5137995	.0390101	.0915243
Stddev	.0052223	.0007923	.0003916
%RSD	1.016418	2.030926	.4279125

#1	.5169417	.0399234	.0919764
#2	.5166856	.0385985	.0912885
#3	.5077710	.0385083	.0913080

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2561.466	2806.923	56001.00	5132.016	3888.694
Stddev	17.371	9.766	165.07	32.882	13.275
%RSD	.6781657	.3479150	.2947590	.6407228	.3413739

#1	2554.078	2805.003	55858.36	5165.139	3884.280
#2	2581.310	2817.506	55962.83	5131.527	3903.614
#3	2549.011	2798.259	56181.80	5099.380	3878.188

Sample Name: K1765-01 Acquired: 03/08/2019 14:14:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGK3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0831719	.0004473	.7842845	-.032412	.0044526	85.69362	3.673352
Stddev	.0040685	.0033988	.0026210	.000265	.0011077	.16965	.000474
%RSD	4.891646	759.8110	.3341866	.8187130	24.87659	.1979728	.0129048

#1	.0809964	-.002439	.7818025	-.032268	.0040135	85.76178	3.673199
#2	.0878656	.004193	.7870252	-.032250	.0036318	85.50050	3.673884
#3	.0806537	-.000412	.7840258	-.032718	.0057125	85.81860	3.672974

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107019	.0057115	105.7346	.1371203	.1526267	.1622344	198.8116
Stddev	.0001236	.0001139	.2857	.0013690	.0007147	.0020020	1.3645
%RSD	1.155168	1.994000	.2702486	.9983729	.4682671	1.234044	.6863163

#1	.0108441	.0058388	105.7494	.1385363	.1521605	.1645360	199.3764
#2	.0106419	.0056193	105.4417	.1358038	.1522700	.1608963	197.2554
#3	.0106197	.0056764	106.0126	.1370209	.1534495	.1612710	199.8029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.15320	51.77886	.1564744	-.015805	.2976640	.3172259	1.324202
Stddev	.05671	.22253	.0011099	.000547	.2770627	.0010055	.032563
%RSD	.5084481	.4297773	.7093280	3.459649	93.07901	.3169508	2.459054

#1	11.16612	51.91052	.1559423	-.016419	.5026310	.3168328	1.322306
#2	11.09114	51.52193	.1557308	-.015629	.4079130	.3164764	1.292629
#3	11.20233	51.90413	.1577502	-.015369	-.017552	.3183685	1.357671

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.707585	6.445204	.1844323	.0043565	3.733052	3.098104	.0078648
Stddev	.053702	.022645	.0028921	.0002631	.006206	.051810	.0010613
%RSD	.6167276	.3513398	1.568109	6.039206	.1662393	1.672303	13.49405

#1	8.748275	6.440836	.1875362	.0041196	3.728381	3.124826	.0071528
#2	8.646716	6.425062	.1839476	.0046396	3.730681	3.131097	.0090846
#3	8.727763	6.469715	.1818132	.0043102	3.740094	3.038389	.0073570

Sample Name: K1765-01 Acquired: 03/08/2019 14:14:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGK3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4156197	.0451801	.1172936
Stddev	.0061345	.0013524	.0000366
%RSD	1.475990	2.993422	.0312259

#1	.4103585	.0448733	.1172518
#2	.4223578	.0466595	.1173089
#3	.4141428	.0440073	.1173201

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2717.497	2973.389	59687.54	5581.789	3798.864
Stddev	24.554	10.296	238.27	16.480	15.670
%RSD	.9035372	.3462570	.3991876	.2952495	.4124915

#1	2726.950	2977.963	59663.83	5587.405	3807.278
#2	2689.622	2980.606	59462.02	5563.235	3808.531
#3	2735.920	2961.600	59936.78	5594.727	3780.785

Sample Name: K1765-02 Acquired: 03/08/2019 14:18:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGK4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1271388	.0049896	.8724489	-.038253	.0056750	66.15332	6.711988
Stddev	.0034885	.0046401	.0048249	.003671	.0007921	.08838	.010441
%RSD	2.743856	92.99471	.5530342	9.597366	13.95834	.1336042	.1555503

#1	.1239613	.0103396	.8694396	-.034016	.0064109	66.05633	6.719430
#2	.1308717	.0020618	.8698930	-.040481	.0057776	66.22932	6.716481
#3	.1265835	.0025675	.8780141	-.040263	.0048366	66.17431	6.700053

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077558	.0042769	25.15133	.2568637	.0846858	.7024550	248.1896
Stddev	.0001338	.0000358	.06256	.0007441	.0005654	.0051280	.7996
%RSD	1.725530	.8372083	.2487447	.2897054	.6676856	.7300116	.3221727

#1	.0076884	.0042461	25.10098	.2577221	.0842874	.7027513	247.6480
#2	.0076692	.0043162	25.22137	.2564686	.0844372	.6971854	249.1079
#3	.0079100	.0042685	25.13165	.2564005	.0853330	.7074285	247.8128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.597697	10.54472	.0688263	-.020824	-.161329	.4104344	.9814491
Stddev	.016981	.05898	.0006568	.000398	.140484	.0063290	.0134170
%RSD	.3693415	.5592849	.9542268	1.911380	87.07924	1.542027	1.367061

#1	4.578268	10.53383	.0684377	-.020456	-.173384	.4032033	.9831692
#2	4.605122	10.60838	.0684566	-.020770	-.295398	.4149659	.9939231
#3	4.609701	10.49195	.0695846	-.021246	-.015206	.4131341	.9672550

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.128798	3.611545	.2204992	.0094588	4.099017	7.156062	.0241934
Stddev	.031020	.015137	.0061906	.0001941	.018615	.040590	.0010468
%RSD	.7513011	.4191371	2.807523	2.051807	.4541214	.5672074	4.326896

#1	4.123591	3.604081	.2172603	.0092685	4.082068	7.180022	.0250271
#2	4.100710	3.601589	.2276373	.0094514	4.096042	7.109197	.0245344
#3	4.162091	3.628965	.2166001	.0096565	4.118939	7.178967	.0230185

Sample Name: K1765-02 Acquired: 03/08/2019 14:18:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGK4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8472656	.0364250	.1250530
Stddev	.0126912	.0003963	.0005789
%RSD	1.497903	1.087853	.4628918

#1	.8548621	.0359852	.1251688
#2	.8543203	.0367541	.1244251
#3	.8326144	.0365358	.1255653

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2499.781	2726.776	54443.11	5001.527	3970.703
Stddev	10.910	9.614	140.94	44.636	15.107
%RSD	.4364496	.3525788	.2588803	.8924509	.3804516

#1	2503.663	2728.600	54289.00	4993.941	3981.826
#2	2487.460	2735.348	54565.47	5049.470	3976.780
#3	2508.218	2716.381	54474.85	4961.170	3953.505

Sample Name: K1765-03 Acquired: 03/08/2019 14:22:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGK5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1430277	-.002158	2.898454	-.054372	.0159694	26.42014
Stddev	.0043540	.000594	.010893	.002230	.0039998	.21050
%RSD	3.044194	27.50515	.3758072	4.102169	25.04682	.7967446

#1	.1411026	-.001584	2.892596	-.056860	.0180147	26.38276
#2	.1399680	-.002769	2.891743	-.052552	.0113605	26.64683
#3	.1480124	-.002122	2.911021	-.053705	.0185330	26.23083

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 25.31079	.0062497	.0342167	F 1359.298	.1778582	.0803571
Stddev	.31152	.0000565	.0002642	13.639	.0011202	.0006652
%RSD	1.230766	.9034672	.7722113	1.003380	.6298091	.8278077

#1	25.43211	.0062429	.0342366	1356.445	.1777193	.0806936
#2	25.54339	.0061970	.0339432	1374.138	.1768140	.0795908
#3	24.95686	.0063093	.0344705	1347.312	.1790414	.0807867

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3359563	290.2464	5.389940	790.1028	.1114369	-.027666
Stddev	.0006921	2.7662	.067822	7.3484	.0009786	.000387
%RSD	.2059967	.9530642	1.258306	.9300620	.8781969	1.399658

#1	.3361923	289.8086	5.383283	788.7787	.1106507	-.027896
#2	.3351770	293.2055	5.460845	798.0234	.1111270	-.027219
#3	.3364994	287.7253	5.325692	783.5065	.1125330	-.027884

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.299886	.2780843	7.505720	2.799358	4.308503	.2556155
Stddev	.169408	.0122340	.086431	.106254	.021450	.0125954
%RSD	7.365938	4.399371	1.151529	3.795668	.4978588	4.927500

#1	2.291716	.2899441	7.520325	2.701811	4.308620	.2514788
#2	2.473231	.2788011	7.583917	2.783684	4.286995	.2697591
#3	2.134710	.2655077	7.412917	2.912579	4.329895	.2456086

Sample Name: K1765-03 Acquired: 03/08/2019 14:22:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGK5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0551714	15.34686	1.638985	.0109759	.3021923	.0631799
Stddev	.0005388	.05226	.026398	.0007010	.0065771	.0006570
%RSD	.9765542	.3405419	1.610658	6.386515	2.176469	1.039906
#1	.0549586	15.40572	1.644037	.0110604	.3009937	.0631045
#2	.0557841	15.32897	1.610426	.0116307	.3092863	.0638714
#3	.0547715	15.30589	1.662493	.0102364	.2962970	.0625639

Elem	Sr4077
Units	ppm
Avg	.7559837
Stddev	.0021439
%RSD	.2835887
#1	.7558769
#2	.7538951
#3	.7581789

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2109.210	2254.468	48216.54	4529.511	3105.349
Stddev	18.360	4.595	304.78	19.428	9.409
%RSD	.8704564	.2038013	.6321075	.4289167	.3029920
#1	2114.833	2254.032	48464.63	4535.921	3100.712
#2	2088.697	2259.266	47876.32	4507.689	3116.177
#3	2124.101	2250.108	48308.67	4544.924	3099.159

Sample Name: K1765-05 Acquired: 03/08/2019 14:30:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGK6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0966475	.0021705	.5922678	-.034210	.0048556	83.19760	1.914405
Stddev	.0068384	.0023852	.0023828	.000789	.0009114	.24236	.003276
%RSD	7.075630	109.8896	.4023188	2.306540	18.77070	.2913090	.1711217

#1	.0947020	.0038012	.5895884	-.034598	.0048102	82.99109	1.917284
#2	.0909926	-.000567	.5930656	-.034729	.0057888	83.46442	1.915091
#3	.1042479	.003277	.5941493	-.033302	.0039677	83.13729	1.910841

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090914	.0026076	11.68542	.2053244	.2439204	.0770886	234.9371
Stddev	.0001239	.0000341	.08461	.0023892	.0011893	.0040656	2.9019
%RSD	1.362567	1.307091	.7240918	1.163606	.4875901	5.273920	1.235166

#1	.0091025	.0026042	11.60057	.2060681	.2449313	.0746742	231.8022
#2	.0092094	.0025752	11.76979	.2072532	.2426099	.0748091	237.5294
#3	.0089624	.0026432	11.68589	.2026518	.2442200	.0817825	235.4795

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.59310	11.77163	.0857556	-.018097	-.026919	.4154757	.9690646
Stddev	.19019	.18379	.0006944	.000609	.225131	.0028682	.0346778
%RSD	1.219718	1.561333	.8097222	3.364473	836.3328	.6903306	3.578482

#1	15.39623	11.59170	.0851602	-.018519	.105069	.4130119	.9477000
#2	15.77583	11.95906	.0865183	-.018372	.101041	.4147909	1.009076
#3	15.60725	11.76414	.0855882	-.017399	-.286867	.4186242	.950417

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.287848	3.725386	.2195743	.0109292	2.285172	12.66203	.0092636
Stddev	.067022	.003944	.0073920	.0001104	.002588	.17967	.0007800
%RSD	.8086809	.1058571	3.366536	1.009868	.1132339	1.418993	8.419820

#1	8.213574	3.729903	.2116618	.0108358	2.287859	12.67208	.0087350
#2	8.343812	3.723628	.2263030	.0110510	2.282697	12.83647	.0101594
#3	8.306160	3.722627	.2207581	.0109010	2.284960	12.47754	.0088963

Sample Name: K1765-05 Acquired: 03/08/2019 14:30:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGK6D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9149420	.0551182	.0858214
Stddev	.0079071	.0010267	.0001260
%RSD	.8642229	1.862689	.1468309

#1	.9140752	.0553069	.0856776
#2	.9232469	.0540103	.0859127
#3	.9075040	.0560375	.0858738

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2477.212	2703.790	54129.74	4998.564	3934.468
Stddev	4.500	5.418	159.16	20.080	12.568
%RSD	.1816692	.2004011	.2940312	.4017209	.3194236

#1	2472.181	2706.477	54120.76	4982.095	3937.228
#2	2478.601	2707.340	53975.25	4992.664	3945.426
#3	2480.854	2697.553	54293.19	5020.933	3920.750

Sample Name: K1765-04 Acquired: 03/08/2019 14:26:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGK6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0979701	.0013660	.5917794	-.031989	.0050598	83.06273	1.916990
Stddev	.0029374	.0023658	.0033771	.002985	.0010005	.29708	.003611
%RSD	2.998230	173.1954	.5706636	9.330921	19.77308	.3576547	.1883753

#1	.0993796	.0012481	.5943980	-.035011	.0043859	82.72119	1.917457
#2	.0999370	.0037885	.5879677	-.031914	.0045840	83.26125	1.920344
#3	.0945936	-.000939	.5929724	-.029043	.0062093	83.20573	1.913167

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093723	.0025817	11.66429	.2037357	.2431678	.0759971	234.5584
Stddev	.0000776	.0001843	.12501	.0009120	.0006519	.0040326	1.1866
%RSD	.8277556	7.137988	1.071746	.4476282	.2680966	5.306313	.5058867

#1	.0093877	.0025538	11.53120	.2027796	.2432374	.0787181	233.3229
#2	.0092881	.0024130	11.77924	.2038317	.2424839	.0713641	234.6632
#3	.0094410	.0027784	11.68242	.2045959	.2437821	.0779090	235.6892

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.51105	11.77259	.0853737	-.018736	-.222963	.4092983	.9744894
Stddev	.13347	.12944	.0000370	.000632	.225417	.0035920	.0077413
%RSD	.8604938	1.099531	.0433093	3.373706	101.1005	.8775937	.7943917

#1	15.37229	11.64609	.0853807	-.019001	-.418620	.4067670	.9685065
#2	15.52235	11.76688	.0853338	-.018014	.023531	.4077185	.9832324
#3	15.63852	11.90479	.0854067	-.019192	-.273799	.4134094	.9717293

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.225588	3.726579	.2156100	.0109024	2.300683	12.74760	.0108637
Stddev	.066245	.017527	.0038651	.0001741	.007865	.19427	.0010615
%RSD	.8053498	.4703219	1.792651	1.596526	.3418568	1.523992	9.770686

#1	8.151597	3.708979	.2199924	.0111030	2.292181	12.59381	.0098300
#2	8.279387	3.726724	.2141503	.0108128	2.307699	12.68307	.0108101
#3	8.245779	3.744032	.2126872	.0107914	2.302167	12.96593	.0119509

Sample Name: K1765-04 Acquired: 03/08/2019 14:26:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGK6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8868922	.0542722	.0864779
Stddev	.0220391	.0014793	.0007062
%RSD	2.484983	2.725792	.8166382

#1	.8752440	.0529260	.0871113
#2	.8731213	.0558560	.0866060
#3	.9123112	.0540347	.0857164

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.159	2696.762	53980.97	4948.716	3919.446
Stddev	6.212	1.907	83.74	24.498	7.287
%RSD	.2505569	.0707191	.1551320	.4950395	.1859291

#1	2472.355	2698.832	54076.62	4974.153	3925.534
#2	2480.593	2696.375	53945.42	4946.714	3921.433
#3	2484.528	2695.077	53920.87	4925.280	3911.371

Sample Name: K1765-04LX5 Acquired: 03/08/2019 14:38:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGK6L Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0247629	.0019965	.1194032	-.008626	.0003304	17.34456	.3989772
Stddev	.0034984	.0023962	.0004594	.001278	.0007299	.07242	.0017588
%RSD	14.12770	120.0201	.3847258	14.81679	220.9114	.4175345	.4408303

#1	.0288010	.0043038	.1194348	-.007224	-.000382	17.40587	.4009969
#2	.0228401	-.000480	.1189288	-.008928	.001076	17.26466	.3977828
#3	.0226475	.002165	.1198459	-.009725	.000297	17.36316	.3981520

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019134	.0003811	2.467310	.0431921	.0488687	.0116553	49.87196
Stddev	.0000436	.0000239	.030702	.0003915	.0004803	.0062508	.48168
%RSD	2.280257	6.273013	1.244342	.9063924	.9828028	53.63085	.9658305

#1	.0019377	.0003971	2.473959	.0428901	.0483149	.0148489	50.42593
#2	.0018630	.0003536	2.433828	.0430517	.0491711	.0044528	49.55188
#3	.0019393	.0003927	2.494142	.0436344	.0491200	.0156643	49.63808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.310815	2.486887	.0170852	-.003382	-.069819	.0908794	.1485895
Stddev	.043248	.152110	.0000779	.000113	.178363	.0065088	.0519692
%RSD	1.306253	6.116468	.4561844	3.332013	255.4648	7.162031	34.97500

#1	3.348855	2.637214	.0171737	-.003283	-.241390	.0835051	.2036254
#2	3.263776	2.490393	.0170554	-.003358	-.082703	.0958235	.1003573
#3	3.319814	2.333055	.0170266	-.003504	.114637	.0933095	.1417857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.654935	.7551568	.0465254	.0022155	.4663022	2.454282	.0014942
Stddev	.035757	.0041101	.0025536	.0002281	.0045692	.033868	.0007851
%RSD	2.160631	.5442675	5.488563	10.29591	.9798800	1.379958	52.54633

#1	1.692820	.7558797	.0491337	.0021381	.4631106	2.484393	.0019396
#2	1.621776	.7507332	.0464123	.0020362	.4715364	2.417615	.0019553
#3	1.650208	.7588574	.0440303	.0024722	.4642596	2.460837	.0005876

Sample Name: K1765-04LX5 Acquired: 03/08/2019 14:38:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGK6L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1779858	.0116296	.0176194
Stddev	.0059119	.0017883	.0001713
%RSD	3.321540	15.37708	.9724161

#1	.1723527	.0119674	.0174254
#2	.1774629	.0096965	.0176830
#3	.1841417	.0132249	.0177498

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2343.326	2577.999	50790.64	4643.873	3946.108
Stddev	21.111	6.599	242.64	25.010	3.450
%RSD	.9008939	.2559903	.4777182	.5385539	.0874173

#1	2351.664	2585.555	50987.00	4644.680	3950.090
#2	2319.320	2575.074	50519.38	4668.470	3944.019
#3	2358.995	2573.367	50865.53	4618.470	3944.215

Sample Name: K1765-06 Acquired: 03/08/2019 14:34:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGK6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1777751	.1103238	.6359799	-.019454	.0423784	91.63898	5.949959
Stddev	.0013403	.0033582	.0004571	.005432	.0005849	.58293	.012507
%RSD	.7539113	3.043919	.0718714	27.92114	1.380139	.6361113	.2102110

#1	.1762516	.1088330	.6365063	-.015116	.0428212	91.77989	5.949942
#2	.1783011	.1079691	.6357495	-.025546	.0417153	90.99852	5.937461
#3	.1787726	.1141692	.6356838	-.017700	.0425986	92.13854	5.962475

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1022311	.1061624	11.43231	.6223581	1.271833	.5932604	244.9151
Stddev	.0003490	.0004465	.17571	.0006370	.005128	.0130344	2.4011
%RSD	.3413728	.4205939	1.536991	.1023591	.4031878	2.197078	.9803700

#1	.1021082	.1059980	11.43603	.6230175	1.268732	.6076634	245.8675
#2	.1026249	.1058214	11.25476	.6223108	1.269015	.5822758	242.1839
#3	.1019601	.1066678	11.60613	.6217460	1.277752	.5898421	246.6939

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.03985	11.80858	1.117819	.0751085	-.149135	1.402209	1.919738
Stddev	.15518	.22571	.004132	.0007836	.142937	.007585	.030680
%RSD	.9107070	1.911427	.3696340	1.043330	95.84428	.5409528	1.598124

#1	17.11474	11.68980	1.114078	.0742498	-.216911	1.403776	1.952637
#2	16.86143	11.66707	1.117126	.0757848	.015083	1.393962	1.914669
#3	17.14339	12.06888	1.122254	.0752910	-.245576	1.408888	1.891908

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.346947	3.618081	.2248081	.0120136	2.107490	11.99568	.0113139
Stddev	.084428	.013204	.0117273	.0003150	.013077	.06845	.0009579
%RSD	1.011483	.3649447	5.216599	2.621849	.6205021	.5706473	8.467024

#1	8.440290	3.619361	.2352145	.0123710	2.093396	11.93559	.0105029
#2	8.324635	3.604283	.2121009	.0117764	2.109841	12.07020	.0123709
#3	8.275917	3.630598	.2271090	.0118934	2.119231	11.98126	.0110680

Sample Name: K1765-06 Acquired: 03/08/2019 14:34:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGK6S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9093539	.0570101	.0878527
Stddev	.0144630	.0018787	.0007295
%RSD	1.590472	3.295435	.8303993

#1	.9115472	.0589373	.0874839
#2	.9225950	.0569091	.0886930
#3	.8939195	.0551839	.0873812

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2457.096	2681.663	53921.85	4944.990	3903.337
Stddev	17.131	7.461	99.20	10.206	8.291
%RSD	.6972121	.2782161	.1839731	.2063949	.2124028

#1	2462.507	2681.522	53876.80	4951.687	3902.740
#2	2470.867	2689.194	54035.58	4950.040	3911.911
#3	2437.912	2674.274	53853.16	4933.244	3895.361

Sample Name: K1765-07 Acquired: 03/08/2019 14:42:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGK7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1201900	.0010610	.9849100	-.034829	.0039420	81.40303	14.81680
Stddev	.0024882	.0030485	.0029751	.001611	.0025858	.27225	.01431
%RSD	2.070252	287.3119	.3020671	4.624920	65.59698	.3344436	.0965736

#1	.1216633	.0044313	.9823924	-.036100	.0045592	81.46181	14.80045
#2	.1215896	.0002560	.9841446	-.033018	.0011034	81.64108	14.82707
#3	.1173172	-.001504	.9881930	-.035369	.0061633	81.10619	14.82288

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090615	.0063397	105.0615	.1906017	.1967481	.0797654	238.4358
Stddev	.0001837	.0001929	.8339	.0006762	.0004302	.0028470	1.9128
%RSD	2.027632	3.042062	.7937359	.3547753	.2186688	3.569254	.8022210

#1	.0088929	.0062471	105.3867	.1907406	.1962904	.0830528	238.7925
#2	.0092573	.0062105	105.6838	.1898668	.1968097	.0781339	240.1452
#3	.0090342	.0065614	104.1140	.1911976	.1971442	.0781095	236.3698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.56604	58.40619	.0921292	-.017650	.0337720	.4443884	1.131287
Stddev	.20251	.69875	.0000689	.000317	.3120639	.0030382	.060424
%RSD	.9390001	1.196366	.0747324	1.798582	924.0303	.6836735	5.341166

#1	21.65189	58.49882	.0920528	-.017642	-.021333	.4443190	1.184479
#2	21.71147	59.05401	.0921863	-.017336	-.247068	.4474606	1.143793
#3	21.33475	57.66575	.0921486	-.017971	.369718	.4413855	1.065588

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.885868	3.642479	.2122669	.0095485	4.893615	3.088014	.0045570
Stddev	.101223	.020107	.0065806	.0001016	.020281	.056372	.0008188
%RSD	1.470016	.5520088	3.100155	1.063768	.4144447	1.825524	17.96823

#1	6.925820	3.635779	.2153033	.0095228	4.883378	3.023170	.0054703
#2	6.770766	3.626578	.2167811	.0096604	4.880493	3.125368	.0043121
#3	6.961019	3.665081	.2047163	.0094622	4.916975	3.115503	.0038886

Sample Name: K1765-07 Acquired: 03/08/2019 14:42:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGK7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5975401	.0539858	.2078990
Stddev	.0092122	.0006861	.0001754
%RSD	1.541682	1.270968	.0843769

#1	.6009145	.0532588	.2080435
#2	.6045893	.0546220	.2077038
#3	.5871166	.0540766	.2079498

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2466.547	2681.775	54056.66	5060.815	3767.692
Stddev	14.754	6.600	253.24	17.560	12.754
%RSD	.5981463	.2461135	.4684794	.3469709	.3385046

#1	2456.836	2685.904	54035.01	5057.265	3770.516
#2	2459.280	2685.257	53814.94	5079.878	3778.797
#3	2483.524	2674.163	54320.04	5045.301	3753.763

Sample Name: K1765-08 Acquired: 03/08/2019 14:46:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGK8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0873700	.0008282	.6791280	-.026499	.0039715	85.24922	4.303214
Stddev	.0038121	.0018408	.0042005	.002385	.0019097	.34188	.002749
%RSD	4.363205	222.2719	.6185199	8.998336	48.08481	.4010385	.0638790

#1	.0904035	.0014891	.6764674	-.027033	.0021287	85.54418	4.306360
#2	.0830909	.0022473	.6769462	-.023893	.0038441	85.32898	4.302008
#3	.0886156	-.001252	.6839705	-.028572	.0059417	84.87451	4.301274

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117412	.0058082	22.79606	.1630240	.2789725	.1025265	165.7479
Stddev	.0001007	.0000245	.09238	.0004441	.0006816	.0011069	1.4288
%RSD	.8573916	.4209450	.4052247	.2723941	.2443153	1.079581	.8620223

#1	.0117523	.0058342	22.87003	.1626040	.2787273	.1018076	167.3917
#2	.0116354	.0057856	22.82562	.1629792	.2784474	.1019708	165.0478
#3	.0118358	.0058048	22.69252	.1634887	.2797427	.1038011	164.8042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.52853	10.53886	.1352397	-.011452	.2331389	.3290219	.6391701
Stddev	.13213	.05362	.0008978	.000390	.1914792	.0017464	.0253534
%RSD	.7130896	.5087801	.6638434	3.402184	82.13095	.5307846	3.966609

#1	18.63207	10.48721	.1350058	-.011582	.4486529	.3306461	.6502552
#2	18.57380	10.53510	.1344820	-.011014	.1681550	.3271747	.6570932
#3	18.37972	10.59425	.1362313	-.011760	.0826087	.3292448	.6101620

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.978262	4.252202	.1582554	.0067182	3.670368	4.182524	.0073279
Stddev	.067956	.017442	.0057288	.0001453	.007545	.062472	.0015026
%RSD	.9738225	.4101963	3.619961	2.163147	.2055692	1.493634	20.50523

#1	6.913391	4.252899	.1632753	.0065605	3.671703	4.139322	.0056917
#2	6.972463	4.234421	.1594764	.0068467	3.662244	4.154095	.0076462
#3	7.048931	4.269285	.1520146	.0067472	3.677156	4.254154	.0086459

Sample Name: K1765-08 Acquired: 03/08/2019 14:46:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGK8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6123480	.0583850	.1704017
Stddev	.0165896	.0008379	.0005158
%RSD	2.709177	1.435144	.3027145

#1	.6027690	.0592881	.1698061
#2	.6315040	.0582343	.1707080
#3	.6027709	.0576327	.1706909

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2572.870	2819.595	56398.89	5231.739	3869.051
Stddev	30.611	2.680	265.26	25.115	6.188
%RSD	1.189745	.0950540	.4703314	.4800416	.1599376

#1	2574.576	2822.491	56394.19	5259.654	3870.666
#2	2541.442	2819.092	56136.01	5224.586	3874.271
#3	2602.592	2817.202	56666.48	5210.977	3862.215

Sample Name: K1765-09 Acquired: 03/08/2019 14:50:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGK9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0977173	.0055289	1.214534	-.029379	.0041876	102.3873	2.214989
Stddev	.0022136	.0016124	.007387	.003443	.0021544	.4813	.010320
%RSD	2.265306	29.16330	.6081994	11.71879	51.44597	.4700413	.4659288

#1	.0983249	.0047693	1.214413	-.031756	.0032367	101.9495	2.208989
#2	.0952634	.0073808	1.207209	-.030950	.0026724	102.9026	2.226906
#3	.0995637	.0044365	1.221981	-.025431	.0066539	102.3098	2.209073

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085215	.0030714	28.44235	.1589920	.1687501	.1147032	221.8201
Stddev	.0000249	.0001134	.18449	.0002425	.0010550	.0048034	1.0357
%RSD	.2922972	3.690622	.6486333	.1525575	.6252085	4.187708	.4668930

#1	.0085472	.0031245	28.48445	.1587480	.1682137	.1092431	221.8465
#2	.0085198	.0029413	28.60214	.1592331	.1680711	.1182780	222.8423
#3	.0084974	.0031485	28.24045	.1589949	.1699656	.1165884	220.7715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.01426	19.57373	.0981397	-.017146	-.416860	.3964127	.5966451
Stddev	.08361	.24602	.0003323	.000594	.315074	.0050999	.0055008
%RSD	.5220722	1.256904	.3386187	3.467283	75.58275	1.286525	.9219568

#1	16.01846	19.75002	.0984353	-.016765	-.083926	.3978289	.5925006
#2	16.09569	19.67852	.0977800	-.017831	-.456292	.3907543	.5945489
#3	15.92864	19.29267	.0982038	-.016842	-.710362	.4006549	.6028858

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.777860	3.819160	.1946561	.0086515	2.888285	6.043631	.0061818
Stddev	.073738	.024349	.0029001	.0002442	.010439	.091663	.0011265
%RSD	.8400417	.6375393	1.489841	2.822154	.3614414	1.516682	18.22317

#1	8.772029	3.813645	.1935598	.0083941	2.887573	6.116030	.0052628
#2	8.854340	3.798042	.1979446	.0088797	2.878220	6.074297	.0074385
#3	8.707211	3.845793	.1924641	.0086808	2.899062	5.940568	.0058440

Sample Name: K1765-09 Acquired: 03/08/2019 14:50:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGK9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6799800	.0667797	.1391086
Stddev	.0073955	.0004460	.0005971
%RSD	1.087605	.6678793	.4291974

#1	.6804761	.0662809	.1392962
#2	.6871150	.0671401	.1395893
#3	.6723490	.0669182	.1384403

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2570.611	2762.925	55681.46	5093.189	3883.193
Stddev	4.341	5.233	44.14	24.638	10.514
%RSD	.1688518	.1893833	.0792710	.4837499	.2707620

#1	2571.425	2762.989	55684.03	5081.938	3889.281
#2	2565.921	2768.124	55724.26	5076.185	3889.246
#3	2574.487	2757.660	55636.09	5121.444	3871.053

Sample Name: K1765-10 Acquired: 03/08/2019 14:54:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGLO Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1611020	.0036625	.6045207	-.049938	.0083176	117.0810	2.895896
Stddev	.0022906	.0038105	.0009981	.002717	.0023799	.3628	.008496
%RSD	1.421812	104.0406	.1651013	5.439944	28.61255	.3098888	.2933774

#1	.1592706	.0047263	.6052230	-.052207	.0093844	116.7292	2.886341
#2	.1636703	-.000567	.6049609	-.050679	.0055909	117.4539	2.902600
#3	.1603650	.006828	.6033782	-.046928	.0099773	117.0600	2.898747

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114925	.0040980	56.68808	.4144919	.2022620	.1643708	334.7674
Stddev	.0001477	.0001861	.11708	.0030809	.0004367	.0018365	1.4908
%RSD	1.285183	4.540724	.2065421	.7433083	.2158973	1.117306	.4453105

#1	.0113757	.0039085	56.77181	.4149191	.2025518	.1633827	336.3633
#2	.0114433	.0042804	56.73815	.4112196	.2017598	.1664898	334.5281
#3	.0116585	.0041052	56.55429	.4173369	.2024745	.1632398	333.4107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.54235	30.72924	.1005366	-.028007	8.564991	.6544722	.6798068
Stddev	.04499	.18326	.0007143	.000093	.110590	.0051096	.0187033
%RSD	.3322122	.5963649	.7104671	.3317745	1.291187	.7807146	2.751264

#1	13.56547	30.77136	.1011540	-.027900	8.602844	.6498263	.6993839
#2	13.57108	30.88777	.0997543	-.028071	8.651685	.6536458	.6779155
#3	13.49050	30.52859	.1007016	-.028049	8.440445	.6599446	.6621211

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.584740	5.121433	.2941860	.0138454	5.024366	3.121066	.0089847
Stddev	.068955	.020280	.0062422	.0003141	.009819	.052691	.0009672
%RSD	.9091294	.3959755	2.121853	2.268588	.1954237	1.688233	10.76519

#1	7.508043	5.132354	.3002931	.0136279	5.032946	3.093405	.0079605
#2	7.604566	5.098033	.2944480	.0142055	5.013658	3.087966	.0098825
#3	7.641610	5.133911	.2878169	.0137029	5.026495	3.181827	.0091111

Sample Name: K1765-10 Acquired: 03/08/2019 14:54:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGL0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.303138	.0628517	.2004283
Stddev	.004852	.0009208	.0005227
%RSD	.3723419	1.465100	.2608029

#1	1.300652	.0635727	.2002502
#2	1.300032	.0618144	.2000179
#3	1.308729	.0631680	.2010168

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2510.512	2735.432	55041.16	5114.432	3784.768
Stddev	28.238	9.095	116.48	28.666	8.042
%RSD	1.124810	.3324797	.2116319	.5604905	.2124912

#1	2490.993	2744.584	54906.69	5106.377	3784.986
#2	2497.651	2735.317	55111.03	5090.655	3792.699
#3	2542.891	2726.396	55105.75	5146.264	3776.618

Sample Name: CCB050 Acquired: 03/08/2019 15:06:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002427	.0019876	.0019623	.0006072	-.000965	.0167039	-.001598
Stddev	.002107	.0023593	.0012867	.0027998	.002012	.0157621	.000107
%RSD	86.84363	118.6976	65.56995	461.1276	208.5212	94.36205	6.686406

#1	-.000042	.0043060	.0030527	.0037214	.001348	.0312197	-.001600
#2	-.003198	-.000411	.0022910	-.001702	-.002306	-.000063	-.001490
#3	-.004040	.002067	.0005431	-.000198	-.001936	.018955	-.001704

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000052	-.000026	-.000235	.0003070	-.000083	.0016961	.0153850
Stddev	.000046	.000122	.016349	.0004685	.000434	.0029091	.0150048
%RSD	89.20789	477.0477	6970.521	152.6392	525.4618	171.5177	97.52874

#1	-.000091	.000112	-.015908	.0001046	.000305	.0013069	-.000798
#2	-.000064	-.000121	-.001511	.0008426	-.000551	.0047802	.028836
#3	-.000001	-.000068	.016715	-.000026	-.000002	-.000999	.018118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015206	.0554115	-.000140	.0006047	.0465304	-.000641	.0095283
Stddev	.0015218	.0179200	.000203	.0004199	.0594656	.008148	.0060105
%RSD	100.0814	32.33993	144.6880	69.43676	127.7994	1271.589	63.08091

#1	.0019558	.0403090	-.000086	.0003518	-.022133	.006358	.0087972
#2	.0027774	.0752128	-.000365	.0003730	.080426	-.009585	.0158709
#3	-.000171	.0507128	.000030	.0010894	.081298	.001305	.0039167

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0405058	-.001879	.0061154	.0001788	-.004103	.0006225	-.000284
Stddev	.0154034	.000957	.0006886	.0001321	.002975	.0009223	.000809
%RSD	38.02752	50.91927	11.26081	73.92329	72.51471	148.1663	285.1670

#1	.0408613	-.001960	.0066704	.0001251	-.000680	-.000415	-.001121
#2	.0557283	-.000884	.0053447	.0003293	-.006064	.000932	-.000224
#3	.0249278	-.002792	.0063311	.0000818	-.005566	.001351	.000494

Sample Name: CCB050 Acquired: 03/08/2019 15:06:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB050 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000046	.0031134	-.000048
Stddev	.000444	.0008033	.000097
%RSD	967.0570	25.80279	201.4660

#1	.000287	.0024751	-.000113
#2	-.000551	.0028495	.000064
#3	.000126	.0040155	-.000095

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2284.114	2517.271	49436.45	4505.623	3890.831
Stddev	14.138	8.285	276.68	19.283	6.915
%RSD	.6189715	.3291083	.5596677	.4279770	.1777172

#1	2293.791	2521.635	49591.96	4524.120	3897.625
#2	2267.889	2522.461	49117.00	4485.640	3891.066
#3	2290.662	2507.717	49600.38	4507.110	3883.802

Sample Name: CCV050 Acquired: 03/08/2019 15:02:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.754009	4.729710	23.88873	4.635533	4.785029	402.7204	9.729468
Stddev	.021747	.022986	.09064	.015127	.027147	2.2952	.036791
%RSD	.4574401	.4859945	.3794132	.3263195	.5673333	.5699118	.3781390

#1	4.735485	4.709376	23.81823	4.620092	4.765253	400.9783	9.701709
#2	4.748590	4.725104	23.85698	4.636183	4.773854	401.8617	9.715497
#3	4.777953	4.754651	23.99096	4.650325	4.815980	405.3210	9.771198

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4832546	2.385959	407.7416	14.75032	2.431795	14.67064	414.3727
Stddev	.0066584	.008747	3.9680	.03831	.009532	.01600	2.1713
%RSD	1.377833	.3666135	.9731608	.2597096	.3919689	.1090820	.5239968

#1	.4772852	2.380425	404.7354	14.70688	2.424436	14.65265	413.0872
#2	.4820428	2.381409	406.2503	14.76480	2.428387	14.68330	413.1513
#3	.4904357	2.396044	412.2392	14.77928	2.442563	14.67596	416.8796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.73371	402.6356	2.396745	1.250521	398.8966	2.435395	15.23137
Stddev	.15061	2.7223	.010393	.003814	2.9931	.035043	.32587
%RSD	1.022194	.6761166	.4336152	.3050285	.7503418	1.438908	2.139458

#1	14.62453	400.7620	2.390653	1.250566	396.4536	2.427931	15.47043
#2	14.67108	401.3865	2.390837	1.246685	398.0009	2.404686	15.36349
#3	14.90553	405.7582	2.408745	1.254313	402.2353	2.473570	14.86019

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.9348	5.163265	5.052381	4.783253	4.951262	4.859961	4.823727
Stddev	1.1503	.035454	.044668	.024250	.024023	.062485	.022419
%RSD	.7723796	.6866498	.8840958	.5069782	.4851847	1.285709	.4647678

#1	148.0406	5.135156	5.020816	4.770599	4.944066	4.798948	4.815677
#2	148.5312	5.151544	5.032837	4.767948	4.931660	4.857115	4.806445
#3	150.2325	5.203095	5.103490	4.811213	4.978060	4.923820	4.849060

Sample Name: CCV050 Acquired: 03/08/2019 15:02:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV050 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.871000	4.917088	4.899154
Stddev	.019504	.025788	.009477
%RSD	.4004105	.5244511	.1934366

#1	4.852636	4.892478	4.893534
#2	4.868892	4.914874	4.910096
#3	4.891473	4.943911	4.893833

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2046.151	2168.228	46856.25	4384.864	3179.320
Stddev	18.200	9.832	234.76	34.858	11.166
%RSD	.8894862	.4534737	.5010158	.7949550	.3512215

#1	2028.341	2175.097	46593.64	4410.408	3188.049
#2	2045.395	2172.623	46929.36	4399.030	3183.173
#3	2064.718	2156.965	47045.75	4345.153	3166.737

Sample Name: K1765-12 Acquired: 03/08/2019 15:14:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGL2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1470180	-.003458	5.952573	-.066569	.0100679	63.79687
Stddev	.0051960	.003219	.021837	.003367	.0023195	.06540
%RSD	3.534274	93.07718	.3668426	5.057842	23.03903	.1025204

#1	.1519953	-.006303	5.939526	-.062753	.0115185	63.74334
#2	.1474308	.000036	5.940412	-.069123	.0073927	63.86977
#3	.1416279	-.004107	5.977783	-.067830	.0112925	63.77750

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 23.95057	.0088840	.0355822	440.1746	.2996172	.1772938
Stddev	.07012	.0000848	.0001841	1.0014	.0017934	.0006049
%RSD	.2927729	.9549547	.5174979	.2275024	.5985778	.3411714

#1	24.02463	.0089324	.0357928	439.2803	.2991431	.1770975
#2	23.94190	.0089337	.0354513	441.2565	.2981083	.1768114
#3	23.88519	.0087861	.0355026	439.9869	.3016000	.1779724

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4737339	372.3291	14.16185	233.4789	.2531224	-.031115
Stddev	.0024969	1.9053	.06527	1.3254	.0011753	.000294
%RSD	.5270698	.5117214	.4609021	.5676628	.4643046	.9443254

#1	.4747899	370.4526	14.10982	232.0332	.2533640	-.031140
#2	.4708825	374.2619	14.23509	234.6365	.2518451	-.030809
#3	.4755294	372.2728	14.14063	233.7672	.2541581	-.031395

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5678463	.3831421	7.008116	8.422814	9.649067	.3123679
Stddev	.1319126	.0073089	.051445	.021682	.022492	.0077343
%RSD	23.23034	1.907608	.7340844	.2574190	.2331043	2.476019

#1	.7174415	.3915127	6.976906	8.412671	9.638198	.3118103
#2	.4682116	.3780244	7.067494	8.408063	9.634074	.3203659
#3	.5178856	.3798892	6.979947	8.447708	9.674930	.3049274

Sample Name: K1765-12 Acquired: 03/08/2019 15:14:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGL2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0284631	11.22651	1.613245	.0565854	.7558008	.0577712
Stddev	.0003703	.03146	.030741	.0010256	.0043825	.0011077
%RSD	1.301106	.2802203	1.905558	1.812551	.5798474	1.917382
#1	.0287590	11.23581	1.645251	.0555751	.7520673	.0564930
#2	.0280478	11.19145	1.583947	.0565553	.7547093	.0583695
#3	.0285825	11.25227	1.610537	.0576258	.7606260	.0584511

Elem	Sr4077
Units	ppm
Avg	.3523540
Stddev	.0018589
%RSD	.5275519
#1	.3517578
#2	.3544378
#3	.3508663

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2331.784	2512.226	52401.21	4872.143	3460.383
Stddev	10.088	9.585	185.93	19.549	11.938
%RSD	.4326316	.3815213	.3548166	.4012396	.3450020
#1	2336.838	2520.157	52492.46	4849.870	3467.911
#2	2320.168	2514.944	52187.29	4886.456	3466.621
#3	2338.345	2501.575	52523.89	4880.104	3446.618

Sample Name: K1765-11 Acquired: 03/08/2019 15:10:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1325553	-.002568	2.753558	-.043957	.0073937	42.65080
Stddev	.0004850	.002875	.012102	.003260	.0003634	.34894
%RSD	.3658634	111.9273	.4395174	7.415660	4.915270	.8181215

#1	.1330975	.000643	2.744331	-.041146	.0070060	43.05029
#2	.1321628	-.003447	2.749081	-.043195	.0074484	42.49647
#3	.1324055	-.004901	2.767260	-.047531	.0077266	42.40564

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 24.02262	.0082627	.0210044	761.9101	.2398751	.1816594
Stddev	.15686	.0000181	.0002906	7.4584	.0003199	.0008038
%RSD	.6529495	.2191173	1.383757	.9789037	.1333491	.4424685

#1	23.84606	.0082626	.0206776	770.4714	.2402200	.1810600
#2	24.07595	.0082447	.0211016	758.4390	.2398170	.1813455
#3	24.14586	.0082809	.0212340	756.8200	.2395882	.1825728

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1526074	235.6630	16.00391	418.5668	.1017461	-.019077
Stddev	.0032387	2.3738	.19193	4.1861	.0004543	.000367
%RSD	2.122217	1.007297	1.199267	1.000113	.4464627	1.926423

#1	.1491291	238.4031	16.22552	423.3526	.1018164	-.019421
#2	.1531567	234.3537	15.89426	416.7613	.1012608	-.018690
#3	.1555362	234.2321	15.89194	415.5863	.1021612	-.019120

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.058177	.4354933	4.444122	4.483744	6.028776	.2066001
Stddev	.504525	.0145411	.050394	.080841	.030487	.0096755
%RSD	47.67875	3.338992	1.133938	1.802990	.5056869	4.683203

#1	1.623405	.4512779	4.500399	4.390884	6.024955	.2126199
#2	.897764	.4325586	4.403169	4.538429	6.000381	.1954393
#3	.653361	.4226434	4.428799	4.521918	6.060994	.2117410

Sample Name: K1765-11 Acquired: 03/08/2019 15:10:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGL1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157998	10.15024	1.950472	.0039316	.3942048	.0474445
Stddev	.0007827	.05292	.006566	.0007662	.0056024	.0011968
%RSD	4.954152	.5213897	.3366404	19.48764	1.421185	2.522545
#1	.0149044	10.11521	1.958017	.0046750	.3989564	.0468826
#2	.0163544	10.12440	1.946050	.0031445	.3956307	.0466321
#3	.0161405	10.21112	1.947350	.0039752	.3880272	.0488189

Elem	Sr4077
Units	ppm
Avg	.5077810
Stddev	.0006615
%RSD	.1302755
#1	.5080074
#2	.5082996
#3	.5070360

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2238.469	2397.203	50504.28	4694.994	3310.465
Stddev	16.126	7.686	148.87	8.386	8.316
%RSD	.7204045	.3206200	.2947653	.1786056	.2512136
#1	2240.013	2404.536	50470.84	4695.585	3315.735
#2	2253.768	2397.866	50667.02	4686.329	3314.782
#3	2221.627	2389.207	50374.97	4703.069	3300.878

Sample Name: K1765-13 Acquired: 03/08/2019 15:18:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGL3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0615832	-.001333	1.138821	-.032593	.0052453	78.27471	11.56028
Stddev	.0073827	.003817	.005240	.000360	.0009169	.11767	.02293
%RSD	11.98819	286.2354	.4601094	1.104422	17.48120	.1503241	.1983933

#1	.0640830	.001124	1.134327	-.032895	.0062806	78.21553	11.55365
#2	.0673914	.000606	1.137560	-.032195	.0045356	78.19839	11.54139
#3	.0532751	-.005731	1.144577	-.032690	.0049197	78.41022	11.58580

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074379	.0110593	240.1764	.1575526	.1581548	.2640428	175.3533
Stddev	.0001597	.0000556	.7607	.0012150	.0011364	.0011265	.2694
%RSD	2.146409	.5022868	.3167332	.7711575	.7185510	.4266186	.1536277

#1	.0074816	.0109957	240.7304	.1564988	.1575314	.2651803	175.1286
#2	.0072610	.0110984	239.3091	.1572773	.1574666	.2629278	175.2794
#3	.0075712	.0110838	240.4897	.1588816	.1594665	.2640203	175.6519

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.66501	115.0895	.1544099	-.012838	.4578002	.3025458	2.738200
Stddev	.05968	.2775	.0012211	.000512	.1321326	.0022619	.047677
%RSD	.3581158	.2411300	.7908253	3.988223	28.86250	.7476135	1.741166

#1	16.72946	115.3333	.1541038	-.013405	.3130590	.3043182	2.695485
#2	16.61166	114.7875	.1533709	-.012410	.5719622	.3033210	2.789635
#3	16.65391	115.1477	.1557549	-.012701	.4883792	.2999983	2.729479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.80864	7.733802	.1623879	.0051126	8.057395	3.347981	.0273677
Stddev	.08108	.011504	.0032024	.0002191	.012037	.055273	.0008184
%RSD	.7501132	.1487550	1.972071	4.285604	.1493946	1.650950	2.990581

#1	10.79003	7.736659	.1589617	.0050121	8.067494	3.301143	.0264955
#2	10.73849	7.721138	.1653057	.0049617	8.044074	3.333854	.0274886
#3	10.89741	7.743608	.1628963	.0053639	8.060616	3.408948	.0281189

Sample Name: K1765-13 Acquired: 03/08/2019 15:18:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGL3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7244098	.0517422	.3762203
Stddev	.0020581	.0009584	.0008113
%RSD	.2841138	1.852270	.2156365

#1	.7220517	.0528476	.3771493
#2	.7253329	.0511426	.3756519
#3	.7258449	.0512365	.3758596

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2414.117	2625.519	53620.28	5001.780	3597.849
Stddev	11.522	13.216	191.09	35.486	16.059
%RSD	.4772714	.5033548	.3563811	.7094730	.4463576

#1	2426.871	2639.387	53834.16	4969.507	3612.374
#2	2404.462	2624.098	53560.32	5039.782	3600.570
#3	2411.017	2613.070	53466.35	4996.051	3580.603

Sample Name: K1765-14 Acquired: 03/08/2019 15:22:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGL4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0393007	-.000337	6.287478	-.017397	.0045241	20.50201
Stddev	.0046970	.001429	.024152	.002576	.0010272	.06388
%RSD	11.95138	424.1522	.3841217	14.80814	22.70600	.3115715

#1	.0374673	-.001984	6.283736	-.019743	.0034891	20.42825
#2	.0357969	.000573	6.265415	-.014640	.0045398	20.53920
#3	.0446378	.000400	6.313282	-.017806	.0055434	20.53858

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.39589	.0032021	.0441093	F 1287.765	.0480668	.0731096
Stddev	.02814	.0001178	.0001575	6.461	.0004095	.0004074
%RSD	.1827666	3.678762	.3571627	.5016855	.8519011	.5572851

#1	15.42837	.0031700	.0440324	1280.868	.0483140	.0734217
#2	15.37887	.0031037	.0440050	1288.752	.0475942	.0726487
#3	15.38044	.0033327	.0442906	1293.676	.0482923	.0732585

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4846312	77.82848	12.25283	632.2993	.1130677	-.004341
Stddev	.0094041	.33748	.04518	1.3665	.0001957	.000448
%RSD	1.940461	.4336184	.3687542	.2161145	.1730904	10.32805

#1	.4915884	77.47782	12.20340	631.4908	.1132901	-.004046
#2	.4883731	78.15101	12.29201	633.8770	.1129216	-.004121
#3	.4739322	77.85663	12.26307	631.5301	.1129915	-.004857

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.831387	.0851246	5.208407	5.362111	9.033484	.1282379
Stddev	.127990	.0030257	.047550	.031722	.027310	.0015170
%RSD	4.520402	3.554478	.9129375	.5916009	.3023232	1.182947

#1	2.685859	.0822085	5.208070	5.398412	9.038314	.1267443
#2	2.881842	.0882491	5.256123	5.339723	9.004081	.1297772
#3	2.926460	.0849161	5.161026	5.348196	9.058057	.1281921

Sample Name: K1765-14 Acquired: 03/08/2019 15:22:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGL4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141587	21.26721	2.326777	.0057285	.4518566	.0618215
Stddev	.0002172	.03265	.036539	.0005412	.0019075	.0009506
%RSD	1.534058	.1535291	1.570369	9.446790	.4221440	1.537606
#1	.0139572	21.27430	2.310309	.0058686	.4524791	.0608572
#2	.0143888	21.23159	2.301371	.0051311	.4533750	.0627578
#3	.0141301	21.29573	2.368652	.0061859	.4497156	.0618496

Elem	Sr4077
Units	ppm
Avg	1.071722
Stddev	.005381
%RSD	.5020719
#1	1.077370
#2	1.066656
#3	1.071139

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2577.814	2728.618	58766.56	5444.422	3067.310
Stddev	6.154	7.792	176.26	23.318	9.982
%RSD	.2387206	.2855686	.2999289	.4283004	.3254295
#1	2570.748	2734.824	58587.54	5434.210	3069.120
#2	2581.992	2731.155	58772.22	5471.104	3076.263
#3	2580.703	2719.873	58939.92	5427.951	3056.547

Sample Name: K1765-16 Acquired: 03/08/2019 15:30:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGL6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0571239	.0013296	.5870595	-.027572	.0030908	85.30410	3.385286
Stddev	.0031011	.0030893	.0028135	.000470	.0016025	.16168	.006655
%RSD	5.428693	232.3421	.4792497	1.702959	51.84824	.1895282	.1965826

#1	.0552538	-.001214	.5851594	-.027128	.0023044	85.41858	3.392281
#2	.0607036	.004767	.5902916	-.028063	.0020334	85.37458	3.379034
#3	.0554144	.000436	.5857275	-.027524	.0049347	85.11916	3.384542

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091599	.0047472	61.08529	.1118636	.1340001	.1386647	159.7300
Stddev	.0001759	.0000688	.29310	.0002067	.0004582	.0047618	.9090
%RSD	1.920604	1.449866	.4798132	.1847557	.3419329	3.434025	.5691005

#1	.0093229	.0047402	61.26076	.1120163	.1336343	.1438156	159.7842
#2	.0091833	.0048193	61.24817	.1119460	.1338520	.1377552	160.6107
#3	.0089734	.0046822	60.74693	.1116284	.1345140	.1344232	158.7951

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.08052	27.91801	.1445124	-.011197	.0488507	.2672666	.8875894
Stddev	.02634	.22152	.0000791	.000611	.2211541	.0040237	.0165745
%RSD	.2377570	.7934559	.0547332	5.453962	452.7145	1.505486	1.867359

#1	11.08190	28.04373	.1444241	-.011603	.2075238	.2633833	.8689856
#2	11.10615	28.04807	.1445769	-.010495	-.203767	.2669992	.9007821
#3	11.05351	27.66224	.1445360	-.011494	.142795	.2714172	.8930005

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.98176	5.055137	.1390857	.0049014	3.163222	3.823022	.0125608
Stddev	.05899	.003775	.0028985	.0001295	.002616	.055859	.0007547
%RSD	.5371185	.0746716	2.083946	2.641733	.0826959	1.461111	6.008048

#1	11.03924	5.058450	.1358294	.0050491	3.165477	3.823452	.0119321
#2	10.92138	5.051028	.1400437	.0048074	3.160355	3.878664	.0123526
#3	10.98467	5.055934	.1413838	.0048477	3.163835	3.766950	.0133977

Sample Name: K1765-16 Acquired: 03/08/2019 15:30:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGL6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5912060	.0492461	.1514475
Stddev	.0029937	.0010659	.0002573
%RSD	.5063682	2.164407	.1698794

#1	.5946185	.0480354	.1517123
#2	.5890218	.0500430	.1514317
#3	.5899778	.0496599	.1511985

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2697.648	2926.732	59107.90	5520.890	3801.095
Stddev	21.974	9.394	218.76	45.951	14.416
%RSD	.8145549	.3209663	.3700955	.8323118	.3792531

#1	2708.625	2931.918	59221.50	5478.068	3807.327
#2	2711.971	2932.390	59246.48	5569.434	3811.347
#3	2672.349	2915.889	58855.71	5515.169	3784.612

Sample Name: K1765-15 Acquired: 03/08/2019 15:26:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGL5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0399530	-.000482	3.789099	-.023370	.0055880	28.74496
Stddev	.0045605	.001463	.020552	.002299	.0015344	.07547
%RSD	11.41460	303.7999	.5423866	9.835776	27.45845	.2625387

#1	.0360091	-.001258	3.787748	-.021666	.0038414	28.75764
#2	.0389030	.001206	3.769257	-.022460	.0062038	28.81328
#3	.0449469	-.001393	3.810293	-.025984	.0067189	28.66395

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.39159	.0039080	.0474384	F 1122.025	.0699187	.1161843
Stddev	.06787	.0000317	.0003586	7.260	.0004872	.0007931
%RSD	.3499817	.8123384	.7559687	.6470752	.6968366	.6825979

#1	19.44771	.0038879	.0473026	1114.718	.0704714	.1156799
#2	19.41089	.0038915	.0471675	1129.237	.0697334	.1157746
#3	19.31616	.0039446	.0478451	1122.119	.0695513	.1170984

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2526041	113.9422	11.40951	548.3725	.1758450	-.007769
Stddev	.0037137	.2028	.06193	1.9368	.0006813	.000199
%RSD	1.470173	.1779826	.5427749	.3531969	.3874565	2.559207

#1	.2483159	113.7196	11.35942	546.9139	.1756992	-.007878
#2	.2547715	114.1164	11.47875	550.5700	.1752483	-.007540
#3	.2547248	113.9907	11.39036	547.6335	.1765874	-.007891

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.734266	.1202507	8.449927	11.40541	7.131823	.1541930
Stddev	.075647	.0059519	.079167	.11757	.022765	.0011387
%RSD	4.361889	4.949609	.9369001	1.030827	.3191997	.7384890

#1	1.775164	.1186620	8.536671	11.38522	7.121188	.1538190
#2	1.646974	.1268358	8.431535	11.53176	7.116321	.1554716
#3	1.780659	.1152544	8.381574	11.29923	7.157958	.1532882

Sample Name: K1765-15 Acquired: 03/08/2019 15:26:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGL5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119532	33.06464	1.360554	.0041543	.1486780	.0564422
Stddev	.0003982	.19810	.013999	.0006317	.0033969	.0005541
%RSD	3.331673	.5991218	1.028896	15.20635	2.284759	.9817012
#1	.0118962	32.89738	1.365334	.0048048	.1498343	.0558027
#2	.0115865	33.01315	1.371536	.0035433	.1513459	.0567466
#3	.0123769	33.28340	1.344791	.0041146	.1448539	.0567774

Elem	Sr4077
Units	ppm
Avg	.6923548
Stddev	.0022077
%RSD	.3188658
#1	.6948470
#2	.6915732
#3	.6906443

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.768	2359.271	50305.48	4697.597	3182.191
Stddev	3.731	7.864	230.29	27.991	15.167
%RSD	.1691683	.3333160	.4577812	.5958566	.4766139
#1	2205.352	2358.053	50302.47	4726.741	3182.299
#2	2209.690	2367.673	50537.26	4695.127	3197.304
#3	2202.262	2352.088	50076.71	4670.923	3166.971

Sample Name: K1765-17 Acquired: 03/08/2019 15:34:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGL7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1064625	.0000520	5.151806	-.047040	.0103715	86.85288
Stddev	.0021959	.0011849	.012143	.000991	.0012960	.16341
%RSD	2.062556	2280.181	.2357061	2.107055	12.49605	.1881501

#1	.1068075	-.001315	5.140788	-.047227	.0089354	86.86129
#2	.1041146	.000691	5.149806	-.045968	.0114542	86.68543
#3	.1084654	.000781	5.164825	-.047924	.0107248	87.01193

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 25.20534	.0091360	.0110754	349.1265	.1913720	.0838459
Stddev	.08007	.0001372	.0001810	1.0365	.0010440	.0001926
%RSD	.3176771	1.502239	1.633820	.2968890	.5455560	.2296783

#1	25.18934	.0092462	.0109595	349.6251	.1904937	.0840515
#2	25.29221	.0089823	.0112839	347.9349	.1925263	.0838166
#3	25.13448	.0091794	.0109829	349.8195	.1910959	.0836697

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3158015	286.8818	4.784871	194.7312	.1362329	-.021704
Stddev	.0053616	2.2203	.029311	.5298	.0005499	.000449
%RSD	1.697777	.7739454	.6125675	.2720576	.4036468	2.071041

#1	.3144643	287.9433	4.798394	195.1945	.1360174	-.022223
#2	.3217051	284.3301	4.751241	194.1536	.1358235	-.021432
#3	.3112350	288.3722	4.804980	194.8456	.1368579	-.021458

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.214162	.4278669	6.069756	6.838104	2.960409	.2088422
Stddev	.246801	.0080964	.042092	.062217	.0111103	.0072181
%RSD	20.32685	1.892281	.6934718	.9098586	.3750482	3.456250

#1	1.259326	.4193987	6.105145	6.806431	2.955470	.2148044
#2	1.435262	.4355316	6.023209	6.798095	2.952631	.2008172
#3	.947898	.4286704	6.080912	6.909784	2.973124	.2109049

Sample Name: K1765-17 Acquired: 03/08/2019 15:34:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGL7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105645	7.695310	4.703057	.0059118	.3945273	.0553644
Stddev	.0003575	.027904	.068450	.0003276	.0028875	.0045616
%RSD	3.384198	.3626063	1.455433	5.542090	.7318853	8.239195

#1	.0105400	7.686441	4.736698	.0055854	.3918435	.0546690
#2	.0102198	7.672918	4.748177	.0062407	.3941559	.0602338
#3	.0109336	7.726570	4.624296	.0059094	.3975825	.0511904

Elem	Sr4077
Units	ppm
Avg	.3152294
Stddev	.0017663
%RSD	.5603084

#1	.3153826
#2	.3169140
#3	.3133915

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2408.729	2570.666	53409.02	4944.066	3500.320
Stddev	6.975	5.378	216.40	34.694	3.599
%RSD	.2895719	.2092131	.4051834	.7017360	.1028220

#1	2404.017	2570.359	53534.71	4953.341	3501.563
#2	2405.428	2576.191	53159.14	4905.677	3503.134
#3	2416.741	2565.447	53533.22	4973.180	3496.265

Sample Name: K1765-18 Acquired: 03/08/2019 15:38:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0991521	.0010655	1.880039	-.036072	.0053033	108.3807	10.48385
Stddev	.0032954	.0028876	.013185	.002351	.0018263	.1587	.02504
%RSD	3.323590	271.0180	.7013142	6.518504	34.43655	.1464296	.2388784

#1	.0980349	-.002054	1.872522	-.033395	.0032020	108.2179	10.45952
#2	.1028609	.001604	1.872332	-.037803	.0065078	108.5350	10.48246
#3	.0965605	.003646	1.895263	-.037019	.0062001	108.3894	10.50955

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089673	.0054291	70.30707	.1871029	.1448200	.1410996	234.0946
Stddev	.0001496	.0002478	.19095	.0004278	.0007561	.0034725	1.0818
%RSD	1.668077	4.564542	.2715894	.2286671	.5220712	2.461020	.4621371

#1	.0087955	.0053138	70.20248	.1868014	.1442016	.1379411	234.3122
#2	.0090382	.0052599	70.52746	.1869147	.1445956	.1405398	235.0511
#3	.0090683	.0057135	70.19127	.1875926	.1456629	.1448180	232.9205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.35018	29.83240	.1223899	-.017282	.1570853	.4008342	2.038392
Stddev	.03011	.14728	.0002805	.000434	.2647715	.0073162	.022120
%RSD	.2653114	.4936777	.2291705	2.512308	168.5527	1.825245	1.085182

#1	11.35031	29.83602	.1226349	-.016903	.3175380	.4029684	2.052735
#2	11.38022	29.97783	.1220840	-.017189	.3022368	.4068459	2.012917
#3	11.32000	29.68335	.1224509	-.017756	-.148519	.3926882	2.049525

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.304424	5.322277	.1992923	.0082355	4.507548	4.046651	.0144734
Stddev	.056811	.028470	.0021080	.0002189	.024706	.040538	.0009360
%RSD	.6105804	.5349195	1.057759	2.658241	.5481016	1.001777	6.466841

#1	9.253872	5.322212	.2008506	.0083940	4.497424	4.025597	.0137098
#2	9.365905	5.293839	.2001327	.0079857	4.489512	4.093384	.0155175
#3	9.293494	5.350779	.1968938	.0083267	4.535708	4.020970	.0141928

Sample Name: K1765-18 Acquired: 03/08/2019 15:38:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGL8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6017066	.0577821	.1455875
Stddev	.0018712	.0009951	.0009740
%RSD	.3109744	1.722099	.6690069

#1	.6032708	.0576414	.1444636
#2	.5996337	.0588401	.1461128
#3	.6022153	.0568649	.1461860

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2537.135	2747.552	55704.89	5139.982	3775.052
Stddev	20.801	12.224	378.84	24.288	17.373
%RSD	.8198755	.4448978	.6800884	.4725379	.4601957

#1	2541.325	2753.393	55770.53	5161.433	3778.939
#2	2555.522	2755.760	56046.63	5144.902	3790.153
#3	2514.557	2733.504	55297.52	5113.610	3756.066

Sample Name: K1765-20 Acquired: 03/08/2019 15:46:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0510665	-.001176	3.764705	-.019576	.0049419	33.68305
Stddev	.0009876	.003692	.018025	.002906	.0002901	.13510
%RSD	1.933926	313.7802	.4787801	14.84516	5.869511	.4010914

#1	.0504094	-.003146	3.755217	-.016303	.0050521	33.81430
#2	.0505880	-.003465	3.753406	-.021854	.0046128	33.69045
#3	.0522022	.003082	3.785492	-.020572	.0051607	33.54440

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 21.98836	.0031611	.0203806	F 1199.021	.0699595	.0625741
Stddev	.21349	.0000550	.0001640	8.501	.0009745	.0002690
%RSD	.9709422	1.738639	.8045456	.7089649	1.392923	.4299354

#1	22.15059	.0031205	.0202440	1206.909	.0710452	.0625303
#2	22.06799	.0032236	.0205624	1200.137	.0691608	.0623296
#3	21.74649	.0031391	.0203353	1190.018	.0696723	.0628623

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1281033	87.23194	5.537928	688.8153	.0614053	-.006436
Stddev	.0049530	.47631	.038624	5.5462	.0003640	.000378
%RSD	3.866431	.5460324	.6974534	.8051822	.5927562	5.877778

#1	.1224729	87.71494	5.578703	693.1842	.0609992	-.006630
#2	.1300486	87.21826	5.533190	690.6862	.0615147	-.006001
#3	.1317884	86.76261	5.501891	682.5756	.0617020	-.006679

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.057014	.1906695	4.685102	2.955532	2.562119	.0841039
Stddev	.151637	.0047151	.015489	.026704	.012207	.0036453
%RSD	7.371695	2.472920	.3305945	.9035283	.4764392	4.334319

#1	1.905840	.1957016	4.701322	2.985954	2.562129	.0882744
#2	2.056091	.1899539	4.670466	2.944676	2.549906	.0815249
#3	2.209110	.1863532	4.683517	2.935965	2.574320	.0825124

Sample Name: K1765-20 Acquired: 03/08/2019 15:46:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGM0 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161929	12.95551	5.743140	.0011026	.3576954	.0647143
Stddev	.0001842	.05773	.089647	.0010685	.0028409	.0006147
%RSD	1.137410	.4456311	1.560947	96.90459	.7942211	.9498325
#1	.0163265	12.91915	5.645441	.0019263	.3578401	.0640879
#2	.0162694	12.92530	5.821618	.0014862	.3604612	.0647385
#3	.0159828	13.02208	5.762360	-.000105	.3547850	.0653166

Elem	Sr4077
Units	ppm
Avg	.6500325
Stddev	.0022790
%RSD	.3505980
#1	.6523163
#2	.6477583
#3	.6500231

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2119.135	2253.024	48363.97	4485.418	3103.123
Stddev	16.519	7.368	114.94	16.886	12.606
%RSD	.7795385	.3270397	.2376629	.3764541	.4062352
#1	2103.875	2257.414	48281.50	4502.424	3111.139
#2	2136.677	2257.141	48315.14	4468.655	3109.637
#3	2116.853	2244.517	48495.27	4485.176	3088.593

Sample Name: K1765-19 Acquired: 03/08/2019 15:42:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGL9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0422791	-.000400	2.051984	-.016832	.0013861	46.90934	9.207657
Stddev	.0043482	.001766	.005431	.001153	.0017595	.13356	.022049
%RSD	10.28439	442.0445	.2646767	6.849420	126.9408	.2847262	.2394662

#1	.0383695	-.000117	2.050763	-.018105	-.000559	47.04123	9.230261
#2	.0415059	-.002290	2.047268	-.015859	.001851	46.77417	9.186208
#3	.0469620	.001208	2.057922	-.016530	.002866	46.91263	9.206502

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039586	.0276194	252.0447	.0905793	.0832584	1.096015	99.34047
Stddev	.0000169	.0002901	.9739	.0005000	.0010213	.001514	.35932
%RSD	.4267433	1.050191	.3864102	.5519662	1.226624	.1381582	.3617072

#1	.0039777	.0272941	253.0112	.0909482	.0830321	1.097662	99.75218
#2	.0039525	.0277130	252.0595	.0900102	.0823693	1.095702	99.17914
#3	.0039456	.0278511	251.0635	.0907793	.0843738	1.094682	99.09009

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.899705	127.8833	.0947051	-.004233	1.528815	.1557281	2.321714
Stddev	.018685	.3705	.0007679	.000284	.146409	.0049617	.044244
%RSD	.1887469	.2897135	.8107780	6.701143	9.576615	3.186126	1.905653

#1	9.921076	128.0566	.0944532	-.004267	1.361770	.1509680	2.362646
#2	9.891587	127.4579	.0940949	-.004498	1.634863	.1553468	2.274773
#3	9.886452	128.1353	.0955673	-.003934	1.589812	.1608694	2.327724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.578058	7.283298	.0918038	.0065107	8.450934	2.655339	.0061647
Stddev	.029625	.017172	.0021500	.0003906	.035385	.038962	.0003518
%RSD	.5310909	.2357682	2.341968	5.999734	.4187079	1.467314	5.706667

#1	5.595160	7.271565	.0934116	.0069616	8.449488	2.617959	.0064183
#2	5.543850	7.275321	.0926382	.0062982	8.416294	2.695711	.0063127
#3	5.595164	7.303007	.0893617	.0062724	8.487019	2.652349	.0057631

Sample Name: K1765-19 Acquired: 03/08/2019 15:42:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGL9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5179923	.0476311	.2698280
Stddev	.0031332	.0004307	.0007656
%RSD	.6048691	.9042575	.2837272

#1	.5215557	.0475420	.2706932
#2	.5156688	.0480995	.2695525
#3	.5167525	.0472520	.2692384

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2454.589	2679.788	54397.60	5111.147	3639.413
Stddev	27.737	7.291	244.46	19.862	14.923
%RSD	1.130009	.2720738	.4493878	.3886089	.4100425

#1	2422.619	2683.878	54119.57	5091.460	3648.287
#2	2468.900	2684.115	54494.36	5110.801	3647.768
#3	2472.247	2671.370	54578.86	5131.180	3622.184

Sample Name: K1765-21 Acquired: 03/08/2019 15:50:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0663669	-.000609	1.800658	-.026980	.0037023	85.44595	4.348785
Stddev	.0026394	.002201	.009182	.006305	.0007769	.25837	.010007
%RSD	3.977014	361.5432	.5099385	23.37137	20.98348	.3023806	.2301025

#1	.0633652	.001869	1.792669	-.029539	.0045891	85.52429	4.355800
#2	.0674102	-.001359	1.798615	-.019797	.0033762	85.65609	4.353228
#3	.0683251	-.002336	1.810690	-.031603	.0031417	85.15748	4.337326

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063539	.0030175	39.15991	.1496106	.0595614	.1173331	194.0696
Stddev	.0000581	.0002000	.11442	.0003139	.0004867	.0062237	1.3174
%RSD	.9143092	6.628587	.2921979	.2097846	.8171937	5.304275	.6788304

#1	.0064149	.0027929	39.09377	.1499647	.0593473	.1107736	193.6068
#2	.0063474	.0031763	39.29204	.1493666	.0592183	.1180705	195.5560
#3	.0062992	.0030834	39.09393	.1495006	.0601184	.1231552	193.0460

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.775511	16.36936	.0899155	-.014797	-.049792	.3329744	.9400946
Stddev	.037567	.03688	.0007165	.000140	.153055	.0100437	.0217614
%RSD	.7866574	.2252698	.7968251	.9482644	307.3867	3.016345	2.314812

#1	4.755934	16.40505	.0906648	-.014790	.047187	.3255826	.9153137
#2	4.818823	16.37163	.0892371	-.014661	.029671	.3444095	.9560891
#3	4.751777	16.33141	.0898448	-.014941	-.226236	.3289310	.9488810

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.239089	4.695163	.1638771	.0073953	2.299315	4.299124	.0069738
Stddev	.089463	.017651	.0038326	.0002365	.007819	.054854	.0004170
%RSD	1.433915	.3759388	2.338713	3.197552	.3400405	1.275934	5.979036

#1	6.144968	4.687648	.1639978	.0075182	2.291478	4.344271	.0068072
#2	6.323023	4.682512	.1676479	.0075450	2.299354	4.238076	.0066659
#3	6.249275	4.715327	.1599856	.0071227	2.307115	4.315023	.0074483

Sample Name: K1765-21 Acquired: 03/08/2019 15:50:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGM1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5656842	.0455815	.0942658
Stddev	.0048097	.0003513	.0005419
%RSD	.8502389	.7706409	.5748218

#1	.5709038	.0452199	.0948007
#2	.5614312	.0456032	.0937173
#3	.5647177	.0459214	.0942794

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2439.039	2648.224	53502.74	4955.733	3828.153
Stddev	14.195	4.713	82.30	13.861	9.670
%RSD	.5819866	.1779614	.1538250	.2796930	.2526045

#1	2448.253	2652.045	53534.83	4943.430	3837.767
#2	2446.172	2649.669	53564.17	4970.750	3828.265
#3	2422.693	2642.958	53409.23	4953.018	3818.428

Sample Name: K1765-22 Acquired: 03/08/2019 15:54:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0737064	-.000552	1.887370	-.037595	.0059458	131.9264	13.06471
Stddev	.0025152	.002966	.003913	.001142	.0018589	.8675	.01880
%RSD	3.412449	537.3872	.2073023	3.038205	31.26371	.6575408	.1439069

#1	.0708060	.002471	1.885673	-.037987	.0071826	132.8794	13.08637
#2	.0750266	-.000670	1.884593	-.036309	.0038082	131.7168	13.05264
#3	.0752866	-.003457	1.891845	-.038490	.0068468	131.1829	13.05510

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115959	.0045253	18.93513	.1702734	.1428016	.3082792	242.6101
Stddev	.0001294	.0002939	.20818	.0006629	.0009125	.0071359	3.3557
%RSD	1.115638	6.493763	1.099437	.3893184	.6389913	2.314767	1.383177

#1	.0115124	.0042130	19.11925	.1696714	.1429836	.3128988	246.2563
#2	.0115304	.0045664	18.97690	.1701648	.1418119	.3000604	241.9227
#3	.0117449	.0047964	18.70923	.1709838	.1436094	.3118785	239.6513

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.586915	14.46093	.1511667	-.019223	.2372365	.4023068	4.803106
Stddev	.113963	.28799	.0012304	.000362	.2166374	.0084385	.150199
%RSD	1.502096	1.991500	.8139036	1.885563	91.31707	2.097538	3.127124

#1	7.710598	14.72549	.1498748	-.018815	.4386121	.4111529	4.956583
#2	7.563988	14.50312	.1513010	-.019348	.2650697	.3943455	4.796321
#3	7.486159	14.15417	.1523245	-.019506	.0080277	.4014221	4.656415

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.587955	3.187622	.2008284	.0071284	3.446803	6.745987	.0128172
Stddev	.101645	.006559	.0135767	.0003362	.022762	.091763	.0007927
%RSD	1.060129	.2057556	6.760351	4.716827	.6603861	1.360254	6.184792

#1	9.477227	3.180132	.2163912	.0069272	3.438182	6.667407	.0133348
#2	9.609612	3.190393	.1914110	.0075166	3.429611	6.846834	.0132123
#3	9.677025	3.192340	.1946830	.0069415	3.472617	6.723719	.0119046

Sample Name: K1765-22 Acquired: 03/08/2019 15:54:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGM2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7012496	.0739734	.1206690
Stddev	.0092537	.0007723	.0001844
%RSD	1.319603	1.043976	.1528067

#1	.7118246	.0731019	.1204599
#2	.6972882	.0745726	.1208082
#3	.6946360	.0742456	.1207390

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2651.023	2879.818	57946.36	5373.586	3812.258
Stddev	28.726	3.423	281.24	11.269	.857
%RSD	1.083580	.1188500	.4853519	.2097039	.0224778

#1	2619.860	2883.421	57651.02	5384.791	3811.483
#2	2656.762	2876.610	57977.05	5362.255	3812.113
#3	2676.446	2879.423	58210.99	5373.710	3813.178

Sample Name: K1767-02 Acquired: 03/08/2019 16:02:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0490972	-.000210	1.144659	-.019044	.0051263	50.84768	7.417312
Stddev	.0018725	.002228	.000579	.003022	.0007011	.13122	.020680
%RSD	3.813809	1059.571	.0506241	15.87070	13.67664	.2580614	.2788023

#1	.0491766	.001067	1.144004	-.022490	.0048053	50.96034	7.440692
#2	.0509287	.001085	1.145107	-.017798	.0059305	50.70360	7.409826
#3	.0471863	-.002783	1.144865	-.016844	.0046432	50.87909	7.401418

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037865	.0054810	44.08804	.0939657	.0932602	3.580218	151.9640
Stddev	.0001028	.0000597	.22094	.0008286	.0000389	.012148	.3560
%RSD	2.715552	1.088496	.5011268	.8818141	.0417697	.3393123	.2342859

#1	.0036722	.0055394	44.27212	.0941535	.0932961	3.594030	152.2487
#2	.0038159	.0054201	43.84303	.0946843	.0932657	3.575437	151.5648
#3	.0038714	.0054835	44.14897	.0930593	.0932188	3.571188	152.0786

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.848044	8.928947	.0735500	-.011234	1.251602	.1684219	.9491817
Stddev	.024922	.055913	.0002929	.000215	.107498	.0035330	.0060726
%RSD	.5140627	.6261990	.3981848	1.914480	8.588796	2.097736	.6397718

#1	4.862825	8.968386	.0732359	-.011394	1.133744	.1707394	.9498380
#2	4.819270	8.864959	.0735984	-.010990	1.276799	.1643555	.9428076
#3	4.862037	8.953496	.0738156	-.011319	1.344263	.1701708	.9548995

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.590818	3.924630	.1472791	.0062807	3.677149	2.986217	.0240994
Stddev	.044354	.002515	.0018358	.0003468	.018966	.063091	.0006798
%RSD	.9661356	.0640929	1.246496	5.521619	.5157794	2.112750	2.820596

#1	4.631629	3.925438	.1490245	.0064905	3.662255	2.964097	.0237566
#2	4.543615	3.921809	.1453646	.0064712	3.670693	3.057390	.0236594
#3	4.597210	3.926641	.1474483	.0058804	3.698501	2.937165	.0248823

Sample Name: K1767-02 Acquired: 03/08/2019 16:02:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGM4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4174014	.0307519	.1528100
Stddev	.0040979	.0015175	.0001426
%RSD	.9817646	4.934512	.0933358

#1	.4128111	.0313435	.1528782
#2	.4187018	.0318843	.1529057
#3	.4206913	.0290277	.1526460

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2366.117	2585.185	51891.09	4808.105	3857.954
Stddev	28.556	6.197	250.67	7.485	6.413
%RSD	1.206887	.2396937	.4830734	.1556802	.1662309

#1	2398.087	2584.726	52150.68	4803.103	3860.349
#2	2357.125	2591.599	51872.18	4816.710	3862.825
#3	2343.139	2579.231	51650.40	4804.501	3850.688

Sample Name: K1767-01 Acquired: 03/08/2019 15:58:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0699078	-.003312	5.365353	-.022135	.0087959	34.69542
Stddev	.0030568	.001781	.017185	.001731	.0025844	.10623
%RSD	4.372551	53.78761	.3202975	7.818032	29.38156	.3061770

#1	.0722035	-.003276	5.355216	-.021752	.0061943	34.68011
#2	.0710819	-.005110	5.355647	-.024025	.0113627	34.59767
#3	.0664381	-.001548	5.385195	-.020628	.0088308	34.80847

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 26.55070	.0050473	.1000460	F 1981.651	.0569795	.0550585
Stddev	.32261	.0000856	.0002740	28.448	.0004203	.0001895
%RSD	1.215057	1.695891	.2738978	1.435577	.7376081	.3442313

#1	26.50164	.0051448	.0998131	2004.905	.0566396	.0549801
#2	26.25544	.0049846	.0999769	1990.117	.0568495	.0549208
#3	26.89503	.0050124	.1003480	1949.931	.0574494	.0552747

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2013406	108.5106	3.138354	F 1149.230	.0852339	-.008132
Stddev	.0025257	.9300	.031512	10.069	.0007927	.000165
%RSD	1.254468	.8570205	1.004081	.8761233	.9300294	2.027892

#1	.2026961	107.6867	3.116177	1143.251	.0843883	-.008294
#2	.1984265	108.3261	3.124461	1143.585	.0859601	-.008137
#3	.2028993	109.5190	3.174425	1160.855	.0853532	-.007965

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.660436	.1853436	28.94893	3.737711	1.775997	.1155695
Stddev	.073530	.0059932	.54200	.063189	.010709	.0042950
%RSD	2.008775	3.233580	1.872248	1.690572	.6030042	3.716354

#1	3.633204	.1818408	28.35370	3.810675	1.775899	.1106171
#2	3.743697	.1819261	29.07911	3.701020	1.786755	.1178184
#3	3.604406	.1922638	29.41398	3.701439	1.765337	.1182732

Sample Name: K1767-01 Acquired: 03/08/2019 15:58:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0242073	35.48278	3.154134	.0014730	.3135000	.0846256
Stddev	.0005514	.08136	.014019	.0004362	.0025142	.0025598
%RSD	2.277741	.2292879	.4444580	29.61337	.8019898	3.024890
#1	.0236200	35.47351	3.168675	.0018865	.3138676	.0852158
#2	.0242879	35.40646	3.140704	.0010172	.3108223	.0818222
#3	.0247139	35.56838	3.153023	.0015154	.3158103	.0868388

Elem	Sr4077
Units	ppm
Avg	1.031807
Stddev	.001443
%RSD	.1398527
#1	1.032728
#2	1.030144
#3	1.032548

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.550	2186.699	48014.08	4428.912	2862.710
Stddev	10.587	7.599	244.86	25.147	8.527
%RSD	.5068925	.3475223	.5099671	.5677896	.2978697
#1	2100.395	2183.935	48164.27	4404.865	2859.552
#2	2085.244	2195.294	47731.53	4455.031	2872.365
#3	2080.010	2180.869	48146.44	4426.840	2856.212

Sample Name: K1767-03 Acquired: 03/08/2019 16:06:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0623637	-.002812	.6090921	-.018891	.0024530	74.62232	2.773071
Stddev	.0024219	.001530	.0030164	.000856	.0010858	.13492	.005221
%RSD	3.883429	54.42075	.4952298	4.533252	44.26298	.1807999	.1882704

#1	.0614961	-.001056	.6108263	-.017972	.0017475	74.49127	2.771939
#2	.0604951	-.003863	.6056091	-.019667	.0019083	74.61489	2.768510
#3	.0650998	-.003517	.6108409	-.019034	.0037033	74.76080	2.778765

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082443	.0046574	20.17116	.0950634	.2399385	.0602053	135.8000
Stddev	.0000425	.0001131	.09672	.0005475	.0005643	.0035706	.9709
%RSD	.5156019	2.427298	.4794812	.5759375	.2351985	5.930622	.7149126

#1	.0082373	.0047865	20.06372	.0955474	.2395884	.0570563	134.8120
#2	.0082899	.0045760	20.25128	.0944691	.2396375	.0594752	136.7527
#3	.0082058	.0046097	20.19848	.0951736	.2405895	.0640845	135.8354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.03350	11.57940	.1148811	-.007095	.0597476	.2685208	.4615843
Stddev	.17425	.13087	.0000864	.000317	.1055405	.0086524	.0198625
%RSD	.6445628	1.130180	.0752143	4.471585	176.6439	3.222254	4.303102

#1	26.85848	11.52446	.1147845	-.007414	.0570241	.2721413	.4467623
#2	27.20697	11.72879	.1149080	-.007090	.1666236	.2747748	.4841528
#3	27.03503	11.48496	.1149509	-.006780	-.044405	.2586462	.4538379

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.136366	2.643560	.1203010	.0055450	2.019472	4.689201	.0059276
Stddev	.078282	.009428	.0039816	.0005301	.003112	.047523	.0010801
%RSD	1.275708	.3566277	3.309708	9.559741	.1541116	1.013460	18.22186

#1	6.180414	2.651932	.1163198	.0053090	2.021858	4.738160	.0065751
#2	6.045983	2.633348	.1242830	.0051739	2.015952	4.643257	.0046807
#3	6.182700	2.645400	.1203001	.0061521	2.020606	4.686185	.0065271

Sample Name: K1767-03 Acquired: 03/08/2019 16:06:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGM5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6166677	.0537885	.1189821
Stddev	.0047895	.0023541	.0004599
%RSD	.7766696	4.376570	.3865223

#1	.6208441	.0539807	.1192530
#2	.6177191	.0560407	.1184512
#3	.6114398	.0513443	.1192423

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2532.441	2775.120	55683.08	5136.779	3834.337
Stddev	24.788	5.142	161.98	9.771	3.470
%RSD	.9788026	.1852995	.2908933	.1902261	.0905068

#1	2561.050	2774.473	55809.18	5131.008	3831.561
#2	2517.394	2780.555	55500.40	5148.061	3838.228
#3	2518.877	2770.332	55739.66	5131.267	3833.221

Sample Name: K1767-04 Acquired: 03/08/2019 16:10:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0851428	-.002153	1.398239	-.021266	.0051016	64.46593	10.75348
Stddev	.0031544	.002536	.006474	.000374	.0011251	.54364	.01998
%RSD	3.704885	117.7878	.4630014	1.757098	22.05306	.8432973	.1858184

#1	.0820560	-.005036	1.393574	-.021655	.0045698	64.91452	10.76744
#2	.0883608	-.001159	1.395513	-.021233	.0043411	64.62192	10.76240
#3	.0850117	-.000265	1.405630	-.020910	.0063940	63.86135	10.73059

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070587	.0057047	84.99072	.1799939	.1079996	.1704383	142.2050
Stddev	.0000671	.0001968	1.37976	.0009099	.0001441	.0036577	2.4011
%RSD	.9510967	3.450176	1.623428	.5055115	.1334541	2.146063	1.688511

#1	.0070539	.0055545	86.04627	.1800955	.1078437	.1717205	144.3716
#2	.0071280	.0056321	85.49644	.1790375	.1080272	.1663121	142.6200
#3	.0069940	.0059275	83.42945	.1808487	.1081279	.1732823	139.6234

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.298642	35.88910	.0918882	-.010435	.0967870	.2660678	1.003070
Stddev	.134603	.52792	.0009072	.000502	.3982327	.0107361	.029776
%RSD	1.844217	1.470969	.9873124	4.814835	411.4529	4.035081	2.968479

#1	7.411847	36.37371	.0916479	-.010113	.5530270	.2780536	1.037430
#2	7.334271	35.96706	.0928914	-.010177	-.181063	.2628169	.984822
#3	7.149809	35.32654	.0911253	-.011014	-.081603	.2573330	.986957

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.386198	4.358613	.1232609	.0050365	6.800565	3.226071	.0072043
Stddev	.143668	.011376	.0038122	.0004491	.026712	.052283	.0013395
%RSD	1.945081	.2610036	3.092755	8.916053	.3927944	1.620648	18.59257

#1	7.437733	4.355115	.1276247	.0053675	6.807479	3.256254	.0057420
#2	7.496990	4.349397	.1215798	.0045253	6.771075	3.256259	.0083718
#3	7.223871	4.371327	.1205784	.0052166	6.823140	3.165700	.0074990

Sample Name: K1767-04 Acquired: 03/08/2019 16:10:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGM6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3973105	.0465040	.1527736
Stddev	.0080999	.0017342	.0006829
%RSD	2.038681	3.729213	.4469892

#1	.3916762	.0469514	.1525848
#2	.4065929	.0445900	.1535310
#3	.3936624	.0479708	.1522050

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2470.058	2684.202	54190.21	5023.532	3762.528
Stddev	24.023	9.131	368.32	62.091	8.272
%RSD	.9725849	.3401737	.6796877	1.235994	.2198582

#1	2453.275	2690.159	54036.95	5002.088	3766.492
#2	2459.322	2688.757	53923.26	4975.005	3768.073
#3	2497.577	2673.689	54610.42	5093.502	3753.020

Sample Name: K1767-06 Acquired: 03/08/2019 16:19:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0401810	-.003521	27.00372	-.032354	.0649515	64.19837
Stddev	.0035176	.001816	.06959	.004248	.0010821	.28525
%RSD	8.754374	51.56566	.2576952	13.13085	1.665993	.4443236

#1	.0368624	-.005529	26.95517	-.032596	.0643321	64.31335
#2	.0398119	-.001995	26.97255	-.027990	.0643214	64.40819
#3	.0438685	-.003039	27.08345	-.036476	.0662010	63.87358

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 117.2450	.0073602	.0063730	82.42831	.1177613	.1449950
Stddev	.9836	.0000511	.0001473	1.18845	.0003211	.0008539
%RSD	.8388950	.6938887	2.311035	1.441800	.2726702	.5888982

#1	117.5338	.0073312	.0062043	83.23623	.1181312	.1442148
#2	118.0518	.0074192	.0064388	82.98501	.1175972	.1448630
#3	116.1494	.0073302	.0064759	81.06369	.1175553	.1459072

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1781342	190.1347	17.67886	15.69115	.1220069	-.011944
Stddev	.0042778	1.1369	.20933	.09459	.0009383	.000441
%RSD	2.401478	.5979239	1.184092	.6028164	.7690725	3.692246

#1	.1823397	190.8489	17.77921	15.79448	.1215121	-.011693
#2	.1737875	190.7314	17.81913	15.67016	.1214196	-.011686
#3	.1782755	188.8237	17.43824	15.60883	.1230891	-.012453

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4583577	.2479534	26.22407	9.914383	13.82209	.1895872
Stddev	.0476275	.0037245	.32294	.099812	.06770	.0018384
%RSD	10.39090	1.502087	1.231474	1.006743	.4898081	.9696641

#1	.5124867	.2517251	25.86622	10.02871	13.79140	.1887994
#2	.4397146	.2478573	26.31217	9.84459	13.77518	.1916882
#3	.4228719	.2442780	26.49382	9.86985	13.89971	.1882741

Sample Name: K1767-06 Acquired: 03/08/2019 16:19:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082324	20.34205	6.597136	.0249938	1.004131	.0330904
Stddev	.0001418	.09749	.047005	.0013707	.005080	.0021572
%RSD	1.722048	.4792375	.7124993	5.484062	.5059415	6.519249
#1	.0082327	20.29031	6.649223	.0264702	1.002867	.0319277
#2	.0083740	20.28134	6.584307	.0247495	1.009724	.0317638
#3	.0080905	20.45450	6.557878	.0237617	.999803	.0355795

Elem	Sr4077
Units	ppm
Avg	1.247301
Stddev	.004196
%RSD	.3364011
#1	1.244011
#2	1.245867
#3	1.252026

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2596.218	2809.109	57465.95	5337.517	3724.116
Stddev	21.300	3.710	120.97	68.086	9.904
%RSD	.8204093	.1320812	.2105080	1.275604	.2659357
#1	2594.450	2809.318	57460.80	5296.442	3720.101
#2	2575.857	2812.710	57347.64	5300.000	3735.398
#3	2618.346	2805.299	57589.41	5416.108	3716.851

Sample Name: K1767-05 Acquired: 03/08/2019 16:14:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0636874	-.003840	6.994383	-.019840	.0075681	18.85046
Stddev	.0072269	.001748	.012694	.007435	.0015687	.05180
%RSD	11.34741	45.51370	.1814848	37.47579	20.72758	.2747997

#1	.0685729	-.005393	6.988627	-.018742	.0089464	18.79859
#2	.0553858	-.004181	6.985588	-.013015	.0078967	18.85061
#3	.0671035	-.001947	7.008935	-.027763	.0058611	18.90219

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 31.86023	.0037795	.0279442	F 2646.381	.0473248	.0817365
Stddev	.23259	.0000564	.0001920	5.841	.0004461	.0006818
%RSD	.7300263	1.491343	.6870962	.2207322	.9425552	.8341355

#1	31.79531	.0038418	.0278555	2640.284	.0468112	.0811014
#2	31.66701	.0037322	.0278126	2651.928	.0475483	.0816511
#3	32.11838	.0037644	.0281645	2646.929	.0476149	.0824570

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4356796	107.2359	10.98576	F 976.5567	.1031128	-.006674
Stddev	.0059203	.4996	.07228	3.7708	.0016130	.000197
%RSD	1.358864	.4658482	.6579155	.3861318	1.564332	2.954294

#1	.4419987	106.8080	10.90459	972.2072	.1047875	-.006599
#2	.4302614	107.7849	11.04313	978.9045	.1029812	-.006525
#3	.4347786	107.1150	11.00957	978.5585	.1015696	-.006898

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.842830	.1232792	3.353774	6.388119	5.023030	.1173283
Stddev	.199979	.0066272	.081125	.052248	.008816	.0004374
%RSD	7.034495	5.375784	2.418908	.8178894	.1755111	.3728356

#1	2.643834	.1288826	3.271256	6.356739	5.031935	.1173000
#2	3.043777	.1159640	3.356636	6.359184	5.022849	.1177792
#3	2.840878	.1249911	3.433430	6.448433	5.014306	.1169057

Sample Name: K1767-05 Acquired: 03/08/2019 16:14:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0263421	19.89721	2.299349	.0030088	.1050034	.1037827
Stddev	.0002436	.03921	.020522	.0024714	.0031223	.0016182
%RSD	.9248224	.1970572	.8924963	82.14062	2.973554	1.559265

#1	.0266234	19.90440	2.320823	.0044094	.1046051	.1027024
#2	.0261981	19.85490	2.297286	.0044618	.1083058	.1056432
#3	.0262048	19.93232	2.279936	.0001552	.1020993	.1030024

Elem	Sr4077
Units	ppm
Avg	1.768834
Stddev	.005487
%RSD	.3101795

#1	1.773351
#2	1.762728
#3	1.770422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2044.692	2153.433	47241.73	4420.982	2812.191
Stddev	11.493	7.558	122.12	21.375	7.295
%RSD	.5620689	.3509568	.2584930	.4835001	.2594141

#1	2057.829	2161.014	47379.25	4434.748	2820.557
#2	2036.495	2153.385	47199.99	4396.357	2808.861
#3	2039.753	2145.899	47145.96	4431.840	2807.155

Sample Name: K1767-08 Acquired: 03/08/2019 16:27:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1368643	.0018736	4.145538	-.047502	.0066201	56.24964
Stddev	.0013330	.0025024	.013258	.001221	.0014073	.41589
%RSD	.9739272	133.5606	.3198209	2.571292	21.25798	.7393667

#1	.1354897	.0004298	4.135253	-.048464	.0065774	56.33223
#2	.1381513	.0047631	4.140859	-.047914	.0052346	56.61804
#3	.1369518	.0004279	4.160501	-.046128	.0080482	55.79865

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 31.21345	.0069283	.0172627	131.8843	.3236274	.1196268
Stddev	.45800	.0001454	.0001910	.8172	.0008944	.0004285
%RSD	1.467314	2.098752	1.106373	.6196232	.2763639	.3582307

#1	31.72403	.0067909	.0170987	132.0233	.3228374	.1200783
#2	31.07750	.0069133	.0172171	132.6231	.3234464	.1192256
#3	30.83881	.0070806	.0174724	131.0065	.3245985	.1195766

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1964142	285.9485	8.563593	72.60852	.0972356	-.022451
Stddev	.0092443	2.5969	.101047	.65127	.0004745	.000100
%RSD	4.706546	.9081582	1.179960	.8969564	.4879420	.4447376

#1	.1877301	286.5743	8.585475	72.20327	.0967529	-.022511
#2	.1953807	288.1752	8.651906	73.35976	.0977013	-.022506
#3	.2061319	283.0959	8.453398	72.26252	.0972527	-.022336

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2485503	.5180218	2.056941	4.374629	2.233106	.2292646
Stddev	.0591593	.0036489	.036412	.020695	.004388	.0042529
%RSD	23.80173	.7043933	1.770203	.4730642	.1964828	1.855036

#1	.2167898	.5211984	2.065112	4.363167	2.233084	.2305383
#2	.2120542	.5188307	2.088573	4.362201	2.228730	.2327352
#3	.3168068	.5140363	2.017138	4.398518	2.237505	.2245204

Sample Name: K1767-08 Acquired: 03/08/2019 16:27:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106777	8.241370	2.639944	.0053244	.6802215	.0282600
Stddev	.0003781	.019767	.047218	.0001463	.0052361	.0016232
%RSD	3.541085	.2398452	1.788587	2.748575	.7697700	5.743763

#1	.0107313	8.230193	2.683178	.0054314	.6784135	.0294002
#2	.0102757	8.229724	2.647094	.0051576	.6861221	.0264016
#3	.0110262	8.264193	2.589559	.0053841	.6761290	.0289782

Elem	Sr4077
Units	ppm
Avg	.2986466
Stddev	.0008269
%RSD	.2768905

#1	.2994440
#2	.2987028
#3	.2977930

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2337.548	2548.941	52000.07	4812.673	3691.754
Stddev	7.831	7.539	230.93	28.404	6.853
%RSD	.3349912	.2957526	.4440956	.5901933	.1856295

#1	2346.162	2549.004	52201.94	4785.747	3693.267
#2	2330.859	2556.448	51748.26	4842.355	3697.724
#3	2335.625	2541.372	52050.01	4809.918	3684.271

Sample Name: K1767-07 Acquired: 03/08/2019 16:23:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0887738	-.001761	5.480779	-.039938	.0067609	97.86467	5.073607
Stddev	.0009981	.003339	.018850	.002108	.0018584	.12763	.006583
%RSD	1.124297	189.5731	.3439368	5.278477	27.48725	.1304196	.1297462

#1	.0882980	-.000460	5.473670	-.037503	.0086139	97.71891	5.066647
#2	.0881026	-.005555	5.466517	-.041149	.0048972	97.91862	5.079733
#3	.0899207	.000731	5.502150	-.041160	.0067715	97.95646	5.074441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097923	.0864733	142.0013	.1851461	.1567228	.1519615	243.6023
Stddev	.0000418	.0004475	.5554	.0012502	.0002452	.0012269	.6441
%RSD	.4266733	.5174904	.3911572	.6752521	.1564810	.8073570	.2643885

#1	.0098392	.0863154	141.3611	.1864850	.1566845	.1514063	242.9038
#2	.0097787	.0861262	142.3548	.1840092	.1564990	.1533678	243.7302
#3	.0097590	.0869783	142.2881	.1849442	.1569850	.1511104	244.1727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.68614	73.82779	.1635573	-.011598	.2737572	.3929666	4.242465
Stddev	.05579	.05429	.0005269	.000798	.1063012	.0043244	.048944
%RSD	.3798879	.0735403	.3221568	6.883615	38.83047	1.100461	1.153680

#1	14.62350	73.84914	.1630142	-.012391	.1898875	.3886512	4.202440
#2	14.70439	73.86817	.1640664	-.011608	.2380754	.3973000	4.297033
#3	14.73051	73.76607	.1635912	-.010794	.3933087	.3929487	4.227924

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.63205	7.640154	.1958586	.0059994	5.140871	2.269203	.0089063
Stddev	.03065	.037313	.0039825	.0001173	.020293	.031772	.0005889
%RSD	.2426744	.4883783	2.033357	1.954294	.3947407	1.400120	6.612730

#1	12.64594	7.615433	.1912607	.0058641	5.118759	2.299756	.0089802
#2	12.59690	7.621954	.1982224	.0060623	5.145212	2.271512	.0094548
#3	12.65329	7.683074	.1980929	.0060718	5.158642	2.236339	.0082839

Sample Name: K1767-07 Acquired: 03/08/2019 16:23:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGM9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5398623	.0580020	.1353896
Stddev	.0017534	.0005866	.0004137
%RSD	.3247860	1.011268	.3055918

#1	.5387251	.0576569	.1353117
#2	.5418816	.0576700	.1350203
#3	.5389802	.0586793	.1358367

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2537.963	2754.520	55979.22	5231.022	3640.302
Stddev	16.372	3.651	318.75	14.886	3.561
%RSD	.6450843	.1325608	.5694032	.2845761	.0978177

#1	2556.848	2752.932	56332.88	5214.703	3640.040
#2	2529.268	2758.696	55890.68	5234.507	3643.987
#3	2527.772	2751.931	55714.10	5243.857	3636.880

Sample Name: CCV051 Acquired: 03/08/2019 16:35:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV051 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.789457	4.789184	24.10899	4.651972	4.848829	404.5882	9.820139
Stddev	.022762	.012586	.10542	.026411	.025750	.5350	.014924
%RSD	.4752562	.2628108	.4372495	.5677459	.5310603	.1322403	.1519688

#1	4.775942	4.784802	24.05807	4.627587	4.826123	404.0651	9.833878
#2	4.776692	4.779374	24.03870	4.648304	4.843558	404.5650	9.804262
#3	4.815737	4.803375	24.23020	4.680026	4.876807	405.1344	9.822277

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4855555	2.393057	407.1278	14.83504	2.431475	14.67330	412.0338
Stddev	.0046676	.008200	2.1640	.01665	.008901	.01162	2.4087
%RSD	.9612874	.3426473	.5315319	.1122439	.3660862	.0791944	.5845859

#1	.4825050	2.388621	404.6313	14.84344	2.425427	14.66772	409.3001
#2	.4832328	2.388031	408.4683	14.81586	2.427302	14.68666	413.8447
#3	.4909288	2.402519	408.2839	14.84582	2.441696	14.66553	412.9566

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.67377	400.6618	2.432407	1.238780	399.3509	2.445373	14.78712
Stddev	.12513	2.2843	.011047	.007841	1.6366	.010573	.24939
%RSD	.8527197	.5701436	.4541691	.6329880	.4098041	.4323681	1.686566

#1	14.53758	398.0408	2.422106	1.234893	397.6519	2.433167	14.72526
#2	14.78364	402.2288	2.431041	1.233641	399.4841	2.451659	15.06162
#3	14.70009	401.7160	2.444073	1.247805	400.9168	2.451294	14.57447

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.3690	5.239751	5.001170	4.789368	4.984824	4.859765	4.875661
Stddev	.2073	.010680	.033632	.024279	.014530	.047814	.005027
%RSD	.1378349	.2038225	.6724806	.5069357	.2914872	.9838841	.1031101

#1	150.4689	5.238664	4.971687	4.773177	4.989636	4.836790	4.872544
#2	150.1307	5.229657	4.994020	4.777642	4.968498	4.827775	4.872979
#3	150.5074	5.250933	5.037802	4.817284	4.996338	4.914731	4.881461

Sample Name: CCV051 Acquired: 03/08/2019 16:35:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCV051 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.878633	4.941476	4.869697
Stddev	.010419	.009109	.004903
%RSD	.2135635	.1843361	.1006755

#1	4.866602	4.945611	4.871148
#2	4.884737	4.931033	4.873710
#3	4.884558	4.947783	4.864232

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.010	2152.867	46935.78	4373.232	3148.787
Stddev	14.973	11.034	189.94	13.582	10.701
%RSD	.7303666	.5125415	.4046881	.3105602	.3398328

#1	2052.787	2159.082	46770.68	4374.690	3152.598
#2	2033.843	2159.393	46893.30	4386.026	3157.061
#3	2063.400	2140.127	47143.37	4358.980	3136.703

Sample Name: PB117749BS Acquired: 03/08/2019 16:31:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS749 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188811	.0549725	.0201102	.0787474	.1324953	.4074172	.4301128
Stddev	.0002666	.0018545	.0005184	.0029367	.0007568	.0174601	.0012600
%RSD	1.412201	3.373449	2.577807	3.729262	.5712233	4.285562	.2929486

#1	.0185751	.0571065	.0201886	.0753581	.1322071	.4002393	.4297585
#2	.0190636	.0537523	.0205849	.0805354	.1319248	.3946901	.4290679
#3	.0190045	.0540586	.0195570	.0803486	.1333539	.4273223	.4315120

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105700	.0106681	10.93137	.0236505	.1016833	.0593460	.2523239
Stddev	.0000130	.0000662	.14301	.0003287	.0006199	.0026866	.0241332
%RSD	.1228394	.6209163	1.308283	1.389982	.6096044	4.527003	9.564389

#1	.0105850	.0106876	10.88157	.0239951	.1010077	.0562487	.2791040
#2	.0105626	.0105944	10.81991	.0233403	.1018164	.0607439	.2322605
#3	.0105624	.0107225	11.09262	.0236160	.1022258	.0610455	.2456073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0376988	10.48709	.0869584	.0220277	10.30598	.1111176	.1175465
Stddev	.0016410	.07547	.0003791	.0005256	.22818	.0047289	.0227855
%RSD	4.352893	.7196543	.4358964	2.386023	2.214020	4.255786	19.38426

#1	.0381203	10.51302	.0865487	.0222230	10.37972	.1114253	.1432796
#2	.0358881	10.40207	.0870298	.0224278	10.48818	.1156851	.1094272
#3	.0390879	10.54617	.0872967	.0214325	10.05006	.1062423	.0999328

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.53272	.0186110	.0164605	.0215179	.1928424	.2115327	.0132086
Stddev	.06256	.0014359	.0006450	.0004532	.0036777	.0004644	.0008043
%RSD	.5939462	7.715454	3.918800	2.106332	1.907087	.2195260	6.089009

#1	10.47114	.0192253	.0171991	.0213463	.1966957	.2117247	.0124732
#2	10.59621	.0196376	.0161750	.0211756	.1893700	.2110031	.0140675
#3	10.53081	.0169701	.0160075	.0220319	.1924615	.2118702	.0130852

Sample Name: PB117749BS Acquired: 03/08/2019 16:31:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: LCS749 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2250997	.1010473	.2135061
Stddev	.0017736	.0003783	.0007564
%RSD	.7879117	.3743255	.3542821

#1	.2237584	.1010685	.2143485
#2	.2271106	.1006588	.2132846
#3	.2244301	.1014144	.2128851

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2267.352	2497.202	49468.53	4537.143	3885.012
Stddev	27.806	13.402	405.37	18.223	24.474
%RSD	1.226376	.5366887	.8194550	.4016479	.6299502

#1	2252.924	2505.685	49171.72	4518.610	3903.615
#2	2249.725	2504.169	49303.47	4537.780	3894.134
#3	2299.407	2481.751	49930.39	4555.040	3857.287

Sample Name: K1767-09 Acquired: 03/08/2019 16:43:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0686518	-.001431	5.274533	-.029051	.0059415	59.94916	5.718382
Stddev	.0101846	.001995	.016450	.001469	.0024791	.33920	.000938
%RSD	14.83513	139.3656	.3118813	5.055011	41.72440	.5658152	.0164027

#1	.0613559	-.003712	5.271422	-.029868	.0073715	59.55754	5.717312
#2	.0643120	-.000567	5.259861	-.029930	.0073741	60.13936	5.719065
#3	.0802874	-.000015	5.292317	-.027356	.0030789	60.15059	5.718768

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061949	.0169216	550.2541	.0897426	.1255923	.5183045	166.9538
Stddev	.0000762	.0002018	5.3932	.0007515	.0005625	.0025042	1.6551
%RSD	1.230693	1.192454	.9801333	.8373632	.4478702	.4831541	.9913732

#1	.0062500	.0167510	544.5896	.0905943	.1259284	.5204852	165.0542
#2	.0062267	.0168694	555.3273	.0891728	.1249429	.5155696	168.0856
#3	.0061078	.0171443	550.8454	.0894608	.1259056	.5188586	167.7216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.78102	285.5549	.1079259	-.009837	.6256485	.1974876	1.569771
Stddev	.18698	2.8068	.0005213	.000180	.5031054	.0052129	.060187
%RSD	1.356798	.9829166	.4829773	1.824792	80.41342	2.639608	3.834157

#1	13.57150	282.3176	.1081930	-.009630	.1316433	.1941978	1.620294
#2	13.93091	287.3074	.1073252	-.009940	1.137385	.1947671	1.503181
#3	13.84066	287.0398	.1082594	-.009942	.607917	.2034980	1.585840

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.181334	5.425545	.1614327	.0048405	23.66727	2.353374	.0044376
Stddev	.050908	.042245	.0067964	.0002170	.06631	.024341	.0005114
%RSD	.7088999	.7786227	4.210084	4.483316	.2801861	1.034315	11.52540

#1	7.231961	5.378751	.1554300	.0050590	23.64772	2.325570	.0044274
#2	7.181891	5.437010	.1600559	.0046250	23.61293	2.363711	.0049540
#3	7.130149	5.460873	.1688121	.0048376	23.74116	2.370840	.0039313

Sample Name: K1767-09 Acquired: 03/08/2019 16:43:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGN1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3723105	.0593465	.2527771
Stddev	.0062060	.0018347	.0005682
%RSD	1.666892	3.091413	.2247738

#1	.3651675	.0599151	.2532831
#2	.3753840	.0608295	.2521624
#3	.3763800	.0572949	.2528857

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2290.719	2472.383	51601.66	4812.758	3373.662
Stddev	25.340	7.471	190.39	14.730	6.609
%RSD	1.106182	.3021730	.3689669	.3060579	.1959078

#1	2264.848	2474.392	51466.19	4824.016	3376.716
#2	2315.492	2478.644	51519.45	4796.088	3378.192
#3	2291.816	2464.113	51819.35	4818.170	3366.078

Sample Name: CCB051 Acquired: 03/08/2019 16:39:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB051 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002606	-.000117	.0006178	-.000097	.0001507	.0035153	-.001526
Stddev	.003547	.001825	.0006772	.003606	.0022613	.0074710	.001150
%RSD	136.0745	1562.041	109.6133	3703.203	1501.061	212.5281	75.35497

#1	.000785	.001874	.0013998	.000606	.0019755	-.002006	-.001013
#2	-.002314	-.001711	.0002266	-.004003	-.002379	.000535	-.002843
#3	-.006291	-.000514	.0002270	.003105	.000856	.012016	-.000722

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000037	-.000016	-.004156	.0000638	.0002023	-.001529	.0345344
Stddev	.0000603	.000091	.002031	.0005880	.0003988	.007584	.0109897
%RSD	1618.865	555.5914	48.87022	921.7201	197.0910	495.9347	31.82256

#1	-.000046	.000077	-.005352	.0005382	-.000197	.004822	.0278464
#2	.000071	-.000105	-.005305	.0002473	.000204	-.009926	.0472180
#3	-.000013	-.000021	-.001811	-.000594	.000600	.000516	.0285389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030411	.0345215	-.000194	.0001974	.1407629	.0016778	.0041511
Stddev	.0003109	.0445616	.000107	.0004237	.1039003	.0045355	.0069587
%RSD	10.22284	129.0837	55.17135	214.6355	73.81226	270.3221	167.6327

#1	.0027214	.0531976	-.000209	.0006164	.2020048	.0053777	.0090380
#2	.0033424	.0667061	-.000080	.0002066	.0207980	.0030378	-.003816
#3	.0030595	-.016339	-.000293	-.000231	.1994860	-.003382	.007231

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0729481	-.001532	.0041561	-.000107	-.002126	.0020211	-.000429
Stddev	.0119180	.004884	.0010060	.000192	.005241	.0013654	.000411
%RSD	16.33766	318.7934	24.20628	179.8115	246.5293	67.55697	95.67800

#1	.0700419	-.001748	.0051231	.000013	.002488	.0009059	-.000441
#2	.0627520	-.006304	.0042300	-.000005	-.001041	.0035439	-.000013
#3	.0860505	.003457	.0031151	-.000329	-.007824	.0016136	-.000834

Sample Name: CCB051 Acquired: 03/08/2019 16:39:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB051 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002390	.0044115	-.000038
Stddev	.0017455	.0012050	.000106
%RSD	730.4579	27.31512	279.7337

#1	-.000355	.0038128	-.000156
#2	.002204	.0036230	-.000004
#3	-.001132	.0057986	.000047

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2285.560	2500.260	49247.94	4487.990	3862.324
Stddev	13.151	4.413	134.55	3.054	11.933
%RSD	.5753919	.1764820	.2732181	.0680479	.3089619

#1	2271.371	2503.853	49098.98	4491.450	3873.051
#2	2297.339	2501.592	49284.16	4485.670	3864.452
#3	2287.971	2495.335	49360.67	4486.850	3849.471

Sample Name: K1767-10 Acquired: 03/08/2019 16:47:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0940752	.0024379	3.001208	-.030804	.0081285	86.81945	8.132388
Stddev	.0028007	.0020505	.015182	.002445	.0025509	.40144	.029057
%RSD	2.977109	84.10736	.5058644	7.938092	31.38203	.4623832	.3572996

#1	.0961205	.0007954	2.993773	-.033036	.0051841	87.24694	8.164570
#2	.0952220	.0017823	2.991177	-.028190	.0096698	86.45049	8.124514
#3	.0908831	.0047360	3.018675	-.031186	.0095316	86.76093	8.108079

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075541	.0118723	179.2451	.1842233	.1215872	.5805474	206.2920
Stddev	.0001345	.0000921	1.0561	.0002707	.0005374	.0034651	1.1016
%RSD	1.780222	.7761159	.5891855	.1469632	.4420285	.5968714	.5339838

#1	.0074769	.0119778	180.2811	.1843920	.1212223	.5823394	207.5437
#2	.0074760	.0118313	178.1701	.1839110	.1213349	.5827495	205.8621
#3	.0077094	.0118077	179.2841	.1843669	.1222044	.5765532	205.4701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.350083	92.89544	.1796125	-.015822	.5276810	.3751253	2.944853
Stddev	.049528	.56363	.0011976	.000121	.1796942	.0089864	.067047
%RSD	.5931410	.6067306	.6667841	.7651580	34.05357	2.395572	2.276769

#1	8.405956	93.45806	.1783177	-.015827	.7344815	.3824968	2.890781
#2	8.332711	92.33081	.1798391	-.015940	.4096123	.3777641	3.019874
#3	8.311581	92.89743	.1806806	-.015698	.4389491	.3651149	2.923905

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.057334	5.962166	.1900015	.0069381	5.447145	2.148832	.0078787
Stddev	.100685	.017070	.0057872	.0003689	.016116	.078946	.0007419
%RSD	1.426668	.2862983	3.045856	5.316926	.2958598	3.673897	9.416560

#1	7.041078	5.970170	.1958448	.0071050	5.443899	2.211723	.0074163
#2	6.965767	5.942565	.1898875	.0071941	5.432900	2.060238	.0087344
#3	7.165158	5.973763	.1842722	.0065153	5.464638	2.174537	.0074854

Sample Name: K1767-10 Acquired: 03/08/2019 16:47:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGN2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6372480	.0536152	.1744357
Stddev	.0039883	.0013548	.0002005
%RSD	.6258600	2.526882	.1149565

#1	.6416648	.0522579	.1743375
#2	.6339103	.0549675	.1746664
#3	.6361689	.0536201	.1743032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2429.835	2654.843	53805.24	5050.024	3635.663
Stddev	26.020	9.329	312.35	32.775	16.381
%RSD	1.070875	.3513995	.5805220	.6490048	.4505755

#1	2459.872	2653.979	54165.48	5070.754	3632.262
#2	2414.190	2664.574	53609.72	5067.078	3653.479
#3	2415.443	2645.976	53640.54	5012.238	3621.250

Sample Name: K1767-11 Acquired: 03/08/2019 16:51:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGN3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0623965	.0002549	4.751303	-.028546	.0063246	58.30693
Stddev	.0033314	.0007115	.027969	.003303	.0011173	.15554
%RSD	5.339126	279.1101	.5886697	11.57172	17.66616	.2667585

#1	.0609635	.0007154	4.739295	-.028050	.0054883	58.12950
#2	.0600213	-.000565	4.731343	-.032069	.0058920	58.37152
#3	.0662046	.000614	4.783272	-.025518	.0075935	58.41976

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 25.92594	.0053124	.0089322	46.40998	.1499020	.1241257
Stddev	.13863	.0000804	.0001555	.21771	.0012234	.0012284
%RSD	.5347018	1.512708	1.740899	.4690957	.8161233	.9896049

#1	25.76611	.0053324	.0087730	46.16032	.1486978	.1237364
#2	25.99814	.0052239	.0089399	46.50933	.1498646	.1231391
#3	26.01356	.0053808	.0090838	46.56029	.1511437	.1255015

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2717400	179.6820	7.401842	21.52174	.1037958	-.013381
Stddev	.0062188	.6489	.023110	.08429	.0004619	.000099
%RSD	2.288502	.3611649	.3122142	.3916459	.4450563	.7406346

#1	.2772924	179.7744	7.375162	21.44384	.1041993	-.013278
#2	.2729072	180.2798	7.414720	21.61122	.1032919	-.013475
#3	.2650203	178.9918	7.415643	21.51015	.1038963	-.013390

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.031261	.2657662	3.893146	7.276845	4.714807	.1728544
Stddev	.384253	.0023783	.050401	.042265	.026909	.0066442
%RSD	1229.195	.8948726	1.294607	.5808198	.5707305	3.843795

#1	-.473234	.2631528	3.910436	7.251029	4.695417	.1800048
#2	.155893	.2678035	3.932626	7.325621	4.703476	.1716872
#3	.223559	.2663425	3.836376	7.253884	4.745528	.1668712

Sample Name: K1767-11 Acquired: 03/08/2019 16:51:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087052	10.53778	3.290014	.0161722	.6805792	.0414169
Stddev	.0000540	.05202	.064196	.0006636	.0082647	.0018630
%RSD	.6200258	.4936422	1.951227	4.103544	1.214362	4.498072

#1	.0087002	10.50795	3.217385	.0169373	.6752613	.0403896
#2	.0087615	10.50754	3.313492	.0157532	.6901008	.0435674
#3	.0086538	10.59784	3.339166	.0158260	.6763757	.0402937

Elem	Sr4077
Units	ppm
Avg	.2318153
Stddev	.0006129
%RSD	.2643760

#1	.2324458
#2	.2312218
#3	.2317782

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2383.719	2622.762	52543.41	4870.390	3834.484
Stddev	4.929	12.348	79.31	35.388	20.848
%RSD	.2067618	.4707956	.1509501	.7266010	.5436903

#1	2379.000	2625.254	52631.53	4905.865	3835.361
#2	2383.323	2633.674	52520.98	4870.218	3854.879
#3	2388.833	2609.358	52477.73	4835.089	3813.211

Sample Name: K1767-12 Acquired: 03/08/2019 16:55:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0841885	.0001208	14.19976	-.090444	.0142223	47.67625
Stddev	.0012240	.0053702	.05641	.005107	.0012356	.20227
%RSD	1.453874	4446.001	.3972648	5.646422	8.687956	.4242482

#1	.0840011	-.004186	14.14527	-.095023	.0151873	47.84566
#2	.0830691	.006138	14.19611	-.091374	.0146498	47.45231
#3	.0854954	-.001589	14.25791	-.084937	.0128296	47.73077

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.75627	.0087107	.0575486	349.3534	.5301868	.1439329
Stddev	.21094	.0000680	.0000501	2.7688	.0005370	.0006779
%RSD	.6439662	.7804894	.0871519	.7925632	.1012854	.4709604

#1	32.87253	.0086325	.0575180	349.9567	.5296003	.1432156
#2	32.51278	.0087560	.0575213	346.3326	.5306544	.1440201
#3	32.88350	.0087435	.0576065	351.7709	.5303056	.1445629

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9357897	513.0294	14.06147	165.6257	.2987126	-.043653
Stddev	.0040742	3.8258	.15386	1.3045	.0014602	.000568
%RSD	.4353725	.7457253	1.094177	.7876367	.4888457	1.300939

#1	.9404939	515.4252	14.13739	166.7231	.2985931	-.043290
#2	.9333968	508.6172	13.88440	164.1834	.2973157	-.043361
#3	.9334784	515.0458	14.16260	165.9707	.3002288	-.044307

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.371321	.3150561	6.790707	5.768305	5.719264	.4475154
Stddev	.095337	.0091067	.037953	.011396	.016331	.0176378
%RSD	25.67521	2.890487	.5589032	.1975564	.2855399	3.941272

#1	-.455308	.3050882	6.822962	5.761462	5.714270	.4516002
#2	-.390962	.3171396	6.800273	5.761992	5.706014	.4281936
#3	-.267693	.3229404	6.748886	5.781460	5.737509	.4627524

Sample Name: K1767-12 Acquired: 03/08/2019 16:55:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0472062	15.11225	2.466900	.0718479	.8855891	.0458560
Stddev	.0005071	.04719	.032478	.0019757	.0082584	.0019795
%RSD	1.074205	.3122655	1.316546	2.749825	.9325359	4.316684

#1	.0466495	15.12543	2.452829	.0713190	.8878529	.0465870
#2	.0473272	15.05988	2.443831	.0701906	.8764348	.0436150
#3	.0476418	15.15146	2.504041	.0740343	.8924795	.0473660

Elem	Sr4077
Units	ppm
Avg	.3867900
Stddev	.0017813
%RSD	.4605311

#1	.3876234
#2	.3880018
#3	.3847448

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2304.862	2467.402	51525.39	4849.318	3511.498
Stddev	12.936	5.634	183.67	7.903	4.549
%RSD	.5612468	.2283432	.3564728	.1629633	.1295551

#1	2290.111	2463.450	51329.42	4845.995	3511.820
#2	2314.271	2473.853	51553.14	4858.340	3515.877
#3	2310.205	2464.902	51693.61	4843.620	3506.796

Sample Name: K1767-13 Acquired: 03/08/2019 16:59:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0694673	.0006114	9.249985	-.031215	.0094982	48.33623	8.361859
Stddev	.0014806	.0024569	.042546	.004424	.0025672	.32037	.018111
%RSD	2.131401	401.8379	.4599616	14.17179	27.02815	.6628028	.2165890

#1	.0682146	-.002191	9.217589	-.032171	.0122942	47.96965	8.343254
#2	.0690860	.001631	9.234199	-.026392	.0072473	48.47646	8.379431
#3	.0711013	.002394	9.298169	-.035083	.0089533	48.56258	8.362892

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057716	.0402678	589.6754	.2324728	.1172281	28.82792	176.9809
Stddev	.0000786	.0000391	5.4703	.0020466	.0008220	.08651	2.1510
%RSD	1.361164	.0970149	.9276878	.8803573	.7011970	.3001031	1.215365

#1	.0056957	.0403128	583.3883	.2343306	.1164644	28.73999	174.6999
#2	.0057666	.0402486	592.2906	.2328089	.1171218	28.91295	177.2702
#3	.0058525	.0402421	593.3472	.2302790	.1180981	28.83082	178.9725

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.735899	321.8237	.1206698	-.009406	.2775357	.2843827	3.744570
Stddev	.142847	4.0671	.0003219	.000146	.2374137	.0096396	.032513
%RSD	1.467222	1.263776	.2667666	1.549187	85.54348	3.389663	.8682768

#1	9.580125	317.5717	.1210073	-.009519	.4751333	.2741425	3.707663
#2	9.766816	322.2227	.1203661	-.009241	.0141719	.2932812	3.757066
#3	9.860755	325.6766	.1206360	-.009456	.3433020	.2857244	3.768981

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.432018	5.011289	.1522879	.0066536	17.98802	2.511550	.5906656
Stddev	.069288	.026695	.0074929	.0002437	.09170	.026636	.0036929
%RSD	1.275551	.5326938	4.920211	3.662031	.5098114	1.060529	.6252161

#1	5.377337	4.996398	.1507089	.0063736	17.90234	2.483753	.5866198
#2	5.408779	4.995361	.1457103	.0067702	17.97697	2.514049	.5915219
#3	5.509939	5.042108	.1604444	.0068171	18.08474	2.536849	.5938552

Sample Name: K1767-13 Acquired: 03/08/2019 16:59:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGN5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5233134	.0413866	.2511095
Stddev	.0039468	.0011520	.0014849
%RSD	.7541951	2.783478	.5913370

#1	.5187753	.0403846	.2521726
#2	.5259452	.0411299	.2517430
#3	.5252197	.0426453	.2494129

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2293.382	2443.005	51680.38	4776.760	3391.559
Stddev	5.629	8.435	214.58	49.841	18.397
%RSD	.2454574	.3452856	.4151986	1.043403	.5424439

#1	2299.601	2448.455	51847.91	4819.027	3403.965
#2	2288.636	2447.270	51438.52	4721.800	3400.291
#3	2291.908	2433.289	51754.71	4789.454	3370.422

Sample Name: K1767-15 Acquired: 03/08/2019 17:07:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGN6D Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527300	-.000016	.3561419	-.016953	.0017681	76.54572	2.917780
Stddev	.0014520	.003560	.0024403	.000715	.0015149	.27792	.006998
%RSD	2.753643	22710.06	.6852141	4.219393	85.67553	.3630805	.2398405

#1	.0541905	-.004117	.3555362	-.016918	.0022185	76.58474	2.915619
#2	.0512867	.001787	.3540616	-.016255	.0000791	76.80206	2.925603
#3	.0527128	.002283	.3588281	-.017685	.0030067	76.25034	2.912117

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078619	.0032746	18.84884	.0998057	.1700564	.0979728	129.6165
Stddev	.0000620	.0000765	.09832	.0005346	.0010732	.0029048	.3292
%RSD	.7891282	2.336105	.5216019	.5356690	.6310711	2.964901	.2540123

#1	.0079091	.0032303	18.84963	.1003755	.1696364	.0949107	129.9702
#2	.0078850	.0032305	18.94676	.0997264	.1692568	.0983184	129.3189
#3	.0077916	.0033629	18.75013	.0993152	.1712761	.1006894	129.5604

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.63108	10.64111	.1249173	-.008441	.0824859	.2440138	.8886257
Stddev	.04942	.09897	.0006989	.000526	.1207312	.0041259	.0047808
%RSD	.2652383	.9300299	.5594799	6.226036	146.3658	1.690837	.5379999

#1	18.66494	10.56820	.1245609	-.008626	.2161867	.2393561	.8891404
#2	18.57438	10.60136	.1244686	-.007848	.0498277	.2472099	.8836084
#3	18.65394	10.75377	.1257226	-.008849	-.018557	.2454754	.8931283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.624012	3.023037	.1219708	.0037510	2.221731	2.874867	.0045783
Stddev	.128251	.019930	.0019270	.0001124	.011066	.024823	.0009138
%RSD	1.487140	.6592586	1.579917	2.996504	.4980825	.8634564	19.95992

#1	8.494209	3.013566	.1241694	.0037648	2.222312	2.846308	.0040242
#2	8.750653	3.009608	.1205747	.0038559	2.210385	2.887034	.0056330
#3	8.627173	3.045936	.1211683	.0036324	2.232495	2.891259	.0040776

Sample Name: K1767-15 Acquired: 03/08/2019 17:07:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGN6D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5911805	.0409552	.1186225
Stddev	.0015042	.0003581	.0002615
%RSD	.2544385	.8743415	.2204180

#1	.5928242	.0409454	.1183378
#2	.5898726	.0413180	.1188519
#3	.5908447	.0406020	.1186777

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2597.668	2853.087	56969.71	5210.229	3912.639
Stddev	22.118	7.192	160.16	26.910	9.500
%RSD	.8514652	.2520750	.2811234	.5164759	.2427977

#1	2578.676	2860.299	56820.88	5220.698	3919.535
#2	2592.376	2853.046	56949.07	5179.658	3916.578
#3	2621.952	2845.915	57139.19	5230.331	3901.803

Sample Name: K1767-14 Acquired: 03/08/2019 17:03:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGN6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0478149	-.001436	.3503817	-.018335	.0008120	74.75912	2.860637
Stddev	.0045518	.004457	.0014573	.001976	.0016150	.18511	.003293
%RSD	9.519722	310.3246	.4159258	10.77878	198.8917	.2476041	.1151160

#1	.0432641	-.005599	.3518530	-.019069	-.001053	74.58122	2.857312
#2	.0478128	-.001975	.3503533	-.019839	.001761	74.95067	2.860702
#3	.0523678	.003266	.3489388	-.016096	.001728	74.74546	2.863897

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076897	.0032372	18.46507	.1001847	.1645800	.0981955	126.5763
Stddev	.0000589	.0000576	.14301	.0002484	.0008384	.0067258	.4213
%RSD	.7661419	1.780829	.7744672	.2478990	.5094133	6.849402	.3328447

#1	.0076329	.0031876	18.38667	.1000169	.1647878	.0918786	126.2997
#2	.0076856	.0032236	18.63013	.1000671	.1636572	.1052667	127.0612
#3	.0077505	.0033005	18.37841	.1004700	.1652948	.0974413	126.3680

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.12596	10.35830	.1226596	-.008134	.1781683	.2376420	.8604596
Stddev	.14309	.21202	.0006513	.000122	.1066875	.0038382	.0241847
%RSD	.7894204	2.046900	.5309613	1.499022	59.88015	1.615104	2.810673

#1	18.01214	10.15652	.1224389	-.008215	.1114902	.2394823	.8842376
#2	18.28659	10.57926	.1221474	-.008194	.3012166	.2332303	.8358877
#3	18.07914	10.33913	.1233926	-.007994	.1217982	.2402135	.8612535

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.359485	2.964534	.1201782	.0036643	2.176023	2.837826	.0049008
Stddev	.082814	.011097	.0017580	.0003974	.016583	.072230	.0009390
%RSD	.9906537	.3743111	1.462817	10.84581	.7620747	2.545245	19.16114

#1	8.341982	2.958611	.1220243	.0039394	2.181769	2.754822	.0038389
#2	8.449652	2.957656	.1199863	.0038449	2.157332	2.872263	.0052417
#3	8.286823	2.977336	.1185241	.0032087	2.188969	2.886392	.0056217

Sample Name: K1767-14 Acquired: 03/08/2019 17:03:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGN6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5637796	.0412487	.1161500
Stddev	.0050524	.0017921	.0005380
%RSD	.8961599	4.344574	.4631892

#1	.5624584	.0406975	.1158745
#2	.5693612	.0397969	.1167700
#3	.5595190	.0432516	.1158056

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2606.634	2847.941	56886.46	5246.677	3908.165
Stddev	12.014	4.867	290.62	33.978	1.878
%RSD	.4608827	.1708920	.5108814	.6476155	.0480550

#1	2594.580	2852.706	56576.24	5281.614	3909.865
#2	2618.606	2842.978	57152.40	5213.746	3908.483
#3	2606.715	2848.140	56930.75	5244.670	3906.149

Sample Name: K1767-14LX5 Acquired: 03/08/2019 17:15:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127336	-.000270	.0731421	-.004910	-.000453	16.91779	.6381262
Stddev	.0033865	.002459	.0009347	.003453	.000734	.03467	.0019394
%RSD	26.59466	909.4348	1.277976	70.33584	162.1074	.2049407	.3039195

#1	.0164360	.002393	.0741802	-.007496	-.000460	16.95737	.6390978
#2	.0119718	-.000751	.0728791	-.000988	.000285	16.90320	.6358931
#3	.0097929	-.002454	.0723671	-.006245	-.001184	16.89280	.6393878

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018157	.0006475	4.196128	.0223315	.0339639	.0239224	28.91602
Stddev	.0000526	.0000306	.038735	.0006388	.0002653	.0023771	.24251
%RSD	2.898718	4.728570	.9231117	2.860390	.7812213	9.936606	.8386706

#1	.0018286	.0006758	4.235268	.0217388	.0342481	.0266663	29.07328
#2	.0018606	.0006518	4.195303	.0230080	.0337227	.0224903	29.03804
#3	.0017578	.0006150	4.157811	.0222476	.0339210	.0226106	28.63673

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.148476	2.357440	.0250019	-.001542	.0242547	.0515658	.1756615
Stddev	.046529	.096390	.0004977	.000206	.4026768	.0069768	.0093284
%RSD	1.121593	4.088738	1.990680	13.35165	1660.201	13.52982	5.310428

#1	4.189857	2.421621	.0255744	-.001323	.3905797	.0435184	.1834878
#2	4.157462	2.404099	.0247585	-.001731	.0890905	.0552652	.1653389
#3	4.098110	2.246599	.0246727	-.001573	-.406906	.0559136	.1781579

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.882378	.6200008	.0253001	.0009452	.4581798	.6589476	.0001705
Stddev	.033374	.0018645	.0017175	.0002240	.0071370	.0098738	.0003824
%RSD	1.772984	.3007207	6.788531	23.69643	1.557677	1.498419	224.3073

#1	1.844827	.6196971	.0235655	.0007572	.4548757	.6475725	-.000257
#2	1.908655	.6219985	.0270000	.0011930	.4532937	.6653043	.000287
#3	1.893651	.6183068	.0253349	.0008855	.4663701	.6639659	.000481

Sample Name: K1767-14LX5 Acquired: 03/08/2019 17:15:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGN6L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1266203	.0100870	.0262352
Stddev	.0020049	.0012659	.0000644
%RSD	1.583372	12.55029	.2455111

#1	.1277389	.0095244	.0262870
#2	.1278163	.0091998	.0261631
#3	.1243057	.0115367	.0262555

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2372.321	2606.247	51306.68	4685.618	3951.573
Stddev	5.412	8.737	18.49	15.430	11.922
%RSD	.2281361	.3352445	.0360421	.3293068	.3016995

#1	2371.559	2603.102	51285.96	4686.624	3951.599
#2	2378.073	2616.121	51321.51	4700.520	3963.482
#3	2367.330	2599.517	51312.56	4669.709	3939.638

Sample Name: K1767-16 Acquired: 03/08/2019 17:11:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1244264	.1065514	.4118386	-.001956	.0395324	86.11653	6.816088
Stddev	.0019970	.0027729	.0017845	.000662	.0017936	.14289	.012240
%RSD	1.604998	2.602402	.4333037	33.87254	4.536994	.1659313	.1795684

#1	.1250134	.1094304	.4114182	-.002717	.0399232	86.27665	6.827999
#2	.1222017	.1063255	.4103019	-.001643	.0375757	86.00197	6.816720
#3	.1260642	.1038984	.4137958	-.001507	.0410984	86.07098	6.803544

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0943768	.1073929	18.46472	.5077190	1.218065	.5892677	138.3994
Stddev	.0007848	.0004565	.12569	.0000800	.002160	.0018861	.1493
%RSD	.8315251	.4250897	.6807193	.0157467	.1773294	.3200663	.1078426

#1	.0948548	.1072376	18.55914	.5077288	1.216942	.5892796	138.3870
#2	.0934711	.1070343	18.32205	.5076346	1.216698	.5873757	138.5544
#3	.0948044	.1079068	18.51296	.5077936	1.220555	.5911477	138.2567

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.12625	10.85170	1.168413	.0806167	-.056774	1.194253	1.824238
Stddev	.07260	.03146	.003751	.0004980	.080122	.003406	.011859
%RSD	.3607358	.2899395	.3210067	.6177404	141.1244	.2851604	.6500829

#1	20.20975	10.81539	1.168812	.0801539	.023807	1.192928	1.816300
#2	20.09090	10.86874	1.164478	.0805525	-.136429	1.191710	1.837870
#3	20.07808	10.87097	1.171948	.0811437	-.057699	1.198122	1.818543

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.829296	2.886279	.1349066	.0047884	2.178488	2.654941	.0060677
Stddev	.156908	.005965	.0011455	.0002327	.014074	.014187	.0014937
%RSD	1.777131	.2066724	.8491343	4.860141	.6460579	.5343540	24.61682

#1	9.008759	2.886629	.1353612	.0045915	2.179444	2.669972	.0077489
#2	8.718002	2.880147	.1336035	.0047284	2.163961	2.641784	.0048935
#3	8.761126	2.892062	.1357551	.0050452	2.192060	2.653068	.0055607

Sample Name: K1767-16 Acquired: 03/08/2019 17:11:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGN6S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6709258	.0443332	.1215881
Stddev	.0043004	.0011658	.0003098
%RSD	.6409712	2.629548	.2548075

#1	.6753855	.0439474	.1219197
#2	.6668046	.0434092	.1213060
#3	.6705872	.0456430	.1215387

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2610.307	2846.306	57167.12	5284.412	3893.342
Stddev	5.361	5.658	72.92	39.050	5.541
%RSD	.2053677	.1987675	.1275575	.7389676	.1423263

#1	2610.234	2852.388	57245.10	5257.368	3896.125
#2	2615.704	2841.200	57155.66	5329.181	3896.941
#3	2604.983	2845.329	57100.61	5266.687	3886.961

Sample Name: K1767-19 Acquired: 03/08/2019 17:27:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1112935	.0004106	1.472341	-.023108	.0051694	60.25146	3.443836
Stddev	.0022514	.0023885	.005100	.002385	.0004286	.14319	.011382
%RSD	2.022911	581.7457	.3463584	10.32052	8.290336	.2376557	.3304910

#1	.1086985	-.002337	1.466455	-.020702	.0053557	60.40945	3.456494
#2	.1124554	.001988	1.475142	-.023151	.0046792	60.13024	3.440567
#3	.1127264	.001581	1.475427	-.025471	.0054733	60.21468	3.434446

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074588	.0079895	115.7465	.1328601	.2348286	.1022892	159.6351
Stddev	.0000223	.0001221	.4028	.0005487	.0005992	.0031002	.6432
%RSD	.2993813	1.528368	.3480257	.4129677	.2551473	3.030797	.4028905

#1	.0074846	.0079217	116.1789	.1322266	.2348361	.1049657	159.8026
#2	.0074457	.0081304	115.3818	.1331765	.2342257	.1030097	158.9248
#3	.0074461	.0079163	115.6789	.1331773	.2354239	.0988922	160.1780

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.04022	58.48056	.1219875	-.011620	-.016127	.2669427	1.943330
Stddev	.07861	.26005	.0007111	.000618	.221615	.0046038	.009833
%RSD	.4613352	.4446722	.5829396	5.319448	1374.172	1.724641	.5060031

#1	17.08624	58.76838	.1220292	-.011040	-.213591	.2678903	1.933402
#2	16.94945	58.41080	.1212564	-.012271	.223563	.2709990	1.953065
#3	17.08497	58.26252	.1226768	-.011550	-.058354	.2619389	1.943523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.097922	3.129326	.1456078	.0041621	2.447700	3.683800	.0026945
Stddev	.058443	.009764	.0034788	.0002663	.006798	.054774	.0034644
%RSD	.9584044	.3120188	2.389181	6.398421	.2777321	1.486899	128.5738

#1	6.163271	3.118243	.1420099	.0038557	2.454916	3.713557	-.000986
#2	6.079829	3.136660	.1458597	.0042932	2.441416	3.717254	.005892
#3	6.050665	3.133076	.1489538	.0043374	2.446767	3.620588	.003177

Sample Name: K1767-19 Acquired: 03/08/2019 17:27:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGN9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5226864	.0422022	.1476306
Stddev	.0089679	.0026856	.0008620
%RSD	1.715735	6.363688	.5839204

#1	.5293564	.0430382	.1477665
#2	.5124916	.0391980	.1484167
#3	.5262112	.0443703	.1467087

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2410.617	2643.752	53315.95	4914.701	3745.089
Stddev	7.632	7.710	130.88	31.353	8.560
%RSD	.3166184	.2916221	.2454828	.6379378	.2285762

#1	2417.675	2644.972	53175.30	4881.952	3749.984
#2	2402.517	2650.779	53338.39	4917.711	3750.079
#3	2411.658	2635.505	53434.16	4944.440	3735.205

Sample Name: K1767-17 Acquired: 03/08/2019 17:19:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGN7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1514122	-.003436	17.56791	-.048592	.0071038	74.34726	3.531358
Stddev	.0030717	.002650	.05097	.004715	.0011162	.38735	.006156
%RSD	2.028697	77.12681	.2901485	9.703002	15.71287	.5210036	.1743172

#1	.1549254	-.002427	17.53245	-.052276	.0066365	74.46166	3.535430
#2	.1500778	-.001439	17.54495	-.050220	.0062972	73.91560	3.524276
#3	.1492333	-.006442	17.62632	-.043278	.0083777	74.66453	3.534367

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098868	.0866703	713.5186	.1461929	.2034098	.2581745	245.5088
Stddev	.0000271	.0003993	8.4168	.0012697	.0011232	.0054096	2.2108
%RSD	.2736458	.4607039	1.179613	.8685093	.5521751	2.095334	.9004775

#1	.0099171	.0867890	715.0070	.1448750	.2024477	.2638692	246.5072
#2	.0098652	.0862252	704.4570	.1474081	.2031377	.2531042	242.9749
#3	.0098781	.0869969	721.0919	.1462956	.2046441	.2575500	247.0442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.15340	358.8432	.2488981	-.014136	.5047444	.2556375	6.900721
Stddev	.18884	2.9349	.0003206	.001156	.3415866	.0092406	.036934
%RSD	1.040238	.8178825	.1288234	8.174935	67.67517	3.614713	.5352230

#1	18.21250	360.1491	.2486344	-.013641	.8664660	.2482192	6.942487
#2	17.94208	355.4819	.2488048	-.015456	.4600805	.2527048	6.872362
#3	18.30562	360.8984	.2492550	-.013310	.1876868	.2659886	6.887315

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.93682	6.724897	.2093764	.0036699	12.19279	2.083638	.0073297
Stddev	.13819	.026255	.0049192	.0000737	.03005	.031810	.0004343
%RSD	1.157680	.3904201	2.349466	2.008099	.2464691	1.526633	5.925181

#1	11.90263	6.708919	.2144629	.0037454	12.20708	2.046926	.0071330
#2	11.81894	6.710574	.2046436	.0035981	12.15827	2.100992	.0070285
#3	12.08890	6.755199	.2090226	.0036661	12.21304	2.102998	.0078275

Sample Name: K1767-17 Acquired: 03/08/2019 17:19:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGN7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3011408	.0669715	.2651333
Stddev	.0011437	.0011178	.0008037
%RSD	.3797772	1.668986	.3031283

#1	.3012085	.0682240	.2653083
#2	.3022492	.0660755	.2642566
#3	.2999648	.0666150	.2658352

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2415.916	2602.015	54391.46	5060.219	3314.235
Stddev	9.282	3.069	166.05	40.854	4.853
%RSD	.3841841	.1179329	.3052787	.8073592	.1464149

#1	2410.590	2599.749	54439.08	5073.196	3316.506
#2	2426.634	2605.507	54206.81	5093.008	3317.535
#3	2410.526	2600.788	54528.50	5014.452	3308.663

Sample Name: K1767-21 Acquired: 03/08/2019 17:35:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGP1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0714321	-.001080	.3778992	-.025692	.0056700	67.16862
Stddev	.0048135	.003880	.0056574	.004749	.0007267	.25903
%RSD	6.738598	359.1587	1.497079	18.48456	12.81569	.3856349

#1	.0758543	-.005127	.3743319	-.020256	.0058658	67.44091
#2	.0663050	.002608	.3749433	-.027785	.0062787	67.13966
#3	.0721370	-.000721	.3844223	-.029035	.0048655	66.92529

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.379742	.0075878	.0039485	F 1138.331	.1282624	.1057706
Stddev	.001208	.0001892	.0002830	10.986	.0002726	.0004136
%RSD	.0875457	2.494199	7.167327	.9650973	.2125127	.3910567

#1	1.379408	.0077717	.0038489	1150.669	.1285731	.1058998
#2	1.381081	.0075980	.0037288	1134.716	.1281507	.1053078
#3	1.378736	.0073936	.0042679	1129.608	.1280634	.1061042

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1804595	132.6018	10.14055	652.2671	.1300091	-.011507
Stddev	.0029625	.9373	.09668	5.4439	.0005121	.000682
%RSD	1.641620	.7068373	.9534432	.8346044	.3938956	5.930432

#1	.1825395	133.6835	10.24982	658.5102	.1302811	-.011305
#2	.1817715	132.0921	10.06609	648.5106	.1294184	-.012268
#3	.1770676	132.0298	10.10575	649.7805	.1303278	-.010949

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8725533	.3163458	.5463238	7.072861	3.862255	.1059021
Stddev	.1974899	.0044217	.0180858	.071846	.019512	.0040559
%RSD	22.63357	1.397756	3.310449	1.015798	.5052056	3.829893

#1	.8482089	.3194926	.5274427	7.144284	3.854456	.1019246
#2	.6883641	.3182546	.5634925	7.000600	3.847848	.1057496
#3	1.081087	.3112903	.5480362	7.073700	3.884460	.1100322

Sample Name: K1767-21 Acquired: 03/08/2019 17:35:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGP1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029418	3.114906	1.752619	.0026592	.2713154	.0719168
Stddev	.0003458	.008882	.023539	.0015392	.0062671	.0016856
%RSD	11.75492	.2851393	1.343101	57.88159	2.309884	2.343848
#1	.0026641	3.107663	1.779579	.0030921	.2784164	.0738001
#2	.0033292	3.112239	1.742136	.0009499	.2689720	.0714010
#3	.0028323	3.124815	1.736142	.0039356	.2665576	.0705494

Elem	Sr4077
Units	ppm
Avg	.4628959
Stddev	.0009845
%RSD	.2126740
#1	.4624422
#2	.4640254
#3	.4622200

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2263.150	2404.834	51163.07	4738.665	3115.403
Stddev	23.951	7.064	196.53	60.967	10.252
%RSD	1.058296	.2937318	.3841159	1.286585	.3290748
#1	2288.168	2407.305	51229.58	4685.841	3115.731
#2	2260.848	2410.330	51317.71	4724.776	3125.488
#3	2240.433	2396.866	50941.92	4805.378	3104.991

Sample Name: K1767-20 Acquired: 03/08/2019 17:31:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGP0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0764093	-.003015	.7573251	-.038811	.0056348	69.33566
Stddev	.0019334	.002576	.0066595	.003935	.0007597	.57808
%RSD	2.530323	85.44977	.8793496	10.13789	13.48159	.8337400

#1	.0742383	-.004170	.7547814	-.036292	.0050002	69.17964
#2	.0770442	-.000063	.7523123	-.043345	.0064765	68.85160
#3	.0779454	-.004811	.7648816	-.036795	.0054275	69.97573

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.63822	.0063263	.0201223	F 1303.236	.0805199	.1358510
Stddev	.08299	.0001788	.0000891	16.865	.0002984	.0012524
%RSD	.6084972	2.825851	.4428632	1.294099	.3706150	.9218960

#1	13.67830	.0061215	.0201059	1292.836	.0806195	.1349435
#2	13.54280	.0064065	.0202185	1294.177	.0807557	.1353295
#3	13.69356	.0064509	.0200425	1322.695	.0801844	.1372798

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3950025	181.5937	26.53267	766.3137	.1709890	-.013639
Stddev	.0028116	2.0798	.38919	8.3185	.0012426	.000236
%RSD	.7117858	1.145285	1.466832	1.085516	.7266816	1.733444

#1	.3974460	180.4926	26.26985	761.4035	.1713120	-.013733
#2	.3956319	180.2960	26.34839	761.6193	.1696168	-.013370
#3	.3919296	183.9925	26.97978	775.9182	.1720381	-.013814

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.116365	.2969298	6.108544	8.332967	3.999727	.1498544
Stddev	.250574	.0003770	.111401	.073693	.022778	.0026423
%RSD	11.83981	.1269620	1.823685	.8843609	.5694790	1.763220

#1	1.991495	.2973510	6.232515	8.264240	3.996370	.1522126
#2	1.952763	.2966239	6.076283	8.323876	3.978813	.1469988
#3	2.404838	.2968144	6.016835	8.410784	4.023996	.1503518

Sample Name: K1767-20 Acquired: 03/08/2019 17:31:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGP0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101249	25.14811	2.389902	.0028757	.5847531	.0865213
Stddev	.0003994	.12250	.021816	.0015175	.0061791	.0015279
%RSD	3.944467	.4870994	.9128431	52.77068	1.056697	1.765964

#1	.0103421	25.16767	2.365129	.0014407	.5838063	.0881809
#2	.0096640	25.01700	2.406246	.0027222	.5791021	.0862099
#3	.0103687	25.25964	2.398331	.0044641	.5913510	.0851730

Elem	Sr4077
Units	ppm
Avg	.5837949
Stddev	.0033219
%RSD	.5690147

#1	.5873046
#2	.5806997
#3	.5833806

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.851	2365.443	50215.64	4662.269	3069.303
Stddev	15.036	9.738	113.87	52.000	12.262
%RSD	.6782668	.4116919	.2267594	1.115338	.3994956

#1	2200.662	2375.335	50084.21	4710.450	3076.115
#2	2219.510	2365.129	50284.38	4669.208	3076.645
#3	2230.380	2355.866	50278.35	4607.147	3055.147

Sample Name: K1767-23 Acquired: 03/08/2019 17:51:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8265832	-.000003	.3902340	.1560967	.3924685	17.81294	.0573463
Stddev	.0085687	.001404	.0040276	.0043842	.0024138	.08673	.0004570
%RSD	1.036640	42498.62	1.032093	2.808632	.6150381	.4869141	.7968633

#1	.8182492	-.001471	.3869654	.1534256	.3923656	17.88557	.0568247
#2	.8261316	.000133	.3890031	.1611565	.3901077	17.83633	.0575382
#3	.8353687	.001328	.3947333	.1537080	.3949321	17.71690	.0576761

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2566747	.1854953	9.926139	.0325317	.3407809	.3012141	42.39615
Stddev	.0016701	.0006607	.095558	.0002899	.0003304	.0069942	.57131
%RSD	.6506848	.3562065	.9626938	.8911204	.0969626	2.321994	1.347547

#1	.2559286	.1849045	9.968883	.0322725	.3404121	.3020940	42.99986
#2	.2555076	.1853725	9.992864	.0324779	.3408806	.3077266	42.32460
#3	.2585878	.1862088	9.816670	.0328448	.3410500	.2938216	41.86398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3985137	70.94765	.3727306	.0891272	46.44002	1.382311	.0468355
Stddev	.0043411	.62438	.0020344	.0002142	.36488	.013631	.0051285
%RSD	1.089326	.8800601	.5458188	.2403405	.7857108	.9861199	10.95013

#1	.4024807	71.18735	.3713967	.0893523	46.73824	1.396667	.0520175
#2	.3991839	71.41667	.3717230	.0891034	46.54867	1.369543	.0467269
#3	.3938764	70.23894	.3750722	.0889259	46.03315	1.380724	.0417621

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.455605	.1282109	.0921463	.0035455	.6636159	1.516578	.0021201
Stddev	.047234	.0022804	.0013533	.0003958	.0038334	.030494	.0004016
%RSD	1.923510	1.778600	1.468657	11.16313	.5776515	2.010721	18.94133

#1	2.407369	.1263004	.0912257	.0032056	.6597004	1.526877	.0016841
#2	2.501768	.1307354	.0937002	.0034508	.6673615	1.482268	.0024749
#3	2.457678	.1275970	.0915131	.0039800	.6637859	1.540589	.0022013

Sample Name: K1767-23 Acquired: 03/08/2019 17:51:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: MGAGP3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5444459	.0067181	.0217354
Stddev	.0042793	.0030112	.0002376
%RSD	.7859880	44.82122	1.092980

#1	.5493728	.0043999	.0219194
#2	.5423079	.0101214	.0218195
#3	.5416568	.0056331	.0214672

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2319.609	2564.826	50944.64	4640.793	3859.591
Stddev	9.289	4.269	127.33	14.611	13.603
%RSD	.4004687	.1664358	.2499405	.3148305	.3524472

#1	2318.923	2569.380	50947.62	4648.380	3872.023
#2	2310.681	2564.184	50815.84	4650.050	3861.689
#3	2329.222	2560.915	51070.45	4623.950	3845.061

Sample Name: K1767-22 Acquired: 03/08/2019 17:39:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0809015	-.000652	2.923443	-.034759	.0048150	63.97870
Stddev	.0012327	.000919	.008632	.003433	.0012789	.33549
%RSD	1.523734	140.9743	.2952809	9.875690	26.56065	.5243792

#1	.0801481	.000043	2.921803	-.034760	.0062702	64.24724
#2	.0823241	-.000305	2.915749	-.031326	.0038701	63.60263
#3	.0802323	-.001694	2.932778	-.038192	.0043045	64.08624

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.83864	.0085174	.0416202	F 819.5776	.1690609	.1936835
Stddev	.01945	.0000776	.0002054	7.6758	.0004577	.0005766
%RSD	.1310437	.9110783	.4934550	.9365547	.2707613	.2977232

#1	14.85953	.0084811	.0415857	823.3016	.1685590	.1930803
#2	14.82106	.0084645	.0414342	810.7503	.1691680	.1937410
#3	14.83535	.0086065	.0418406	824.6810	.1694555	.1942293

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2699218	179.5306	13.02334	469.9050	.1633210	-.015149
Stddev	.0008930	1.7645	.13291	3.9732	.0012670	.000204
%RSD	.3308449	.9828632	1.020530	.8455230	.7757564	1.345730

#1	.2695927	181.2836	13.13466	473.6760	.1622299	-.015218
#2	.2709326	177.7547	12.87619	465.7566	.1630225	-.015309
#3	.2692400	179.5534	13.05918	470.2824	.1647106	-.014919

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.093365	.3887532	8.942921	5.052915	3.613264	.1475510
Stddev	.069182	.0039746	.224640	.083193	.013100	.0079485
%RSD	6.327467	1.022386	2.511932	1.646439	.3625464	5.386931

#1	1.020927	.3933047	9.111877	5.061463	3.604772	.1542563
#2	1.158751	.3859679	9.028894	4.965778	3.606669	.1496257
#3	1.100416	.3869868	8.687992	5.131504	3.628350	.1387709

Sample Name: K1767-22 Acquired: 03/08/2019 17:39:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: MGAGP2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089301	21.33974	2.306454	.0069446	.3742627	.0610117
Stddev	.0003840	.05597	.043738	.0010974	.0031526	.0010168
%RSD	4.299903	.2622877	1.896323	15.80219	.8423494	1.666487
#1	.0092514	21.34604	2.299398	.0060750	.3776778	.0599235
#2	.0085048	21.28089	2.266673	.0065812	.3714635	.0611741
#3	.0090340	21.39230	2.353291	.0081776	.3736468	.0619375

Elem	Sr4077
Units	ppm
Avg	.4442888
Stddev	.0017341
%RSD	.3903117
#1	.4443249
#2	.4425369
#3	.4460046

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2323.494	2476.212	52243.39	4837.030	3262.644
Stddev	14.770	9.061	263.60	76.865	13.974
%RSD	.6356743	.3659055	.5045562	1.589085	.4283000
#1	2319.575	2479.179	52517.19	4859.824	3266.392
#2	2311.079	2483.417	51991.35	4899.920	3274.362
#3	2339.828	2466.039	52221.62	4751.347	3247.178

Sample Name: CCV052 Acquired: 03/08/2019 17:55:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.710133	4.691643	23.69450	4.609415	4.717943	401.7216	9.675672
Stddev	.012842	.005316	.07455	.017339	.004591	.5669	.024890
%RSD	.2726508	.1133054	.3146429	.3761750	.0973072	.1411266	.2572424

#1	4.704204	4.685564	23.67203	4.599470	4.716410	401.8323	9.676086
#2	4.701325	4.693941	23.63376	4.599339	4.714315	401.1075	9.650577
#3	4.724868	4.695423	23.77770	4.629437	4.723105	402.2250	9.700352

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4853905	2.393097	404.6103	14.76589	2.456290	14.69297	412.8281
Stddev	.0021857	.006593	.3397	.00964	.007986	.04960	1.2122
%RSD	.4503053	.2755161	.0839591	.0652872	.3251433	.3375806	.2936337

#1	.4873423	2.390686	404.9945	14.76884	2.455481	14.64809	413.5220
#2	.4858004	2.388049	404.4867	14.77372	2.448738	14.68461	413.5339
#3	.4830289	2.400557	404.3497	14.75512	2.464649	14.74622	411.4284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.58263	403.0245	2.373199	1.245381	398.7495	2.406226	15.35487
Stddev	.04317	.5531	.007981	.003479	1.8594	.008799	.15807
%RSD	.2960315	.1372405	.3363144	.2793457	.4663084	.3656937	1.029413

#1	14.63207	402.6228	2.370082	1.249329	398.8451	2.416319	15.18049
#2	14.56337	403.6554	2.367247	1.244046	396.8441	2.402192	15.39540
#3	14.55244	402.7954	2.382269	1.242767	400.5592	2.400167	15.48873

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	147.6488	5.182967	5.146313	4.809659	4.924595	4.876138	4.787957
Stddev	.0358	.009692	.014339	.017810	.022839	.023102	.010888
%RSD	.0242525	.1869942	.2786227	.3703038	.4637697	.4737685	.2274019

#1	147.6075	5.182511	5.162618	4.804079	4.927197	4.899404	4.780047
#2	147.6699	5.173512	5.140652	4.795307	4.900566	4.875805	4.783449
#3	147.6691	5.192879	5.135668	4.829592	4.946021	4.853205	4.800375

Sample Name: CCV052 Acquired: 03/08/2019 17:55:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCV052 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.866321	4.915782	4.930881
Stddev	.015747	.027565	.012171
%RSD	.3235969	.5607476	.2468244

#1	4.848308	4.903922	4.922013
#2	4.873174	4.896132	4.925875
#3	4.877480	4.947292	4.944757

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2055.317	2170.521	47165.56	4380.023	3188.628
Stddev	4.860	2.813	175.40	21.979	3.619
%RSD	.2364418	.1296005	.3718768	.5018109	.1134995

#1	2057.831	2172.147	47018.33	4355.064	3190.493
#2	2058.405	2172.142	47359.62	4396.488	3190.934
#3	2049.715	2167.272	47118.73	4388.515	3184.457

Sample Name: CCB052 Acquired: 03/08/2019 17:59:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
User: BIN H Custom ID1: CCB052 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000077	.0014097	.0007150	.0002429	.0000023	.0026301	-.001278
Stddev	.002462	.0017748	.0002179	.0004329	.0018057	.0119017	.000852
%RSD	3209.511	125.9016	30.47535	178.2130	76966.44	452.5115	66.70635

#1	-.000557	.0033170	.0006790	-.000177	.0013907	-.008523	-.001856
#2	.002590	.0011052	.0009486	.000688	.0006554	.001252	-.001679
#3	-.002262	-.000193	.0005173	.000218	-.002039	.015161	-.000299

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000017	.0000059	.0214988	-.000046	.0000111	.0001831	.0331230
Stddev	.000037	.0000880	.0148240	.000548	.0001382	.0036908	.0013003
%RSD	213.5765	1478.916	68.95255	1199.311	1250.084	2015.794	3.925726

#1	.000019	-.000037	.0182923	-.000644	-.000147	.0043418	.0334487
#2	-.000054	-.000052	.0376637	.000432	.000070	-.002703	.0342296
#3	-.000016	.000107	.0085405	.000075	.000110	-.001090	.0316908

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003871	-.012045	.0000493	.0005925	.0407507	.0026507	.0052589
Stddev	.0013614	.035005	.0001794	.0003082	.2672192	.0048828	.0036352
%RSD	351.6926	290.6096	364.0233	52.01002	655.7419	184.2069	69.12407

#1	-.000938	-.015636	-.000002	.0008296	.2746090	.0075961	.0011087
#2	.000318	.024617	.000249	.0002442	.0981454	-.002167	.0067897
#3	.001782	-.045117	-.000099	.0007038	-.250502	.002523	.0078784

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0871604	-.003775	.0032861	-.000032	-.000976	.0020523	-.000572
Stddev	.0161222	.001798	.0004457	.000245	.004369	.0009270	.000377
%RSD	18.49713	47.61675	13.56191	755.4246	447.6996	45.16780	66.02379

#1	.0700828	-.005685	.0037242	.000225	-.000505	.0030389	-.000669
#2	.0892811	-.003524	.0033008	-.000060	-.005561	.0011995	-.000155
#3	.1021172	-.002117	.0028332	-.000263	.003139	.0019184	-.000891

Sample Name: CCB052 Acquired: 03/08/2019 17:59:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v813) Mode: CONC Corr. Factor: 1.000000
 User: BIN H Custom ID1: CCB052 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0037050	.0054097	-.000024
Stddev	.0021211	.0008529	.000061
%RSD	57.24854	15.76658	250.6621

#1	.0035056	.0061202	-.000093
#2	.0016907	.0056452	.000021
#3	.0059188	.0044638	-.000000

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2268.371	2519.672	49385.77	4483.997	3933.479
Stddev	11.209	8.094	293.98	13.736	8.109
%RSD	.4941571	.3212279	.5952788	.3063274	.2061655

#1	2260.327	2518.853	49144.38	4499.810	3933.714
#2	2281.175	2528.145	49713.16	4477.150	3941.468
#3	2263.612	2512.019	49299.76	4475.030	3925.255