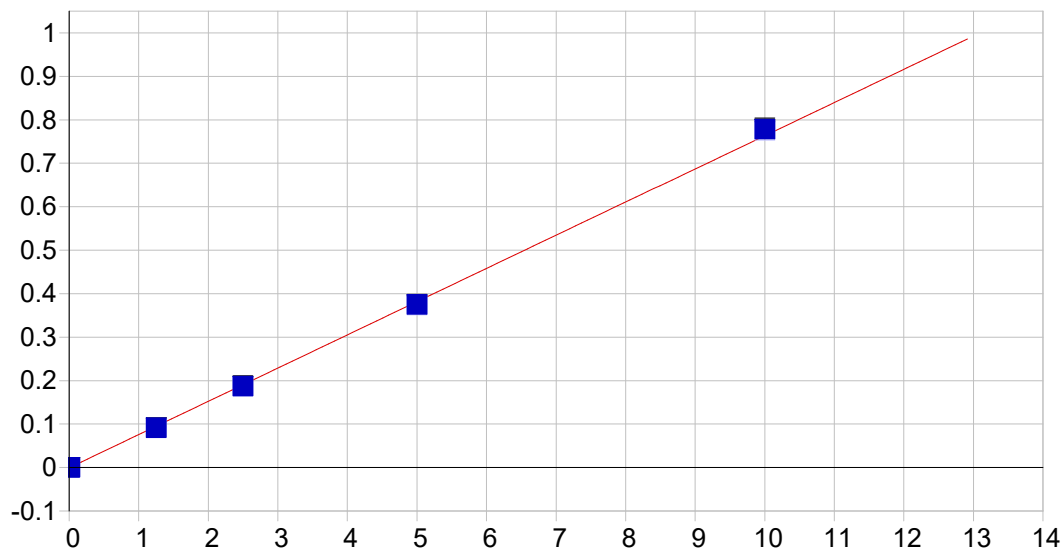


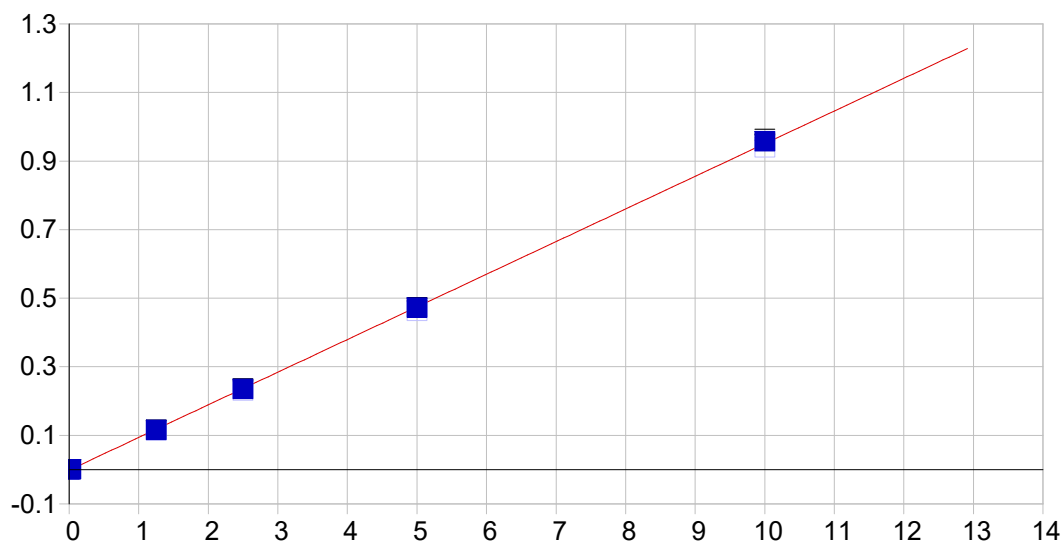


As 189.042 {479}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000345	Re-Slope:	1.000000
A1 (Gain):	0.076380	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999778	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.002621		
Predicted MQL:	0.008737		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.01000	.01015	.000	1.49	.00043	.000	1
S2	1.2500	1.1992	-.051	-4.06	.09091	.001	1
S3	2.5000	2.4528	-.047	-1.89	.18632	.001	1
S4	5.0000	4.9077	-.092	-1.85	.37314	.001	1
S5	10.000	10.190	.190	1.90	.77525	.003	1

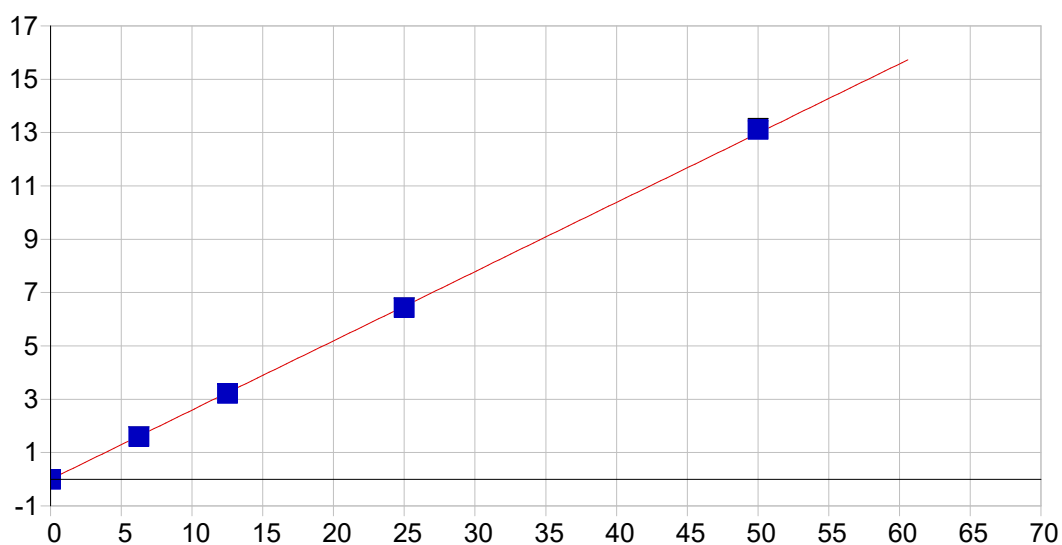


TI 190.856 {477}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001354 Re-Slope: 1.000000
 A1 (Gain): 0.095205 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.002388
 Predicted MQL: 0.007960

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00135	.000	1
S1	.02500	.02540	.000	1.62	.00097	.000	1
S2	1.2500	1.2276	-.022	-1.79	.11333	.000	1
S3	2.5000	2.4827	-.017	-.691	.23063	.001	1
S4	5.0000	4.9703	-.030	-.594	.46307	.002	1
S5	10.000	10.069	.069	.690	.93971	.007	1

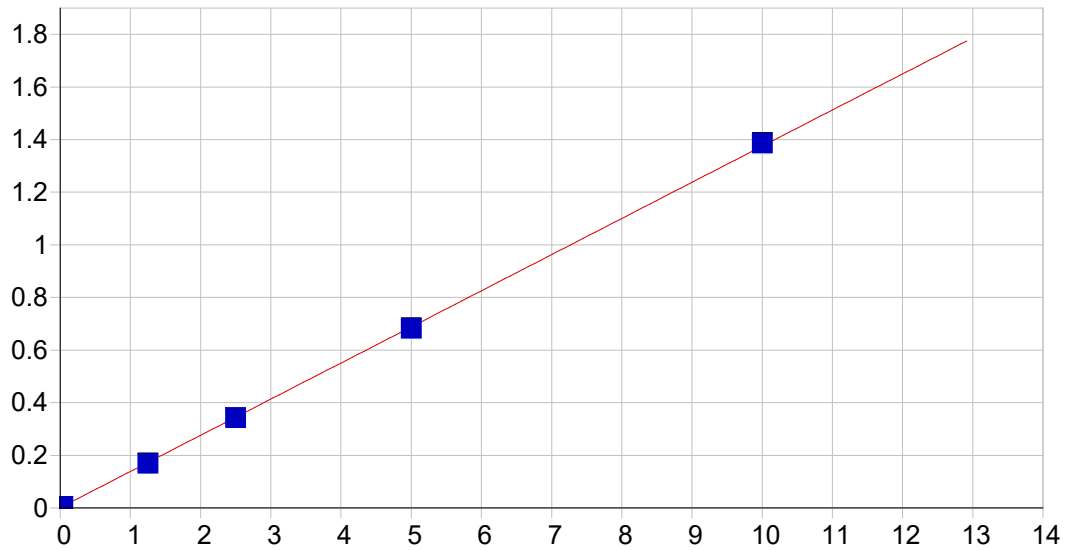


Pb 220.353 {453}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000963 Re-Slope: 1.000000
 A1 (Gain): 0.259567 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999939 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.001968
 Predicted MQL: 0.006561

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00096	.000	1
S1	.01000	.00985	-.000	-1.46	.00159	.000	1
S2	6.2500	6.1293	-.121	-1.93	1.5903	.003	1
S3	12.500	12.365	-.135	-1.08	3.2092	.004	1
S4	25.000	24.748	-.252	-1.01	6.4240	.009	1
S5	50.000	50.508	.508	1.02	13.112	.044	1

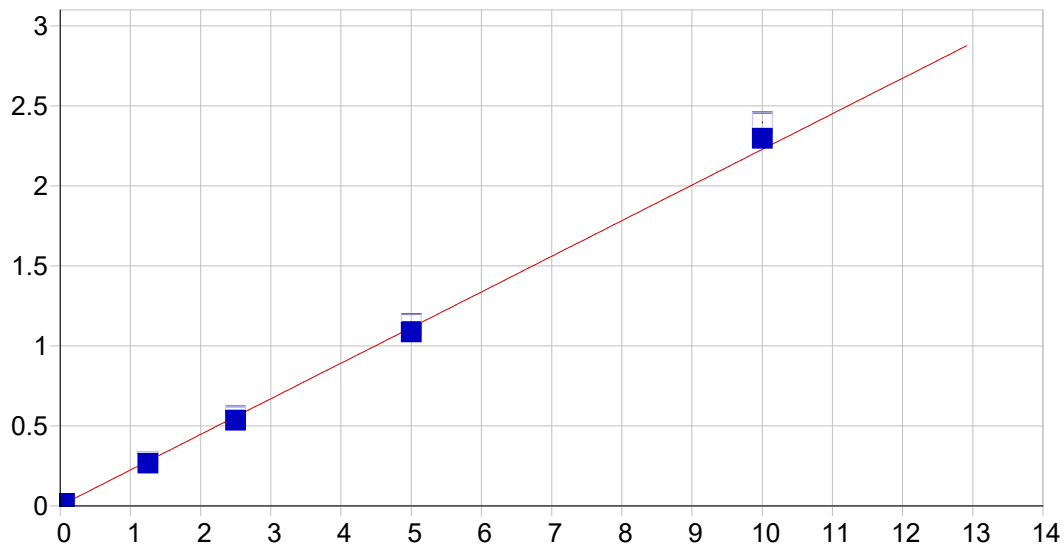


Se 196.090 {472}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001182 Re-Slope: 1.000000
 A1 (Gain): 0.137381 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.001963
 Predicted MQL: 0.006542

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00118	.000	1
S1	.03500	.03671	.002	4.89	.00622	.000	1
S2	1.2500	1.2246	-.025	-2.03	.16896	.001	1
S3	2.5000	2.4842	-.016	-.634	.34155	.001	1
S4	5.0000	4.9584	-.042	-.832	.68057	.002	1
S5	10.000	10.081	.081	.811	1.3825	.003	1

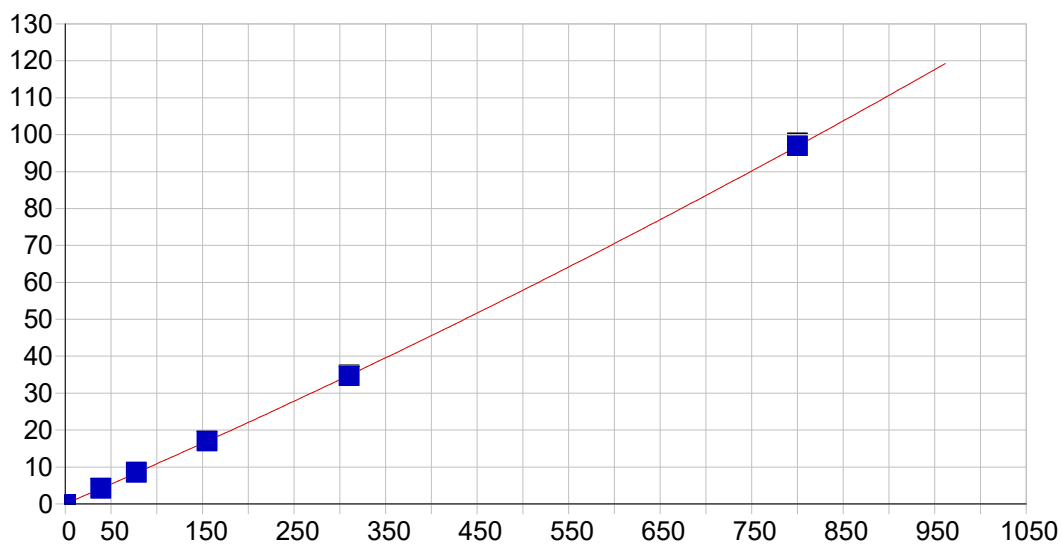


Sb 206.833 {463}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001576 Re-Slope: 1.000000
 A1 (Gain): 0.222636 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999504 Status: OK.
 Std Error of Est: 0.000302
 Predicted MDL: 0.001555
 Predicted MQL: 0.005183

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00158	.000	1
S1	.06000	.06090	.001	1.49	.01514	.000	1
S2	1.2500	1.1839	-.066	-5.29	.27797	.001	1
S3	2.5000	2.3955	-.104	-4.18	.56053	.002	1
S4	5.0000	4.8682	-.132	-2.64	1.1367	.002	1
S5	10.000	10.302	.302	3.02	2.3976	.003	1



AI 396.152 { 85}

Date of Fit: 07/25/2019 15:35:18

Type of Fit:

Curvilinear

Weighting:

1/Conc

A0 (Offset): 0.009967

Re-Slope: 1.000000

A1 (Gain): 0.106745

Y-int: 0.000000

A2 (Curvature): 0.000018

n (Exponent): 1.000000

Correlation: 0.999992

Status:

Warning

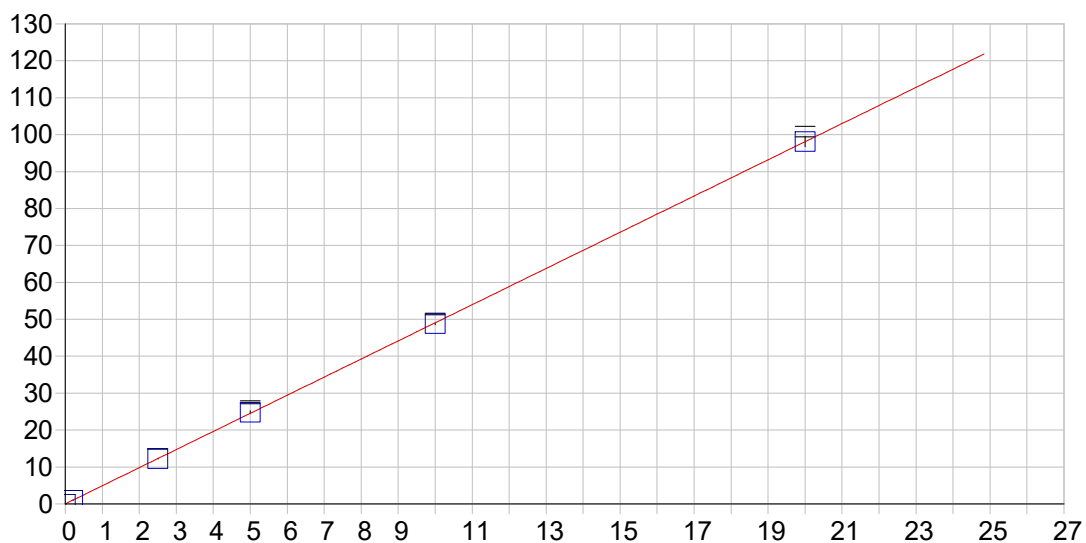
Positive Curvature

Std Error of Est: 0.000333

Predicted MDL: 0.010858

Predicted MQL: 0.036195

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00997	.000	1
S1	.20000	.20107	.001	.533	.03180	.001	1
S2	38.750	39.007	.257	.664	4.2094	.010	1
S3	77.500	78.612	1.11	1.43	8.5290	.083	1
S4	155.00	154.63	-.373	-.241	16.978	.044	1
S5	310.00	308.58	-1.42	-.459	34.726	.164	1
S6	800.00	800.44	.442	.055	97.022	.711	1

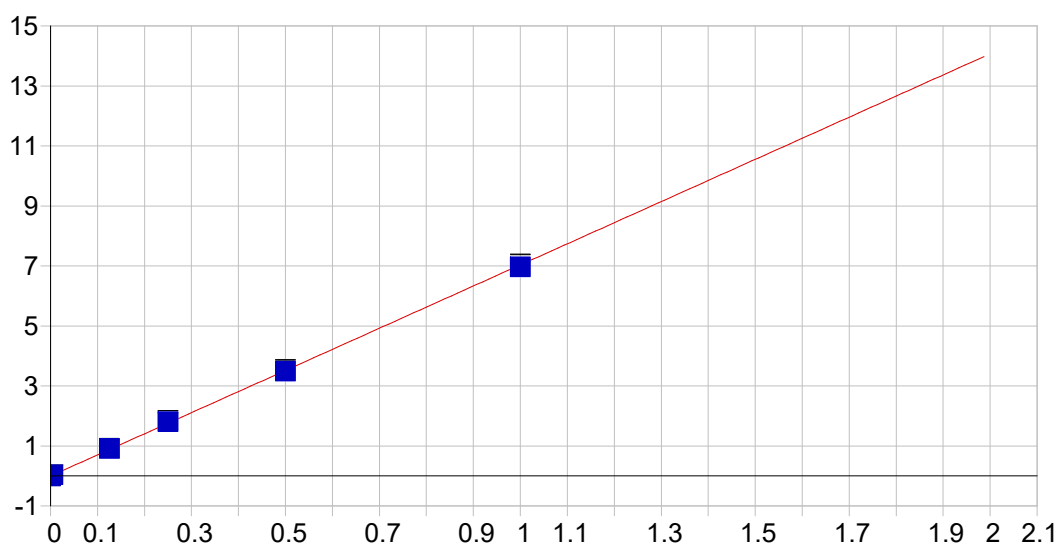


Ba 493.409 { 68}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007877 Re-Slope: 1.000000
 A1 (Gain): 4.904796 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.003284
 Predicted MDL: 0.000525
 Predicted MQL: 0.001751

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00783	.001	1
S1	.20000	.20866	.009	4.33	1.0313	.006	1
S2	2.5000	2.4883	-.012	-.468	12.212	.015	1
S3	5.0000	5.0587	.059	1.17	24.820	.370	1
S4	10.000	9.9387	-.061	-.613	48.755	.222	1
S5	20.000	20.006	.006	.028	98.131	1.44	1

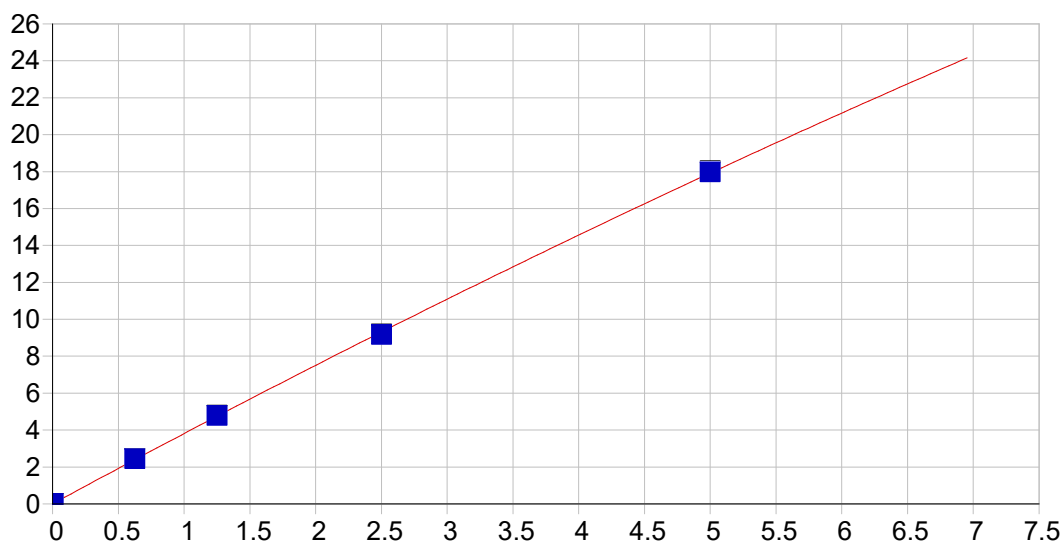


Be 234.861 {144}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.003085	Re-Slope:	1.000000
A1 (Gain):	7.036095	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999855	Status:	OK.
Std Error of Est:	0.000449		
Predicted MDL:	0.000070		
Predicted MQL:	0.000232		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00309	.000	1
S1	.00500	.00542	.000	8.32	.03500	.000	1
S2	.12500	.12945	.004	3.56	.90484	.009	1
S3	.25000	.25775	.008	3.10	1.8046	.034	1
S4	.50000	.49680	-.003	-.639	3.4808	.048	1
S5	1.0000	.99058	-.009	-.942	6.9434	.101	1

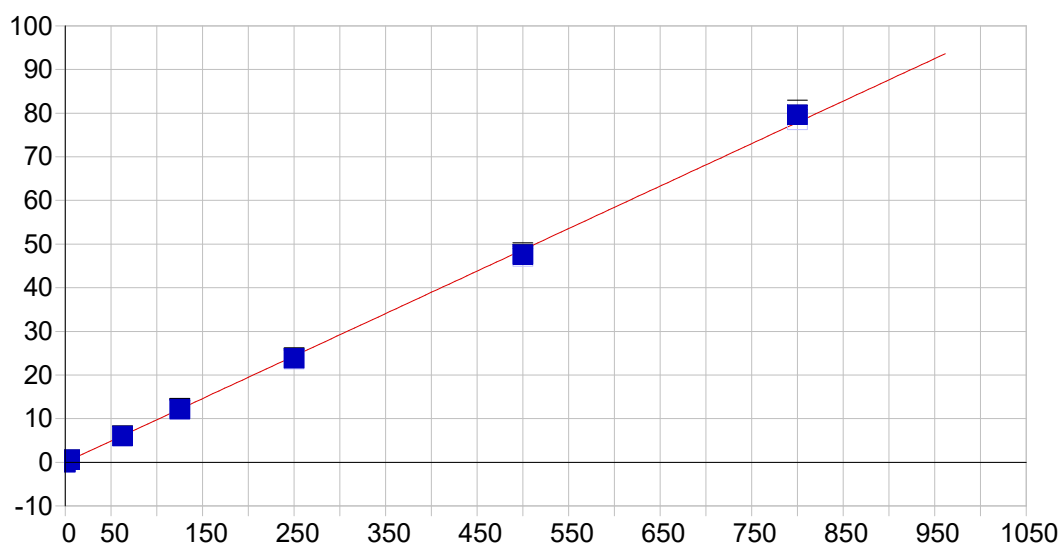


Cd 214.438 {457}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.002282 Re-Slope: 1.000000
 A1 (Gain): 3.864125 Y-int: 0.000000
 A2 (Curvature): -0.056061
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000381
 Predicted MDL: 0.000093
 Predicted MQL: 0.000311

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00228	.000	1
S1	.00500	.00555	.001	10.9	.02372	.000	1
S2	.62500	.63735	.012	1.98	2.4460	.000	1
S3	1.2500	1.2604	.010	.832	4.7910	.011	1
S4	2.5000	2.4598	-.040	-1.61	9.1828	.019	1
S5	5.0000	5.0171	.017	.343	18.008	.039	1

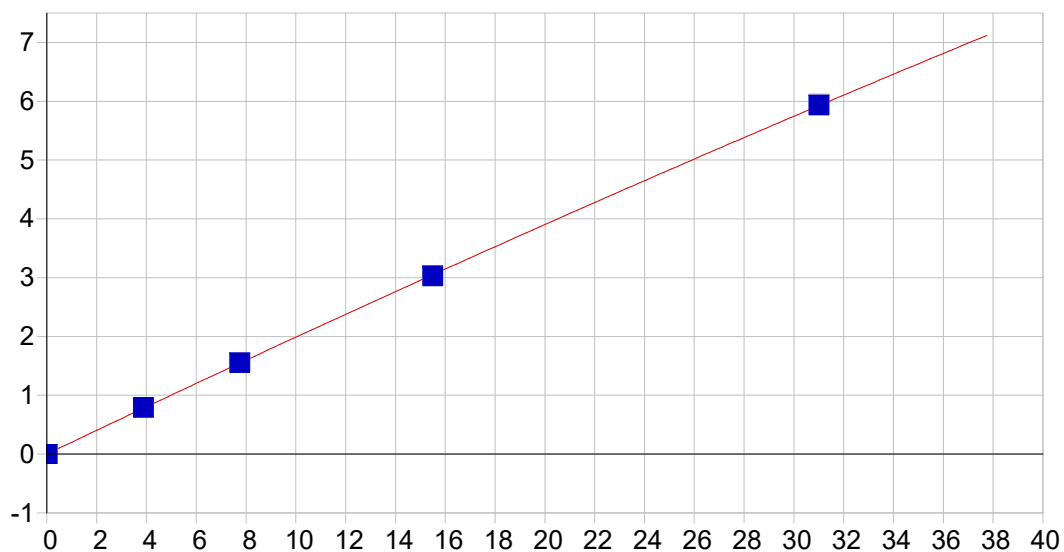


Ca 373.690 { 90}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000134 Re-Slope: 1.000000
 A1 (Gain): 0.097370 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999757 Status: OK.
 Std Error of Est: 0.007411
 Predicted MDL: 0.011664
 Predicted MQL: 0.038881

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00019	-.000	.000	.00012	.001	1
S1	5.0000	5.3795	.380	7.59	.52379	.005	1
S2	62.500	61.687	-.813	-1.30	5.9521	.018	1
S3	125.00	124.85	-.152	-.121	12.048	.211	1
S4	250.00	244.29	-5.71	-2.29	23.568	.177	1
S5	500.00	488.57	-11.4	-2.29	47.137	.451	1
S6	800.00	817.83	17.8	2.23	78.471	1.07	1

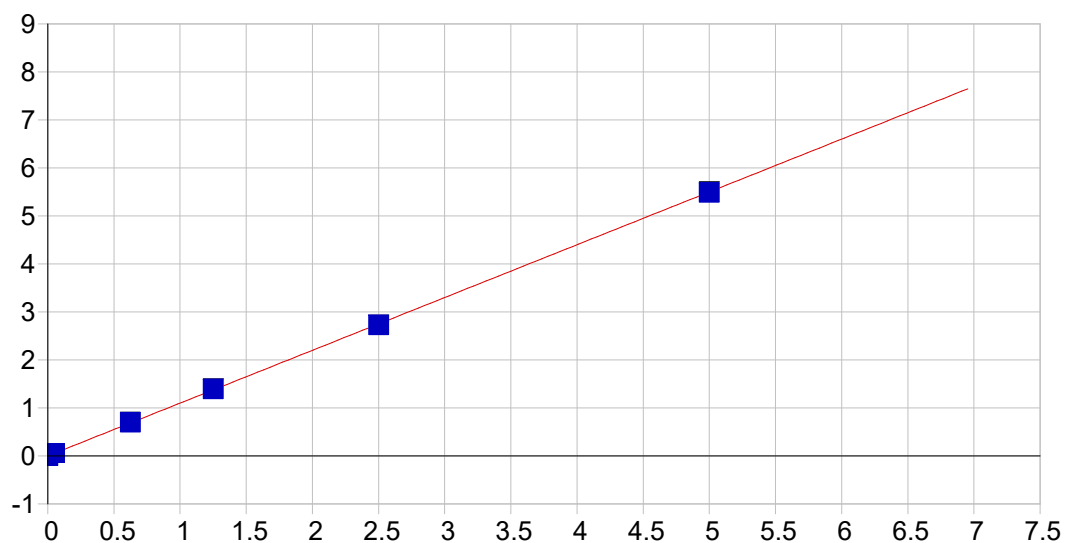


Cr 267.716 {126}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset):	-0.000059	Re-Slope:	1.000000
A1 (Gain):	0.202632	Y-int:	0.000000
A2 (Curvature):	-0.000371		
n (Exponent):	1.000000		
Correlation:	0.999982	Status:	OK.
Std Error of Est:	0.000040		
Predicted MDL:	0.000563		
Predicted MQL:	0.001878		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.01000	.01140	.001	14.0	.00225	.000	1
S2	3.8750	3.9229	.048	1.24	.79012	.003	1
S3	7.7500	7.7776	.028	.356	1.5555	.002	1
S4	15.500	15.367	-.133	-.859	3.0301	.008	1
S5	31.000	31.057	.057	.183	5.9432	.008	1

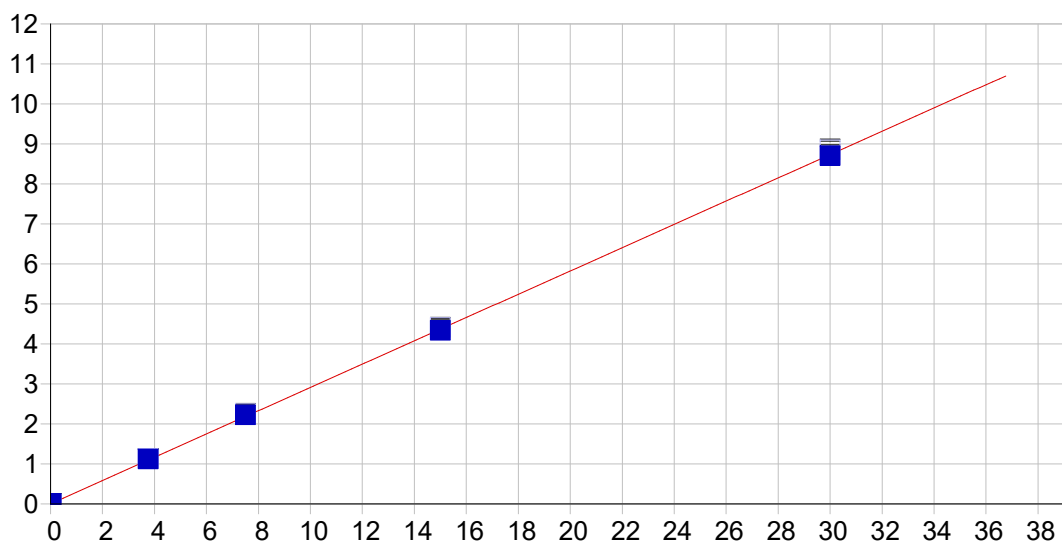


Co 228.616 {448}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000305	Re-Slope:	1.000000
A1 (Gain):	1.099948	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.000272		
Predicted MDL:	0.000319		
Predicted MQL:	0.001064		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00031	.000	1
S1	.05000	.05377	.004	7.55	.05904	.000	1
S2	.62500	.63422	.009	1.48	.69840	.001	1
S3	1.2500	1.2671	.017	1.37	1.3957	.003	1
S4	2.5000	2.4816	-.018	-.734	2.7337	.004	1
S5	5.0000	4.9882	-.012	-.235	5.4952	.012	1

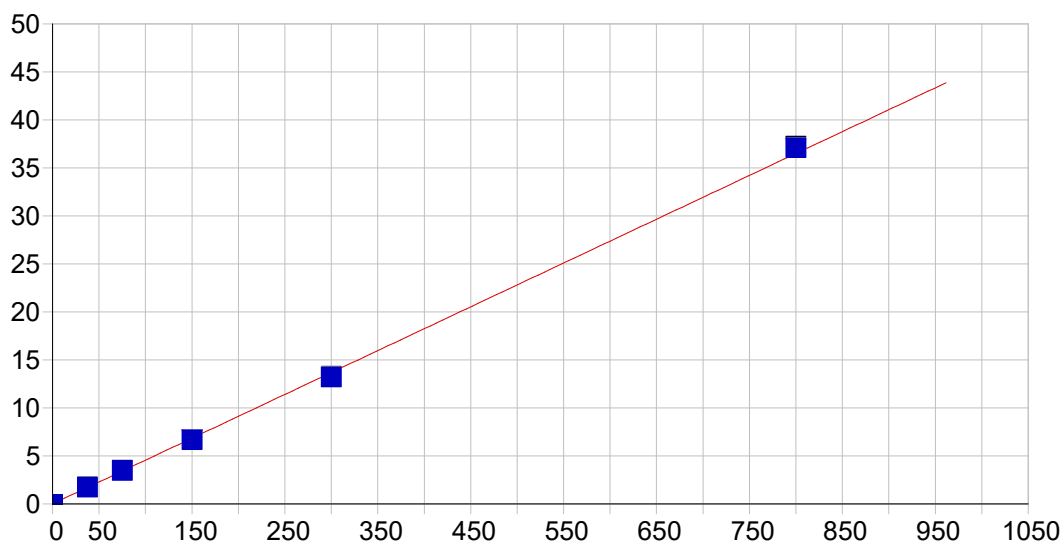


Cu 324.754 {104}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003011 Re-Slope: 1.000000
 A1 (Gain): 0.291021 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999958 Status: OK.
 Std Error of Est: 0.000125
 Predicted MDL: 0.002588
 Predicted MQL: 0.008626

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00301	.001	1
S1	.02500	.02372	-.001	-5.13	.01137	.001	1
S2	3.7500	3.8338	.084	2.23	1.1362	.003	1
S3	7.5000	7.6193	.119	1.59	2.2554	.008	1
S4	15.000	14.891	-.109	-.727	4.4066	.012	1
S5	30.000	29.908	-.092	-.308	8.8468	.023	1

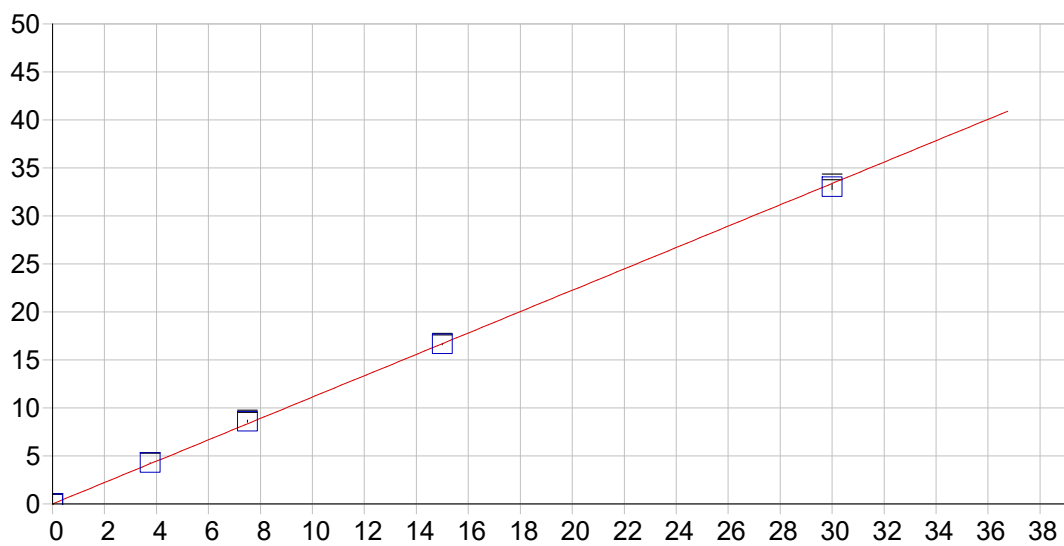


Fe 259.837 {130}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000224 Re-Slope: 1.000000
 A1 (Gain): 0.045622 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999734 Status: OK.
 Std Error of Est: 0.000460
 Predicted MDL: 0.008670
 Predicted MQL: 0.028900

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00022	.000	1
S1	.10000	.10796	.008	7.96	.00534	.000	1
S2	37.500	38.040	.540	1.44	1.7392	.004	1
S3	75.000	75.898	.898	1.20	3.4699	.046	1
S4	150.00	146.24	-3.76	-2.51	6.6862	.023	1
S5	300.00	289.12	-10.9	-3.63	13.219	.092	1
S6	800.00	813.21	13.2	1.65	37.146	.119	1

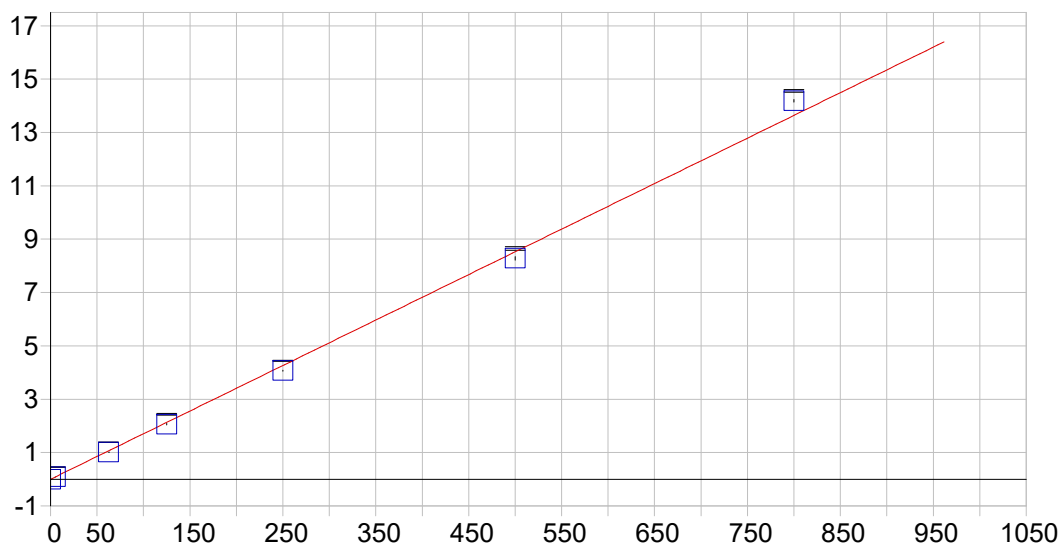


Mn 257.610 {131}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001180	Re-Slope:	1.000000
A1 (Gain):	1.112676	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999873	Status:	OK.
Std Error of Est:	0.000631		
Predicted MDL:	0.000379		
Predicted MQL:	0.001262		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00118	.000	1
S1	.01500	.01659	.002	10.6	.01964	.001	1
S2	3.7500	3.8534	.103	2.76	4.2888	.016	1
S3	7.5000	7.7418	.242	3.22	8.6153	.125	1
S4	15.000	14.974	-.026	-.173	16.662	.087	1
S5	30.000	29.679	-.321	-1.07	33.024	.293	1

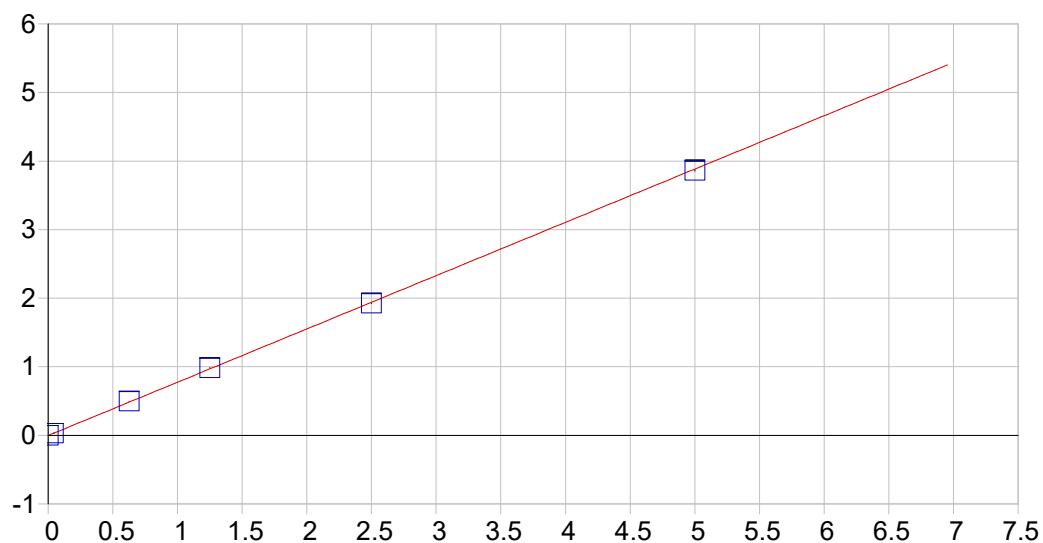


Mg 279.079 {121}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000286 Re-Slope: 1.000000
 A1 (Gain): 0.017052 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999297 Status: OK.
 Std Error of Est: 0.002233
 Predicted MDL: 0.025888
 Predicted MQL: 0.086293

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00046	.000	.000	-.00028	.000	1
S1	5.0000	5.0989	.099	1.98	.08666	.001	1
S2	62.500	59.459	-3.04	-4.87	1.0136	.003	1
S3	125.00	121.11	-3.89	-3.11	2.0649	.030	1
S4	250.00	238.90	-11.1	-4.44	4.0734	.017	1
S5	500.00	485.84	-14.2	-2.83	8.2842	.067	1
S6	800.00	832.09	32.1	4.01	14.188	.049	1

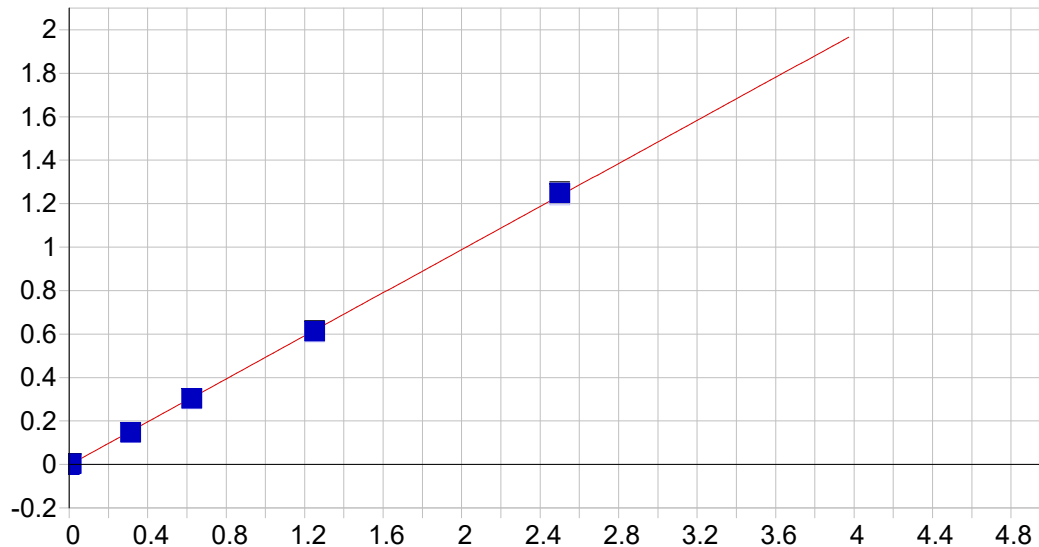


Ni 231.604 {446}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002560 Re-Slope: 1.000000
A1 (Gain): 0.777178 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999910 Status: OK.
Std Error of Est: 0.000247
Predicted MDL: 0.000521
Predicted MQL: 0.001737

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00257	.000	1
S1	.04000	.04510	.005	12.8	.03249	.000	1
S2	.62500	.64226	.017	2.76	.49659	.001	1
S3	1.2500	1.2700	.020	1.60	.98444	.002	1
S4	2.5000	2.4840	-.016	-.640	1.9279	.004	1
S5	5.0000	4.9737	-.026	-.527	3.8629	.009	1

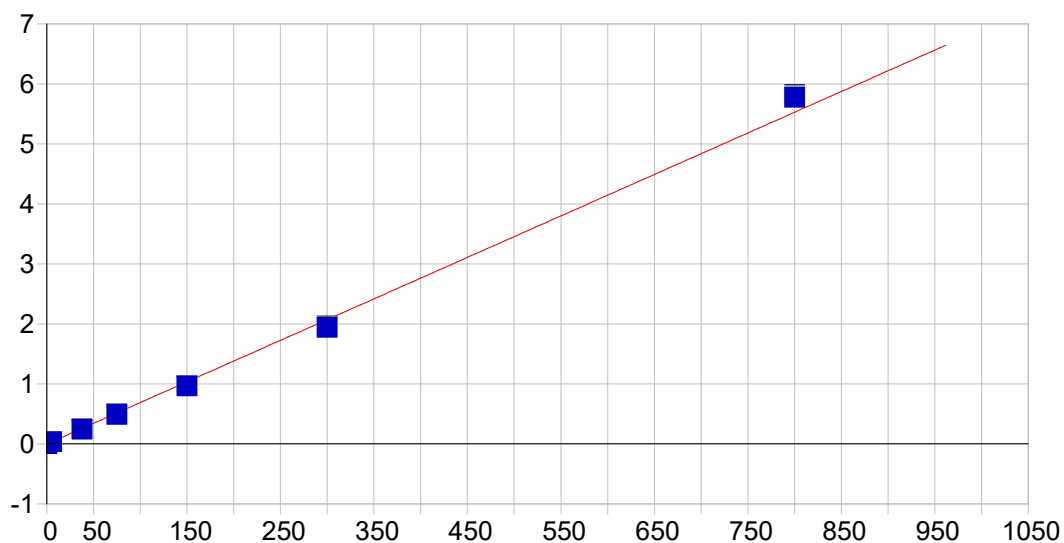


Ag 328.068 {103}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002623	Re-Slope:	1.000000
A1 (Gain):	0.495558	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999912	Status:	OK.
Std Error of Est:	0.000055		
Predicted MDL:	0.000452		
Predicted MQL:	0.001508		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00262	.000	1
S1	.01000	.01031	.000	3.14	.00245	.000	1
S2	.31250	.30186	-.011	-3.40	.14564	.001	1
S3	.62500	.61659	-.008	-1.35	.30028	.001	1
S4	1.2500	1.2424	-.008	-.612	.60773	.003	1
S5	2.5000	2.5264	.026	1.06	1.2387	.006	1

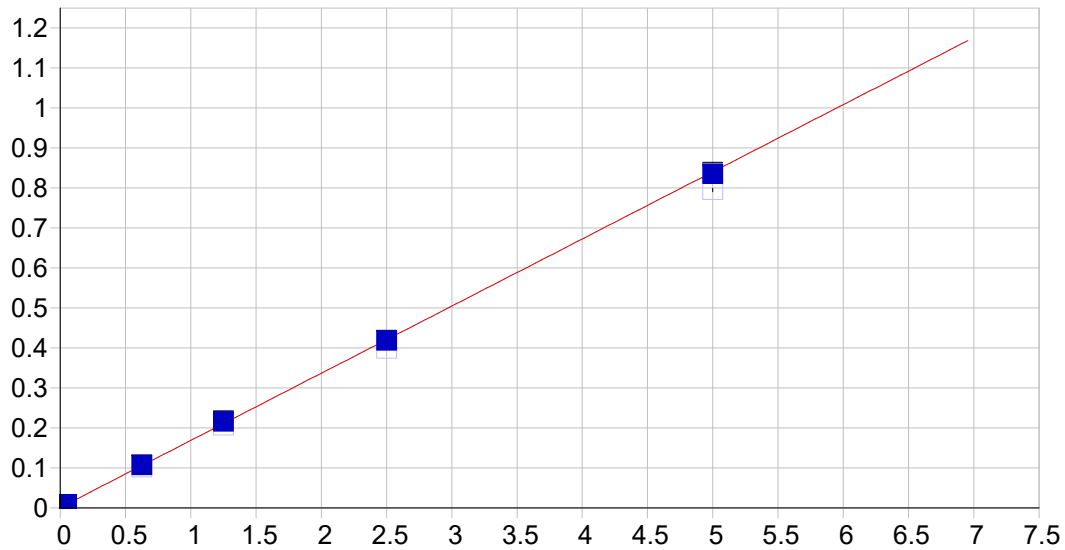


Na 818.326 { 41}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.002069	Re-Slope:	1.000000
A1 (Gain):	0.006912	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998593	Status:	OK.
Std Error of Est:	0.001140		
Predicted MDL:	0.275709		
Predicted MQL:	0.919029		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00094	.001	.000	-.00206	.001	1
S1	5.0000	5.0625	.062	1.25	.03292	.003	1
S2	37.500	35.500	-2.00	-5.33	.24445	.002	1
S3	75.000	70.701	-4.30	-5.73	.48890	.009	1
S4	150.00	139.35	-10.7	-7.10	.96568	.006	1
S5	300.00	281.15	-18.9	-6.28	1.9504	.013	1
S6	800.00	835.74	35.7	4.47	5.7988	.025	1

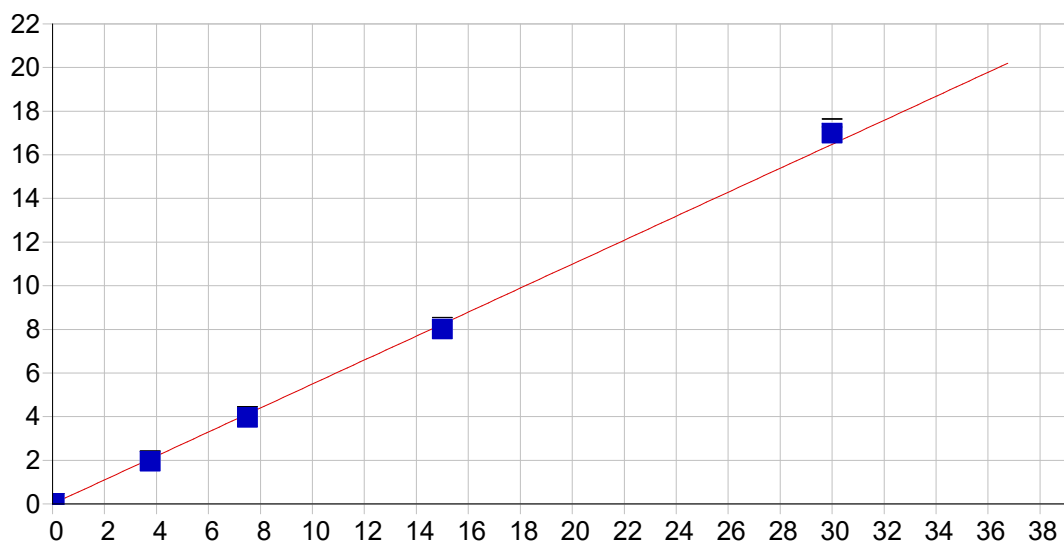


V 292.402 {115}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000838	Re-Slope:	1.000000
A1 (Gain):	0.167953	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999923	Status:	OK.
Std Error of Est:	0.000053		
Predicted MDL:	0.003056		
Predicted MQL:	0.010187		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00084	.000	1
S1	.05000	.05262	.003	5.24	.00966	.000	1
S2	.62500	.63218	.007	1.15	.10198	.000	1
S3	1.2500	1.2827	.033	2.61	.20620	.002	1
S4	2.5000	2.4878	-.012	-.488	.39854	.001	1
S5	5.0000	4.9696	-.030	-.608	.79524	.004	1

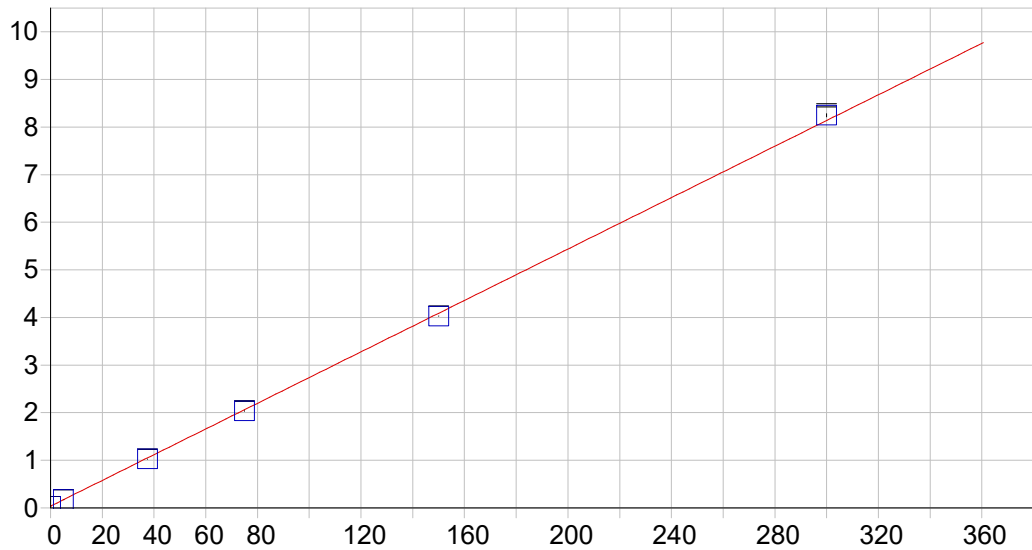


Zn 213.856 {158}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000527 Re-Slope: 1.000000
 A1 (Gain): 0.549411 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999443 Status: OK.
 Std Error of Est: 0.001307
 Predicted MDL: 0.001449
 Predicted MQL: 0.004831

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00053	.000	1
S1	.06000	.06045	.000	.748	.03383	.000	1
S2	3.7500	3.5510	-.199	-5.31	1.9549	.021	1
S3	7.5000	7.2039	-.296	-3.95	3.9652	.044	1
S4	15.000	14.571	-.429	-2.86	8.0195	.079	1
S5	30.000	30.924	.924	3.08	17.017	.187	1

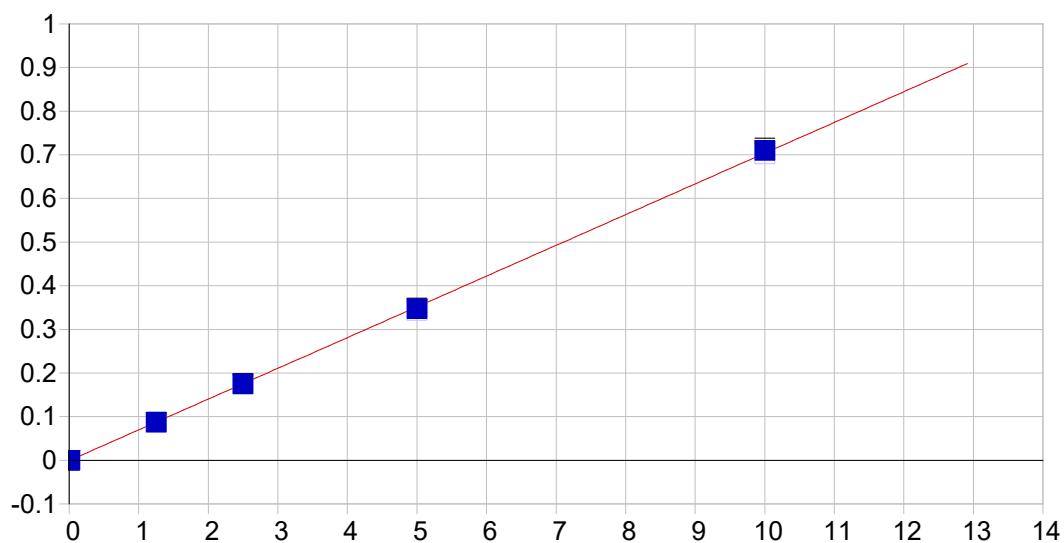


K 769.896 { 44}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.038398 Re-Slope: 1.000000
 A1 (Gain): 0.027000 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000810
 Predicted MDL: 0.074792
 Predicted MQL: 0.249306

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00018	.000	.000	.03840	.003	1
S1	5.0000	5.0088	.009	.176	.17363	.000	1
S2	37.500	36.649	-.851	-2.27	1.0279	.003	1
S3	75.000	73.952	-1.05	-1.40	2.0351	.005	1
S4	150.00	147.83	-2.17	-1.44	4.0299	.006	1
S5	300.00	304.05	4.05	1.35	8.2477	.034	1

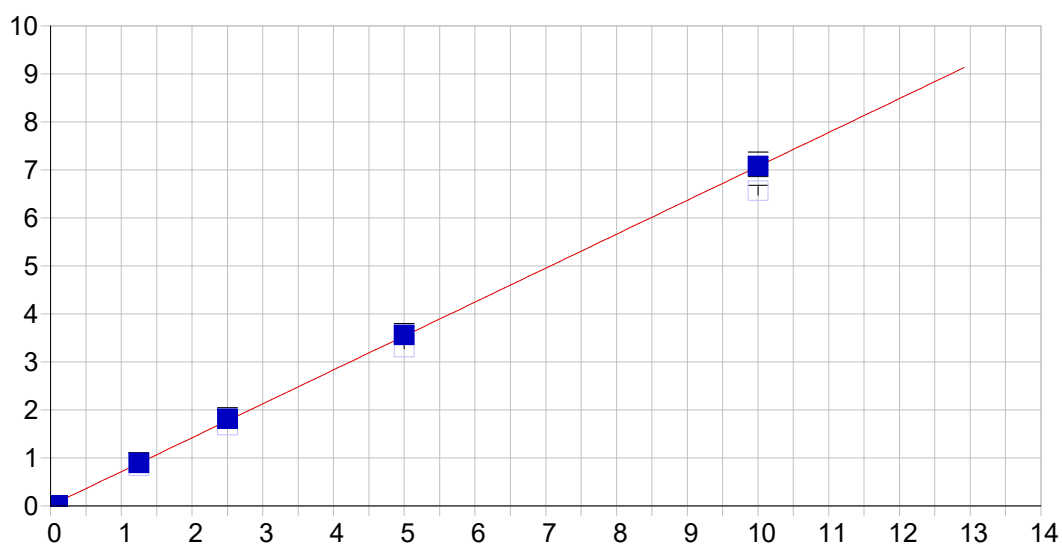


P 177.495 {490}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000642	Re-Slope:	1.000000
A1 (Gain):	0.070444	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	0.002210		
Predicted MQL:	0.007367		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00064	.000	1
S1	.01000	.01032	.000	3.16	.00008	.000	1
S2	1.2500	1.2400	-.010	-.797	.08572	.000	1
S3	2.5000	2.4914	-.009	-.345	.17289	.001	1
S4	5.0000	4.9375	-.063	-1.25	.34323	.001	1
S5	10.000	10.081	.081	.808	.70160	.006	1

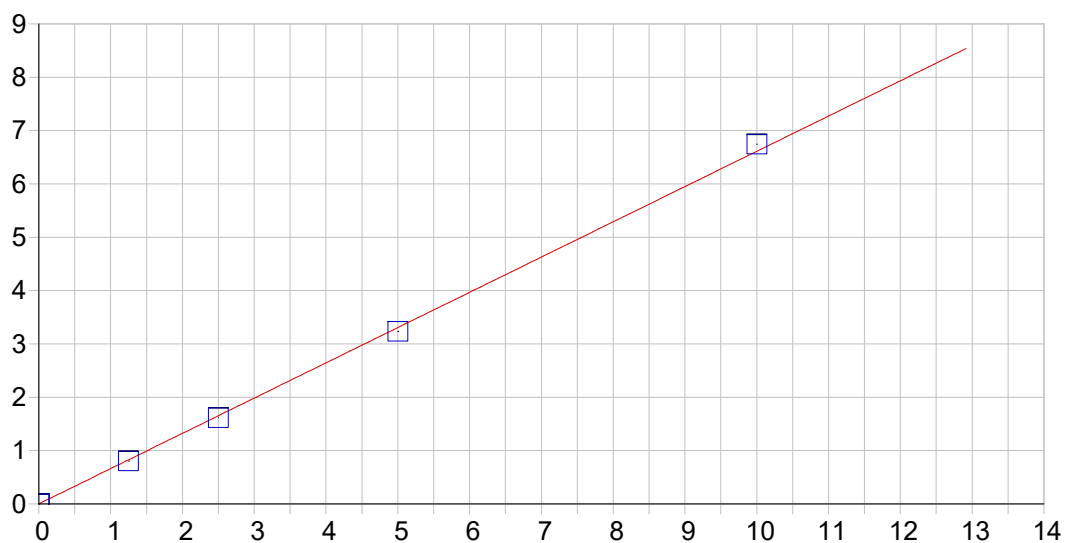


B 249.678 {135}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006930 Re-Slope: 1.000000
 A1 (Gain): 0.706597 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997361 Status: OK.
 Std Error of Est: 0.002536
 Predicted MDL: 0.000870
 Predicted MQL: 0.002899

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	.00699	.000	1
S1	.10000	.00806	-.092	-91.9	.01248	.000	1
S2	1.2500	1.2589	.009	.710	.83234	.004	1
S3	2.5000	2.5524	.052	2.09	1.6822	.027	1
S4	5.0000	5.0306	.031	.611	3.3051	.034	1
S5	10.000	10.007	.007	.071	6.5651	.089	1

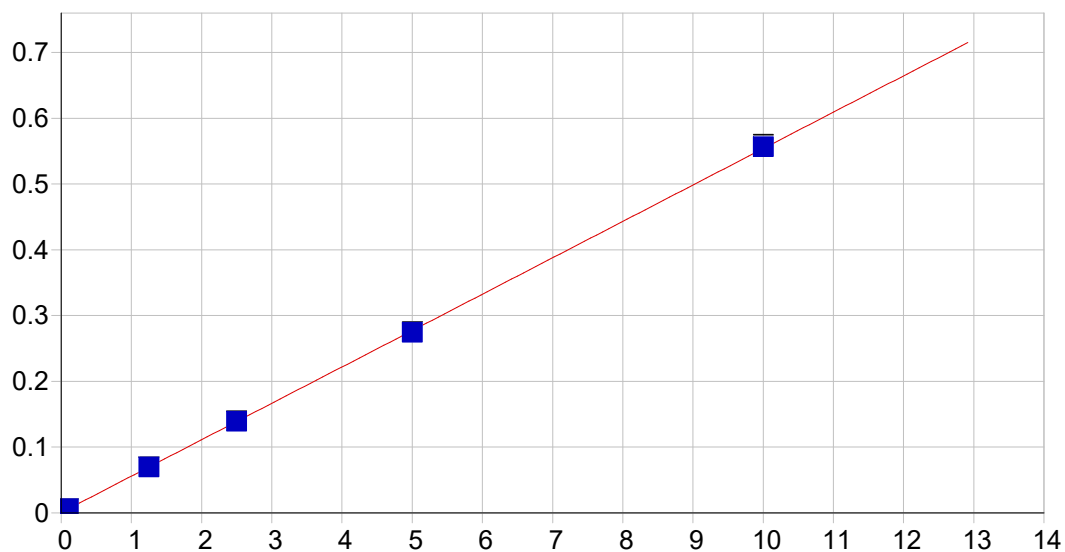


Mo 202.030 {467}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000541 Re-Slope: 1.000000
 A1 (Gain): 0.661124 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999770 Status: OK.
 Std Error of Est: 0.000238
 Predicted MDL: 0.000413
 Predicted MQL: 0.001376

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00054	.000	1
S1	.01000	.01046	.000	4.57	.00745	.000	1
S2	1.2500	1.2167	-.033	-2.67	.80490	.002	1
S3	2.5000	2.4420	-.058	-2.32	1.6150	.003	1
S4	5.0000	4.8911	-.109	-2.18	3.2341	.002	1
S5	10.000	10.200	.200	2.00	6.7439	.008	1

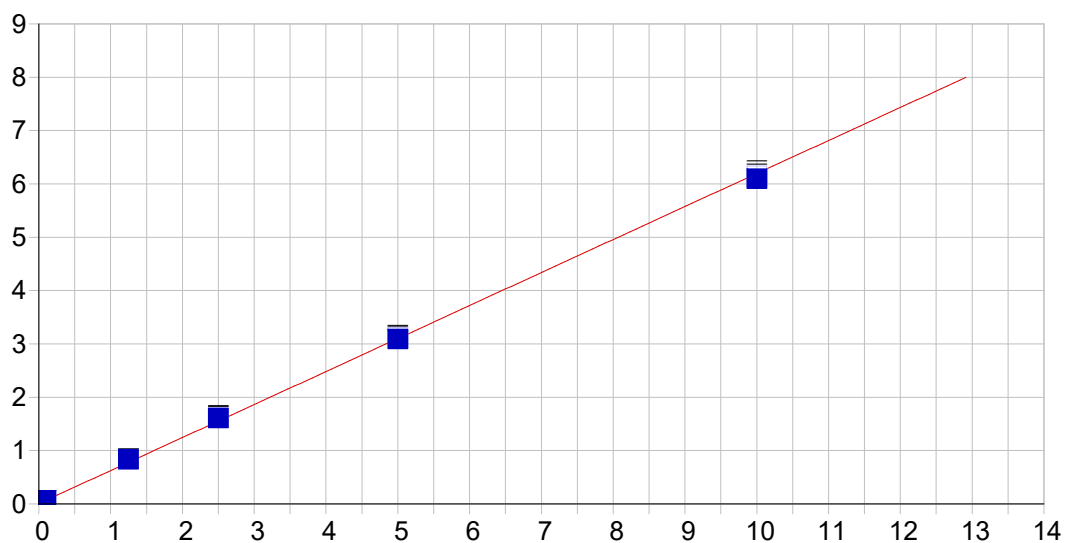


S 182.034 {485}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000588 Re-Slope: 1.000000
 A1 (Gain): 0.055330 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.003524
 Predicted MQL: 0.011746

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00059	.000	1
S1	.10000	.10040	.000	.402	.00614	.000	1
S2	1.2500	1.2513	.001	.103	.06997	.000	1
S3	2.5000	2.5051	.005	.202	.13948	.000	1
S4	5.0000	4.9477	-.052	-1.05	.27493	.001	1
S5	10.000	10.046	.046	.455	.55757	.003	1

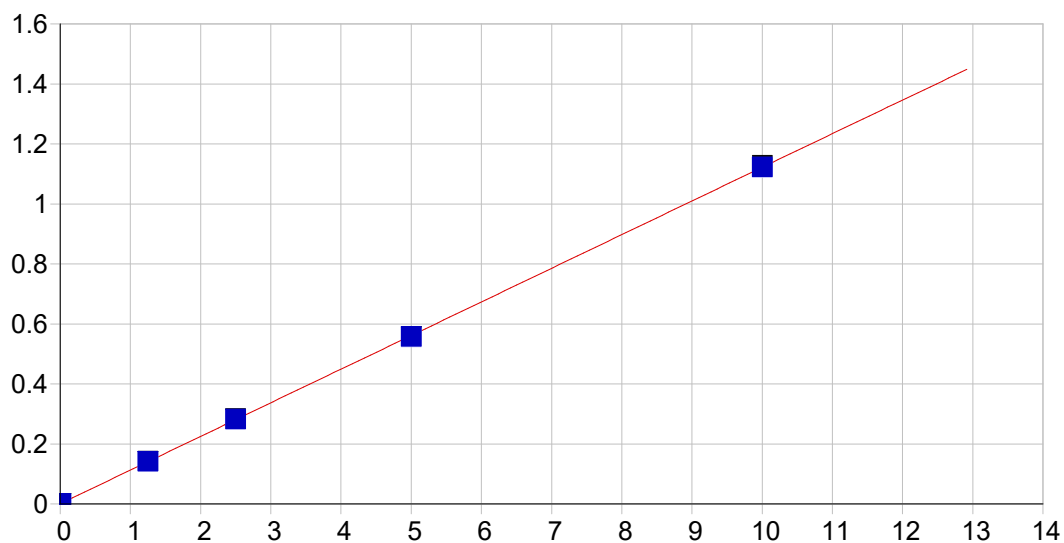


Si 251.611 {134}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006043 Re-Slope: 1.000000
 A1 (Gain): 0.618917 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999685 Status: OK.
 Std Error of Est: 0.000832
 Predicted MDL: 0.001027
 Predicted MQL: 0.003424

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00604	.001	1
S1	.10000	.10302	.003	3.02	.07003	.001	1
S2	1.2500	1.3380	.088	7.04	.84099	.009	1
S3	2.5000	2.5879	.088	3.52	1.6214	.034	1
S4	5.0000	4.9838	-.016	-.324	3.1180	.044	1
S5	10.000	9.8373	-.163	-1.63	6.1493	.094	1

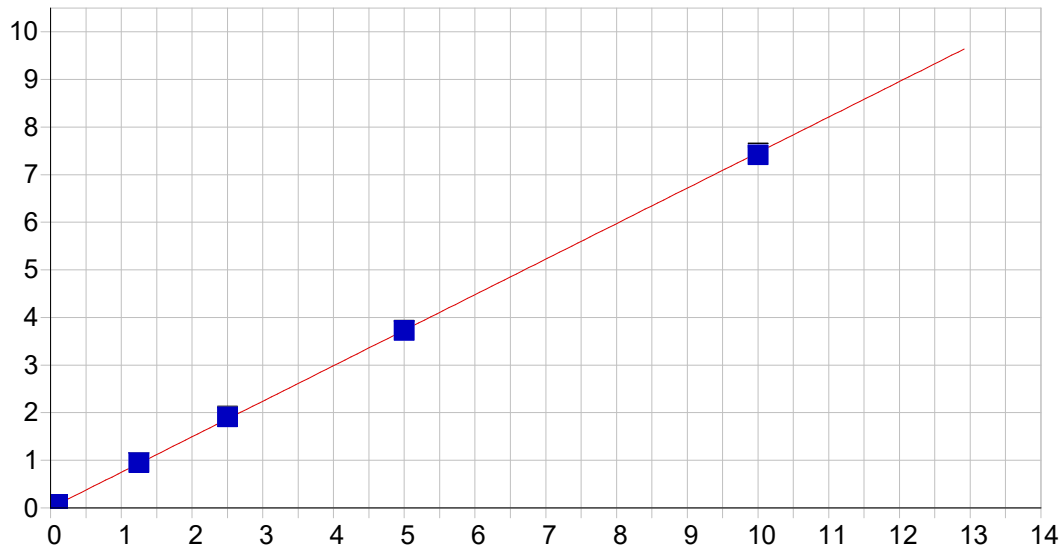


Sn 189.989 {478}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000639	Re-Slope:	1.000000
A1 (Gain):	0.112118	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999989	Status:	OK.
Std Error of Est:	0.000007		
Predicted MDL:	0.001490		
Predicted MQL:	0.004965		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00064	.000	1
S1	.00700	.00683	-.000	-2.38	.00138	.000	1
S2	1.2500	1.2601	.010	.806	.14163	.000	1
S3	2.5000	2.5135	.014	.541	.28187	.001	1
S4	5.0000	4.9654	-.035	-.691	.55619	.001	1
S5	10.000	10.011	.011	.111	1.1207	.005	1

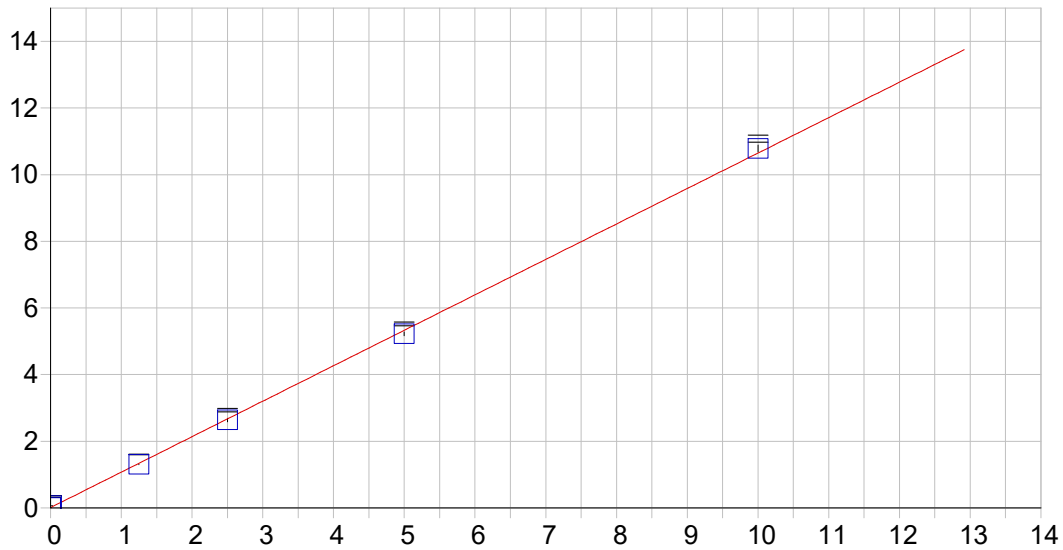


Ti 336.121 {100}

Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001896	Re-Slope:	1.000000
A1 (Gain):	0.746229	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999930	Status:	OK.
Std Error of Est:	0.000467		
Predicted MDL:	0.001137		
Predicted MQL:	0.003790		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00189	.001	1
S1	.10000	.10800	.008	8.00	.08247	.001	1
S2	1.2500	1.2689	.019	1.51	.94849	.002	1
S3	2.5000	2.5546	.055	2.19	1.9076	.018	1
S4	5.0000	4.9860	-.014	-.280	3.7213	.009	1
S5	10.000	9.9324	-.068	-.676	7.4112	.040	1

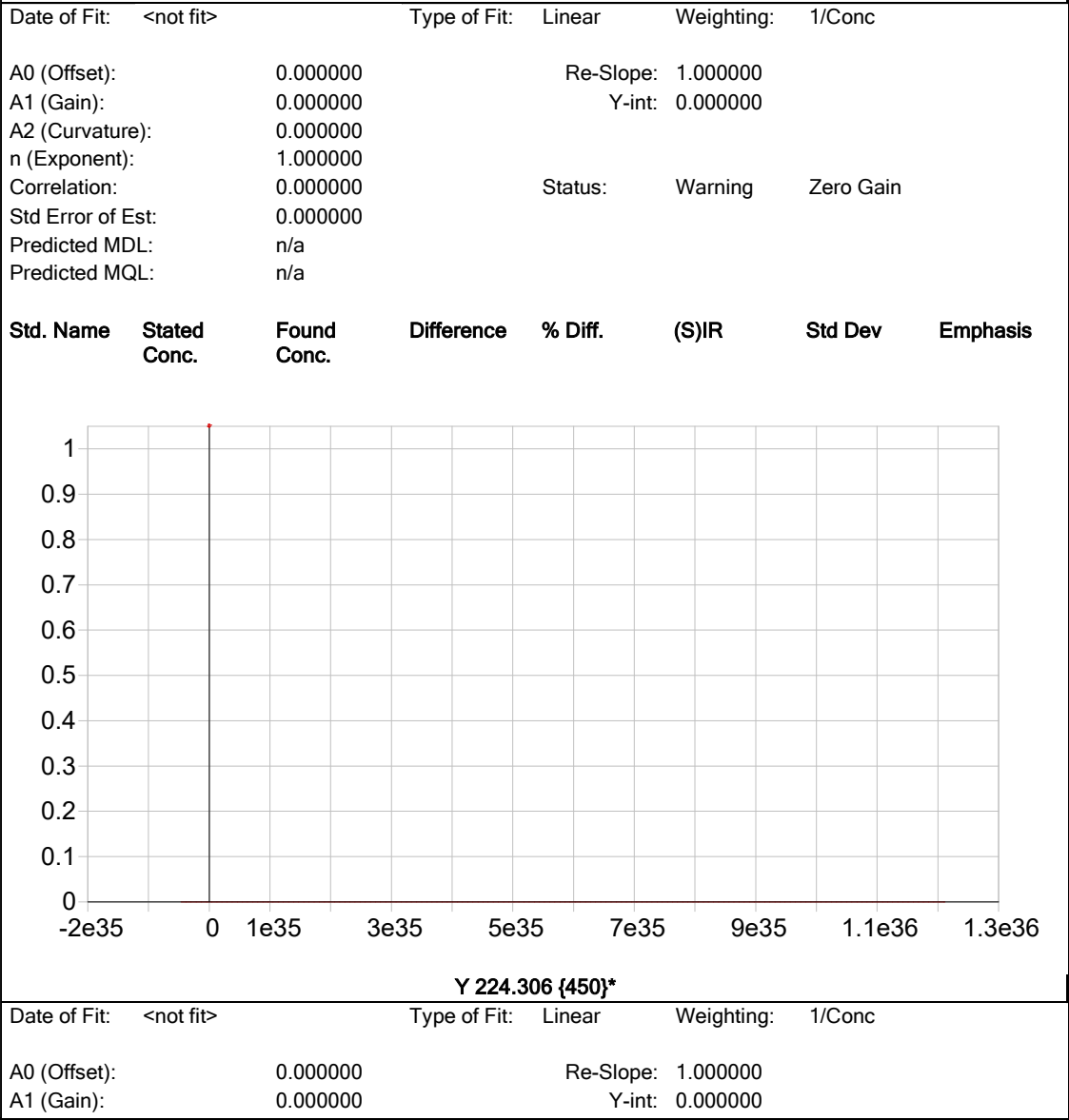
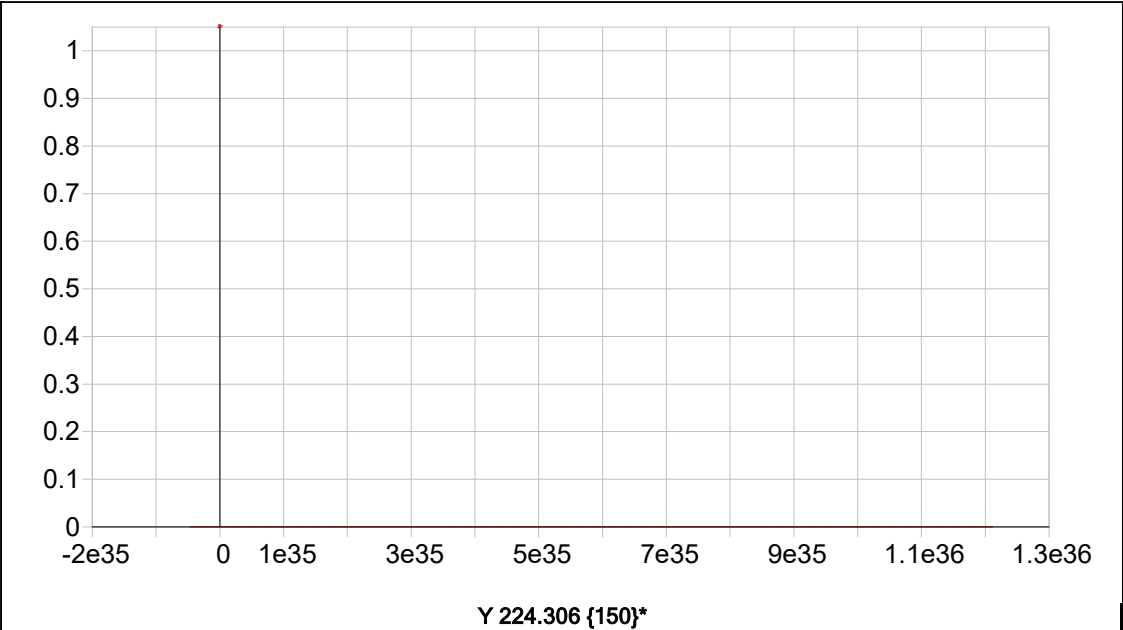


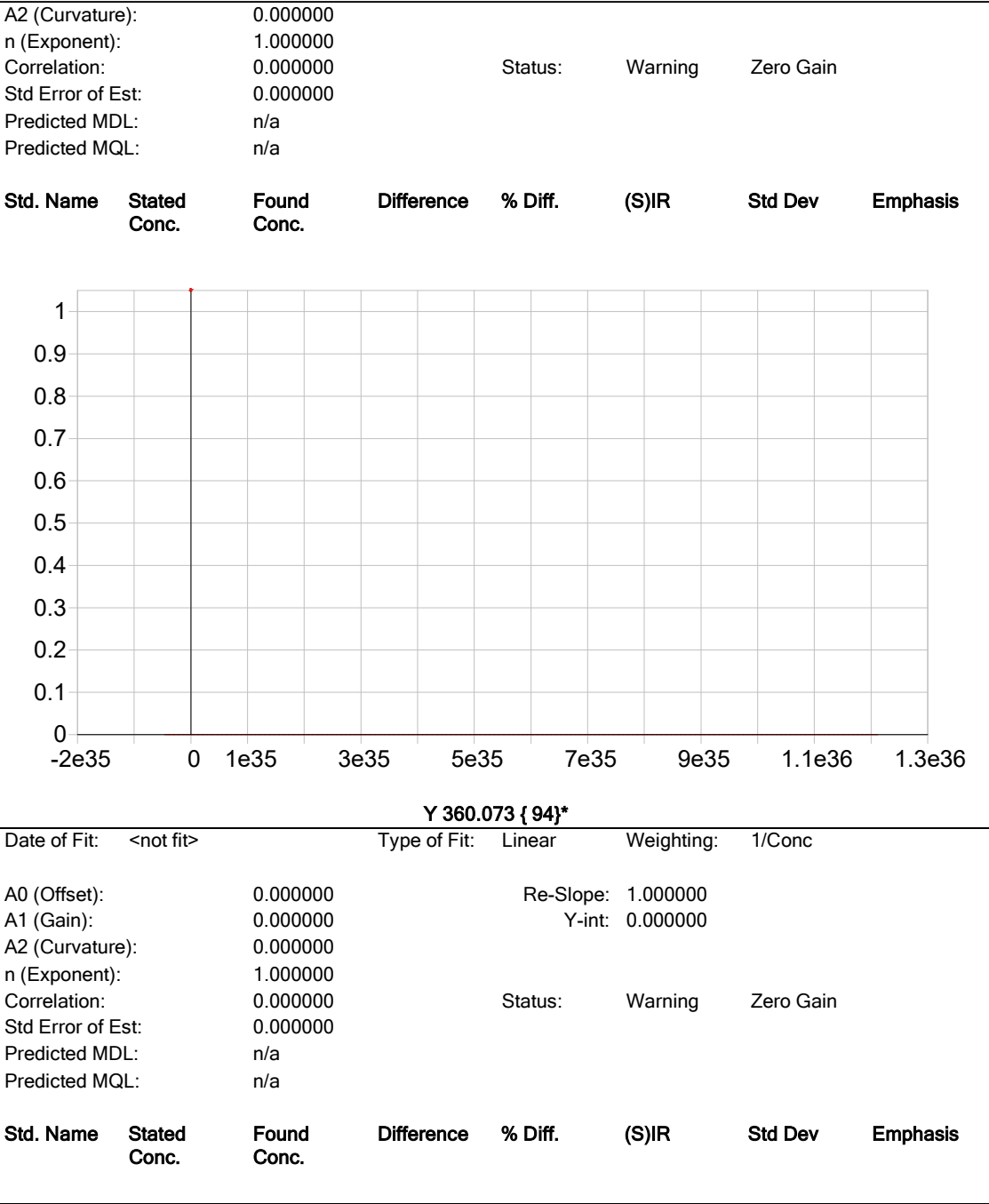
Li 670.784 { 50}

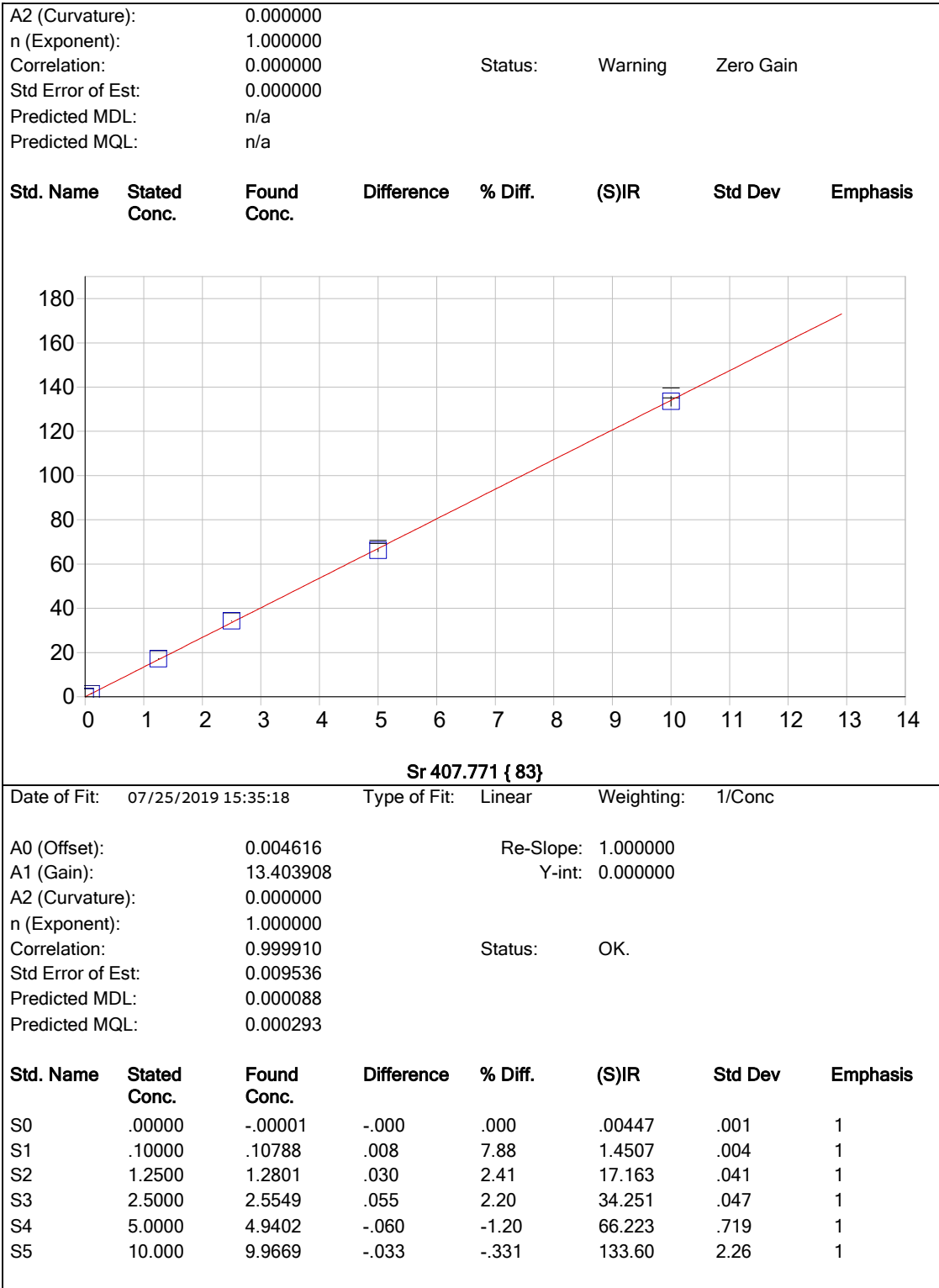
Date of Fit: 07/25/2019 15:35:18 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010283 Re-Slope: 1.000000
 A1 (Gain): 1.063880 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997535 Status: OK.
 Std Error of Est: 0.001537
 Predicted MDL: 0.001897
 Predicted MQL: 0.006323

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	.01024	.002	1
S5	10.000	10.127	.127	1.27	10.785	.109	1
S4	5.0000	4.8988	-.101	-2.02	5.2220	.055	1
S3	2.5000	2.4689	-.031	-1.24	2.6369	.057	1
S2	1.2500	1.2186	-.031	-2.52	1.3067	.007	1
S1	.01500	.05131	.036	242.	.06487	.001	1







Sample Name: S0 Acquired: 07/25/2019 15:09:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00034	-.00135	-.00096	.00118	.00158	.00997	.00783	-.00309
Stddev	.00015	.00011	.00015	.00046	.00018	.00046	.00119	.00023
%RSD	43.232	8.3518	15.712	39.122	11.518	4.5737	15.254	7.3738
#1	-.00025	-.00143	-.00094	.00099	.00170	.00957	.00668	-.00290
#2	-.00052	-.00122	-.00082	.00085	.00137	.01047	.00907	-.00302
#3	-.00027	-.00140	-.00112	.00171	.00166	.00986	.00775	-.00334
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	.00228	.00012	-.00006	-.00031	.00301	.00022	.00118	-.00028
Stddev	.00003	.00059	.00010	.00034	.00074	.00022	.00010	.00027
%RSD	1.2231	511.65	172.90	108.76	24.737	96.453	8.5809	98.620
#1	.00231	.00007	-.00003	-.00062	.00344	.00047	.00120	-.00059
#2	.00227	.00073	-.00017	.00005	.00215	.00008	.00127	-.00014
#3	.00226	-.00045	.00003	-.00037	.00345	.00012	.00107	-.00010
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	-.00257	-.00262	-.00206	.00084	.00053	.03840	-.00064	.00699
Stddev	.00044	.00006	.00069	.00047	.00012	.00258	.00001	.00039
%RSD	17.244	2.4330	33.554	56.581	22.440	6.7275	1.0217	5.5085
#1	-.00284	-.00269	-.00157	.00032	.00048	.04112	-.00065	.00664
#2	-.00280	-.00256	-.00285	.00124	.00066	.03810	-.00063	.00741
#3	-.00206	-.00263	-.00177	.00096	.00044	.03598	-.00064	.00693
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	.00054	.00059	.00604	.00064	.00189	.01024	.00447	
Stddev	.00026	.00019	.00062	.00029	.00092	.00199	.00057	
%RSD	48.492	32.734	10.268	45.109	48.750	19.454	12.780	
#1	.00084	.00037	.00620	.00093	.00087	.01254	.00487	
#2	.00043	.00073	.00535	.00064	.00266	.00891	.00473	
#3	.00035	.00066	.00656	.00035	.00214	.00928	.00381	

Sample Name: S0 Acquired: 07/25/2019 15:09:12 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1536.0	2483.6	31609.	5305.8	2745.6
Stddev	7.5	5.2	152.	64.8	6.0
%RSD	.48839	.21123	.47937	1.2217	.21983
#1	1529.2	2477.5	31573.	5235.8	2738.6
#2	1534.9	2487.2	31480.	5317.7	2749.6
#3	1544.0	2485.9	31776.	5363.8	2748.5

Sample Name: S1 Acquired: 07/25/2019 15:13:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00043	.00097	.00159	.00622	.01514	.03180	1.0313	.03500
Stddev	.00013	.00028	.00035	.00022	.00003	.00109	.0059	.00021
%RSD	30.260	29.497	22.234	3.4627	.22010	3.4199	.57208	.58995

#1	.00057	.00119	.00188	.00621	.01512	.03058	1.0258	.03512
#2	.00039	.00106	.00170	.00602	.01518	.03213	1.0375	.03476
#3	.00032	.00065	.00120	.00645	.01513	.03268	1.0306	.03512

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	.02372	.52379	.00225	.05904	.01137	.00534	.01964	.08666
Stddev	.00025	.00544	.00009	.00047	.00077	.00026	.00059	.00094
%RSD	1.0427	1.0394	4.0567	.80405	6.7950	4.9385	3.0176	1.0847

#1	.02343	.51863	.00233	.05952	.01077	.00529	.01946	.08652
#2	.02385	.52326	.00215	.05858	.01109	.00510	.02030	.08766
#3	.02387	.52948	.00229	.05901	.01224	.00562	.01916	.08580

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	.03249	.00245	.03292	.00966	.03383	.17363	.00008	.01248
Stddev	.00021	.00028	.00331	.00029	.00030	.00037	.00009	.00038
%RSD	.64638	11.309	10.067	3.0484	.88501	.21547	108.62	3.0134

#1	.03246	.00238	.03284	.00936	.03415	.17325	-.00002	.01211
#2	.03230	.00275	.02965	.00994	.03380	.17399	.00011	.01246
#3	.03271	.00222	.03628	.00968	.03355	.17366	.00015	.01286

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	.00745	.00614	.07003	.00138	.08247	.06487	1.4507
Stddev	.00027	.00007	.00076	.00012	.00138	.00081	.0044
%RSD	3.6663	1.1917	1.0914	9.0247	1.6763	1.2413	.30109

#1	.00744	.00612	.07050	.00126	.08088	.06407	1.4456
#2	.00719	.00622	.06914	.00151	.08336	.06569	1.4535
#3	.00773	.00608	.07043	.00138	.08317	.06486	1.4529

Sample Name: S1 Acquired: 07/25/2019 15:13:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1539.1	2503.6	31653.	5275.0	2798.0
Stddev	13.7	1.8	185.	32.2	2.5
%RSD	.89072	.07334	.58528	.61079	.09061
#1	1547.2	2502.6	31748.	5305.6	2795.7
#2	1523.3	2502.6	31439.	5241.4	2800.7
#3	1546.9	2505.8	31771.	5278.2	2797.6

Sample Name: S2 Acquired: 07/25/2019 15:17:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.09091	.11333	1.5903	.16896	.27797	4.2094	12.212	.90484
Stddev	.00052	.00049	.0032	.00106	.00082	.0099	.015	.00876
%RSD	.56860	.43065	.20288	.62540	.29641	.23456	.11982	.96846

#1	.09081	.11299	1.5901	.16863	.27819	4.2131	12.205	.90087
#2	.09046	.11389	1.5872	.16811	.27706	4.2169	12.229	.91488
#3	.09147	.11311	1.5936	.17015	.27867	4.1982	12.203	.89876

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.4460	5.9521	.79012	.69840	1.1362	1.7392	4.2888	1.0136
Stddev	.0004	.0185	.00259	.00140	.0027	.0038	.0158	.0034
%RSD	.01556	.31066	.32769	.20002	.23937	.21678	.36892	.33104

#1	2.4463	5.9619	.78725	.69923	1.1366	1.7435	4.3037	1.0132
#2	2.4461	5.9636	.79228	.69918	1.1387	1.7365	4.2904	1.0171
#3	2.4456	5.9308	.79083	.69678	1.1333	1.7377	4.2722	1.0105

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	.49659	.14564	.24445	.10198	1.9549	1.0279	.08572	.83234
Stddev	.00142	.00101	.00163	.00040	.0209	.0031	.00004	.00428
%RSD	.28612	.69295	.66689	.39136	1.0701	.29662	.04686	.51463

#1	.49576	.14635	.24348	.10244	1.9772	1.0261	.08577	.82875
#2	.49823	.14449	.24353	.10179	1.9357	1.0262	.08572	.83708
#3	.49578	.14608	.24633	.10171	1.9517	1.0314	.08569	.83120

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	.80490	.06997	.84099	.14163	.94849	1.3067	17.163	
Stddev	.00170	.00013	.00868	.00043	.00202	.0073	.041	
%RSD	.21151	.17964	1.0319	.30324	.21274	.55455	.23799	

#1	.80344	.07009	.83354	.14128	.94990	1.3097	17.144	
#2	.80449	.06984	.85052	.14211	.94939	1.3119	17.210	
#3	.80677	.06998	.83890	.14149	.94618	1.2984	17.135	

Sample Name: S2 Acquired: 07/25/2019 15:17:24 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1488.5	2464.3	31427.	5277.4	2819.1
Stddev	11.3	5.9	157.	21.1	3.6
%RSD	.75895	.23859	.50096	.40032	.12830
#1	1478.2	2464.7	31295.	5273.2	2815.0
#2	1500.6	2469.9	31602.	5258.6	2820.3
#3	1486.8	2458.2	31385.	5300.3	2821.9

Sample Name: S3 Acquired: 07/25/2019 15:21:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.18632	.23063	3.2092	.34155	.56053	8.5290	24.820	1.8046
Stddev	.00088	.00072	.0039	.00082	.00164	.0832	.370	.0338
%RSD	.47375	.31196	.12248	.24061	.29183	.97515	1.4895	1.8759

#1	.18609	.23101	3.2090	.34191	.55885	8.4391	24.426	1.7703
#2	.18557	.22980	3.2053	.34061	.56062	8.5447	24.873	1.8055
#3	.18729	.23107	3.2132	.34214	.56211	8.6032	25.160	1.8380

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	4.7910	12.048	1.5555	1.3957	2.2554	3.4699	8.6153	2.0649
Stddev	.0115	.211	.0022	.0027	.0076	.0456	.1253	.0302
%RSD	.23980	1.7483	.14229	.19315	.33575	1.3137	1.4548	1.4645

#1	4.7923	11.831	1.5531	1.3944	2.2471	3.4202	8.4874	2.0327
#2	4.7789	12.060	1.5574	1.3938	2.2619	3.4799	8.6205	2.0691
#3	4.8018	12.252	1.5559	1.3988	2.2573	3.5097	8.7380	2.0928

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	.98444	.30028	.48890	.20620	3.9652	2.0351	.17289	1.6822
Stddev	.00195	.00103	.00902	.00169	.0438	.0054	.00063	.0274
%RSD	.19759	.34411	1.8440	.81953	1.1047	.26347	.36453	1.6273

#1	.98411	.30145	.47973	.20429	3.9899	2.0291	.17304	1.6540
#2	.98268	.29989	.48921	.20749	3.9910	2.0368	.17220	1.6840
#3	.98653	.29950	.49775	.20684	3.9146	2.0394	.17343	1.7087

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	1.6150	.13948	1.6214	.28187	1.9076	2.6369	34.251
Stddev	.0027	.00043	.0339	.00112	.0180	.0565	.047
%RSD	.16470	.30918	2.0885	.39731	.94399	2.1442	.13826

#1	1.6140	.13985	1.5866	.28163	1.8882	2.5825	34.304
#2	1.6130	.13901	1.6236	.28089	1.9107	2.6329	34.213
#3	1.6180	.13959	1.6542	.28309	1.9239	2.6954	34.235

Sample Name: S3 Acquired: 07/25/2019 15:21:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1434.3	2402.4	30834.	5190.9	2778.3
Stddev	10.7	7.3	218.	66.1	7.1
%RSD	.74414	.30359	.70775	1.2740	.25440
#1	1423.1	2405.9	30583.	5246.2	2779.9
#2	1435.3	2407.3	30971.	5208.9	2784.4
#3	1444.4	2394.0	30949.	5117.7	2770.5

Sample Name: S4 Acquired: 07/25/2019 15:25:02 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.37314	.46307	6.4240	.68057	1.1367	16.978	48.755	3.4808
Stddev	.00101	.00151	.0087	.00238	.0019	.044	.222	.0481
%RSD	.27128	.32580	.13502	.34921	.16890	.25866	.45554	1.3822

#1	.37197	.46358	6.4143	.68029	1.1386	16.974	48.930	3.4993
#2	.37372	.46425	6.4270	.68307	1.1348	16.937	48.506	3.4262
#3	.37374	.46137	6.4308	.67834	1.1366	17.024	48.830	3.5169

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	9.1828	23.568	3.0301	2.7337	4.4066	6.6862	16.662	4.0734
Stddev	.0188	.177	.0077	.0036	.0117	.0230	.087	.0168
%RSD	.20524	.75135	.25380	.13329	.26462	.34319	.52092	.41111

#1	9.1639	23.714	3.0217	2.7321	4.3935	6.6857	16.719	4.0746
#2	9.1828	23.371	3.0367	2.7312	4.4159	6.6636	16.563	4.0561
#3	9.2016	23.620	3.0320	2.7379	4.4103	6.7095	16.706	4.0895

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	1.9279	.60773	.96568	.39854	8.0195	4.0299	.34323	3.3051
Stddev	.0043	.00277	.00561	.00085	.0787	.0064	.00128	.0345
%RSD	.22513	.45561	.58084	.21295	.98178	.15828	.37282	1.0424

#1	1.9266	.60689	.96396	.39812	8.0071	4.0228	.34345	3.3153
#2	1.9244	.61082	.96113	.39799	8.1037	4.0316	.34438	3.2667
#3	1.9328	.60548	.97194	.39952	7.9477	4.0352	.34185	3.3333

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2341	.27493	3.1180	.55619	3.7213	5.2220	66.223
Stddev	.0023	.00082	.0435	.00099	.0094	.0553	.719
%RSD	.07138	.29824	1.3964	.17734	.25220	1.0583	1.0859

#1	3.2366	.27425	3.1246	.55507	3.7306	5.2618	65.861
#2	3.2339	.27584	3.0715	.55661	3.7118	5.1589	65.756
#3	3.2320	.27469	3.1578	.55690	3.7215	5.2452	67.051

Sample Name: S4 Acquired: 07/25/2019 15:25:02 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1355.4	2307.1	29964.	5130.0	2721.4
Stddev	6.4	4.9	171.	47.8	7.4
%RSD	.47014	.21288	.57229	.93137	.27254
#1	1352.4	2308.4	30060.	5110.3	2723.9
#2	1351.2	2311.2	29766.	5184.5	2727.1
#3	1362.8	2301.7	30066.	5095.2	2713.0

Sample Name: S5 Acquired: 07/25/2019 15:28:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.77525	.93971	13.112	1.3825	2.3976	34.726	98.131	6.9434
Stddev	.00304	.00703	.044	.0031	.0027	.164	1.445	.1009
%RSD	.39201	.74762	.33501	.22041	.11408	.47220	1.4722	1.4537

#1	.77282	.93222	13.062	1.3791	2.3962	34.639	96.472	6.8393
#2	.77429	.94616	13.130	1.3835	2.3958	34.624	98.816	6.9500
#3	.77866	.94075	13.144	1.3850	2.4007	34.916	99.107	7.0409

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	18.008	47.137	5.9432	5.4952	8.8468	13.219	33.024	8.2842
Stddev	.039	.451	.0080	.0115	.0229	.092	.293	.0670
%RSD	.21447	.95759	.13538	.20951	.25864	.69371	.88832	.80828

#1	17.965	46.975	5.9342	5.4820	8.8306	13.157	32.890	8.2418
#2	18.017	46.789	5.9455	5.5013	8.8368	13.175	32.823	8.2494
#3	18.041	47.647	5.9498	5.5025	8.8729	13.324	33.361	8.3614

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.8629	1.2387	1.9504	.79524	17.017	8.2477	.70160	6.5651
Stddev	.0090	.0062	.0127	.00430	.187	.0345	.00592	.0891
%RSD	.23393	.49608	.64838	.54069	1.0968	.41775	.84347	1.3566

#1	3.8526	1.2456	1.9508	.79393	17.226	8.2323	.69477	6.4698
#2	3.8662	1.2370	1.9375	.79174	16.960	8.2237	.70529	6.5793
#3	3.8698	1.2337	1.9628	.80004	16.866	8.2872	.70473	6.6463

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.7439	.55757	6.1493	1.1207	7.4112	10.785	133.60
Stddev	.0081	.00310	.0938	.0050	.0396	.109	2.26
%RSD	.12070	.55617	1.5251	.44965	.53443	1.0134	1.6891

#1	6.7360	.55425	6.0477	1.1150	7.3889	10.762	131.51
#2	6.7435	.55806	6.1676	1.1241	7.3877	10.688	133.29
#3	6.7522	.56039	6.2326	1.1232	7.4569	10.903	135.99

Sample Name: S5 Acquired: 07/25/2019 15:28:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1229.2	2137.2	29270.	5027.3	2606.7
Stddev	10.1	4.1	219.	46.4	1.0
%RSD	.82198	.19290	.74973	.92282	.03798
#1	1217.7	2132.5	29018.	5064.1	2607.3
#2	1236.7	2139.4	29420.	5042.7	2605.5
#3	1233.1	2139.9	29372.	4975.2	2607.2

Sample Name: S6 Acquired: 07/25/2019 15:32:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	97.022	78.471	37.146	14.188	5.7988
Stddev	.712	1.067	.119	.049	.0249
%RSD	.73334	1.3596	.31979	.34249	.42918

#1	96.510	78.185	37.157	14.185	5.8161
#2	96.721	79.651	37.259	14.239	5.8101
#3	97.834	77.575	37.022	14.142	5.7703

Int. Std.	Y_3710
Units	Cts/S
Avg	4961.4
Stddev	19.0
%RSD	.38197

#1	4950.9
#2	4950.0
#3	4983.3

Sample Name: ICV Acquired: 07/25/2019 15:37:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9512327	.9795182	.9910474	.9412618	.9077339	2.473386
Stddev	.0023339	.0005458	.0018734	.0042404	.0042334	.003139
%RSD	.2453543	.0557216	.1890307	.4504978	.4663652	.1269136

#1	.9509827	.9790604	.9891462	.9384687	.9097870	2.475033
#2	.9536815	.9793720	.9911043	.9391756	.9028655	2.475358
#3	.9490338	.9801222	.9928917	.9461411	.9105493	2.469766

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5093315	.5130264	.5263844	10.33944	.5167740	.5204044
Stddev	.0058551	.0082675	.0011259	.14744	.0019205	.0013497
%RSD	1.149561	1.611519	.2139012	1.425992	.3716334	.2593558

#1	.5047336	.5072044	.5253923	10.19420	.5186331	.5203303
#2	.5159230	.5224895	.5261527	10.48898	.5168914	.5190933
#3	.5073378	.5093853	.5276082	10.33515	.5147974	.5217897

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4827049	5.315713	.5134860	5.801850	.5355524	.4640143
Stddev	.0027603	.032732	.0049545	.037607	.0004913	.0005789
%RSD	.5718467	.6157526	.9648718	.6481958	.0917402	.1247704

#1	.4857899	5.288697	.5094378	5.767504	.5354410	.4636988
#2	.4804683	5.352111	.5190109	5.842035	.5351264	.4646825
#3	.4818565	5.306331	.5120093	5.796010	.5360899	.4636617

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.01213	.5205141	.9297551	9.564183	F .0014275	5.082743
Stddev	.10619	.0057365	.0087339	.015713	.0012566	.096235
%RSD	1.060595	1.102087	.9393810	.1642913	88.02846	1.893371

#1	10.13463	.5161490	.9370159	9.548470	.0013871	5.025093
#2	9.95560	.5270114	.9200632	9.564184	.0001916	5.193839
#3	9.94617	.5183818	.9321864	9.579896	.0027038	5.029296

Sample Name: ICV Acquired: 07/25/2019 15:37:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.867004	F .0147700	4.990117	5.169129	5.237202	F .0040882
Stddev	.015415	.0009109	.082740	.021599	.044952	.0034983
%RSD	.3167207	6.167321	1.658075	.4178485	.8583209	85.57010

#1	4.861429	.0138843	4.939814	5.160859	5.191760	.0067344
#2	4.855152	.0157042	5.085611	5.152887	5.281647	.0054084
#3	4.884430	.0147215	4.944924	5.193642	5.238199	.0001220

Elem	Sr4077
Units	ppm
Avg	F .0119489
Stddev	.0000414
%RSD	.3462870

#1	.0119055
#2	.0119532
#3	.0119879

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1560.243	2557.283	31898.56	5268.924	2849.983
Stddev	13.523	8.314	148.50	47.178	6.754
%RSD	.8667188	.3251026	.4655260	.8954005	.2369923

#1	1547.820	2553.061	31820.25	5308.664	2846.030
#2	1574.647	2566.861	32069.82	5216.785	2857.782
#3	1558.262	2551.928	31805.60	5281.324	2846.136

Sample Name: ICB Acquired: 07/25/2019 15:45:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012291	.0010578	-.000975	.0012757	-.002549	-.013239	.0004301
Stddev	.0037912	.0032212	.002361	.0019008	.000521	.005895	.0004022
%RSD	308.4659	304.5285	242.1833	149.0024	20.44504	44.52975	93.51170

#1	.0054430	-.000507	-.002151	.0001746	-.002042	-.007475	.0004817
#2	-.001905	.004762	.001743	.0001819	-.002523	-.012984	.0008040
#3	.000149	-.001082	-.002517	.0034705	-.003083	-.019258	.0000046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000386	.0000077	.0010730	.0002547	.0001906	.0030903	.0176563
Stddev	.0000081	.0001013	.0070761	.0001972	.0002981	.0012286	.0038275
%RSD	21.08048	1317.546	659.4480	77.43757	156.4228	39.75648	21.67781

#1	.0000312	-.000079	.0086395	.0004821	.0003202	.0041261	.0175279
#2	.0000474	.000119	-.000039	.0001309	-.000150	.0017329	.0138946
#3	.0000374	-.000017	-.005381	.0001511	.000402	.0034118	.0215464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001872	.0058089	-.000095	-.000600	.3914615	-.000972	.0011832
Stddev	.0001722	.0187861	.000220	.000212	.2074774	.002278	.0004445
%RSD	91.97573	323.4042	230.0741	35.33691	53.00071	234.2601	37.57037

#1	-.000008	.0271379	.000153	-.000355	.6239046	-.003568	.0016851
#2	.000318	-.008279	-.000178	-.000725	.2249956	-.000044	.0010255
#3	.000251	-.001432	-.000262	-.000719	.3254842	.000695	.0008391

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.250504	-.000586	.0062062	.0006823	.0012745	.0075308	.0011658
Stddev	.036583	.000411	.0006163	.0003310	.0011187	.0005041	.0001006
%RSD	14.60384	70.10175	9.929933	48.51543	87.77431	6.693648	8.625997

#1	-.254128	-.000184	.0069012	.0008693	.0023360	.0080041	.0011044
#2	-.212244	-.000568	.0059910	.0008776	.0001063	.0075875	.0011111
#3	-.285141	-.001005	.0057263	.0003001	.0013813	.0070007	.0012818

Sample Name: ICB Acquired: 07/25/2019 15:45:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0018626	-.002485	-.000047
Stddev	.0003041	.001778	.000035
%RSD	16.32486	71.54228	73.66886

#1	.0021998	-.004445	-.000008
#2	.0016093	-.000977	-.000058
#3	.0017788	-.002032	-.000075

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1543.404	2532.068	31543.97	5228.630	2779.011
Stddev	13.419	2.858	145.22	36.322	7.821
%RSD	.8694514	.1128533	.4603885	.6946679	.2814288

#1	1533.713	2535.365	31515.00	5223.710	2780.744
#2	1558.721	2530.304	31415.42	5195.019	2785.821
#3	1537.780	2530.535	31701.50	5267.161	2770.469

Sample Name: ICSA Acquired: 07/25/2019 15:49:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039546	.0038316	.0004703	.0058296	-.000602	245.7939
Stddev	.0011918	.0006448	.0025952	.0004480	.000865	.7521
%RSD	30.13565	16.82896	551.8895	7.684268	143.6977	.3059932

#1	.0031444	.0042902	.0034659	.0053848	-.001566	245.5167
#2	.0033965	.0030943	-.000957	.0062807	.000105	245.2197
#3	.0053231	.0041104	-.001098	.0058233	-.000344	246.6453

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067899	.0015096	-.001897	256.4458	.0527877	.0018924
Stddev	.0002431	.0000553	.000034	1.6536	.0009218	.0005986
%RSD	3.580912	3.661320	1.816954	.6448191	1.746310	31.63018

#1	.0068995	.0014558	-.001858	256.6641	.0536587	.0013540
#2	.0069589	.0015066	-.001909	254.6940	.0518223	.0017862
#3	.0065112	.0015662	-.001923	257.9795	.0528822	.0025369

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052696	103.2276	.0115724	258.6182	.0011695	-.009353
Stddev	.0026065	.3640	.0001763	1.3120	.0004947	.000346
%RSD	49.46290	.3525841	1.523615	.5073252	42.29997	3.704223

#1	.0081114	103.0286	.0114206	257.8512	.0017344	-.009749
#2	.0029903	103.0066	.0115307	257.8703	.0009602	-.009199
#3	.0047071	103.6477	.0117658	260.1332	.0008137	-.009109

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1408890	.0001455	-.000202	-.437120	.0064191	F .1655307
Stddev	.1079147	.0019579	.000902	.086519	.0009344	.0004339
%RSD	76.59548	1345.523	445.6502	19.79299	14.55591	.2621178

#1	.2603333	-.001788	.000132	-.342474	.0055226	.1652242
#2	.1119139	.000097	-.001224	-.512141	.0063476	.1660271
#3	.0504199	.002127	.000484	-.456744	.0073872	.1653406

Sample Name: ICSA Acquired: 07/25/2019 15:49:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004344	F .0021771	F .0024578	-.003031	F -.000181	W -.000876
Stddev	.0005993	.0053045	.0004801	.002888	.000409	.000488
%RSD	137.9444	243.6507	19.53465	95.28696	226.1527	55.66893
#1	.0004446	-.003413	.0023443	-.000207	-.000098	-.000406
#2	-.000170	.002804	.0020446	-.002907	.000181	-.001380
#3	.001029	.007140	.0029845	-.005980	-.000625	-.000843

Elem	Sr4077
Units	ppm
Avg	F .1041119
Stddev	.0001867
%RSD	.1792930
#1	.1039302
#2	.1043032
#3	.1041025

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1463.876	2434.046	30018.04	5126.345	2729.103
Stddev	3.938	6.824	199.28	23.514	5.107
%RSD	.2689858	.2803369	.6638759	.4586855	.1871330
#1	1465.047	2430.697	29925.17	5123.266	2733.300
#2	1459.486	2429.544	30246.80	5151.247	2723.417
#3	1467.095	2441.897	29882.13	5104.522	2730.593

Sample Name: ICSAB Acquired: 07/25/2019 15:53:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1020929	.1103506	.0499453	.0552042	.5991184	241.2837
Stddev	.0015793	.0043681	.0030075	.0030888	.0025726	.6381
%RSD	1.546903	3.958352	6.021569	5.595185	.4294014	.2644653

#1	.1024527	.1083857	.0473522	.0532367	.5961634	241.3939
#2	.1003647	.1073101	.0492414	.0536117	.6003321	240.5976
#3	.1034612	.1153560	.0532423	.0587643	.6008596	241.8595

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5297774	.5239473	1.019939	250.6878	.5684671	.5205054
Stddev	.0039679	.0029968	.002108	1.1896	.0007483	.0007445
%RSD	.7489697	.5719723	.2066603	.4745441	.1316365	.1430326

#1	.5324209	.5239112	1.021211	251.7163	.5679105	.5196539
#2	.5252149	.5209687	1.017506	249.3850	.5693178	.5208284
#3	.5316966	.5269621	1.021099	250.9620	.5681731	.5210338

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4848447	101.1506	.5237896	253.2958	1.054723	.2008392
Stddev	.0033521	.7000	.0028138	1.6500	.002821	.0014866
%RSD	.6913808	.6920391	.5372040	.6514011	.2674343	.7401838

#1	.4824042	101.4053	.5219097	253.8457	1.051475	.1995428
#2	.4834631	100.3590	.5224346	251.4410	1.056553	.2024618
#3	.4886668	101.6877	.5270246	254.6005	1.056142	.2005129

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2465890	.5184813	.9656294	-.430279	.0079782	F .1606121
Stddev	.2464060	.0040015	.0016156	.039709	.0023205	.0020663
%RSD	99.92581	.7717755	.1673127	9.228588	29.08564	1.286545

#1	.4109660	.5138613	.9673433	-.476119	.0065526	.1598361
#2	.3655249	.5208511	.9641344	-.406454	.0106558	.1590461
#3	-.036724	.5207315	.9654104	-.408265	.0067261	.1629541

Sample Name: ICSAB Acquired: 07/25/2019 15:53:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003948	F .0066847	F .0020364	-.004566	F .0002885	W -.001433
Stddev	.0003099	.0030198	.0013274	.000552	.0003342	.002503
%RSD	78.47887	45.17507	65.18602	12.08579	115.8455	174.7302

#1	.0002059	.0047817	.0034711	-.004892	.0001280	-.004323
#2	.0007524	.0101667	.0008519	-.004877	.0000648	.000026
#3	.0002262	.0051058	.0017861	-.003929	.0006727	-.000001

Elem	Sr4077
Units	ppm
Avg	F .1018803
Stddev	.0001878
%RSD	.1843651

#1	.1017182
#2	.1018366
#3	.1020862

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1457.336	2434.590	30238.79	5166.110	2728.513
Stddev	9.212	2.712	177.60	14.500	4.335
%RSD	.6321348	.1113790	.5873277	.2806822	.1588881

#1	1452.881	2434.661	30331.93	5159.223	2733.029
#2	1451.199	2431.843	30033.99	5182.770	2724.385
#3	1467.930	2437.265	30350.45	5156.336	2728.125

Sample Name: CCB027 Acquired: 07/25/2019 16:01:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB027 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013705	.0015699	.0007660	.0012709	-.002075	.0094092	.0005870
Stddev	.0010811	.0011940	.0000927	.0023364	.000550	.0017668	.0002935
%RSD	78.88490	76.05521	12.09590	183.8402	26.51665	18.77779	49.98815

#1	.0014645	.0029167	.0008374	.0028035	-.002183	.0078994	.0008881
#2	.0024016	.0006414	.0006613	-.001418	-.002563	.0113524	.0005713
#3	.0002454	.0011516	.0007994	.002427	-.001479	.0089759	.0003018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000588	.0000497	.0049410	.0010048	.0003839	.0042731	.0278246
Stddev	.0000322	.0000704	.0099534	.0006453	.0002180	.0006300	.0055535
%RSD	54.77160	141.7225	201.4438	64.22306	56.78053	14.74372	19.95880

#1	.0000249	-.000005	.0086050	.0003121	.0004095	.0036660	.0222986
#2	.0000890	.000129	-.006325	.0011134	.0001543	.0049237	.0334051
#3	.0000626	.000025	.012543	.0015889	.0005880	.0042296	.0277703

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001789	.0129476	-.000128	-.000351	.3285603	-.002300	.0006327
Stddev	.0000893	.0084255	.000411	.000222	.1897911	.001284	.0004952
%RSD	49.92519	65.07375	320.3808	63.36434	57.76447	55.81395	78.26109

#1	.0001427	.0192400	-.000603	-.000178	.1218197	-.001777	.0010090
#2	.0001134	.0033754	.000131	-.000601	.4948941	-.001360	.0008175
#3	.0002806	.0162275	.000087	-.000272	.3689672	-.003763	.0000717

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.261148	.0006712	.0070606	.0008362	.0007640	.0014197	-.000718
Stddev	.027541	.0002675	.0002371	.0005351	.0007956	.0013245	.000880
%RSD	10.54594	39.85614	3.358039	64.00031	104.1312	93.29462	122.6765

#1	-.277325	.0009800	.0070980	.0013716	.0015788	.0027066	-.001288
#2	-.276770	.0005093	.0072769	.0008356	.0007241	.0000605	.000296
#3	-.229349	.0005243	.0068071	.0003013	-.000011	.0014920	-.001161

Sample Name: CCB027 Acquired: 07/25/2019 16:01:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB027 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011079	-.000026	.0000478
Stddev	.0008178	.001924	.0000553
%RSD	73.82098	7430.340	115.7293

#1	.0020522	-.001928	.0001075
#2	.0006422	.001921	-.000002
#3	.0006292	-.000071	.000037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1539.812	2531.018	31438.90	5188.943	2781.769
Stddev	12.323	1.432	247.02	60.754	5.976
%RSD	.8002620	.0565773	.7857105	1.170826	.2148323

#1	1554.001	2529.664	31707.25	5227.645	2780.871
#2	1533.640	2530.873	31388.43	5220.262	2788.144
#3	1531.795	2532.517	31221.01	5118.920	2776.294

Sample Name: CCV027 Acquired: 07/25/2019 15:57:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV027 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.818308	4.972877	24.80961	4.776126	4.850885	396.9779	10.06511
Stddev	.015421	.018663	.02268	.008615	.016913	2.1486	.01964
%RSD	.3200447	.3753037	.0914144	.1803699	.3486513	.5412416	.1951714

#1	4.806551	4.989711	24.79205	4.774841	4.854687	397.7119	10.08616
#2	4.812606	4.952807	24.80157	4.785311	4.832395	398.6634	10.06190
#3	4.835768	4.976113	24.83522	4.768226	4.865574	394.5585	10.04727

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5016236	2.398744	398.5757	15.09382	2.492759	14.95729	404.9763
Stddev	.0015234	.000479	1.0669	.04029	.004868	.02270	.9634
%RSD	.3036887	.0199888	.2676792	.2669316	.1952884	.1517422	.2378808

#1	.5008305	2.398987	399.6707	15.04761	2.492218	14.97946	406.0583
#2	.5033799	2.398192	398.5170	15.12159	2.488184	14.95832	404.6586
#3	.5006605	2.399054	397.5393	15.11226	2.497875	14.93410	404.2118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.91381	396.8681	2.472165	1.255665	387.9350	2.490409	14.48550
Stddev	.04035	.9553	.009874	.009372	.9600	.012283	.13232
%RSD	.2705268	.2407089	.3993925	.7464147	.2474631	.4932176	.9134425

#1	14.96023	397.7637	2.475931	1.253236	388.5094	2.498226	14.63579
#2	14.88722	396.9779	2.460963	1.266013	388.4689	2.496750	14.43413
#3	14.89398	395.8626	2.479602	1.247746	386.8268	2.476252	14.38657

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.3372	5.232834	5.402623	4.819199	4.985210	4.945499	4.966264
Stddev	.2572	.030716	.024473	.007796	.017978	.021055	.010942
%RSD	.1699842	.5869807	.4529807	.1617684	.3606325	.4257485	.2203336

#1	151.0422	5.258080	5.392586	4.821640	5.004276	4.933823	4.978275
#2	151.5147	5.198637	5.430518	4.810475	4.968565	4.969806	4.956863
#3	151.4548	5.241785	5.384764	4.825483	4.982789	4.932869	4.963653

Sample Name: CCV027 Acquired: 07/25/2019 15:57:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV027 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.973657	5.030328	4.931799
Stddev	.001826	.017853	.070621
%RSD	.0367059	.3549118	1.431950

#1	4.971551	5.049281	4.983960
#2	4.974643	5.027873	4.960001
#3	4.974779	5.013829	4.851434

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1330.834	2283.596	29303.51	5045.661	2656.465
Stddev	8.822	5.955	167.08	22.060	8.796
%RSD	.6628616	.2607680	.5701548	.4371989	.3311039

#1	1322.130	2277.376	29397.60	5046.115	2648.774
#2	1330.604	2289.245	29110.61	5023.378	2666.055
#3	1339.769	2284.165	29402.32	5067.491	2654.566

Sample Name: K3766-17DLXD Acquired: 07/25/2019 16:11:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52G8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1206679	.0057515	.6897796	.0108641	-.113346	54.12098	.3326179
Stddev	.0024459	.0014273	.0005327	.0005900	.003074	.47022	.0042933
%RSD	2.026961	24.81667	.0772340	5.430820	2.712040	.8688318	1.290753

#1	.1208863	.0046373	.6903590	.0112667	-.112753	53.57804	.3280442
#2	.1181202	.0052569	.6893110	.0111387	-.110612	54.39696	.3332485
#3	.1229973	.0073603	.6896689	.0101868	-.116673	54.38794	.3365610

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038848	-.002061	9.874193	17.38332	.0270168	10.49674	72.81205
Stddev	.0000848	.000058	.142842	.01966	.0002577	.02576	.80703
%RSD	2.182425	2.820230	1.446615	.1130748	.9539916	.2454288	1.108380

#1	.0037947	-.001996	9.710203	17.37708	.0271871	10.46949	71.88030
#2	.0038969	-.002109	9.940893	17.36755	.0271430	10.50001	73.29189
#3	.0039629	-.002079	9.971484	17.40534	.0267203	10.52071	73.26395

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.548947	10.53464	.4409460	.0039893	2.128429	.0897570	.2972193
Stddev	.021279	.14406	.0017660	.0002072	.137620	.0015336	.0042298
%RSD	1.373793	1.367443	.4005085	5.193587	6.465817	1.708551	1.423116

#1	1.524458	10.37573	.4398707	.0041974	2.084771	.0898475	.2951630
#2	1.559459	10.57152	.4399830	.0039874	2.282583	.0881803	.3020841
#3	1.562926	10.65667	.4429842	.0037831	2.017934	.0912433	.2944109

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.502689	4.079681	.1326545	.0107440	11.45376	5.674859	2.630677
Stddev	.034856	.012554	.0019856	.0002265	.01283	.056441	.006975
%RSD	.9951299	.3077207	1.496785	2.108193	.1119830	.9945786	.2651399

#1	3.462698	4.080242	.1304454	.0107561	11.46857	5.629798	2.637126
#2	3.518744	4.066856	.1342905	.0109641	11.44639	5.656613	2.623274
#3	3.526623	4.091945	.1332274	.0105116	11.44632	5.738166	2.631632

Sample Name: K3766-17DLXD Acquired: 07/25/2019 16:11:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52G8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.051435	.1806713	.0893454
Stddev	.006942	.0044854	.0001595
%RSD	.6602464	2.482620	.1784713

#1	1.043781	.1754926	.0892827
#2	1.053199	.1831977	.0892268
#3	1.057325	.1833238	.0895266

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1515.774	2561.307	33516.92	5585.680	2863.230
Stddev	11.765	6.584	84.91	53.920	7.294
%RSD	.7761952	.2570445	.2533410	.9653260	.2547560

#1	1522.145	2554.257	33595.95	5647.358	2854.807
#2	1502.197	2562.369	33427.15	5562.204	2867.386
#3	1522.981	2567.295	33527.65	5547.478	2867.496

Sample Name: PB121656BL Acquired: 07/25/2019 16:15:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW656 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003861	-.001064	-.000536	.0000080	-.002243	-.011326	.0000270
Stddev	.0021701	.001447	.001617	.0018888	.001397	.007540	.0006381
%RSD	561.9942	135.9502	301.7227	23708.59	62.26491	66.57773	2365.640

#1	-.001941	.000458	-.002333	-.002101	-.000631	-.013647	-.000402
#2	.002355	-.001228	-.000076	.000582	-.003074	-.002898	.000760
#3	.000744	-.002422	.000801	.001543	-.003024	-.017433	-.000278

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000283	-.000035	.0032478	.0005226	.0001996	.0020707	.0163382
Stddev	.0000184	.000081	.0095339	.0004303	.0002391	.0004323	.0015052
%RSD	65.12445	229.5468	293.5505	82.33013	119.8127	20.87830	9.212893

#1	.0000238	.000001	.0096091	.0000497	.0004357	.0015784	.0158031
#2	.0000485	.000021	-.007714	.0006272	-.000042	.0023883	.0151737
#3	.0000125	-.000128	.007848	.0008910	.000206	.0022455	.0180379

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000199	-.007629	-.000076	-.000485	.0872751	.0012921	.0004907
Stddev	.000057	.013585	.000520	.000686	.0385585	.0028569	.0011107
%RSD	28.60066	178.0703	683.0711	141.4315	44.18036	221.1141	226.3551

#1	-.000264	-.009355	.000497	.000065	.1254837	.0045805	.0009206
#2	-.000162	-.020268	-.000517	-.000267	.0483760	-.000125	.0013222
#3	-.000170	.006736	-.000209	-.001254	.0879656	-.000580	-.000771

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.300131	-.001126	-.003340	-.000077	-.002536	.0002164	-.001384
Stddev	.068790	.001843	.001204	.000212	.001231	.0008581	.001709
%RSD	22.91993	163.6884	36.03191	276.1651	48.55907	396.4970	123.4593

#1	-.243228	.000248	-.004569	.000118	-.001260	-.000726	-.002960
#2	-.376578	-.003220	-.002164	-.000303	-.003717	.000952	.000433
#3	-.280587	-.000406	-.003287	-.000045	-.002630	.000424	-.001627

Sample Name: PB121656BL Acquired: 07/25/2019 16:15:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW656 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009047	-.004718	-.000082
Stddev	.0006614	.001017	.000067
%RSD	73.11224	21.55818	80.82613

#1	.0001630	-.003615	-.000021
#2	.0014333	-.005619	-.000153
#3	.0011179	-.004921	-.000073

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1544.153	2532.489	31468.91	5235.707	2784.085
Stddev	10.619	2.486	221.50	54.505	4.640
%RSD	.6877019	.0981649	.7038639	1.041032	.1666594

#1	1536.792	2530.997	31296.63	5179.496	2780.088
#2	1556.326	2531.112	31718.76	5239.297	2782.994
#3	1539.339	2535.359	31391.34	5288.329	2789.173

Sample Name: PB121583BL Acquired: 07/25/2019 16:23:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW583 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006836	-.000309	-.000849	.0024055	-.001963	-.012365	.0002568
Stddev	.0010612	.001394	.000509	.0007525	.000304	.008889	.0003672
%RSD	155.2256	451.0589	59.95838	31.28245	15.49183	71.89497	142.9933

#1	.0016451	-.001601	-.000332	.0015526	-.001637	-.005616	.0000017
#2	.0008609	-.000495	-.001349	.0026878	-.002240	-.022437	.0000910
#3	-.000455	.001169	-.000865	.0029759	-.002011	-.009041	.0006777

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	-.000057	.0066419	.0004547	.0000442	.0019605	.0148597
Stddev	.000087	.000079	.0054032	.0001444	.0003048	.0006773	.0053886
%RSD	607.6175	138.8723	81.35080	31.74793	689.0430	34.54618	36.26305

#1	-.000092	-.000097	.0035845	.0004597	-.000264	.0023756	.0092714
#2	-.000031	.000034	.0034606	.0005965	.000345	.0023269	.0200234
#3	.000080	-.000107	.0128806	.0003079	.000051	.0011789	.0152842

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000079	-.014197	-.000344	-.000410	.4169155	-.000947	-.000010
Stddev	.000187	.024069	.000154	.000308	.1779004	.002601	.000928
%RSD	236.0381	169.5397	44.67184	75.21500	42.67061	274.7393	9642.006

#1	.000135	-.041506	-.000197	-.000744	.5924953	-.002295	-.000888
#2	-.000169	-.005017	-.000330	-.000136	.4214694	-.002597	-.000102
#3	-.000204	.003931	-.000504	-.000350	.2367819	.002052	.000961

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.345203	.0015895	-.004191	.0002269	-.000037	-.000583	-.001410
Stddev	.093439	.0016479	.000133	.0000570	.001923	.000133	.000372
%RSD	27.06768	103.6680	3.161971	25.12462	5210.393	22.87991	26.39680

#1	-.390814	.0012613	-.004220	.0002924	-.000953	-.000659	-.001021
#2	-.407077	.0033768	-.004307	.0002002	.002173	-.000660	-.001446
#3	-.237719	.0001305	-.004047	.0001881	-.001331	-.000429	-.001763

Sample Name: PB121583BL Acquired: 07/25/2019 16:23:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW583 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0018830	-.002960	-.000081
Stddev	.0010729	.000424	.000031
%RSD	56.97654	14.32128	37.87556

#1	.0031215	-.002539	-.000115
#2	.0012926	-.003386	-.000056
#3	.0012351	-.002955	-.000071

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1527.527	2511.370	31109.92	5199.552	2765.476
Stddev	.426	9.673	143.11	8.360	10.526
%RSD	.0278899	.3851819	.4600067	.1607788	.3806320

#1	1527.738	2511.145	31002.00	5199.212	2766.663
#2	1527.805	2501.812	31272.26	5208.077	2754.406
#3	1527.036	2521.155	31055.51	5191.368	2775.358

Sample Name: K3824-11 Acquired: 07/25/2019 16:32:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52Q2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0252861	.0037818	.0055265	.0021048	-.005126	.0069441	.0353345
Stddev	.0025842	.0032196	.0014364	.0008104	.000635	.0178759	.0004161
%RSD	10.21987	85.13609	25.99104	38.50386	12.38047	257.4278	1.177715

#1	.0247858	.0070685	.0045759	.0011830	-.004685	.0003426	.0349672
#2	.0280839	.0006338	.0071789	.0027055	-.004840	.0271819	.0352498
#3	.0229887	.0036429	.0048248	.0024258	-.005854	-.006692	.0357864

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002004	-.000253	41.30881	.0006001	.0000424	-.000385	3.318719
Stddev	.0000693	.000095	.08722	.0008241	.0001018	.001340	.006632
%RSD	34.57786	37.58653	.2111480	137.3377	240.2944	347.8727	.1998343

#1	.0002194	-.000147	41.23659	.0003979	-.000067	-.001929	3.324280
#2	.0001235	-.000332	41.28412	.0015065	.000134	.000474	3.311379
#3	.0002581	-.000279	41.40571	-.000104	.000061	.000299	3.320497

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1446636	11.90435	.0011033	-.000406	145.4081	.0007676	.0026762
Stddev	.0003538	.04099	.0002336	.000265	.7693	.0026597	.0000482
%RSD	.2445414	.3443468	21.17311	65.18137	.5290598	346.4936	1.800232

#1	.1444194	11.88700	.0012369	-.000101	145.1343	.0006030	.0026542
#2	.1450693	11.87488	.0008336	-.000576	146.2768	.0035057	.0026430
#3	.1445022	11.95116	.0012394	-.000542	144.8131	-.001806	.0027315

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.888767	.0921963	.0205770	.0001284	1.327146	4.214350	-.002208
Stddev	.034796	.0011135	.0006350	.0003833	.003312	.043257	.000396
%RSD	1.204541	1.207784	3.086160	298.4462	.2495960	1.026423	17.91969

#1	2.863095	.0932315	.0212862	.0005339	1.329571	4.190768	-.001794
#2	2.874834	.0923392	.0200609	-.000228	1.323372	4.188008	-.002248
#3	2.928370	.0910182	.0203841	.000079	1.328495	4.264274	-.002583

Sample Name: K3824-11 Acquired: 07/25/2019 16:32:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52Q2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0031260	.0185054	.2410326
Stddev	.0005098	.0005922	.0008564
%RSD	16.30775	3.200013	.3552978

#1	.0033589	.0180286	.2411102
#2	.0025414	.0191683	.2401401
#3	.0034778	.0183193	.2418476

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1641.414	2723.507	33349.72	5553.834	3053.115
Stddev	12.686	6.812	115.64	30.983	3.674
%RSD	.7728791	.2501094	.3467577	.5578676	.1203507

#1	1649.018	2730.680	33244.12	5586.346	3057.124
#2	1626.769	2722.714	33331.74	5550.510	3052.313
#3	1648.455	2717.126	33473.30	5524.648	3049.908

Sample Name: K3824-12 Acquired: 07/25/2019 16:36:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52Q2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243983	.0043547	.0072068	.0017748	-.004402	.0154727	.0349488
Stddev	.0008609	.0001168	.0019297	.0006041	.001627	.0095026	.0007299
%RSD	3.528672	2.683281	26.77614	34.03712	36.96071	61.41520	2.088485

#1	.0238641	.0044839	.0092785	.0024019	-.004593	.0202650	.0352920
#2	.0253915	.0043240	.0068814	.0017258	-.002688	.0045282	.0341106
#3	.0239393	.0042563	.0054604	.0011967	-.005926	.0216249	.0354439

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002064	-.000262	41.04895	.0007123	.0000150	.0007573	3.284397
Stddev	.0000068	.000050	.32746	.0003843	.0001527	.0018202	.003492
%RSD	3.289364	19.28201	.7977417	53.95024	1018.324	240.3730	.1063316

#1	.0002058	-.000310	41.41474	.0005240	.0000614	.0001588	3.285275
#2	.0001999	-.000209	40.94898	.0004585	.0001391	.0028014	3.280549
#3	.0002135	-.000266	40.78312	.0011545	-.000156	-.000688	3.287366

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1433872	11.87573	.0011411	-.000672	144.7121	.0009047	.0025759
Stddev	.0010528	.08816	.0004798	.000370	.7474	.0032237	.0009605
%RSD	.7342040	.7423158	42.05194	55.06574	.5164509	356.3208	37.28768

#1	.1446014	11.96750	.0012784	-.000997	145.5074	-.002386	.0015246
#2	.1428317	11.79170	.0006076	-.000269	144.6044	.004057	.0034075
#3	.1427286	11.86799	.0015373	-.000751	144.0244	.001043	.0027957

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.965286	.0935061	.0200181	-.000071	1.338188	4.191536	-.002959
Stddev	.079541	.0030572	.0006434	.000318	.013693	.037177	.001758
%RSD	2.682404	3.269490	3.213851	447.2233	1.023257	.8869547	59.42260

#1	2.918034	.0964967	.0197217	.000293	1.336188	4.228474	-.003227
#2	3.057119	.0936353	.0195764	-.000211	1.325605	4.192010	-.004568
#3	2.920705	.0903864	.0207562	-.000296	1.352771	4.154124	-.001082

Sample Name: K3824-12 Acquired: 07/25/2019 16:36:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52Q2D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0029098	.0184333	.2416484
Stddev	.0007168	.0000988	.0008234
%RSD	24.63498	.5358524	.3407521

#1	.0020852	.0185473	.2423733
#2	.0032594	.0183775	.2418187
#3	.0033847	.0183749	.2407531

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1651.237	2717.363	33262.10	5583.174	3043.149
Stddev	5.892	4.671	190.49	45.622	2.183
%RSD	.3568037	.1718987	.5727071	.8171289	.0717476

#1	1646.039	2719.745	33044.31	5536.360	3043.402
#2	1657.637	2711.981	33397.71	5585.659	3045.195
#3	1650.035	2720.363	33344.29	5627.502	3040.851

Sample Name: K3824-13 Acquired: 07/25/2019 16:40:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52Q2S Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0629163	.0547426	.0277328	.0572091	.0951254	1.974596	2.095279
Stddev	.0002057	.0027453	.0019063	.0003642	.0017642	.018143	.017538
%RSD	.3269861	5.014950	6.873909	.6366495	1.854558	.9188116	.8370224

#1	.0629247	.0552025	.0287171	.0569498	.0970761	1.955371	2.080605
#2	.0631177	.0517964	.0289458	.0576255	.0946580	1.977000	2.090530
#3	.0627065	.0572290	.0255355	.0570520	.0936419	1.991417	2.114702

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0543569	.0519387	40.95823	.2073701	.5170275	.2120380	4.340868
Stddev	.0002713	.0000919	.18667	.0006106	.0004499	.0018718	.028695
%RSD	.4990828	.1769487	.4557580	.2944280	.0870248	.8827865	.6610433

#1	.0544407	.0520038	40.77810	.2068494	.5174891	.2122854	4.317841
#2	.0545764	.0518336	40.94577	.2072187	.5165902	.2100547	4.331748
#3	.0540536	.0519787	41.15082	.2080421	.5170031	.2137738	4.373015

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6617023	11.79106	.5293154	.0510573	143.4681	.5230705	.4716032
Stddev	.0049217	.05664	.0005994	.0003434	.4032	.0052550	.0081000
%RSD	.7437966	.4804006	.1132322	.6725287	.2810362	1.004655	1.717541

#1	.6583986	11.79724	.5294140	.0514480	143.1705	.5229323	.4723636
#2	.6593495	11.73158	.5298594	.0508037	143.3070	.5178859	.4631499
#3	.6673588	11.84437	.5286729	.0509200	143.9270	.5283932	.4792962

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.968776	.0941509	.0208611	.0002969	1.319415	4.194066	.1094300
Stddev	.055671	.0027537	.0013223	.0002963	.004627	.010049	.0031339
%RSD	1.875207	2.924762	6.338436	99.76931	.3506911	.2396058	2.863841

#1	2.955679	.0938966	.0193947	.0006130	1.315540	4.199351	.1068237
#2	2.920822	.0970229	.0212261	.0000255	1.318167	4.200369	.1129073
#3	3.029828	.0915332	.0219626	.0002523	1.324538	4.182477	.1085592

Sample Name: K3824-13 Acquired: 07/25/2019 16:40:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52Q2S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0034607	.0168334	.2406877
Stddev	.0010943	.0013153	.0006625
%RSD	31.62036	7.813730	.2752411

#1	.0032981	.0156082	.2402393
#2	.0024569	.0166687	.2414486
#3	.0046273	.0182233	.2403752

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.644	2707.730	33076.66	5502.738	3034.595
Stddev	8.162	2.582	170.72	2.488	5.784
%RSD	.5024050	.0953559	.5161283	.0452162	.1905942

#1	1624.737	2704.926	33014.50	5502.266	3028.858
#2	1632.759	2710.009	33269.75	5500.519	3034.505
#3	1616.435	2708.255	32945.73	5505.428	3040.424

Sample Name: K3769-15 Acquired: 07/25/2019 16:48:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52M1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039494	.0039524	.0070090	.0009959	-.004439	.0351637	.0242312
Stddev	.0008026	.0018535	.0007683	.0006008	.002148	.0050553	.0005592
%RSD	20.32196	46.89605	10.96199	60.32641	48.38371	14.37645	2.307572

#1	.0035082	.0037663	.0074198	.0010188	-.005876	.0293269	.0247904
#2	.0034642	.0058918	.0074846	.0015850	-.001970	.0380162	.0242312
#3	.0048758	.0021989	.0061226	.0003840	-.005471	.0381482	.0236721

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002306	-.000107	17.14621	.0159398	.0006019	.0163225	.2783272
Stddev	.0000676	.000037	.06043	.0003638	.0003262	.0021890	.0104009
%RSD	29.29296	34.55450	.3524442	2.282306	54.19855	13.41110	3.736914

#1	.0001720	-.000079	17.09059	.0159652	.0002771	.0186652	.2878932
#2	.0003045	-.000094	17.21051	.0155640	.0005990	.0143292	.2798327
#3	.0002154	-.000149	17.13752	.0162902	.0009294	.0159732	.2672556

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3213465	2.757999	.0045006	-.000510	74.31315	-.001882	.0083246
Stddev	.0008529	.028350	.0003964	.000492	.24173	.003466	.0011756
%RSD	.2654140	1.027906	8.808202	96.35278	.3252832	184.2175	14.12184

#1	.3213245	2.737939	.0041900	-.000143	74.26000	-.004049	.0083690
#2	.3222102	2.790432	.0043648	-.000320	74.57703	.002116	.0094774
#3	.3205048	2.745627	.0049471	-.001069	74.10242	-.003712	.0071274

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.259893	.0094847	.0297897	.0009834	3.171438	4.927041	-.002104
Stddev	.089244	.0015011	.0006402	.0001567	.004202	.036824	.000256
%RSD	7.083460	15.82612	2.149229	15.93159	.1325089	.7473891	12.14345

#1	1.340311	.0077526	.0291794	.0010490	3.171049	4.887422	-.002397
#2	1.275488	.0102957	.0304562	.0010967	3.175822	4.933481	-.001989
#3	1.163879	.0104058	.0297336	.0008046	3.167444	4.960220	-.001927

Sample Name: K3769-15 Acquired: 07/25/2019 16:48:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52M1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016728	.0129308	.1002186
Stddev	.0009771	.0012149	.0004722
%RSD	58.41016	9.395729	.4711319

#1	.0010961	.0122196	.1002903
#2	.0028010	.0122392	.0997147
#3	.0011213	.0143337	.1006508

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1665.547	2732.431	33597.46	5572.172	3047.766
Stddev	1.467	5.673	45.44	33.839	2.217
%RSD	.0880816	.2076206	.1352484	.6072844	.0727569

#1	1664.274	2735.726	33618.77	5608.285	3047.902
#2	1667.151	2735.687	33545.28	5567.037	3049.913
#3	1665.215	2725.881	33628.32	5541.194	3045.485

Sample Name: K3824-11LX5 Acquired: 07/25/2019 16:44:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52Q2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051332	.0008632	.0021182	.0011016	-.003553	-.013361	.0074989
Stddev	.0046356	.0011883	.0003235	.0017896	.000566	.005395	.0003767
%RSD	90.30690	137.6669	15.27433	162.4578	15.94185	40.37660	5.023243

#1	.0104779	.0007521	.0024690	.0025127	-.002904	-.012972	.0079178
#2	.0022073	-.000266	.0018315	-.000911	-.003946	-.008171	.0073908
#3	.0027143	.002103	.0020542	.001703	-.003810	-.018940	.0071880

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001625	-.000118	8.532357	-.000208	.0000370	.0040028	.6966997
Stddev	.0000952	.000108	.093649	.000070	.0003367	.0034059	.0074324
%RSD	58.61546	91.52539	1.097573	33.52574	910.1305	85.08839	1.066804

#1	.0000544	-.000242	8.540967	-.000204	.0001991	.0009580	.6909919
#2	.0002340	-.000061	8.434700	-.000140	.0002620	.0076809	.6940033
#3	.0001991	-.000050	8.621403	-.000279	-.000350	.0033696	.7051040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0300650	2.419341	.0001862	-.000493	29.92910	-.000595	.0016014
Stddev	.0002210	.045217	.0001907	.000505	.19757	.002677	.0010515
%RSD	.7350695	1.868988	102.3817	102.2566	.6601288	450.1819	65.66306

#1	.0301301	2.447289	.0003670	.000074	29.84234	-.002376	.0012259
#2	.0298187	2.367173	.0002047	-.000663	30.15520	-.001893	.0027891
#3	.0302461	2.443561	-.000013	-.000891	29.78975	.002484	.0007892

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3869626	.0178559	-.001395	.0003162	.2656637	.8463399	-.001808
Stddev	.0839663	.0010636	.001313	.0001283	.0021499	.0139004	.001606
%RSD	21.69881	5.956532	94.11478	40.57679	.8092739	1.642419	88.85724

#1	.2970606	.0189616	-.001792	.0003430	.2676932	.8475370	-.000381
#2	.4633549	.0177662	-.002463	.0004291	.2658871	.8318796	-.001494
#3	.4004723	.0168401	.000071	.0001767	.2634108	.8596031	-.003547

Sample Name: K3824-11LX5 Acquired: 07/25/2019 16:44:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52Q2L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0028186	.0020776	.0503293
Stddev	.0012525	.0002979	.0003100
%RSD	44.43711	14.33608	.6159264

#1	.0019397	.0021959	.0502409
#2	.0022635	.0022982	.0500732
#3	.0042528	.0017388	.0506739

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1544.309	2553.865	31528.96	5320.688	2869.347
Stddev	8.873	9.720	161.09	66.949	4.294
%RSD	.5745650	.3805840	.5109229	1.258282	.1496509

#1	1543.238	2543.253	31487.86	5311.855	2865.879
#2	1536.020	2556.008	31392.41	5391.615	2874.150
#3	1553.669	2562.334	31706.62	5258.593	2868.012

Sample Name: K3769-16 Acquired: 07/25/2019 16:52:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52M1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055988	.0047941	.0058570	-.000915	-.004237	.0291060	.0241714
Stddev	.0008512	.0019846	.0010159	.001235	.000999	.0089160	.0003793
%RSD	15.20262	41.39764	17.34426	134.9944	23.57492	30.63299	1.569227

#1	.0064317	.0070519	.0046961	-.001989	-.004432	.0213463	.0245967
#2	.0056341	.0040051	.0062916	-.001188	-.005124	.0388455	.0240496
#3	.0047305	.0033252	.0065832	.000434	-.003155	.0271262	.0238680

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001371	-.000188	17.13727	.0165412	.0005143	.0140955	.2761177
Stddev	.0000760	.000019	.14275	.0001958	.0000489	.0009558	.0025197
%RSD	55.39727	10.20884	.8329638	1.183540	9.511895	6.781008	.9125489

#1	.0000655	-.000168	17.28979	.0167164	.0005263	.0144625	.2747415
#2	.0002168	-.000206	17.00688	.0165773	.0005560	.0130105	.2745858
#3	.0001292	-.000192	17.11514	.0163299	.0004605	.0148134	.2790258

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3216183	2.795565	.0042038	-.000395	74.04766	.0002091	.0092665
Stddev	.0025788	.023281	.0003836	.000136	.49112	.0012888	.0002035
%RSD	.8018116	.8327822	9.124544	34.40224	.6632522	616.4749	2.196476

#1	.3245179	2.818951	.0038056	-.000430	73.84668	-.001209	.0090655
#2	.3207552	2.795355	.0042348	-.000510	73.68891	.001308	.0094725
#3	.3195817	2.772390	.0045709	-.000245	74.60740	.000528	.0092615

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.238479	.0103117	.0292454	.0009982	3.175810	4.902838	-.003257
Stddev	.028688	.0006878	.0001928	.0003805	.014307	.070872	.001280
%RSD	2.316357	6.669871	.6590761	38.11916	.4504877	1.445532	39.30035

#1	1.271137	.0097778	.0292191	.0007067	3.162738	4.984354	-.004726
#2	1.226952	.0100694	.0290671	.0014286	3.173598	4.855815	-.002387
#3	1.217348	.0110878	.0294499	.0008592	3.191094	4.868345	-.002657

Sample Name: K3769-16 Acquired: 07/25/2019 16:52:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52M1D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0025468	.0151896	.1001683
Stddev	.0016645	.0016009	.0003877
%RSD	65.35470	10.53971	.3870534

#1	.0040537	.0133461	.1003533
#2	.0007602	.0159926	.1004289
#3	.0028266	.0162301	.0997227

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1643.649	2723.734	33378.56	5537.693	3041.033
Stddev	3.132	1.574	59.84	65.141	1.654
%RSD	.1905600	.0577725	.1792862	1.176328	.0543979

#1	1645.411	2724.423	33415.69	5472.342	3040.864
#2	1645.503	2721.933	33410.47	5602.622	3039.469
#3	1640.032	2724.845	33309.53	5538.115	3042.765

Sample Name: K3769-17 Acquired: 07/25/2019 16:56:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52M1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0438532	.0535033	.0270015	.0526485	.0947799	1.998404	2.109229
Stddev	.0021731	.0001359	.0016133	.0010871	.0010747	.021496	.026833
%RSD	4.955306	.2539760	5.974813	2.064801	1.133890	1.075638	1.272154

#1	.0424188	.0534443	.0271658	.0518027	.0938241	1.987851	2.086530
#2	.0427874	.0536587	.0285263	.0522682	.0945724	2.023137	2.138842
#3	.0463534	.0534068	.0253123	.0538747	.0959432	1.984224	2.102315

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0541242	.0533285	16.86501	.2255512	.5229559	.2316633	1.342573
Stddev	.0005859	.0002739	.28546	.0004391	.0014867	.0006110	.014797
%RSD	1.082565	.5136854	1.692645	.1946705	.2842947	.2637622	1.102166

#1	.0536269	.0534037	16.58933	.2251327	.5225994	.2315945	1.332271
#2	.0547701	.0530248	17.15934	.2260083	.5216799	.2310896	1.359529
#3	.0539756	.0535570	16.84637	.2255126	.5245885	.2323058	1.335918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8387089	2.763514	.5399288	.0508335	73.28937	.5270392	.4807049
Stddev	.0121374	.040826	.0005886	.0003990	.97247	.0037748	.0023189
%RSD	1.447159	1.477325	.1090072	.7848393	1.326892	.7162234	.4823910

#1	.8281928	2.717733	.5397598	.0504386	72.34389	.5227467	.4783277
#2	.8519904	2.796142	.5394432	.0508253	74.28675	.5285295	.4829607
#3	.8359436	2.776668	.5405833	.0512364	73.23749	.5298412	.4808263

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.198083	.0126065	.0310009	.0005865	3.127269	4.851447	.1059916
Stddev	.064195	.0014088	.0001534	.0001637	.021568	.051218	.0008791
%RSD	5.358110	11.17517	.4946811	27.91266	.6896672	1.055728	.8294076

#1	1.262341	.0111176	.0311302	.0007736	3.122596	4.807823	.1069132
#2	1.133952	.0139185	.0310410	.0005156	3.108421	4.907842	.1051623
#3	1.197955	.0127833	.0308315	.0004701	3.150790	4.838676	.1058993

Sample Name: K3769-17 Acquired: 07/25/2019 16:56:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52M1S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016337	.0147699	.0985913
Stddev	.0006559	.0010265	.0001237
%RSD	40.14938	6.949744	.1255082

#1	.0010194	.0159550	.0987241
#2	.0023245	.0141604	.0984793
#3	.0015572	.0141943	.0985706

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1644.582	2715.475	33454.87	5572.318	3028.637
Stddev	6.786	1.038	161.94	39.544	4.945
%RSD	.4126200	.0382161	.4840469	.7096519	.1632726

#1	1639.497	2716.553	33444.88	5603.872	3023.621
#2	1652.287	2715.391	33621.56	5527.958	3033.508
#3	1641.962	2714.482	33298.15	5585.125	3028.782

Sample Name: K3769-15LX5 Acquired: 07/25/2019 17:00:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52M1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015167	.0011186	.0011651	.0020566	-.000954	-.005191	.0054576
Stddev	.0029492	.0014119	.0018510	.0018059	.000983	.004393	.0004172
%RSD	194.4525	126.2148	158.8708	87.80968	103.0210	84.62905	7.643752

#1	-.001330	.0001482	.0019489	.0039612	-.000451	-.009297	.0059026
#2	.001321	.0004694	-.000949	.0018394	-.000324	-.000559	.0053948
#3	.004559	.0027384	.002495	.0003691	-.002086	-.005717	.0050754

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000528	-.000070	3.496582	.0036360	.0003957	.0049085	.0684824
Stddev	.0000720	.000043	.020961	.0000714	.0000768	.0017177	.0023057
%RSD	136.4178	61.13071	.5994668	1.964048	19.40044	34.99501	3.366887

#1	-.000030	-.000037	3.520538	.0035578	.0004841	.0036712	.0663205
#2	.000090	-.000118	3.487593	.0036978	.0003457	.0068697	.0682177
#3	.000098	-.000054	3.481614	.0036524	.0003572	.0041846	.0709091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0656106	.5774911	.0010362	-.000002	15.63344	-.002601	.0016982
Stddev	.0006307	.0107819	.0003974	.000165	.33450	.004171	.0021691
%RSD	.9612769	1.867016	38.35030	7198.769	2.139670	160.3480	127.7299

#1	.0660130	.5793503	.0005784	.000186	15.88517	-.005683	.0038618
#2	.0659352	.5872225	.0012917	-.000124	15.25387	.002145	-.000476
#3	.0648838	.5659006	.0012386	-.000068	15.76128	-.004265	.001709

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.032016	.0033690	-.000190	.0003022	.6243131	.9806026	-.002964
Stddev	.060838	.0031192	.000649	.0000877	.0062552	.0023940	.000520
%RSD	190.0223	92.58480	341.8049	29.00859	1.001931	.2441346	17.55021

#1	-.083765	.0069682	-.000069	.0003404	.6225802	.9795972	-.002721
#2	-.047285	.0016861	-.000891	.0003643	.6191070	.9833354	-.002609
#3	.035002	.0014527	.000390	.0002019	.6312520	.9788753	-.003561

Sample Name: K3769-15LX5 Acquired: 07/25/2019 17:00:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52M1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021174	-.001085	.0205075
Stddev	.0006963	.000283	.0001211
%RSD	32.88612	26.08249	.5906902

#1	.0013202	-.001411	.0203692
#2	.0024253	-.000905	.0205949
#3	.0026066	-.000939	.0205584

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1539.149	2547.856	31625.59	5315.050	2848.840
Stddev	14.364	2.308	147.50	44.600	2.051
%RSD	.9332141	.0905902	.4663937	.8391341	.0719896

#1	1522.597	2550.449	31533.25	5275.800	2847.650
#2	1546.516	2546.027	31547.81	5305.799	2851.208
#3	1548.335	2547.091	31795.70	5363.550	2847.662

Sample Name: K3824-02 Acquired: 07/25/2019 17:04:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52R5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105119	.0007109	.0067482	.0037043	-.005807	.3864929	.0133868
Stddev	.0015056	.0007450	.0015011	.0005892	.001449	.0055817	.0003718
%RSD	14.32295	104.8096	22.24488	15.90509	24.95582	1.444188	2.777387

#1	.0122097	.0003205	.0069996	.0040805	-.005368	.3808486	.0133957
#2	.0099875	.0002421	.0081078	.0030253	-.007425	.3920098	.0137540
#3	.0093387	.0015700	.0051373	.0040071	-.004628	.3866204	.0130106

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002657	-.000284	27.18697	.0025943	.0016781	.0003837	3.092206
Stddev	.0000330	.000064	.25984	.0001938	.0002196	.0012106	.015667
%RSD	12.40067	22.65194	.9557598	7.470595	13.08818	315.5148	.5066526

#1	.0003005	-.000334	27.46915	.0028178	.0017574	.0016627	3.099551
#2	.0002616	-.000211	26.95756	.0024729	.0014298	.0002326	3.074216
#3	.0002350	-.000307	27.13421	.0024921	.0018470	-.000744	3.102851

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1689744	14.75599	.0030777	-.000420	42.49267	-.001318	.0036059
Stddev	.0011650	.07687	.0006685	.000468	.69273	.002283	.0003587
%RSD	.6894394	.5209282	21.72117	111.4056	1.630228	173.1885	9.947623

#1	.1698616	14.82095	.0038485	-.000727	43.26694	.000533	.0038170
#2	.1694064	14.67113	.0026564	.000119	41.93161	-.000619	.0038090
#3	.1676551	14.77591	.0027283	-.000653	42.27947	-.003870	.0031918

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.02066	.0194237	.0323504	.0000830	3.311709	4.694530	-.000155
Stddev	.04710	.0002864	.0002427	.0004156	.018329	.024300	.000788
%RSD	4.614734	1.474655	.7502624	500.5346	.5534704	.5176199	507.2550

#1	-1.04383	.0195142	.0321008	.0003078	3.325784	4.714736	-.000500
#2	-1.05170	.0191029	.0325856	-.000397	3.290983	4.667566	-.000712
#3	-.96647	.0196539	.0323648	.000338	3.318360	4.701287	.000746

Sample Name: K3824-02 Acquired: 07/25/2019 17:04:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52R5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0205560	-.008200	.1090454
Stddev	.0003686	.001167	.0002240
%RSD	1.792940	14.23092	.2054185

#1	.0206459	-.006853	.1090626
#2	.0201509	-.008914	.1092603
#3	.0208714	-.008833	.1088133

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1653.065	2724.259	33726.47	5558.534	3024.867
Stddev	4.998	3.727	125.42	22.233	4.587
%RSD	.3023521	.1368036	.3718730	.3999723	.1516318

#1	1658.830	2727.156	33598.22	5547.224	3025.105
#2	1650.410	2725.566	33848.85	5584.148	3029.331
#3	1649.954	2720.055	33732.34	5544.230	3020.167

Sample Name: K3824-04 Acquired: 07/25/2019 17:12:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52K6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075574	.0017675	.0096497	.0012679	-.004082	.0153935	.0450261
Stddev	.0025013	.0020484	.0018240	.0013712	.000742	.0117737	.0009690
%RSD	33.09750	115.8889	18.90180	108.1484	18.17082	76.48494	2.152189

#1	.0102696	-.000509	.0088307	.0003772	-.004841	.0091562	.0455370
#2	.0053412	.003462	.0117397	.0005796	-.003359	.0080507	.0439085
#3	.0070615	.002349	.0083789	.0028470	-.004044	.0289736	.0456327

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001293	-.000199	28.01838	.0024225	.0006193	.0046081	1.510988
Stddev	.0000526	.000066	.17593	.0004756	.0000975	.0025534	.005337
%RSD	40.68950	33.09609	.6279134	19.63410	15.75151	55.41212	.3531965

#1	.0001438	-.000165	28.19181	.0029486	.0006161	.0017374	1.515205
#2	.0000710	-.000157	27.84005	.0022959	.0007184	.0066260	1.504988
#3	.0001732	-.000275	28.02326	.0020229	.0005234	.0054609	1.512771

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.125210	3.938393	.0034270	-.000546	166.2287	-.000783	.0068987
Stddev	.006262	.029245	.0003397	.000076	1.0731	.001336	.0010105
%RSD	.5565371	.7425556	9.912154	13.86950	.6455437	170.7444	14.64742

#1	1.131459	3.944224	.0033781	-.000503	167.3758	-.001914	.0076480
#2	1.118935	3.964284	.0031144	-.000633	165.2495	-.001125	.0057494
#3	1.125238	3.906673	.0037885	-.000501	166.0607	.000692	.0072986

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.896263	.0132363	.0717150	-.000246	3.830526	7.256083	-.002519
Stddev	.040269	.0020151	.0004827	.000307	.008067	.038367	.001192
%RSD	1.390363	15.22389	.6730184	125.0985	.2105959	.5287549	47.31094

#1	2.900714	.0150228	.0722720	-.000086	3.838994	7.217776	-.003066
#2	2.934122	.0136341	.0714217	-.000600	3.829652	7.294509	-.001152
#3	2.853954	.0110520	.0714512	-.000051	3.822932	7.255966	-.003339

Sample Name: K3824-04 Acquired: 07/25/2019 17:12:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52K6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008360	.0028800	.1654016
Stddev	.0005456	.0004629	.0002191
%RSD	65.26654	16.07344	.1324503

#1	.0007161	.0031619	.1651859
#2	.0014315	.0031323	.1656239
#3	.0003603	.0023457	.1653949

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1652.228	2700.164	33541.22	5614.065	3038.072
Stddev	12.018	5.307	233.34	21.133	.631
%RSD	.7273903	.1965302	.6956664	.3764229	.0207610

#1	1653.507	2705.478	33563.86	5631.900	3037.847
#2	1663.556	2700.151	33762.41	5619.570	3037.584
#3	1639.622	2694.865	33297.39	5590.725	3038.784

Sample Name: K3824-03 Acquired: 07/25/2019 17:08:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52K4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0347754	.0046821	.0497265	.0005775	-.005850	2.089972	.0542470
Stddev	.0008981	.0010212	.0008750	.0013415	.000913	.005125	.0001175
%RSD	2.582588	21.81105	1.759705	232.3169	15.59995	.2452322	.2166086

#1	.0338938	.0035073	.0501994	.0003209	-.005679	2.084054	.0541132
#2	.0347433	.0051810	.0487168	-.000617	-.006836	2.092929	.0543334
#3	.0356892	.0053579	.0502634	.002029	-.005035	2.092933	.0542945

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005257	-.000325	22.49845	.1530475	.0039879	.1296673	19.17675
Stddev	.0000087	.000022	.02610	.0006138	.0001807	.0013380	.01824
%RSD	1.661427	6.708661	.1159894	.4010694	4.531398	1.031880	.0951050

#1	.0005229	-.000347	22.47480	.1536974	.0040834	.1310718	19.15841
#2	.0005355	-.000322	22.49410	.1524776	.0041008	.1295227	19.19489
#3	.0005188	-.000304	22.52644	.1529673	.0037794	.1284075	19.17695

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.002173	3.486220	.0148248	-.001209	96.26691	.0018506	.0352040
Stddev	.002982	.031348	.0001390	.000123	.31034	.0026744	.0007629
%RSD	.1489172	.8991837	.9374483	10.19162	.3223791	144.5188	2.167209

#1	2.000961	3.491638	.0147622	-.001348	96.28243	-.000951	.0352809
#2	1.999988	3.452517	.0149841	-.001113	96.56920	.004377	.0359255
#3	2.005569	3.514505	.0147282	-.001167	95.94910	.002126	.0344055

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.574768	.1951255	.2112039	-.000170	8.397626	10.37674	.0446397
Stddev	.099570	.0007090	.0013178	.000312	.039650	.04536	.0015207
%RSD	2.785360	.3633780	.6239359	183.1274	.4721564	.4371627	3.406688

#1	3.631051	.1958227	.2126576	-.000185	8.351858	10.42731	.0446620
#2	3.633450	.1944052	.2100876	.000149	8.421538	10.36328	.0431079
#3	3.459802	.1951486	.2108666	-.000475	8.419483	10.33962	.0461491

Sample Name: K3824-03 Acquired: 07/25/2019 17:08:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52K4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0783915	-.002220	.1428017
Stddev	.0011371	.002864	.0001116
%RSD	1.450483	129.0191	.0781711

#1	.0788103	-.000545	.1426876
#2	.0792598	-.000588	.1429107
#3	.0771045	-.005527	.1428068

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1633.628	2717.557	33437.61	5643.702	3039.534
Stddev	1.548	1.935	155.50	10.425	3.748
%RSD	.0947431	.0711962	.4650399	.1847230	.1233105

#1	1632.552	2719.133	33615.55	5632.769	3041.041
#2	1632.931	2718.140	33327.86	5644.805	3035.267
#3	1635.402	2715.398	33369.42	5653.532	3042.294

Sample Name: K3824-06 Acquired: 07/25/2019 17:20:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52L2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054115	.0048038	.0092678	.0005527	-.005032	.0372876	.0475294
Stddev	.0008327	.0017018	.0010557	.0003375	.001204	.0118073	.0008967
%RSD	15.38764	35.42539	11.39097	61.07102	23.93456	31.66542	1.886594

#1	.0055738	.0043919	.0082660	.0009237	-.004605	.0501920	.0467486
#2	.0045096	.0033459	.0091673	.0004709	-.006392	.0346460	.0473308
#3	.0061511	.0066738	.0103702	.0002636	-.004099	.0270249	.0485087

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002012	-.000157	33.91644	.0017932	.0010461	.0043428	.7110128
Stddev	.0000717	.000059	.35140	.0003982	.0001412	.0029403	.0089024
%RSD	35.63418	37.39796	1.036067	22.20485	13.49557	67.70478	1.252071

#1	.0001371	-.000093	33.54839	.0013889	.0011142	.0067711	.7007451
#2	.0002787	-.000170	34.24839	.0021850	.0008838	.0051838	.7165747
#3	.0001879	-.000208	33.95253	.0018056	.0011404	.0010737	.7157187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8257128	5.442356	.0068639	-.000386	158.4290	-.000840	.0073121
Stddev	.0066587	.069178	.0000844	.000417	1.2426	.001888	.0013945
%RSD	.8064204	1.271100	1.228959	108.1826	.7843557	224.6603	19.07128

#1	.8187501	5.371489	.0068736	-.000515	157.0059	.000249	.0059344
#2	.8320189	5.509711	.0067751	-.000723	158.9813	.000250	.0087229
#3	.8263693	5.445866	.0069430	.000081	159.2996	-.003021	.0072790

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.419735	.0071643	.0587585	-.000097	5.517133	7.483344	-.002646
Stddev	.042606	.0002341	.0020031	.000219	.019115	.090132	.000983
%RSD	1.245894	3.267152	3.409059	226.6376	.3464706	1.204441	37.15892

#1	3.374934	.0072226	.0565285	.000154	5.504385	7.381404	-.003735
#2	3.424531	.0073636	.0593418	-.000249	5.539112	7.516146	-.001822
#3	3.459740	.0069066	.0604052	-.000196	5.507902	7.552481	-.002383

Sample Name: K3824-06 Acquired: 07/25/2019 17:20:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52L2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0020365	.0422592	.2032980
Stddev	.0008884	.0005225	.0004735
%RSD	43.62440	1.236406	.2329198

#1	.0030603	.0421803	.2028098
#2	.0014671	.0428166	.2033291
#3	.0015823	.0417806	.2037553

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1629.218	2701.728	33191.10	5619.805	3038.992
Stddev	5.183	7.647	184.22	44.604	10.908
%RSD	.3181162	.2830348	.5550332	.7936888	.3589435

#1	1623.234	2709.831	33023.66	5670.892	3051.124
#2	1632.284	2694.638	33161.19	5599.929	3029.993
#3	1632.137	2700.715	33388.45	5588.594	3035.858

Sample Name: K3824-05 Acquired: 07/25/2019 17:16:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52K8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082930	.0042390	.0085240	-.000172	-.004879	.0480187	.0341357
Stddev	.0014334	.0010354	.0006596	.001310	.000840	.0034317	.0005041
%RSD	17.28432	24.42595	7.738046	762.7674	17.22403	7.146491	1.476687

#1	.0066943	.0033599	.0092500	.001083	-.003914	.0516184	.0337081
#2	.0087212	.0053803	.0079616	-.000068	-.005444	.0476534	.0346915
#3	.0094634	.0039768	.0083605	-.001530	-.005281	.0447843	.0340075

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001165	-.000149	20.33782	.0036076	.0004880	.0087652	1.269757
Stddev	.0000266	.000078	.11627	.0001977	.0000843	.0006203	.015442
%RSD	22.85637	52.39611	.5716695	5.479087	17.26670	7.076785	1.216140

#1	.0000860	-.000175	20.26010	.0038355	.0004032	.0092801	1.275820
#2	.0001352	-.000212	20.47148	.0035042	.0005718	.0080766	1.281248
#3	.0001283	-.000062	20.28188	.0034831	.0004891	.0089390	1.252204

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6656665	2.892421	.0040435	-.000277	115.6710	.0004117	.0094974
Stddev	.0023416	.030457	.0005316	.000368	.6279	.0017627	.0013137
%RSD	.3517648	1.052979	13.14647	132.8564	.5428031	428.1298	13.83226

#1	.6658874	2.913024	.0043024	.000062	115.7666	.0022225	.0105910
#2	.6678898	2.906802	.0034321	-.000668	116.2457	.0003111	.0080402
#3	.6632223	2.857437	.0043961	-.000225	115.0009	-.001299	.0098611

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.870979	.0152668	.0526178	-.000028	2.957715	6.204828	-.002600
Stddev	.058473	.0018915	.0004270	.000217	.014823	.060157	.000062
%RSD	3.125255	12.38942	.8115556	788.5622	.5011482	.9695200	2.401261

#1	1.925617	.0136778	.0530307	-.000244	2.959167	6.249711	-.002532
#2	1.809307	.0147636	.0526449	-.000028	2.971759	6.136473	-.002654
#3	1.878011	.0173590	.0521779	.000190	2.942221	6.228300	-.002615

Sample Name: K3824-05 Acquired: 07/25/2019 17:16:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52K8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019194	.0057396	.1206297
Stddev	.0014221	.0005444	.0002154
%RSD	74.09282	9.485086	.1785460

#1	.0005450	.0051143	.1207947
#2	.0018283	.0059966	.1207083
#3	.0033848	.0061080	.1203860

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1637.096	2718.030	33461.48	5545.619	3043.324
Stddev	15.383	2.804	200.22	14.933	2.730
%RSD	.9396606	.1031476	.5983538	.2692693	.0896913

#1	1648.876	2715.815	33683.78	5559.191	3046.427
#2	1619.692	2721.182	33295.33	5548.045	3042.248
#3	1642.719	2717.094	33405.33	5529.622	3041.296

Sample Name: K3824-08 Acquired: 07/25/2019 17:28:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52L8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074506	.0029748	.0092462	.0011561	-.004120	.0198680	.0453622
Stddev	.0024100	.0008993	.0007441	.0014479	.001172	.0043746	.0003492
%RSD	32.34618	30.23029	8.047484	125.2447	28.44352	22.01826	.7698428

#1	.0071544	.0028673	.0097653	-.000279	-.004241	.0172040	.0454614
#2	.0099949	.0039229	.0083937	.002617	-.005227	.0249168	.0456511
#3	.0052024	.0021341	.0095795	.001131	-.002892	.0174833	.0449741

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001451	-.000086	28.26278	.0024688	.0007112	.0066255	1.632818
Stddev	.0000657	.000050	.12702	.0001804	.0002599	.0017860	.010922
%RSD	45.30519	58.56223	.4494170	7.307066	36.54304	26.95609	.6689139

#1	.0002115	-.000085	28.40907	.0026754	.0007939	.0086683	1.620584
#2	.0001438	-.000036	28.19875	.0023428	.0004201	.0053592	1.641589
#3	.0000800	-.000136	28.18051	.0023881	.0009198	.0058491	1.636281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.134753	3.923944	.0037116	-.000344	165.8660	.0012096	.0080113
Stddev	.002214	.051928	.0001059	.000195	.6493	.0013427	.0001518
%RSD	.1950989	1.323363	2.853984	56.50394	.3914533	111.0013	1.894985

#1	1.137035	3.978905	.0037265	-.000158	165.9340	-.000271	.0080682
#2	1.134611	3.875704	.0038094	-.000546	166.4786	.002348	.0081265
#3	1.132614	3.917221	.0035991	-.000328	165.1853	.001551	.0078393

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.991498	.0128855	.0711272	-.000078	3.819729	7.267815	-.003213
Stddev	.059863	.0011804	.0008226	.000645	.013698	.047920	.000167
%RSD	2.001103	9.160601	1.156551	826.5144	.3586230	.6593422	5.209983

#1	2.942743	.0124469	.0713640	.000099	3.827980	7.321870	-.003314
#2	2.973440	.0142224	.0718055	.000460	3.827290	7.251025	-.003304
#3	3.058311	.0119873	.0702122	-.000793	3.803916	7.230549	-.003019

Sample Name: K3824-08 Acquired: 07/25/2019 17:28:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52L8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0022289	.0042474	.1656708
Stddev	.0006419	.0013092	.0005020
%RSD	28.79749	30.82395	.3030419

#1	.0022991	.0027409	.1650967
#2	.0028328	.0048920	.1658881
#3	.0015548	.0051093	.1660277

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1636.743	2712.941	32920.48	5569.907	3051.946
Stddev	15.183	7.109	85.05	26.638	6.196
%RSD	.9276654	.2620424	.2583634	.4782481	.2030344

#1	1648.712	2718.014	32827.90	5540.725	3057.639
#2	1641.852	2715.994	32995.16	5592.917	3045.346
#3	1619.664	2704.815	32938.38	5576.080	3052.853

Sample Name: K3824-07 Acquired: 07/25/2019 17:24:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52L4 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061947	.0029519	.0113558	.0004928	-.004656	.1151182	.0154005
Stddev	.0006889	.0024141	.0013813	.0002800	.001450	.0083230	.0004515
%RSD	11.12082	81.77958	12.16422	56.81895	31.14141	7.229922	2.931996

#1	.0063038	.0001932	.0119720	.0004528	-.005876	.1059561	.0151424
#2	.0068225	.0039852	.0097736	.0007907	-.005038	.1171864	.0151372
#3	.0054577	.0046773	.0123218	.0002350	-.003053	.1222120	.0159219

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001811	-.000112	18.08810	.0329104	.0013516	.0445633	1.982393
Stddev	.0000479	.000086	.23389	.0003679	.0001525	.0007438	.021004
%RSD	26.45768	77.22878	1.293043	1.117944	11.28252	1.669010	1.059541

#1	.0002354	-.000091	17.98394	.0327288	.0014263	.0450914	1.973342
#2	.0001447	-.000038	17.92440	.0333338	.0014523	.0448859	1.967431
#3	.0001632	-.000206	18.35598	.0326685	.0011761	.0437127	2.006405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3834790	3.674612	.0079777	-.000154	13.90082	-.000806	.0114470
Stddev	.0048021	.034314	.0003282	.000238	.20005	.001821	.0004716
%RSD	1.252259	.9338227	4.114395	153.8778	1.439152	225.8127	4.120106

#1	.3812849	3.646394	.0081256	.000108	13.74968	.000628	.0112730
#2	.3801658	3.664633	.0076016	-.000354	14.12768	-.002855	.0119810
#3	.3889863	3.712810	.0082061	-.000218	13.82510	-.000192	.0110872

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.081684	.0187630	.0335770	.0000145	2.197001	9.388064	-.000588
Stddev	.053681	.0010579	.0006116	.0003909	.008251	.193571	.000522
%RSD	4.962718	5.638331	1.821592	2701.283	.3755521	2.061884	88.78642

#1	1.055109	.0198337	.0332016	.0002359	2.201677	9.285776	-.000858
#2	1.046475	.0187371	.0332466	-.000437	2.187474	9.267096	.000014
#3	1.143469	.0177183	.0342828	.000244	2.201851	9.611320	-.000921

Sample Name: K3824-07 Acquired: 07/25/2019 17:24:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52L4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0076120	-.006125	.1124876
Stddev	.0000262	.000856	.0002473
%RSD	.3443078	13.97034	.2198164

#1	.0076208	-.005429	.1122285
#2	.0076327	-.005866	.1127210
#3	.0075825	-.007081	.1125134

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1664.836	2719.349	33821.57	5609.674	2988.033
Stddev	6.925	6.674	57.24	97.630	5.084
%RSD	.4159719	.2454214	.1692401	1.740382	.1701437

#1	1667.502	2725.022	33808.49	5677.592	2988.670
#2	1656.974	2711.996	33772.00	5653.638	2982.661
#3	1670.032	2721.031	33884.21	5497.793	2992.769

Sample Name: PB121583BS Acquired: 07/25/2019 17:37:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS583 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199642	.0513209	.0233873	.0745077	.1218530	.4341282
Stddev	.0015327	.0007187	.0019911	.0019840	.0009322	.0075246
%RSD	7.677272	1.400431	8.513448	2.662851	.7649969	1.733276

#1	.0216880	.0518720	.0229622	.0755630	.1215195	.4294082
#2	.0187552	.0515826	.0216431	.0757410	.1229061	.4428057
#3	.0194493	.0505080	.0255565	.0722190	.1211335	.4301706

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4417038	.0112690	.0111787	11.24954	.0235962	.1089217
Stddev	.0027226	.0001696	.0000452	.09225	.0001170	.0003342
%RSD	.6163875	1.504737	.4044711	.8199927	.4957331	.3068288

#1	.4438670	.0114389	.0111290	11.30293	.0235600	.1086267
#2	.4425978	.0110998	.0112173	11.30266	.0237270	.1088537
#3	.4386466	.0112684	.0111898	11.14302	.0235016	.1092847

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0478713	.2351478	.0349456	10.58279	.0918081	.0218378
Stddev	.0009609	.0097792	.0003756	.04155	.0005126	.0000367
%RSD	2.007336	4.158734	1.074927	.3925972	.5583104	.1681190

#1	.0489535	.2334773	.0353794	10.58423	.0916563	.0218742
#2	.0471179	.2263115	.0347314	10.62360	.0923794	.0218385
#3	.0475424	.2456546	.0347261	10.54054	.0913885	.0218008

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.48079	.1084587	.1215877	10.28330	.0247147	F .0138140
Stddev	.18377	.0020850	.0014061	.01486	.0009991	.0006742
%RSD	1.753429	1.922359	1.156464	.1445097	4.042422	4.880535

#1	10.57806	.1068263	.1207502	10.29753	.0257511	.0143257
#2	10.59549	.1108074	.1232111	10.28450	.0246353	.0130501
#3	10.26883	.1077423	.1208019	10.26788	.0237577	.0140664

Sample Name: PB121583BS Acquired: 07/25/2019 17:37:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS583 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213474	.2067927	.2122590	.0114537	.2222630	F .1077579
Stddev	.0001631	.0010926	.0051478	.0009093	.0005590	.0011826
%RSD	.7640584	.5283707	2.425220	7.939084	.2514891	1.097508

#1	.0215035	.2080387	.2179402	.0123285	.2227753	.1065274
#2	.0211781	.2063417	.2079044	.0115191	.2223467	.1088861
#3	.0213607	.2059978	.2109324	.0105134	.2216669	.1078601

Elem	Sr4077
Units	ppm
Avg	.2179727
Stddev	.0002753
%RSD	.1263152

#1	.2176650
#2	.2180572
#3	.2181958

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1515.773	2509.441	31104.67	5228.424	2817.849
Stddev	2.558	6.286	53.38	36.242	1.394
%RSD	.1687454	.2504813	.1716281	.6931651	.0494675

#1	1517.261	2505.297	31155.83	5191.883	2818.596
#2	1512.820	2516.674	31108.87	5229.031	2818.709
#3	1517.239	2506.354	31049.31	5264.358	2816.241

Sample Name: PB121656BS Acquired: 07/25/2019 17:32:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LCS656 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190384	.0497051	.0228096	.0744037	.1235515	.4209248
Stddev	.0010776	.0015294	.0021488	.0007381	.0018692	.0077301
%RSD	5.660010	3.077013	9.420756	.9920433	1.512868	1.836451

#1	.0186188	.0504591	.0221913	.0750742	.1254624	.4156142
#2	.0202627	.0507112	.0251997	.0745242	.1217270	.4297932
#3	.0182338	.0479451	.0210376	.0736128	.1234650	.4173670

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4452075	.0112153	.0110495	11.33643	.0236269	.1081920
Stddev	.0058884	.0001290	.0001213	.15489	.0004132	.0002751
%RSD	1.322616	1.150538	1.097841	1.366308	1.748837	.2542867

#1	.4399335	.0111006	.0110846	11.16852	.0231752	.1082609
#2	.4441279	.0111902	.0109145	11.36703	.0239859	.1078889
#3	.4515609	.0113550	.0111493	11.47373	.0237196	.1084260

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0505875	.2391255	.0354279	10.55548	.0915450	.0216431
Stddev	.0013292	.0018963	.0003398	.07008	.0008050	.0004511
%RSD	2.627434	.7930090	.9591127	.6638779	.8793618	2.084474

#1	.0496736	.2376948	.0352266	10.48102	.0906720	.0212388
#2	.0499766	.2384054	.0352369	10.56530	.0922581	.0215608
#3	.0521123	.2412764	.0358202	10.62013	.0917049	.0221297

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.85332	.1115455	.1185698	10.25901	.0253922	F .0126134
Stddev	.09692	.0035895	.0014914	.00548	.0026049	.0010284
%RSD	.8929786	3.217978	1.257821	.0533820	10.25877	8.152977

#1	10.88229	.1079962	.1183004	10.25983	.0233865	.0114375
#2	10.93245	.1151739	.1201775	10.26403	.0283363	.0130579
#3	10.74522	.1114662	.1172314	10.25317	.0244538	.0133447

Sample Name: PB121656BS Acquired: 07/25/2019 17:32:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS656 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213247	.2100955	.2125573	.0128568	.2233893	F .1105329
Stddev	.0003477	.0012150	.0037328	.0009280	.0016872	.0026244
%RSD	1.630342	.5783273	1.756125	7.218282	.7552695	2.374274

#1	.0209530	.2091937	.2084057	.0123469	.2216403	.1083846
#2	.0216419	.2096156	.2136296	.0122956	.2250070	.1097561
#3	.0213792	.2114772	.2156365	.0139280	.2235207	.1134580

Elem	Sr4077
Units	ppm
Avg	.2172438
Stddev	.0002868
%RSD	.1320327

#1	.2175490
#2	.2169799
#3	.2172025

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1505.265	2504.168	30848.17	5165.134	2813.518
Stddev	6.429	4.388	125.93	39.111	9.695
%RSD	.4270810	.1752285	.4082138	.7572117	.3445802

#1	1503.737	2500.233	30993.23	5208.813	2805.134
#2	1499.738	2508.900	30766.95	5153.233	2824.134
#3	1512.320	2503.372	30784.32	5133.356	2811.285

Sample Name: CCB028 Acquired: 07/25/2019 17:45:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018800	.0012971	.0021537	.0023562	-.001614	-.003996	.0009530
Stddev	.0022087	.0013264	.0002260	.0018740	.001148	.006942	.0000318
%RSD	117.4846	102.2590	10.49559	79.53675	71.09283	173.7414	3.333812

#1	.0001435	-.000189	.0023916	.0038908	-.002183	-.001005	.0009729
#2	.0011306	.002360	.0019418	.0029101	-.002367	.000950	.0009698
#3	.0043659	.001721	.0021277	.0002676	-.000293	-.011932	.0009164

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000030	-.000040	.0155150	.0002480	.0001352	.0070853	.0256577
Stddev	.000054	.000034	.0083026	.0004695	.0002209	.0026941	.0111020
%RSD	182.1632	85.60750	53.51373	189.2693	163.3905	38.02415	43.26973

#1	.000033	-.000010	.0153038	-.000002	.0003037	.0040461	.0292755
#2	-.000063	-.000077	.0239212	-.000043	-.000115	.0080299	.0344996
#3	-.000059	-.000032	.0073200	.000790	.000217	.0091799	.0131981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009555	.0220431	-.000255	-.000372	.2672828	-.001961	.0010304
Stddev	.0001937	.0182337	.000360	.000115	.1702144	.000458	.0014891
%RSD	20.27076	82.71835	141.4062	30.89094	63.68327	23.36098	144.5140

#1	.0007471	.0187812	-.000402	-.000240	.1471026	-.001454	-.000394
#2	.0011300	.0416875	.000156	-.000443	.1926863	-.002083	.000909
#3	.0009895	.0056605	-.000517	-.000434	.4620595	-.002345	.002577

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.243623	-.000537	.0018842	.0010108	-.003748	-.000130	-.000366
Stddev	.120240	.001398	.0009117	.0004489	.002529	.000269	.000526
%RSD	49.35507	260.3284	48.38641	44.41269	67.45891	207.8512	143.6163

#1	-.246892	-.001853	.0026539	.0015143	-.004749	.000173	-.000221
#2	-.121781	-.000687	.0021212	.0006524	-.000873	-.000343	-.000950
#3	-.362195	.000930	.0008774	.0008655	-.005624	-.000219	.000072

Sample Name: CCB028 Acquired: 07/25/2019 17:45:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB028 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0023008	-.001959	.0000117
Stddev	.0002608	.001892	.0000504
%RSD	11.33675	96.58906	429.4192

#1	.0021710	-.000983	.0000696
#2	.0021303	-.004140	-.000012
#3	.0026011	-.000755	-.000023

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1529.118	2524.864	31318.48	5252.897	2785.331
Stddev	15.524	12.108	238.55	26.728	15.210
%RSD	1.015227	.4795686	.7616908	.5088225	.5460824

#1	1511.289	2538.774	31052.69	5229.679	2802.336
#2	1536.432	2519.140	31388.72	5246.897	2780.633
#3	1539.635	2516.679	31514.02	5282.115	2773.024

Sample Name: CCV028 Acquired: 07/25/2019 17:41:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.859469	4.982772	24.72428	4.794370	4.917267	399.1612
Stddev	.006178	.002810	.04360	.016067	.016806	2.2487
%RSD	.1271261	.0563948	.1763383	.3351171	.3417737	.5633473

#1	4.856362	4.986007	24.77450	4.812675	4.903568	401.6290
#2	4.855462	4.981366	24.69612	4.787831	4.912212	397.2280
#3	4.866584	4.980942	24.70222	4.782603	4.936020	398.6267

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.23985	.4958222	2.374698	401.0881	14.98714	2.486345
Stddev	.03818	.0024969	.002334	1.1977	.02920	.002343
%RSD	.3728082	.5035913	.0982919	.2986224	.1948162	.0942197

#1	10.20711	.4977843	2.377025	400.8095	15.02078	2.489046
#2	10.23068	.4966707	2.374711	400.0543	14.96833	2.485116
#3	10.28178	.4930117	2.372357	402.4007	14.97232	2.484873

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.99938	406.2895	14.97387	398.1654	2.490758	1.264933
Stddev	.07775	1.0001	.02623	1.2787	.002578	.009009
%RSD	.5183776	.2461633	.1751633	.3211559	.1034922	.7122438

#1	15.00213	406.1477	14.95914	397.2259	2.487786	1.268933
#2	15.07572	407.3529	15.00416	399.6216	2.492390	1.254616
#3	14.92028	405.3678	14.95833	397.6488	2.492097	1.271250

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	390.2214	2.497363	14.50875	152.2316	F 5.586323	5.354197
Stddev	1.6647	.012696	.04004	.3824	.015133	.018165
%RSD	.4266014	.5083663	.2759428	.2511877	.2708849	.3392618

#1	388.8019	2.488943	14.50509	151.9436	5.582103	5.375171
#2	389.8086	2.511965	14.55049	152.6655	5.573747	5.343559
#3	392.0536	2.491179	14.47067	152.0857	5.603117	5.343860

Sample Name: CCV028 Acquired: 07/25/2019 17:41:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV028 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.870010	4.977504	4.893865	4.989809	4.986863	5.111828
Stddev	.010182	.020038	.015431	.005165	.013208	.035813
%RSD	.2090709	.4025706	.3153042	.1035197	.2648608	.7005843
#1	4.859271	4.989228	4.910655	4.991912	4.976367	5.099115
#2	4.871236	4.988917	4.890634	4.983924	5.001694	5.084105
#3	4.879524	4.954366	4.880306	4.993591	4.982528	5.152262

Elem	Sr4077
Units	ppm
Avg	4.902532
Stddev	.026412
%RSD	.5387466
#1	4.885332
#2	4.932943
#3	4.889321

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1293.869	2266.159	28851.55	5015.450	2651.050
Stddev	4.764	2.042	213.15	15.382	4.585
%RSD	.3682206	.0901247	.7387742	.3067021	.1729375
#1	1294.730	2267.165	28778.73	5006.681	2645.806
#2	1298.144	2267.503	29091.57	5033.212	2654.299
#3	1288.733	2263.808	28684.35	5006.458	2653.045

Sample Name: K3824-10 Acquired: 07/25/2019 17:53:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52N6 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0852388	.0030535	.0074164	.0017071	-.005595	.0198799	.1067205
Stddev	.0025131	.0011088	.0005987	.0011696	.000510	.0118527	.0011697
%RSD	2.948266	36.31384	8.072143	68.51419	9.118363	59.62158	1.096082

#1	.0845222	.0041949	.0070356	.0003690	-.005073	.0322417	.1062543
#2	.0880323	.0019803	.0081064	.0025343	-.005619	.0187860	.1058558
#3	.0831618	.0029853	.0071071	.0022181	-.006093	.0086121	.1080515

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003194	-.000760	40.96605	.0037614	.0059851	.0024661	28.83671
Stddev	.0000332	.000055	.13934	.0006369	.0000850	.0009118	.08543
%RSD	10.40661	7.248593	.3401391	16.93159	1.420219	36.97233	.2962400

#1	.0002822	-.000724	41.04016	.0032349	.0058943	.0023718	28.88071
#2	.0003296	-.000733	40.80531	.0044693	.0060628	.0034212	28.73825
#3	.0003463	-.000824	41.05266	.0035801	.0059982	.0016051	28.89116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.890233	9.543863	.0032396	-.002578	122.2735	.0021672	.0090124
Stddev	.017336	.077936	.0008306	.000289	.3315	.0050223	.0016427
%RSD	.4456261	.8166104	25.63960	11.21688	.2711296	231.7380	18.22712

#1	3.891294	9.631049	.0039294	-.002353	122.6239	.0030449	.0071847
#2	3.872391	9.480955	.0034719	-.002904	122.2319	-.003236	.0103656
#3	3.907014	9.519587	.0023176	-.002476	121.9648	.006693	.0094869

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.486048	.2751103	.0554658	-.000404	.6461647	5.709675	-.002821
Stddev	.078073	.0010306	.0004536	.000036	.0056607	.034444	.001094
%RSD	3.140436	.3746145	.8178620	8.900045	.8760430	.6032622	38.77890

#1	2.541478	.2752704	.0549981	-.000365	.6414670	5.676678	-.003072
#2	2.519904	.2740090	.0554952	-.000409	.6445777	5.706943	-.001624
#3	2.396762	.2760515	.0559040	-.000437	.6524495	5.745404	-.003768

Sample Name: K3824-10 Acquired: 07/25/2019 17:53:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52N6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0024905	-.001515	.2507820
Stddev	.0013349	.001341	.0011955
%RSD	53.59934	88.53312	.4766988

#1	.0013871	-.001797	.2520272
#2	.0039743	-.002693	.2506755
#3	.0021102	-.000055	.2496434

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1626.620	2730.927	33149.62	5548.445	3072.533
Stddev	6.857	7.646	64.82	19.830	7.090
%RSD	.4215490	.2799737	.1955353	.3574049	.2307583

#1	1618.730	2739.135	33122.60	5568.157	3080.265
#2	1629.987	2724.006	33102.69	5548.682	3066.336
#3	1631.142	2729.641	33223.58	5528.498	3070.999

Sample Name: K3824-09 Acquired: 07/25/2019 17:49:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52M6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129934	.0040439	.0111049	-.000078	-.003496	.1517271	.0473512
Stddev	.0016478	.0023468	.0011378	.001893	.001619	.0110241	.0003030
%RSD	12.68196	58.03249	10.24554	2416.396	46.30984	7.265727	.6398881

#1	.0139496	.0037302	.0110347	.001281	-.002664	.1444013	.0471912
#2	.0110907	.0065318	.0100039	-.002240	-.005361	.1463744	.0471617
#3	.0139400	.0018698	.0122761	.000723	-.002461	.1644055	.0477006

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002442	-.000099	37.78120	.0247922	.0007665	.0659630	5.091723
Stddev	.0000367	.000058	.49007	.0002444	.0001630	.0022880	.069163
%RSD	15.02978	58.41347	1.297131	.9856783	21.26655	3.468683	1.358342

#1	.0002364	-.000034	37.24190	.0250086	.0009373	.0662162	5.016776
#2	.0002120	-.000118	37.90242	.0248408	.0007495	.0635589	5.105304
#3	.0002842	-.000145	38.19929	.0245272	.0006126	.0681139	5.153088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5568282	6.883000	.0056111	-.000442	139.0681	.0000694	.0131232
Stddev	.0059220	.060424	.0003113	.000177	1.1628	.0014243	.0008007
%RSD	1.063531	.8778721	5.548258	40.01015	.8361270	2053.327	6.101567

#1	.5504556	6.817926	.0056257	-.000642	138.0997	.0006554	.0124342
#2	.5578669	6.893741	.0059148	-.000306	138.7470	-.001554	.0129338
#3	.5621622	6.937334	.0052927	-.000379	140.3577	.001107	.0140017

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.540787	.0642256	.0678311	.0005029	6.179632	8.080538	-.001444
Stddev	.021057	.0012839	.0013202	.0003061	.018329	.075948	.002044
%RSD	.5947087	1.998972	1.946232	60.87974	.2966078	.9398867	141.5156

#1	3.551420	.0652890	.0663263	.0004685	6.173455	8.004478	.000210
#2	3.516533	.0645885	.0683726	.0008248	6.200252	8.080763	-.003728
#3	3.554407	.0627994	.0687944	.0002154	6.165189	8.156374	-.000814

Sample Name: K3824-09 Acquired: 07/25/2019 17:49:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52M6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0083908	.0493970	.2154359
Stddev	.0010119	.0025101	.0008292
%RSD	12.06013	5.081403	.3848931

#1	.0082258	.0466343	.2151828
#2	.0074714	.0515374	.2163622
#3	.0094750	.0500191	.2147627

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1650.559	2748.802	33478.91	5625.189	3086.689
Stddev	8.569	6.127	84.49	62.137	2.084
%RSD	.5191686	.2229119	.2523677	1.104620	.0675290

#1	1659.979	2742.412	33541.11	5691.872	3086.908
#2	1643.226	2754.627	33512.90	5614.784	3088.655
#3	1648.473	2749.367	33382.72	5568.912	3084.503

Sample Name: K3824-15 Acquired: 07/25/2019 18:01:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52R6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0359450	.0025777	.0102359	.0027600	-.004516	.0388623	.0166778
Stddev	.0019086	.0025812	.0014747	.0012334	.000558	.0065878	.0008330
%RSD	5.309835	100.1382	14.40725	44.69045	12.35791	16.95154	4.994588

#1	.0337459	.0034959	.0102857	.0017354	-.004184	.0385397	.0162481
#2	.0369196	.0045742	.0087369	.0024155	-.004203	.0456055	.0161474
#3	.0371696	-.000337	.0116850	.0041290	-.005160	.0324419	.0176379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001355	-.000269	77.28594	.0009977	.0001659	.0002322	1.795038
Stddev	.0000411	.000039	.55446	.0001213	.0003093	.0012888	.020466
%RSD	30.32385	14.40305	.7174188	12.15384	186.4649	555.0021	1.140165

#1	.0001160	-.000308	76.78471	.0011014	.0001308	.0001249	1.771847
#2	.0001079	-.000231	77.88153	.0010273	.0004912	.0015713	1.810573
#3	.0001828	-.000267	77.19158	.0008643	-.000124	-.001000	1.802693

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2353069	25.64880	.0010862	-.000594	71.82201	-.000681	.0018074
Stddev	.0008041	.11488	.0001410	.000129	.18764	.003299	.0009712
%RSD	.3417308	.4479047	12.97856	21.68040	.2612511	484.3300	53.73455

#1	.2343871	25.54812	.0009328	-.000583	71.60558	.001458	.0027291
#2	.2358769	25.77394	.0011159	-.000471	71.93898	.000979	.0018999
#3	.2356567	25.62435	.0012100	-.000728	71.92146	-.004480	.0007933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.338516	.0307025	.0584427	.0009630	9.762342	8.687682	-.003126
Stddev	.052910	.0017722	.0010791	.0002548	.044516	.110469	.000403
%RSD	.8347346	5.772241	1.846407	26.45587	.4559952	1.271556	12.90046

#1	6.398999	.0286568	.0580799	.0007051	9.810252	8.578508	-.003567
#2	6.300801	.0317707	.0596565	.0012146	9.754516	8.799401	-.002776
#3	6.315750	.0316801	.0575918	.0009692	9.722259	8.685137	-.003035

Sample Name: K3824-15 Acquired: 07/25/2019 18:01:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52R6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0062116	.0282016	.3398647
Stddev	.0008768	.0017838	.0013468
%RSD	14.11506	6.325275	.3962771

#1	.0056515	.0293485	.3389277
#2	.0072220	.0291097	.3414081
#3	.0057612	.0261464	.3392582

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1632.957	2710.403	33442.27	5553.600	3044.792
Stddev	13.195	1.047	269.06	45.995	1.393
%RSD	.8080180	.0386113	.8045530	.8281951	.0457429

#1	1622.415	2709.301	33153.64	5600.266	3043.983
#2	1647.754	2710.525	33686.15	5508.308	3043.993
#3	1628.702	2711.384	33487.03	5552.226	3046.400

Sample Name: K3824-14 Acquired: 07/25/2019 17:57:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52R0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0458819	.0043080	.0146445	.0025911	-.004618	.2781805	.0408547
Stddev	.0012967	.0017055	.0017683	.0013487	.001137	.0062357	.0003209
%RSD	2.826286	39.58876	12.07450	52.05382	24.61857	2.241587	.7854736

#1	.0444204	.0062499	.0166644	.0023887	-.005764	.2738207	.0412163
#2	.0468947	.0036207	.0138930	.0040296	-.004600	.2853230	.0406038
#3	.0463306	.0030534	.0133762	.0013549	-.003491	.2753979	.0407441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005946	-.000891	58.76114	.0223008	.0015631	.0151759	35.18025
Stddev	.0000906	.000083	.43387	.0000684	.0001637	.0016408	.08530
%RSD	15.23379	9.286444	.7383637	.3067402	10.47502	10.81179	.2424738

#1	.0006914	-.000796	59.24029	.0223456	.0015426	.0149808	35.27721
#2	.0005803	-.000936	58.39486	.0223348	.0017361	.0169055	35.11675
#3	.0005119	-.000943	58.64827	.0222221	.0014106	.0136414	35.14679

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.083644	12.02896	.0051564	-.003338	29.72606	.0007186	.0051602
Stddev	.004968	.03821	.0003761	.000232	.22000	.0019379	.0002610
%RSD	.4584815	.3176712	7.294123	6.963148	.7400772	269.6957	5.058501

#1	1.089152	12.06207	.0049879	-.003071	29.61476	.0007687	.0049328
#2	1.079501	12.03766	.0055874	-.003448	29.58395	-.001244	.0054452
#3	1.082279	11.98715	.0048941	-.003495	29.97947	.002631	.0051026

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.424800	.0803585	.1524992	.0009321	1.300264	13.07356	-.002456
Stddev	.034362	.0013716	.0017866	.0003159	.012383	.16954	.000541
%RSD	.6334306	1.706814	1.171536	33.89640	.9523749	1.296831	22.00841

#1	5.387277	.0813991	.1525171	.0005749	1.298509	13.22072	-.001842
#2	5.432389	.0808723	.1507038	.0010464	1.288852	12.88816	-.002664
#3	5.454733	.0788043	.1542768	.0011749	1.313431	13.11180	-.002862

Sample Name: K3824-14 Acquired: 07/25/2019 17:57:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52R0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0225743	.0068879	.2963252
Stddev	.0011959	.0011581	.0012177
%RSD	5.297526	16.81348	.4109299

#1	.0233472	.0076200	.2953600
#2	.0231788	.0055527	.2959223
#3	.0211968	.0074911	.2976933

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1646.539	2723.556	33604.52	5626.169	3030.458
Stddev	12.653	1.792	272.95	25.517	2.334
%RSD	.7684813	.0658087	.8122423	.4535470	.0770110

#1	1656.280	2725.407	33688.44	5602.706	3031.880
#2	1632.238	2721.829	33299.47	5653.336	3027.764
#3	1651.100	2723.431	33825.66	5622.466	3031.729

Sample Name: K3824-17 Acquired: 07/25/2019 18:09:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J8 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1005011	.0065375	.0314098	.0028109	-.005117	4.039150	.0704443
Stddev	.0033036	.0028653	.0011715	.0008313	.001196	.003216	.0001165
%RSD	3.287108	43.82901	3.729875	29.57341	23.37139	.0796304	.1653278

#1	.1043022	.0050474	.0305265	.0019947	-.003819	4.035547	.0704630
#2	.0983227	.0098408	.0327388	.0036565	-.005357	4.040172	.0703196
#3	.0988783	.0047243	.0309641	.0027817	-.006175	4.041732	.0705502

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017041	-.001374	24.17594	.1336576	.0047101	.1697107	70.42344
Stddev	.0000185	.000101	.04173	.0050283	.0002255	.0014362	.14403
%RSD	1.086233	7.367111	.1725951	3.762057	4.787184	.8462425	.2045170

#1	.0017017	-.001258	24.22314	.1308210	.0045227	.1705405	70.29551
#2	.0016870	-.001445	24.14395	.1306885	.0046472	.1680524	70.57943
#3	.0017237	-.001418	24.16073	.1394632	.0049603	.1705393	70.39538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.810274	2.473231	.0098609	-.004653	16.55508	.0063250	.0337007
Stddev	.000966	.018504	.0004478	.000444	.08993	.0013828	.0012435
%RSD	.0533832	.7481795	4.541407	9.543336	.5432199	21.86171	3.689755

#1	1.810391	2.469520	.0103605	-.004285	16.45476	.0074020	.0323856
#2	1.809254	2.493310	.0094958	-.004527	16.62845	.0047657	.0348573
#3	1.811176	2.456864	.0097263	-.005146	16.58205	.0068072	.0338591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.56677	.4763876	.5935197	-.000668	15.67650	8.804861	.0123011
Stddev	.07839	.0025924	.0060771	.000402	.05657	.155162	.0007176
%RSD	.5381627	.5441754	1.023910	60.15331	.3608328	1.762232	5.833938

#1	14.48233	.4781765	.5963754	-.001095	15.62505	8.905192	.0116232
#2	14.63724	.4734146	.5865407	-.000611	15.66737	8.626144	.0122274
#3	14.58073	.4775717	.5976430	-.000297	15.73707	8.883247	.0130528

Sample Name: K3824-17 Acquired: 07/25/2019 18:09:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0288066	-.008390	.1395743
Stddev	.0011291	.002254	.0002608
%RSD	3.919539	26.86399	.1868543

#1	.0300699	-.010169	.1393610
#2	.0278961	-.009145	.1394968
#3	.0284537	-.005855	.1398650

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1622.735	2739.933	33189.98	5601.600	3030.839
Stddev	63.520	8.599	1136.32	56.084	2.384
%RSD	3.914371	.3138288	3.423676	1.001212	.0786724

#1	1672.512	2735.086	34187.19	5569.473	3031.653
#2	1644.500	2734.853	33429.88	5666.359	3028.154
#3	1551.194	2749.861	31952.87	5568.968	3032.709

Sample Name: K3824-16 Acquired: 07/25/2019 18:05:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52J6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064265	.0043979	.0086366	-.000589	-.004988	.0113587	.0696110
Stddev	.0017205	.0014536	.0018579	.000976	.000579	.0020223	.0006812
%RSD	26.77269	33.05220	21.51236	165.6056	11.60075	17.80421	.9785421

#1	.0079576	.0032352	.0089444	.000518	-.005638	.0090427	.0690722
#2	.0067574	.0039309	.0066440	-.001325	-.004531	.0127757	.0703766
#3	.0045645	.0060276	.0103215	-.000961	-.004794	.0122576	.0693842

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001344	-.000166	19.32867	.0009178	.0003941	.0025579	.5371224
Stddev	.0000467	.000122	.14143	.0003077	.0003377	.0009686	.0048756
%RSD	34.74434	73.42075	.7316984	33.52459	85.69135	37.86504	.9077353

#1	.0001404	-.000230	19.27235	.0012311	.0007630	.0031639	.5347327
#2	.0001779	-.000026	19.48958	.0006160	.0003187	.0014409	.5427319
#3	.0000850	-.000243	19.22408	.0009064	.0001005	.0030690	.5339026

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1516700	2.432940	.0030120	-.000316	231.8353	.0003435	.0146372
Stddev	.0019195	.043335	.0003302	.000028	1.5342	.0014352	.0006117
%RSD	1.265548	1.781170	10.96363	8.939825	.6617817	417.7403	4.179357

#1	.1509410	2.398683	.0026400	-.000292	231.4164	.0004068	.0141837
#2	.1538471	2.481656	.0032706	-.000309	233.5355	-.001122	.0143948
#3	.1502218	2.418481	.0031253	-.000347	230.5540	.001746	.0153330

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.988950	.0161247	.0112482	.0000173	5.154692	6.184564	-.002179
Stddev	.072982	.0013208	.0001831	.0000505	.012271	.059775	.000726
%RSD	3.669363	8.191201	1.627797	291.3136	.2380468	.9665271	33.29606

#1	1.998621	.0176211	.0110628	.0000372	5.168327	6.218424	-.002015
#2	1.911615	.0151216	.0114289	-.000040	5.151210	6.219723	-.001550
#3	2.056614	.0156313	.0112530	.000055	5.144539	6.115546	-.002973

Sample Name: K3824-16 Acquired: 07/25/2019 18:05:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52J6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0031512	-.005976	.1145578
Stddev	.0023147	.000859	.0002898
%RSD	73.45447	14.37770	.2529925

#1	.0006260	-.006637	.1143649
#2	.0036552	-.005005	.1148911
#3	.0051723	-.006287	.1144174

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1635.839	2729.432	33212.68	5559.035	3077.871
Stddev	11.806	6.563	298.03	15.814	10.100
%RSD	.7217112	.2404422	.8973369	.2844661	.3281452

#1	1647.060	2722.064	33391.95	5554.340	3066.416
#2	1636.932	2734.650	33377.44	5546.101	3085.497
#3	1623.524	2731.581	32868.65	5576.665	3081.700

Sample Name: K3824-18 Acquired: 07/25/2019 18:13:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52K0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0291219	.0033803	.0080337	-.000381	-.004508	.0509891	.0455542
Stddev	.0011734	.0024144	.0008852	.001260	.000865	.0039237	.0004742
%RSD	4.029450	71.42463	11.01831	330.7725	19.19524	7.695185	1.041012

#1	.0281312	.0043965	.0073115	-.001527	-.004127	.0493076	.0457931
#2	.0304178	.0006239	.0077684	.000969	-.005499	.0481864	.0450080
#3	.0288167	.0051205	.0090212	-.000585	-.003899	.0554733	.0458614

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001408	-.000133	17.67595	.0014828	.0037079	.0069527	1.543951
Stddev	.0000830	.000082	.10067	.0008329	.0002211	.0007227	.011559
%RSD	58.96439	61.31127	.5695212	56.16848	5.962134	10.39393	.7486762

#1	.0002356	-.000211	17.56702	.0005921	.0038379	.0061351	1.536871
#2	.0001062	-.000048	17.69528	.0016140	.0034526	.0075062	1.557290
#3	.0000807	-.000140	17.76555	.0022422	.0038331	.0072167	1.537692

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5545984	1.844845	.0124031	-.000374	196.7821	.0005971	.0094251
Stddev	.0024282	.013342	.0002238	.000155	1.1592	.0022095	.0031925
%RSD	.4378219	.7232283	1.804648	41.38749	.5890698	370.0729	33.87196

#1	.5521061	1.829749	.0124070	-.000262	195.4462	.0008248	.0099638
#2	.5547323	1.855060	.0126250	-.000309	197.5231	.0026838	.0059975
#3	.5569569	1.849726	.0121774	-.000550	197.3770	-.001718	.0123139

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.170602	.0237829	.0539618	-.000140	7.758243	6.818207	-.002367
Stddev	.031148	.0024476	.0004120	.000189	.030546	.066200	.000547
%RSD	.9823940	10.29135	.7634969	135.0157	.3937219	.9709351	23.12659

#1	3.206271	.0260562	.0537703	.000076	7.778288	6.748857	-.002631
#2	3.148769	.0241006	.0536805	-.000278	7.773355	6.825037	-.002732
#3	3.156766	.0211921	.0544347	-.000218	7.723087	6.880728	-.001737

Sample Name: K3824-18 Acquired: 07/25/2019 18:13:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52K0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016808	-.008116	.1094707
Stddev	.0010327	.002065	.0002480
%RSD	61.44128	25.44208	.2265880

#1	.0007317	-.006181	.1097471
#2	.0015301	-.007877	.1092674
#3	.0027806	-.010290	.1093976

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1630.682	2725.872	33180.83	5564.457	3064.222
Stddev	8.003	8.731	149.86	43.084	6.242
%RSD	.4907958	.3202856	.4516538	.7742654	.2037032

#1	1621.987	2735.770	33050.53	5603.680	3070.865
#2	1637.740	2722.578	33344.59	5571.348	3058.479
#3	1632.321	2719.267	33147.37	5518.343	3063.324

Sample Name: K3824-19 Acquired: 07/25/2019 18:17:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52K2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224779	.0027740	.0100087	-.000230	-.005371	.0764773	.0392219
Stddev	.0003563	.0022297	.0003610	.001216	.001217	.0128801	.0007007
%RSD	1.584898	80.37660	3.606433	529.5994	22.66120	16.84170	1.786420

#1	.0222111	.0025838	.0103471	-.001597	-.004966	.0618444	.0388051
#2	.0223402	.0006456	.0096288	.000730	-.004408	.0814906	.0388299
#3	.0228825	.0050927	.0100502	.000178	-.006739	.0860969	.0400309

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001384	-.000194	21.68477	.0031381	.0015214	.0046311	5.074873
Stddev	.0000544	.000065	.13234	.0004189	.0002476	.0028886	.037439
%RSD	39.34231	33.40119	.6102942	13.34947	16.27251	62.37360	.7377297

#1	.0000912	-.000135	21.55769	.0029586	.0016395	.0057368	5.031647
#2	.0001260	-.000263	21.67482	.0036169	.0016879	.0013530	5.095917
#3	.0001979	-.000184	21.82181	.0028389	.0012369	.0068034	5.097055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.297628	2.408301	.0079362	-.000603	121.5821	-.001944	.0051074
Stddev	.007297	.019432	.0003103	.000319	.6228	.001626	.0010883
%RSD	.5623544	.8068962	3.910326	52.96439	.5122433	83.64482	21.30918

#1	1.290165	2.416182	.0082860	-.000542	120.9152	-.003321	.0062765
#2	1.297973	2.386166	.0076940	-.000949	121.6822	-.002361	.0041237
#3	1.304747	2.422555	.0078286	-.000319	122.1487	-.000150	.0049219

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.830230	.0152507	.1951322	-.000186	9.829460	7.811070	-.003060
Stddev	.141390	.0015845	.0018893	.000057	.027998	.055234	.000780
%RSD	3.691425	10.38955	.9682364	30.77515	.2848415	.7071297	25.50295

#1	3.771529	.0154500	.1936614	-.000121	9.861605	7.781237	-.002867
#2	3.991516	.0135760	.1972630	-.000207	9.810402	7.874806	-.002395
#3	3.727646	.0167261	.1944722	-.000230	9.816373	7.777168	-.003919

Sample Name: K3824-19 Acquired: 07/25/2019 18:17:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52K2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019856	-.006111	.1359963
Stddev	.0013522	.001171	.0003423
%RSD	68.10360	19.16994	.2516709

#1	.0006762	-.007343	.1363474
#2	.0019036	-.005011	.1359779
#3	.0033769	-.005979	.1356636

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1646.374	2729.690	33352.35	5585.213	3062.605
Stddev	14.266	10.208	230.29	31.691	3.962
%RSD	.8664846	.3739718	.6904636	.5674013	.1293665

#1	1649.294	2738.114	33488.86	5620.753	3065.465
#2	1658.954	2732.620	33481.71	5574.988	3064.269
#3	1630.875	2718.338	33086.47	5559.897	3058.083

Sample Name: K3824-21 Acquired: 07/25/2019 18:25:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52Q8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1441285	.0014030	.0128470	.0030382	-.004099	.0810046	.0844649
Stddev	.0004535	.0023380	.0006671	.0015010	.000347	.0040938	.0019714
%RSD	.3146522	166.6497	5.192661	49.40330	8.477450	5.053726	2.333995

#1	.1438913	-.001197	.0136158	.0043647	-.004472	.0787494	.0839849
#2	.1446514	.003334	.0124209	.0033410	-.003784	.0857301	.0827778
#3	.1438428	.002072	.0125043	.0014089	-.004042	.0785345	.0866320

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004028	-.001040	35.09421	.0033515	.0029619	.0062594	43.52360
Stddev	.0001471	.000089	.55792	.0004885	.0001841	.0009454	.46131
%RSD	36.52969	8.552564	1.589788	14.57616	6.213741	15.10382	1.059914

#1	.0002576	-.001142	34.86990	.0039020	.0027854	.0052926	43.26384
#2	.0005518	-.000979	34.68336	.0029696	.0031527	.0071819	43.25074
#3	.0003988	-.000998	35.72938	.0031829	.0029477	.0063037	44.05623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.934837	5.691048	.0028088	-.003683	70.94843	.0018698	.0059645
Stddev	.059328	.069295	.0004968	.000597	.96848	.0040507	.0003679
%RSD	1.202229	1.217608	17.68911	16.21426	1.365044	216.6317	6.167496

#1	4.904134	5.690106	.0030078	-.003228	70.43396	.0060004	.0061000
#2	4.897152	5.622229	.0031753	-.004359	70.34575	.0017051	.0062454
#3	5.003224	5.760808	.0022433	-.003461	72.06557	-.002096	.0055481

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.259732	.1531036	.2134765	.0011052	2.336042	11.31677	-.000176
Stddev	.037360	.0023348	.0017108	.0004744	.001061	.16069	.001914
%RSD	.7103030	1.524977	.8014137	42.92690	.0454012	1.419909	1090.137

#1	5.223479	.1504201	.2120970	.0011529	2.336296	11.31784	.001634
#2	5.257609	.1542214	.2129417	.0006087	2.334877	11.15555	.000019
#3	5.298109	.1546693	.2153909	.0015540	2.336952	11.47692	-.002179

Sample Name: K3824-21 Acquired: 07/25/2019 18:25:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52Q8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0031011	.0004287	.2165960
Stddev	.0004590	.0014332	.0000813
%RSD	14.79970	334.3405	.0375216

#1	.0035838	-.001135	.2165465
#2	.0030492	.000742	.2166898
#3	.0026703	.001679	.2165518

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1635.993	2713.747	33236.06	5586.693	3050.175
Stddev	5.126	3.443	264.02	54.332	.462
%RSD	.3133066	.1268744	.7943845	.9725273	.0151627

#1	1641.603	2716.246	33181.03	5595.924	3050.672
#2	1634.823	2709.820	33003.88	5635.818	3050.095
#3	1631.554	2715.177	33523.26	5528.336	3049.757

Sample Name: K3824-20 Acquired: 07/25/2019 18:21:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52Q7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111283	.0031001	.0092100	.0009381	-.005141	.0208574	.0472878
Stddev	.0029680	.0008778	.0011808	.0004117	.000767	.0047544	.0005089
%RSD	26.67099	28.31679	12.82069	43.88011	14.91231	22.79482	1.076199

#1	.0087480	.0030500	.0092074	.0014056	-.005818	.0155108	.0477637
#2	.0101831	.0022483	.0080305	.0006297	-.005296	.0224512	.0467513
#3	.0144538	.0040018	.0103920	.0007791	-.004308	.0246101	.0473483

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001695	-.000249	21.32348	.0006041	.0009311	.0067894	5.245925
Stddev	.0000253	.000035	.07432	.0003303	.0002645	.0012520	.017152
%RSD	14.90833	13.86102	.3485216	54.67913	28.40588	18.44002	.3269550

#1	.0001666	-.000287	21.39102	.0006592	.0008053	.0076603	5.226162
#2	.0001458	-.000219	21.24386	.0002497	.0012351	.0053547	5.256923
#3	.0001961	-.000241	21.33556	.0009034	.0007531	.0073534	5.254690

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5980944	2.447588	.0026918	-.000641	202.4791	.0005424	.0083532
Stddev	.0020701	.018503	.0001989	.000271	.6433	.0008821	.0015610
%RSD	.3461223	.7559685	7.390157	42.35095	.3176899	162.6319	18.68785

#1	.6004830	2.463012	.0029091	-.000930	203.1459	.0012666	.0065864
#2	.5969819	2.452679	.0026475	-.000601	201.8623	.0008006	.0089274
#3	.5968185	2.427072	.0025188	-.000392	202.4293	-.000440	.0095459

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.862675	.0555333	.0252258	.0000090	3.385479	6.265003	-.001963
Stddev	.013342	.0009510	.0006924	.0002388	.008046	.002409	.000161
%RSD	.7163080	1.712410	2.744696	2646.125	.2376593	.0384594	8.202402

#1	1.848951	.0561330	.0248840	-.000023	3.381058	6.262464	-.002148
#2	1.863474	.0544369	.0247708	-.000212	3.394766	6.267258	-.001885
#3	1.875600	.0560301	.0260226	.000262	3.380613	6.265287	-.001856

Sample Name: K3824-20 Acquired: 07/25/2019 18:21:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52Q7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0028203	-.007399	.1193150
Stddev	.0026746	.000532	.0002597
%RSD	94.83580	7.185476	.2176610

#1	.0056532	-.007606	.1190267
#2	.0003386	-.007797	.1193876
#3	.0024690	-.006795	.1195307

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1631.562	2717.057	33025.33	5565.590	3059.197
Stddev	9.397	1.633	70.85	3.213	7.663
%RSD	.5759715	.0601193	.2145285	.0577307	.2504819

#1	1641.950	2718.522	33106.08	5564.934	3066.784
#2	1629.084	2717.354	32996.37	5569.080	3059.347
#3	1623.652	2715.295	32973.56	5562.755	3051.461

Sample Name: K3769-01 Acquired: 07/25/2019 18:34:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52M5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065652	.0047926	.0076016	-.000692	-.005351	-.000966	.0463036
Stddev	.0012194	.0015094	.0010660	.000849	.000242	.009579	.0004238
%RSD	18.57300	31.49370	14.02301	122.6569	4.520581	991.3547	.9151853

#1	.0054637	.0063164	.0077137	-.001663	-.005575	-.006068	.0464084
#2	.0078754	.0032981	.0064840	-.000322	-.005384	.010084	.0466651
#3	.0063565	.0047633	.0086071	-.000091	-.005095	-.006915	.0458373

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001326	-.000101	38.23474	.0018926	.0001279	.0051181	.1677167
Stddev	.0000361	.000092	.42051	.0006629	.0003349	.0032209	.0032387
%RSD	27.22564	90.37683	1.099820	35.02363	261.7335	62.93189	1.931025

#1	.0001686	-.000114	37.92277	.0011762	.0002434	.0046091	.1639795
#2	.0000964	-.000186	38.71296	.0020173	-.000249	.0085632	.1694672
#3	.0001327	-.000004	38.06848	.0024842	.000390	.0021820	.1697033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5864973	6.665456	.0050221	-.000050	152.9178	-.000926	.0068867
Stddev	.0057337	.017031	.0002583	.000413	1.7075	.003003	.0011069
%RSD	.9776173	.2555083	5.143999	833.9442	1.116626	324.1440	16.07349

#1	.5817854	6.648235	.0052629	-.000035	151.3596	.001449	.0060852
#2	.5928811	6.682290	.0047492	.000356	154.7432	-.004301	.0081496
#3	.5848255	6.665845	.0050541	-.000469	152.6506	.000073	.0064252

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.642917	.0050612	.0626545	.0000157	6.270209	7.848671	-.004656
Stddev	.006458	.0014801	.0008023	.0003433	.016993	.101181	.000747
%RSD	.1772860	29.24337	1.280431	2183.365	.2710092	1.289152	16.03554

#1	3.647895	.0042713	.0617338	.0004042	6.251151	7.775741	-.004486
#2	3.645237	.0041436	.0632033	-.000247	6.283782	7.964184	-.005473
#3	3.635619	.0067686	.0630265	-.000110	6.275695	7.806088	-.004009

Sample Name: K3769-01 Acquired: 07/25/2019 18:34:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52M5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007232	.0489303	.2136325
Stddev	.0002620	.0022860	.0000586
%RSD	36.22626	4.671870	.0274388

#1	.0006873	.0491763	.2135655
#2	.0010013	.0510834	.2136578
#3	.0004810	.0465313	.2136742

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1635.128	2716.354	33153.46	5460.599	3047.263
Stddev	5.021	3.175	187.55	48.143	5.267
%RSD	.3070442	.1168899	.5656887	.8816509	.1728396

#1	1630.187	2712.793	33231.47	5498.968	3051.093
#2	1640.225	2717.380	33289.40	5406.577	3041.257
#3	1634.972	2718.890	32939.50	5476.253	3049.440

Sample Name: K3824-22 Acquired: 07/25/2019 18:30:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52S1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1392860	.0040233	.0141046	.0027067	-.003098	.0803864	.0832653
Stddev	.0002657	.0023058	.0013904	.0009890	.001170	.0014080	.0005127
%RSD	.1907896	57.31059	9.857833	36.53915	37.78406	1.751575	.6156797

#1	.1389846	.0060927	.0139891	.0037226	-.004010	.0819896	.0836223
#2	.1393867	.0015378	.0127756	.0026506	-.001778	.0793506	.0826779
#3	.1394867	.0044395	.0155492	.0017470	-.003505	.0798189	.0834958

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004359	-.001041	34.94644	.0032195	.0030075	.0086493	42.69598
Stddev	.0000464	.000049	.18625	.0004234	.0000656	.0019903	.18564
%RSD	10.64639	4.715246	.5329484	13.14945	2.181476	23.01100	.4348036

#1	.0004087	-.001033	35.16085	.0027325	.0029343	.0067454	42.89728
#2	.0004895	-.000997	34.85364	.0034267	.0030611	.0107160	42.53151
#3	.0004096	-.001094	34.82482	.0034994	.0030272	.0084866	42.65914

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.899551	5.679227	.0028652	-.003331	72.77552	.0024035	.0027634
Stddev	.032509	.016615	.0006791	.000119	.30287	.0013749	.0009561
%RSD	.6635068	.2925519	23.70116	3.577404	.4161721	57.20236	34.60000

#1	4.937047	5.670894	.0023380	-.003339	72.62206	.0008286	.0026028
#2	4.882346	5.668427	.0026260	-.003446	72.58010	.0033644	.0037897
#3	4.879260	5.698359	.0036315	-.003208	73.12441	.0030176	.0018977

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.251657	.1431595	.2128166	.0010510	2.452421	11.14873	-.000973
Stddev	.054978	.0017743	.0012454	.0003304	.016436	.04308	.001295
%RSD	1.046871	1.239396	.5851789	31.44175	.6701997	.3864363	133.0733

#1	5.312601	.1447346	.2142170	.0013801	2.433770	11.19210	-.001633
#2	5.205792	.1412373	.2123990	.0007192	2.458701	11.10594	.000519
#3	5.236578	.1435067	.2118337	.0010536	2.464791	11.14815	-.001805

Sample Name: K3824-22 Acquired: 07/25/2019 18:30:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52S1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0037651	.0021271	.2160026
Stddev	.0011479	.0011454	.0006459
%RSD	30.48629	53.84721	.2990060

#1	.0028863	.0034040	.2167089
#2	.0033453	.0017870	.2158567
#3	.0050638	.0011903	.2154422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1623.631	2717.455	33303.45	5578.342	3043.389
Stddev	.750	4.731	87.99	10.150	3.483
%RSD	.0461998	.1740908	.2642073	.1819485	.1144376

#1	1622.921	2715.603	33398.23	5568.231	3045.254
#2	1623.557	2722.832	33287.76	5588.530	3045.542
#3	1624.416	2713.930	33224.36	5578.265	3039.371

Sample Name: K3769-02 Acquired: 07/25/2019 18:38:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52N1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114762	.0009395	.0092365	.0014477	-.005262	-.002684	.0518820
Stddev	.0020004	.0006563	.0017482	.0011322	.000632	.004026	.0002254
%RSD	17.43038	69.85086	18.92677	78.20738	12.01625	150.0237	.4344551

#1	.0136920	.0015914	.0084442	.0008268	-.005480	-.001333	.0521324
#2	.0109335	.0009482	.0080249	.0007618	-.004549	-.007211	.0518182
#3	.0098033	.0002790	.0112406	.0027545	-.005756	.000493	.0516953

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001765	-.000285	37.21000	.0214417	.0026461	.0031226	8.105330
Stddev	.0000410	.000028	.22056	.0001998	.0001815	.0013250	.016035
%RSD	23.24240	9.751808	.5927544	.9317333	6.860362	42.43272	.1978355

#1	.0001467	-.000279	37.44784	.0216000	.0028544	.0033109	8.123805
#2	.0002233	-.000316	37.16997	.0212172	.0025625	.0017135	8.097164
#3	.0001595	-.000261	37.01220	.0215077	.0025215	.0043434	8.095022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.873152	7.225523	.0058178	-.000790	98.63158	-.002438	.0044499
Stddev	.011985	.013751	.0005485	.000536	.54868	.003899	.0017839
%RSD	.4171343	.1903063	9.428347	67.78782	.5562875	159.9319	40.08803

#1	2.886484	7.238926	.0052790	-.000175	99.24591	-.005957	.0064991
#2	2.869702	7.211449	.0057989	-.001151	98.19029	-.003109	.0032446
#3	2.863271	7.226192	.0063755	-.001046	98.45852	.001753	.0036058

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7977695	.0187824	.0350399	.0000144	.3519724	6.711220	-.002894
Stddev	.0141489	.0024583	.0006960	.0000705	.0034501	.062225	.000554
%RSD	1.773562	13.08843	1.986371	490.8248	.9802248	.9271824	19.15163

#1	.8127072	.0159481	.0342852	-.000044	.3552521	6.781336	-.002904
#2	.7960315	.0200628	.0351779	-.000006	.3522912	6.662568	-.002335
#3	.7845699	.0203361	.0356566	.000093	.3483740	6.689756	-.003443

Sample Name: K3769-02 Acquired: 07/25/2019 18:38:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52N1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016436	.0145694	.2183642
Stddev	.0006055	.0007654	.0005403
%RSD	36.84241	5.253845	.2474113

#1	.0023088	.0136947	.2183848
#2	.0014973	.0151167	.2188939
#3	.0011246	.0148968	.2178140

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1627.716	2712.859	33130.61	5557.347	3028.245
Stddev	10.323	1.386	142.10	33.477	6.729
%RSD	.6342288	.0510833	.4289043	.6023864	.2222202

#1	1637.507	2711.351	33115.63	5518.703	3026.339
#2	1616.932	2713.152	32996.59	5575.839	3035.722
#3	1628.708	2714.075	33279.60	5577.498	3022.674

Sample Name: K3769-03 Acquired: 07/25/2019 18:42:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52P3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123507	.0034453	.0072974	.0004768	-.004513	-.013377	.0649313
Stddev	.0029947	.0018793	.0012575	.0014460	.001225	.008541	.0002833
%RSD	24.24744	54.54914	17.23235	303.2796	27.13220	63.84998	.4363083

#1	.0100421	.0036651	.0060253	-.001192	-.005920	-.020233	.0647679
#2	.0157346	.0014656	.0073274	.001276	-.003683	-.003809	.0647676
#3	.0112754	.0052050	.0085398	.001347	-.003937	-.016089	.0652584

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001143	-.000375	38.19285	.0086658	.0047843	-.001896	10.82049
Stddev	.0000354	.000005	.17109	.0002765	.0001294	.002845	.02008
%RSD	30.92433	1.424743	.4479580	3.190843	2.704818	150.0988	.1855863

#1	.0000895	-.000379	38.36307	.0088498	.0046795	-.004621	10.83313
#2	.0001548	-.000369	38.19458	.0087997	.0047443	-.002122	10.83100
#3	.0000986	-.000377	38.02090	.0083478	.0049289	.001056	10.79733

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.554757	9.261946	.0043807	-.001249	114.3478	.0011160	.0027355
Stddev	.004541	.045285	.0002058	.000482	.5514	.0043236	.0002202
%RSD	.1777540	.4889317	4.697328	38.56412	.4822022	387.3988	8.051323

#1	2.559110	9.259922	.0042643	-.000701	114.9349	-.003860	.0024899
#2	2.555113	9.308209	.0046183	-.001607	114.2676	.003250	.0029155
#3	2.550049	9.217708	.0042596	-.001438	113.8408	.003958	.0028010

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.709147	.0353031	.0230506	.0000585	.3996757	6.205525	-.003523
Stddev	.055156	.0018080	.0008096	.0003040	.0043310	.066509	.000817
%RSD	3.227087	5.121428	3.512171	519.9822	1.083617	1.071778	23.20429

#1	1.714088	.0335314	.0239823	-.000287	.4003149	6.250532	-.002819
#2	1.651687	.0352325	.0225192	.000287	.3950607	6.236913	-.003330
#3	1.761666	.0371454	.0226502	.000175	.4036515	6.129130	-.004419

Sample Name: K3769-03 Acquired: 07/25/2019 18:42:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52P3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008951	-.004075	.2349709
Stddev	.0003863	.001132	.0010574
%RSD	43.16048	27.79011	.4500180

#1	.0005812	-.005249	.2361064
#2	.0007776	-.003988	.2347920
#3	.0013266	-.002989	.2340144

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.369	2706.931	33112.69	5543.054	3029.584
Stddev	10.311	2.319	115.45	31.477	6.684
%RSD	.6347640	.0856691	.3486529	.5678650	.2206160

#1	1631.638	2709.597	33109.65	5523.214	3037.136
#2	1628.901	2705.807	33229.63	5526.601	3024.433
#3	1612.568	2705.387	32998.79	5579.348	3027.182

Sample Name: K3769-05 Acquired: 07/25/2019 18:50:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52P7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102654	.0034432	.0088667	.0000757	-.004163	-.002258	.0540522
Stddev	.0016582	.0000763	.0019089	.0003286	.000847	.010813	.0004579
%RSD	16.15346	2.215394	21.52909	434.0751	20.34002	478.9398	.8471778

#1	.0109227	.0034973	.0107334	-.000166	-.005056	.009386	.0541545
#2	.0114942	.0034763	.0089486	-.000056	-.004062	-.011984	.0535518
#3	.0083793	.0033559	.0069182	.000450	-.003371	-.004176	.0544503

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000047	-.000240	38.98222	.0108667	.0047012	.0009337	4.980586
Stddev	.000041	.000043	.11916	.0002846	.0000308	.0017231	.015119
%RSD	87.31560	17.91235	.3056770	2.619209	.6540058	184.5417	.3035547

#1	-.000095	-.000264	39.09315	.0106556	.0046716	.0027733	4.985174
#2	-.000024	-.000265	38.85626	.0111904	.0047330	.0006702	4.963705
#3	-.000023	-.000190	38.99724	.0107540	.0046992	-.000642	4.992880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.085103	8.978367	.0044450	-.000455	105.8730	.0013019	.0117372
Stddev	.005920	.074409	.0001538	.000001	.7551	.0010043	.0011668
%RSD	.1918996	.8287552	3.460099	.2877225	.7131802	77.13984	9.940662

#1	3.087453	8.971956	.0046176	-.000455	106.4777	.0006886	.0126639
#2	3.078368	8.907371	.0043950	-.000456	105.0267	.0024608	.0121208
#3	3.089487	9.055774	.0043224	-.000453	106.1147	.0007562	.0104270

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.991672	.0281688	.0121831	.0004275	.4742324	6.456272	-.002666
Stddev	.060311	.0018765	.0001939	.0001267	.0049884	.075508	.000365
%RSD	3.028163	6.661758	1.591844	29.64484	1.051890	1.169522	13.70423

#1	1.929259	.0301252	.0124059	.0003595	.4783226	6.498011	-.002631
#2	1.996123	.0263839	.0120914	.0005738	.4756995	6.369109	-.003048
#3	2.049634	.0279975	.0120521	.0003493	.4686749	6.501695	-.002319

Sample Name: K3769-05 Acquired: 07/25/2019 18:50:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52P7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017288	-.003193	.2365589
Stddev	.0009379	.000774	.0009778
%RSD	54.25379	24.23507	.4133329

#1	.0026309	-.003271	.2355257
#2	.0017967	-.002383	.2366813
#3	.0007587	-.003925	.2374697

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1630.095	2704.832	33180.33	5545.735	3037.728
Stddev	13.934	4.457	259.45	6.263	5.308
%RSD	.8547835	.1647644	.7819498	.1129264	.1747416

#1	1632.834	2703.903	33398.96	5540.856	3039.067
#2	1614.995	2700.913	32893.63	5552.797	3031.878
#3	1642.456	2709.680	33248.42	5543.553	3042.238

Sample Name: K3769-04 Acquired: 07/25/2019 18:46:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52P5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177360	.0024693	.0101056	.0000156	-.004904	.0083956	.0514889
Stddev	.0024823	.0016063	.0007889	.0011219	.001670	.0083877	.0009939
%RSD	13.99552	65.05083	7.807020	7211.798	34.05815	99.90601	1.930278

#1	.0160656	.0040810	.0103083	-.000609	-.005334	-.001254	.0525127
#2	.0165541	.0024584	.0092351	.001311	-.006318	.012502	.0514259
#3	.0205884	.0008685	.0107735	-.000655	-.003061	.013939	.0505280

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000879	-.000417	39.53781	.0191972	.0053860	.0063761	11.50768
Stddev	.0000389	.000048	.48646	.0000514	.0001495	.0003649	.05693
%RSD	44.28694	11.63628	1.230371	.2676159	2.775871	5.722274	.4946944

#1	.0000488	-.000412	40.09921	.0191379	.0055278	.0062346	11.56646
#2	.0001266	-.000370	39.27335	.0192260	.0054005	.0061031	11.50380
#3	.0000882	-.000467	39.24087	.0192278	.0052299	.0067905	11.45280

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.693552	8.677095	.0054340	-.001257	101.0887	.0007044	.0035571
Stddev	.026526	.089006	.0004005	.000669	.9839	.0008833	.0006256
%RSD	.9848007	1.025762	7.371106	53.22377	.9732920	125.3892	17.58691

#1	2.724070	8.767242	.0057205	-.000867	102.2168	.0000900	.0031177
#2	2.680550	8.589275	.0049763	-.002030	100.6411	.0003066	.0032802
#3	2.676034	8.674769	.0056051	-.000875	100.4082	.0017166	.0042733

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.063246	.0393479	.0234043	.0005628	.4346270	6.998278	-.001567
Stddev	.042850	.0013327	.0001554	.0001956	.0037022	.050202	.000722
%RSD	2.076810	3.387057	.6638279	34.75692	.8518137	.7173445	46.04600

#1	2.111524	.0379362	.0235594	.0003602	.4325471	7.055104	-.001824
#2	2.048487	.0395231	.0234048	.0007506	.4324325	6.959948	-.000752
#3	2.029726	.0405843	.0232487	.0005776	.4389015	6.979784	-.002125

Sample Name: K3769-04 Acquired: 07/25/2019 18:46:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52P5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017917	-.004878	.2326794
Stddev	.0006468	.001355	.0010403
%RSD	36.09830	27.77207	.4470972

#1	.0012282	-.003481	.2326486
#2	.0016491	-.004966	.2316548
#3	.0024980	-.006186	.2337347

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1617.692	2705.481	32988.11	5489.371	3034.301
Stddev	12.109	3.565	234.09	63.392	1.878
%RSD	.7485242	.1317840	.7096270	1.154822	.0618935

#1	1606.277	2701.371	32737.38	5420.435	3036.198
#2	1630.392	2707.735	33200.95	5545.158	3032.442
#3	1616.408	2707.338	33026.00	5502.520	3034.263

Sample Name: K3769-07 Acquired: 07/25/2019 18:58:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52Q5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053032	.0037676	.0083082	-.001061	-.005521	-.012955	.0556246
Stddev	.0034737	.0040218	.0020753	.001936	.001351	.011438	.0009586
%RSD	65.50232	106.7462	24.97885	182.4618	24.46471	88.28931	1.723381

#1	.0031818	.0081552	.0093009	-.001696	-.006206	-.010897	.0545207
#2	.0034158	.0002559	.0097007	.001113	-.006391	-.025282	.0561048
#3	.0093120	.0028918	.0059230	-.002600	-.003965	-.002686	.0562482

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001798	-.000202	34.84028	.0003575	.0013065	.0030578	1.872930
Stddev	.0001249	.000095	.21134	.0002765	.0001921	.0020615	.005513
%RSD	69.48061	46.91970	.6065947	77.33729	14.70381	67.41761	.2943508

#1	.0002308	-.000303	34.60490	.0006741	.0014188	.0053047	1.876191
#2	.0002711	-.000187	35.01376	.0002349	.0010846	.0026151	1.876034
#3	.0000374	-.000116	34.90217	.0001635	.0014159	.0012536	1.866565

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8672111	8.438595	.0020479	-.000433	174.6603	-.002881	.0028762
Stddev	.0055540	.069058	.0005237	.000284	.5457	.002282	.0007340
%RSD	.6404496	.8183579	25.57280	65.55335	.3124294	79.19782	25.51982

#1	.8619693	8.369216	.0015581	-.000758	174.2525	-.005121	.0023025
#2	.8730320	8.507327	.0025999	-.000307	175.2802	-.002963	.0026228
#3	.8666321	8.439242	.0019856	-.000234	174.4481	-.000560	.0037033

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.164947	.0200387	.0076852	-.000340	2.949516	5.791822	-.004182
Stddev	.074256	.0021111	.0004233	.000142	.012768	.098898	.000746
%RSD	3.429924	10.53511	5.508484	41.78134	.4328928	1.707549	17.82813

#1	2.248376	.0177755	.0074222	-.000192	2.961923	5.695677	-.004195
#2	2.140370	.0203862	.0081736	-.000475	2.936415	5.893261	-.004921
#3	2.106095	.0219546	.0074599	-.000352	2.950211	5.786529	-.003430

Sample Name: K3769-07 Acquired: 07/25/2019 18:58:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52Q5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017824	-.006317	.2209903
Stddev	.0004362	.002071	.0013788
%RSD	24.47487	32.78473	.6239162

#1	.0020370	-.004117	.2195978
#2	.0020315	-.008229	.2223550
#3	.0012787	-.006605	.2210182

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.399	2714.092	33155.20	5481.032	3041.209
Stddev	8.802	1.454	283.24	43.435	1.624
%RSD	.5418910	.0535600	.8542875	.7924653	.0533978

#1	1619.336	2712.810	32878.31	5523.344	3040.647
#2	1634.564	2713.793	33444.39	5436.554	3039.941
#3	1619.299	2715.671	33142.88	5483.196	3043.040

Sample Name: K3769-06 Acquired: 07/25/2019 18:54:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52P9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118523	.0033490	.0086219	.0009906	-.004470	-.005098	.0556118
Stddev	.0021205	.0014957	.0020484	.0010476	.001371	.006143	.0004964
%RSD	17.89118	44.66007	23.75777	105.7586	30.68089	120.5000	.8925930

#1	.0100726	.0040259	.0090056	.0002064	-.003084	.001565	.0550507
#2	.0141985	.0043865	.0064088	.0021804	-.005826	-.006321	.0557911
#3	.0112858	.0016345	.0104513	.0005851	-.004500	-.010538	.0559936

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000321	-.000178	39.77660	.0113411	.0045467	.0018361	5.838816
Stddev	.0000637	.000042	.21080	.0002521	.0001645	.0031523	.004511
%RSD	198.4254	23.73625	.5299506	2.222766	3.617870	171.6823	.0772544

#1	.0000992	-.000225	39.56819	.0116150	.0045054	-.001300	5.843725
#2	-.000027	-.000162	39.77190	.0111187	.0047280	.001805	5.837872
#3	.000024	-.000146	39.98970	.0112896	.0044069	.005004	5.834853

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.147619	9.128268	.0043002	-.000612	107.4303	.0004574	.0127933
Stddev	.013956	.033591	.0002713	.000226	.4034	.0014446	.0014344
%RSD	.4433724	.3679893	6.308445	36.91202	.3755185	315.8359	11.21211

#1	3.136401	9.119297	.0041321	-.000838	107.0626	.0006852	.0135473
#2	3.143209	9.100073	.0041554	-.000386	107.3665	-.001088	.0136935
#3	3.163246	9.165434	.0046132	-.000611	107.8618	.001774	.0111392

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.995985	.0310122	.0134451	.0007532	.4802757	6.543141	-.003995
Stddev	.010048	.0020210	.0000692	.0002940	.0022063	.016876	.000313
%RSD	.5033884	6.516859	.5148319	39.03726	.4593894	.2579213	7.845008

#1	1.986985	.0317795	.0134962	.0009598	.4800920	6.524483	-.004239
#2	2.006826	.0325372	.0133663	.0004166	.4825682	6.557340	-.003642
#3	1.994144	.0287199	.0134728	.0008832	.4781670	6.547600	-.004106

Sample Name: K3769-06 Acquired: 07/25/2019 18:54:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52P9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016812	-.005888	.2366700
Stddev	.0000773	.002959	.0010452
%RSD	4.601050	50.24370	.4416387

#1	.0016709	-.007277	.2354658
#2	.0017632	-.002491	.2373413
#3	.0016096	-.007897	.2372030

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1625.646	2710.268	33199.58	5493.595	3041.386
Stddev	.679	3.066	206.55	19.743	3.965
%RSD	.0417849	.1131386	.6221565	.3593736	.1303801

#1	1626.067	2708.292	33240.60	5510.692	3043.324
#2	1626.009	2708.712	32975.59	5498.106	3036.824
#3	1624.863	2713.801	33382.55	5471.987	3044.010

Sample Name: K3769-09 Acquired: 07/25/2019 19:06:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52M9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065442	.0035849	.0071070	-.000588	-.004965	-.014545	.0491696
Stddev	.0013389	.0027673	.0002387	.000839	.000805	.005085	.0008701
%RSD	20.45975	77.19365	3.358230	142.7055	16.21390	34.96258	1.769516

#1	.0074581	.0014826	.0071999	-.001488	-.004447	-.020018	.0483136
#2	.0050073	.0025520	.0072852	-.000451	-.004556	-.013651	.0491423
#3	.0071673	.0067202	.0068358	.000174	-.005893	-.009966	.0500531

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	-.000177	35.64981	.0077955	.0023871	.0020938	2.995897
Stddev	.000099	.000040	.30794	.0003515	.0001060	.0012584	.024559
%RSD	7021.403	22.73506	.8637837	4.508557	4.441418	60.10172	.8197543

#1	-.000086	-.000188	35.31276	.0081664	.0022981	.0027286	2.968151
#2	.000107	-.000133	35.72023	.0074675	.0025044	.0029084	3.004697
#3	-.000025	-.000211	35.91644	.0077525	.0023589	.0006444	3.014844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.667537	6.730533	.0163737	-.000479	131.9354	.0006926	.0066985
Stddev	.020181	.091067	.0003320	.000376	.6921	.0007152	.0005190
%RSD	.7565498	1.353047	2.027432	78.46543	.5245553	103.2679	7.747760

#1	2.644238	6.629709	.0163543	-.000684	131.1386	.0014752	.0065569
#2	2.678821	6.806813	.0167150	-.000045	132.2808	.0005296	.0062649
#3	2.679552	6.755077	.0160519	-.000709	132.3869	.0000729	.0072735

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.083267	.0085124	.0453001	.0004029	2.062822	5.201651	-.005991
Stddev	.063996	.0006773	.0010379	.0000519	.007588	.065809	.000751
%RSD	5.907721	7.956975	2.291085	12.89270	.3678257	1.265161	12.53256

#1	1.034441	.0087409	.0441161	.0003665	2.059133	5.130977	-.006448
#2	1.059644	.0090460	.0457318	.0004624	2.057785	5.261169	-.005124
#3	1.155717	.0077504	.0460524	.0003798	2.071549	5.212809	-.006400

Sample Name: K3769-09 Acquired: 07/25/2019 19:06:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52M9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008575	.0306432	.2113710
Stddev	.0004475	.0014539	.0004709
%RSD	52.18182	4.744532	.2228019

#1	.0012541	.0289826	.2111214
#2	.0009460	.0312598	.2119142
#3	.0003724	.0316872	.2110773

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1635.506	2698.242	33227.55	5571.972	3032.536
Stddev	12.665	6.140	328.43	49.407	8.149
%RSD	.7743817	.2275651	.9884151	.8867018	.2687332

#1	1628.178	2696.856	32984.06	5627.144	3026.410
#2	1650.130	2692.913	33601.08	5556.960	3029.413
#3	1628.210	2704.957	33097.50	5531.813	3041.785

Sample Name: K3769-08 Acquired: 07/25/2019 19:02:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52L7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051456	.0041219	.0089005	.0000951	-.005926	.0036391	.0478626
Stddev	.0008313	.0021064	.0003321	.0015123	.000825	.0063530	.0002106
%RSD	16.15569	51.10238	3.731416	1589.520	13.91393	174.5746	.4400849

#1	.0057039	.0028408	.0088238	-.001644	-.006873	.0003254	.0480358
#2	.0055428	.0065529	.0092642	.000833	-.005538	-.000372	.0479239
#3	.0041902	.0029719	.0086134	.001097	-.005368	.010964	.0476282

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001275	-.000095	36.50623	.0013864	.0007635	.0038009	.1772817
Stddev	.0000465	.000059	.18011	.0000628	.0001285	.0005900	.0073784
%RSD	36.46915	62.57939	.4933630	4.533594	16.82965	15.52290	4.161988

#1	.0001810	-.000065	36.71384	.0013744	.0008975	.0044030	.1812043
#2	.0001043	-.000163	36.39172	.0014544	.0006414	.0037759	.1818702
#3	.0000972	-.000056	36.41314	.0013304	.0007515	.0032237	.1687704

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6762784	6.131365	.0061205	-.000249	152.3258	-.000133	.0052132
Stddev	.0022769	.020289	.0003318	.000371	.6370	.001504	.0007743
%RSD	.3366803	.3309037	5.421290	148.9120	.4181585	1130.979	14.85222

#1	.6775472	6.145896	.0063269	-.000230	153.0403	.001477	.0044277
#2	.6736498	6.108185	.0057378	-.000629	151.8173	-.000375	.0052361
#3	.6776383	6.140014	.0062969	.000112	152.1200	-.001501	.0059758

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.542060	.0019469	.0630654	-.000203	6.310263	7.938587	-.005005
Stddev	.058605	.0015242	.0003838	.000424	.042853	.094785	.000104
%RSD	1.654534	78.28704	.6085722	208.8065	.6790964	1.193981	2.077007

#1	3.568019	.0004054	.0626368	-.000553	6.352786	7.973686	-.004942
#2	3.583202	.0034531	.0631819	-.000326	6.310914	8.010816	-.004948
#3	3.474960	.0019823	.0633774	.000269	6.267088	7.831258	-.005125

Sample Name: K3769-08 Acquired: 07/25/2019 19:02:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52L7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016769	.0449481	.2098819
Stddev	.0003858	.0021086	.0004049
%RSD	23.00838	4.691255	.1928962

#1	.0018013	.0451443	.2102875
#2	.0019852	.0469519	.2094778
#3	.0012442	.0427483	.2098803

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1624.250	2702.147	33000.95	5502.083	3035.331
Stddev	9.886	4.565	76.32	38.641	7.094
%RSD	.6086542	.1689449	.2312676	.7022904	.2337060

#1	1626.857	2707.404	32953.49	5469.392	3042.325
#2	1632.572	2699.183	33088.99	5492.130	3028.142
#3	1613.322	2699.855	32960.37	5544.726	3035.527

Sample Name: CCB029 Acquired: 07/25/2019 19:14:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021601	.0006498	-.000149	.0034996	-.001183	-.014465	.0011161
Stddev	.0014442	.0016117	.001856	.0018071	.001314	.011757	.0002843
%RSD	66.85577	248.0156	1245.686	51.63725	111.1044	81.27954	25.46747

#1	.0031296	.0018143	-.000258	.0053953	-.002651	-.007900	.0007880
#2	.0028505	-.001190	.001759	.0033068	-.000115	-.007456	.0012721
#3	.0005003	.001325	-.001948	.0017966	-.000783	-.028038	.0012883

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000246	-.000021	.0163158	.0005001	.0004525	.0077237	.0261845
Stddev	.0000306	.000027	.0059577	.0003960	.0003593	.0019757	.0061854
%RSD	124.1886	128.0978	36.51513	79.18198	79.39530	25.57982	23.62226

#1	-.000008	-.000037	.0231929	.0005114	.0004877	.0090594	.0280821
#2	.000029	.000010	.0130278	.0000986	.0000769	.0086577	.0192726
#3	.000053	-.000036	.0127266	.0008902	.0007929	.0054542	.0311987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013703	.0163514	-.000151	-.000664	.5349539	-.002287	.0003178
Stddev	.0005753	.0163372	.000107	.000224	.0714637	.002632	.0008764
%RSD	41.98663	99.91322	70.47656	33.72248	13.35886	115.0848	275.8122

#1	.0014205	-.000907	-.000253	-.000548	.6067164	.000647	.0013005
#2	.0019188	.018385	-.000040	-.000522	.5343526	-.004440	.0000354
#3	.0007715	.031577	-.000162	-.000922	.4637927	-.003068	-.000383

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.300649	-.000299	.0024417	.0012071	-.000236	-.000307	-.001485
Stddev	.055516	.000768	.0005629	.0002664	.001638	.000577	.000728
%RSD	18.46542	256.7768	23.05447	22.06936	695.4823	187.8769	49.02659

#1	-.239678	-.000574	.0030098	.0014126	-.002122	-.000721	-.000695
#2	-.348280	-.000892	.0024313	.0013027	.000834	.000352	-.002128
#3	-.313987	.000569	.0018841	.0009061	.000581	-.000553	-.001632

Sample Name: CCB029 Acquired: 07/25/2019 19:14:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB029 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0027603	-.001278	.0001017
Stddev	.0014930	.000588	.0000725
%RSD	54.08594	46.01229	71.27727

#1	.0043014	-.000799	.0001563
#2	.0013207	-.001102	.0000195
#3	.0026589	-.001934	.0001294

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1535.170	2533.731	31167.24	5060.996	2788.180
Stddev	5.964	1.333	112.59	28.477	2.721
%RSD	.3884600	.0526113	.3612514	.5626704	.0975744

#1	1529.366	2534.458	31088.51	5078.129	2786.038
#2	1534.863	2534.543	31117.01	5028.123	2787.262
#3	1541.281	2532.193	31296.21	5076.734	2791.241

Sample Name: CCV029 Acquired: 07/25/2019 19:10:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV029 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.831394	4.958750	24.74127	4.773520	4.906819	398.1632
Stddev	.019204	.015301	.02752	.005357	.013645	6.2685
%RSD	.3974908	.3085713	.1112224	.1122227	.2780801	1.574352

#1	4.823014	4.946662	24.72502	4.779476	4.894309	398.4616
#2	4.817804	4.953633	24.72575	4.771986	4.904779	404.2772
#3	4.853364	4.975954	24.77304	4.769097	4.921369	391.7509

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.20821	.5008582	2.379887	395.7912	15.06768	2.488215
Stddev	.01598	.0056370	.001764	.5039	.04661	.001745
%RSD	.1565823	1.125470	.0741051	.1273166	.3093499	.0701196

#1	10.19029	.4951623	2.381304	395.5595	15.09197	2.488188
#2	10.22099	.5064344	2.377912	395.4448	15.01394	2.486485
#3	10.21334	.5009777	2.380445	396.3693	15.09713	2.489974

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98811	400.6718	14.73409	392.7901	2.495541	1.246747
Stddev	.01912	.2798	.01699	.7235	.005618	.007090
%RSD	.1275897	.0698374	.1153271	.1842025	.2251033	.5686495

#1	14.99348	400.3563	14.72070	391.9956	2.491332	1.247702
#2	15.00397	400.7692	14.72836	392.9636	2.493370	1.239227
#3	14.96687	400.8899	14.75320	393.4112	2.501920	1.253310

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	387.7714	2.480291	13.81861	153.4671	F 5.650609	5.364966
Stddev	1.2207	.008075	.10419	.6729	.024131	.032846
%RSD	.3148057	.3255731	.7539510	.4384466	.4270582	.6122320

#1	387.1673	2.482590	13.90745	152.7421	5.624480	5.329922
#2	389.1764	2.486967	13.70394	154.0716	5.655292	5.395050
#3	386.9705	2.471315	13.84444	153.5874	5.672056	5.369925

Sample Name: CCV029 Acquired: 07/25/2019 19:10:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV029 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.855774	4.963542	4.949341	4.981935	4.947096	5.045292
Stddev	.011856	.009150	.041798	.008830	.011034	.012145
%RSD	.2441703	.1843410	.8445241	.1772402	.2230466	.2407244

#1	4.843900	4.957818	4.902799	4.979162	4.958816	5.031720
#2	4.855809	4.958712	4.983679	4.974826	4.936908	5.049021
#3	4.867612	4.974094	4.961545	4.991819	4.945564	5.055136

Elem	Sr4077
Units	ppm
Avg	4.927549
Stddev	.085888
%RSD	1.743021

#1	4.844323
#2	4.922451
#3	5.015872

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1307.393	2259.472	28971.37	4978.670	2636.672
Stddev	1.971	1.149	214.90	25.422	.314
%RSD	.1507804	.0508335	.7417557	.5106276	.0119127

#1	1307.039	2260.796	28891.02	5007.920	2637.023
#2	1309.517	2258.758	29214.86	4966.199	2636.419
#3	1305.622	2258.861	28808.22	4961.892	2636.572

Sample Name: K3769-11 Acquired: 07/25/2019 19:23:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52P1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132914	.0024134	.0122991	.0002048	-.004592	.0621930	.0238215
Stddev	.0029410	.0003411	.0020786	.0010656	.000686	.0106337	.0005727
%RSD	22.12714	14.13189	16.90067	520.3369	14.93165	17.09798	2.404074

#1	.0166542	.0024422	.0099644	-.000126	-.003812	.0506250	.0237607
#2	.0120198	.0027391	.0129842	.001397	-.005098	.0644114	.0244221
#3	.0112001	.0020589	.0139486	-.000656	-.004867	.0715425	.0232816

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002061	-.000228	23.20666	.0052218	.0011797	.0017263	6.659016
Stddev	.0000950	.000040	.43377	.0001091	.0004237	.0012779	.042725
%RSD	46.10531	17.33837	1.869167	2.089462	35.92060	74.02160	.6416130

#1	.0002487	-.000269	23.19019	.0051822	.0012951	.0011541	6.635593
#2	.0002724	-.000190	23.64843	.0053452	.0015337	.0031903	6.708330
#3	.0000973	-.000225	22.78136	.0051380	.0007102	.0008346	6.633125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6637764	6.226218	.0024866	-.000683	75.91440	-.000116	.0046377
Stddev	.0076175	.058455	.0003385	.000288	.81668	.001551	.0011542
%RSD	1.147596	.9388586	13.61230	42.14339	1.075791	1339.458	24.88705

#1	.6625941	6.223779	.0021133	-.000355	75.95420	-.001903	.0041955
#2	.6719159	6.285855	.0025730	-.000798	76.71045	.000887	.0037699
#3	.6568192	6.169020	.0027734	-.000896	75.07854	.000669	.0059475

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.617989	.1564280	.0148572	.0000109	.5626320	10.20599	-.002305
Stddev	.013443	.0018628	.0005064	.0003987	.0040352	.18715	.000356
%RSD	.5134776	1.190863	3.408715	3669.067	.7172014	1.833724	15.45340

#1	2.630859	.1582273	.0153465	-.000432	.5618480	10.17664	-.002695
#2	2.604039	.1565492	.0148898	.000123	.5590463	10.40608	-.002222
#3	2.619071	.1545075	.0143352	.000341	.5670017	10.03525	-.001997

Sample Name: K3769-11 Acquired: 07/25/2019 19:23:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52P1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0032521	-.003453	.1330283
Stddev	.0008854	.001837	.0003463
%RSD	27.22630	53.19892	.2603497

#1	.0025575	-.003499	.1327053
#2	.0029497	-.001593	.1329858
#3	.0042491	-.005266	.1333940

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1643.765	2736.994	33333.01	5573.578	3047.346
Stddev	13.245	4.361	182.95	83.574	1.499
%RSD	.8057983	.1593367	.5488492	1.499470	.0491782

#1	1628.754	2738.602	33135.87	5557.776	3048.055
#2	1653.810	2740.323	33497.32	5499.032	3045.625
#3	1648.731	2732.057	33365.84	5663.924	3048.359

Sample Name: K3769-10 Acquired: 07/25/2019 19:18:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52N3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169768	.0046548	.0082928	.0009677	-.005309	.0502093	.0323843
Stddev	.0005886	.0009440	.0009820	.0017220	.001331	.0175375	.0007434
%RSD	3.466860	20.28004	11.84149	177.9513	25.06419	34.92873	2.295524

#1	.0173548	.0057203	.0093695	.0004743	-.004868	.0341841	.0316529
#2	.0172770	.0043210	.0080624	.0028824	-.006804	.0475000	.0323610
#3	.0162987	.0039229	.0074465	-.000454	-.004255	.0689437	.0331391

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003302	-.000439	33.47080	.0507895	.0021632	.0225735	16.70453
Stddev	.0000421	.000045	.20792	.0005128	.0001687	.0021919	.09167
%RSD	12.74125	10.33147	.6212050	1.009595	7.797946	9.710234	.5487947

#1	.0002935	-.000430	33.27637	.0508407	.0020305	.0229925	16.63633
#2	.0003209	-.000399	33.69000	.0502530	.0023530	.0202023	16.80874
#3	.0003761	-.000488	33.44603	.0512747	.0021060	.0245257	16.66852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6202630	6.231294	.0355562	-.001645	107.1334	.0020145	.0062341
Stddev	.0033807	.042714	.0001971	.000127	.0432	.0020277	.0009362
%RSD	.5450454	.6854705	.5543174	7.739728	.0403528	100.6557	15.01734

#1	.6171113	6.204254	.0353794	-.001565	107.1229	.0037753	.0073085
#2	.6238337	6.280537	.0357687	-.001792	107.1810	-.000202	.0057998
#3	.6198438	6.209092	.0355203	-.001579	107.0964	.002471	.0055939

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.484404	.1183412	.0600305	.0069159	.4014258	2.983152	.0063811
Stddev	.017806	.0017071	.0001909	.0001404	.0036227	.016630	.0002090
%RSD	3.675753	1.442500	.3179391	2.029935	.9024537	.5574484	3.274874

#1	-.463845	.1163734	.0601012	.0070621	.4013863	2.964370	.0065681
#2	-.494828	.1194234	.0601759	.0067821	.3978230	2.996003	.0064197
#3	-.494540	.1192270	.0598144	.0069034	.4050681	2.989083	.0061555

Sample Name: K3769-10 Acquired: 07/25/2019 19:18:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52N3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0027045	.0159597	.1909163
Stddev	.0016023	.0019557	.0010770
%RSD	59.24492	12.25364	.5641067

#1	.0008793	.0171769	.1896738
#2	.0033547	.0137039	.1914932
#3	.0038795	.0169984	.1915820

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1654.899	2751.916	33381.97	5494.115	3072.723
Stddev	6.382	1.206	109.06	15.683	3.192
%RSD	.3856716	.0438168	.3266984	.2854530	.1038916

#1	1661.923	2751.001	33412.07	5511.083	3073.473
#2	1653.319	2751.464	33472.82	5491.109	3069.223
#3	1649.455	2753.282	33261.03	5480.152	3075.474

Sample Name: K3769-14 Acquired: 07/25/2019 19:31:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52L1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049467	.0042724	.0073704	-.000847	-.004349	.0265052	.0302118
Stddev	.0003357	.0011499	.0020843	.001293	.000571	.0043395	.0000945
%RSD	6.786859	26.91474	28.27956	152.7056	13.12827	16.37241	.3129237

#1	.0050856	.0050419	.0096937	-.002169	-.004575	.0314963	.0302575
#2	.0045638	.0029505	.0056647	-.000789	-.004771	.0236250	.0302749
#3	.0051906	.0048247	.0067527	.000416	-.003699	.0243942	.0301031

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000841	-.000082	18.38028	.0034051	.0003398	.0040444	.5465578
Stddev	.0000201	.000032	.18310	.0003616	.0001596	.0008661	.0079300
%RSD	23.91288	38.20735	.9961918	10.61891	46.97209	21.41372	1.450894

#1	.0000760	-.000060	18.17011	.0030740	.0003369	.0050441	.5403094
#2	.0001070	-.000068	18.46544	.0033502	.0001816	.0035252	.5438853
#3	.0000694	-.000119	18.50530	.0037909	.0005008	.0035637	.5554788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4997670	2.670642	.0040049	-.000330	102.6154	-.001523	.0099493
Stddev	.0026265	.016328	.0000949	.000241	.5617	.001498	.0003354
%RSD	.5255373	.6113773	2.370511	73.03916	.5473885	98.35761	3.371449

#1	.4967870	2.659228	.0038991	-.000553	102.0048	-.002900	.0097538
#2	.5017448	2.689344	.0040329	-.000362	103.1102	-.001740	.0103366
#3	.5007691	2.663353	.0040827	-.000075	102.7314	.000072	.0097574

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.611212	.0091655	.0421766	-.000030	2.884668	5.310369	-.002800
Stddev	.047789	.0014942	.0015094	.000216	.008974	.036701	.001407
%RSD	2.966054	16.30202	3.578679	714.7636	.3110910	.6911125	50.25885

#1	1.556113	.0074440	.0404801	.000097	2.875454	5.281641	-.002608
#2	1.641395	.0099265	.0426788	-.000280	2.885171	5.297753	-.001498
#3	1.636127	.0101260	.0433708	.000093	2.893381	5.351714	-.004293

Sample Name: K3769-14 Acquired: 07/25/2019 19:31:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52L1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016378	.0107073	.1109965
Stddev	.0008195	.0020854	.0002143
%RSD	50.03737	19.47616	.1930513

#1	.0007994	.0125841	.1107560
#2	.0016769	.0110754	.1111669
#3	.0024371	.0084624	.1110667

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1665.484	2742.036	33676.99	5513.005	3073.415
Stddev	8.963	6.344	128.06	25.800	6.202
%RSD	.5381516	.2313658	.3802586	.4679804	.2017933

#1	1666.403	2747.738	33785.13	5540.423	3075.495
#2	1656.097	2743.169	33535.58	5509.387	3078.310
#3	1673.951	2735.202	33710.28	5489.206	3066.441

Sample Name: K3769-12 Acquired: 07/25/2019 19:27:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52V3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0460822	.0022087	.0565238	.0028693	.1155317	1.907744	.0005553
Stddev	.0014816	.0011840	.0009671	.0007893	.0004233	.078135	.0004134
%RSD	3.215090	53.60337	1.710986	27.50713	.3664180	4.095696	74.43972

#1	.0472348	.0010701	.0575776	.0019649	.1152862	1.997871	.0003814
#2	.0466007	.0021227	.0556769	.0034189	.1160205	1.866275	.0010272
#3	.0444111	.0034333	.0563169	.0032241	.1152883	1.859085	.0002573

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0370194	-.000114	17.12102	.0917229	-.000098	.2710376	1.096123
Stddev	.0012451	.000109	.59350	.0003769	.000096	.0123482	.042086
%RSD	3.363269	95.99045	3.466506	.4108581	97.39522	4.555882	3.839515

#1	.0383805	-.000193	17.78923	.0915293	-.000012	.2849764	1.143931
#2	.0367397	.000011	16.91870	.0921572	-.000082	.2614686	1.079768
#3	.0359379	-.000159	16.65513	.0914822	-.000201	.2666676	1.064670

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0497169	-.013382	.0013240	.0250714	.2280095	.1325433	.1620281
Stddev	.0020605	.002147	.0002669	.0002107	.1527846	.0074240	.0024157
%RSD	4.144506	16.04658	20.15772	.8402240	67.00799	5.601215	1.490882

#1	.0519763	-.015051	.0013637	.0248581	.3843061	.1403638	.1643953
#2	.0492331	-.014135	.0015689	.0250768	.2207249	.1316739	.1595668
#3	.0479413	-.010960	.0010395	.0252793	.0789975	.1255922	.1621223

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.19350	.0015477	-.004837	.0006329	.0014884	.0009152	-.002765
Stddev	.44016	.0022350	.000471	.0003568	.0032551	.0002388	.000888
%RSD	3.932243	144.4074	9.744340	56.37538	218.7039	26.09287	32.12463

#1	11.70174	.0035360	-.005169	.0008791	.0044526	.0010385	-.002021
#2	10.93688	.0019784	-.005046	.0007959	.0020076	.0010671	-.002525
#3	10.94188	-.000871	-.004298	.0002237	-.001995	.0006399	-.003748

Sample Name: K3769-12 Acquired: 07/25/2019 19:27:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52V3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013158	-.000937	.0021633
Stddev	.0002091	.000835	.0000819
%RSD	15.88996	89.16495	3.784638

#1	.0011321	-.000128	.0022424
#2	.0015433	-.001796	.0020789
#3	.0012721	-.000886	.0021686

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1511.772	2509.489	31034.16	5087.352	2802.024
Stddev	3.583	6.357	223.12	133.970	5.307
%RSD	.2369959	.2533011	.7189531	2.633394	.1893860

#1	1509.061	2503.057	31110.68	4937.381	2799.345
#2	1515.834	2515.767	31208.96	5129.481	2808.136
#3	1510.421	2509.644	30782.85	5195.193	2798.591

Sample Name: K3769-18 Acquired: 07/25/2019 19:35:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52N5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100118	.0031396	.0025433	-.000931	-.004770	-.003841	.0143319
Stddev	.0009924	.0007658	.0010176	.001432	.001052	.003914	.0004244
%RSD	9.912104	24.39248	40.01024	153.8034	22.05235	101.8952	2.961096

#1	.0105443	.0039866	.0037164	.000708	-.003557	-.001908	.0141429
#2	.0106242	.0024959	.0020134	-.001559	-.005432	-.008345	.0148180
#3	.0088668	.0029364	.0019000	-.001941	-.005320	-.001270	.0140349

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001442	-.000230	18.38444	.0062234	.0033203	.0012316	3.874674
Stddev	.0000421	.000069	.13589	.0003525	.0001960	.0012946	.025103
%RSD	29.21443	29.94487	.7391634	5.663754	5.903487	105.1198	.6478701

#1	.0000958	-.000278	18.25793	.0060174	.0032491	-.000250	3.864645
#2	.0001648	-.000151	18.36729	.0060224	.0031698	.002144	3.856136
#3	.0001721	-.000262	18.52809	.0066304	.0035420	.001801	3.903241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7158070	3.197910	.0035420	-.000628	34.86425	-.001595	.0039350
Stddev	.0046019	.017224	.0002080	.000045	.15409	.000695	.0006918
%RSD	.6429017	.5386054	5.872062	7.108021	.4419686	43.56225	17.58123

#1	.7140691	3.189141	.0037686	-.000625	34.97144	-.001796	.0031851
#2	.7123271	3.186835	.0034977	-.000585	34.68767	-.000822	.0040713
#3	.7210248	3.217754	.0033598	-.000674	34.93365	-.002167	.0045485

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1024866	.0196619	.0157832	-.000054	.6022439	.8914175	-.002947
Stddev	.0192046	.0015419	.0003381	.000141	.0063640	.0071219	.000589
%RSD	18.73865	7.842151	2.141825	259.7761	1.056716	.7989392	19.97246

#1	.1025333	.0211588	.0160132	.000016	.6018174	.8831971	-.002303
#2	.1216679	.0180786	.0153950	-.000217	.5961039	.8953286	-.003457
#3	.0832587	.0197485	.0159413	.000038	.6088105	.8957269	-.003081

Sample Name: K3769-18 Acquired: 07/25/2019 19:35:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52N5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016617	-.001720	.1000546
Stddev	.0015961	.002746	.0000702
%RSD	96.04946	159.6455	.0701442

#1	.0017675	.001302	.0999768
#2	.0000154	-.004061	.1000740
#3	.0032023	-.002401	.1001131

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1662.455	2732.844	33799.01	5564.509	3027.181
Stddev	16.802	2.211	86.36	14.545	4.735
%RSD	1.010701	.0808932	.2555066	.2613834	.1564247

#1	1643.184	2734.926	33715.56	5580.000	3028.387
#2	1674.034	2733.082	33793.47	5551.145	3031.197
#3	1670.148	2730.524	33888.01	5562.381	3021.960

Sample Name: K3769-19 Acquired: 07/25/2019 19:39:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52N9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113348	.0023795	.0099337	.0021935	-.004740	.2002170	.0459479
Stddev	.0017882	.0012380	.0005608	.0008699	.000427	.0086831	.0006077
%RSD	15.77579	52.02751	5.645425	39.65964	9.009983	4.336840	1.322614

#1	.0127216	.0013282	.0096478	.0031888	-.004388	.1933052	.0463466
#2	.0093166	.0020662	.0095736	.0015783	-.005215	.1973827	.0462487
#3	.0119662	.0037440	.0105799	.0018135	-.004618	.2099631	.0452485

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002205	-.000271	32.51217	.0252240	.0032311	.0102991	9.169330
Stddev	.0000451	.000047	.15995	.0003269	.0001579	.0005436	.031850
%RSD	20.44110	17.17142	.4919786	1.295853	4.887448	5.277968	.3473512

#1	.0001685	-.000275	32.35332	.0253792	.0030668	.0098896	9.173907
#2	.0002469	-.000222	32.67320	.0248485	.0033818	.0109158	9.198644
#3	.0002461	-.000315	32.50997	.0254444	.0032449	.0100920	9.135439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.355035	7.630909	.0075511	-.001021	92.75402	.0008862	.0046445
Stddev	.002000	.002708	.0003930	.000115	.74448	.0017748	.0009229
%RSD	.1476254	.0354906	5.204147	11.28790	.8026354	200.2571	19.87037

#1	1.353820	7.630333	.0071140	-.000987	91.97410	-.000368	.0056862
#2	1.357344	7.633859	.0078752	-.000926	92.83087	.002917	.0043186
#3	1.353942	7.628535	.0076640	-.001149	93.45710	.000110	.0039289

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.336375	.1044693	.0219084	-.000070	.6237368	7.120640	-.002438
Stddev	.075852	.0022019	.0007811	.000159	.0072101	.096277	.000075
%RSD	5.675980	2.107713	3.565383	226.7699	1.155949	1.352081	3.088780

#1	1.248807	.1051378	.0214077	.000056	.6157640	7.028814	-.002389
#2	1.378585	.1062595	.0228085	-.000018	.6256468	7.220822	-.002399
#3	1.381733	.1020106	.0215090	-.000249	.6297995	7.112283	-.002524

Sample Name: K3769-19 Acquired: 07/25/2019 19:39:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52N9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0122203	-.003442	.1932164
Stddev	.0007117	.001412	.0001109
%RSD	5.824064	41.01694	.0574040

#1	.0122869	-.002926	.1933427
#2	.0114776	-.005039	.1931351
#3	.0128963	-.002361	.1931713

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1633.645	2727.288	33256.92	5462.965	3049.461
Stddev	11.829	6.968	280.66	33.128	4.247
%RSD	.7240713	.2554880	.8439269	.6064147	.1392806

#1	1625.605	2720.293	33254.56	5499.806	3045.446
#2	1647.227	2727.342	33538.75	5435.626	3049.028
#3	1628.102	2734.229	32977.44	5453.463	3053.907

Sample Name: K3769-20 Acquired: 07/25/2019 19:43:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52K5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060397	.0053579	.0098960	.0007629	-.004733	.0321739	.0313862
Stddev	.0006708	.0012192	.0006644	.0010156	.001785	.0071455	.0006770
%RSD	11.10709	22.75443	6.713524	133.1121	37.71529	22.20907	2.156892

#1	.0056139	.0049391	.0102709	.0012428	-.006180	.0403730	.0306564
#2	.0068130	.0044033	.0091289	.0014496	-.005281	.0272749	.0319936
#3	.0056923	.0067312	.0102882	-.000404	-.002738	.0288737	.0315087

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001313	-.000220	22.44306	.0045142	.0009053	.0007062	1.517612
Stddev	.0000763	.000070	.16653	.0003480	.0001659	.0007957	.013506
%RSD	58.14125	31.94246	.7420298	7.708549	18.32784	112.6740	.8899699

#1	.0001105	-.000289	22.25098	.0041203	.0010797	-.000192	1.507588
#2	.0002158	-.000149	22.54702	.0047798	.0007494	.001323	1.532971
#3	.0000675	-.000222	22.53118	.0046426	.0008868	.000987	1.512276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.040191	2.954183	.0064924	-.000013	102.5040	-.000525	.0052489
Stddev	.005507	.015391	.0003299	.000307	.4082	.002534	.0012569
%RSD	.5293878	.5210015	5.080552	2329.959	.3982144	482.6100	23.94556

#1	1.034812	2.941253	.0068726	-.000351	102.1230	-.002152	.0049874
#2	1.045817	2.950088	.0063228	.000064	102.9348	.002395	.0041433
#3	1.039942	2.971208	.0062819	.000248	102.4542	-.001818	.0066159

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.542870	.0044693	.1944619	-.000216	8.646117	8.348212	-.003185
Stddev	.035988	.0005646	.0034867	.000153	.017196	.088522	.001441
%RSD	1.015774	12.63277	1.793018	70.89315	.1988870	1.060376	45.25281

#1	3.582607	.0041882	.1906223	-.000043	8.627019	8.283465	-.002046
#2	3.533528	.0051192	.1974307	-.000334	8.660373	8.449084	-.004805
#3	3.512474	.0041004	.1953328	-.000270	8.650958	8.312087	-.002702

Sample Name: K3769-20 Acquired: 07/25/2019 19:43:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52K5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008840	-.004770	.1378926
Stddev	.0007158	.000426	.0003616
%RSD	80.97323	8.937111	.2622341

#1	.0016009	-.004636	.1376986
#2	.0008820	-.004428	.1383098
#3	.0001692	-.005248	.1376693

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1650.082	2729.739	33240.37	5509.951	3044.195
Stddev	11.473	1.904	102.38	47.659	4.404
%RSD	.6952858	.0697654	.3079927	.8649623	.1446702

#1	1648.905	2727.624	33183.56	5564.526	3042.374
#2	1662.098	2731.319	33358.55	5476.532	3049.217
#3	1639.243	2730.275	33178.98	5488.796	3040.993

Sample Name: K3769-21 Acquired: 07/25/2019 19:47:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52K7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047390	.0042464	.0099670	.0009672	-.004849	.0111635	.0452388
Stddev	.0018225	.0034496	.0003866	.0011404	.001593	.0015516	.0003517
%RSD	38.45679	81.23508	3.879213	117.9017	32.85170	13.89898	.7774251

#1	.0037100	.0036972	.0096980	.0022010	-.004258	.0120979	.0449517
#2	.0068433	.0011044	.0104101	.0007487	-.006653	.0093724	.0451336
#3	.0036638	.0079377	.0097930	-.000048	-.003636	.0120201	.0456311

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000931	-.000131	28.45161	.0021050	.0004022	.0040774	1.074332
Stddev	.0000178	.000037	.11774	.0003868	.0000728	.0016255	.019718
%RSD	19.12819	27.88739	.4138148	18.37550	18.09920	39.86618	1.835400

#1	.0000906	-.000126	28.55311	.0017043	.0004045	.0045870	1.080036
#2	.0000767	-.000098	28.32253	.0024763	.0003282	.0053870	1.052390
#3	.0001121	-.000170	28.47921	.0021345	.0004738	.0022582	1.090569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.121507	3.937857	.0033244	-.000340	167.1036	-.002604	.0070168
Stddev	.006040	.021044	.0000088	.000225	.7494	.002144	.0018484
%RSD	.5386033	.5344032	.2638392	66.29586	.4484915	82.32127	26.34238

#1	1.124992	3.913888	.0033159	-.000597	167.1030	-.000148	.0049442
#2	1.114532	3.946383	.0033334	-.000178	166.3545	-.004100	.0076118
#3	1.124997	3.953300	.0033238	-.000245	167.8534	-.003564	.0084945

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.919024	.0072262	.0713364	-.000447	3.827921	7.282713	-.003670
Stddev	.028364	.0024623	.0012116	.000177	.024549	.054512	.000909
%RSD	.9716811	34.07504	1.698426	39.64130	.6413260	.7485068	24.77880

#1	2.886831	.0080716	.0704727	-.000622	3.832186	7.320224	-.003258
#2	2.929906	.0044526	.0708151	-.000450	3.850059	7.220183	-.003040
#3	2.940336	.0091545	.0727214	-.000268	3.801519	7.307732	-.004712

Sample Name: K3769-21 Acquired: 07/25/2019 19:47:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52K7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015437	.0045266	.1667474
Stddev	.0007526	.0023691	.0009992
%RSD	48.75643	52.33680	.5992163

#1	.0023526	.0017970	.1656663
#2	.0014143	.0057351	.1676370
#3	.0008641	.0060478	.1669388

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1623.718	2716.023	33052.13	5498.355	3046.397
Stddev	9.658	4.782	128.29	12.331	2.903
%RSD	.5948220	.1760536	.3881549	.2242665	.0952808

#1	1631.272	2710.868	33193.06	5494.078	3048.717
#2	1612.836	2716.887	32942.13	5512.255	3043.142
#3	1627.047	2720.313	33021.20	5488.731	3047.331

Sample Name: K3769-22 Acquired: 07/25/2019 19:51:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52K9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061389	.0044124	.0084208	-.000984	-.004750	.0236542	.0335017
Stddev	.0027579	.0014367	.0007037	.000859	.001206	.0124206	.0006297
%RSD	44.92399	32.56156	8.356493	87.31420	25.39207	52.50893	1.879497

#1	.0083389	.0051145	.0080665	-.001926	-.006121	.0367002	.0340643
#2	.0070329	.0053630	.0079647	-.000244	-.004276	.0222910	.0336192
#3	.0030450	.0027596	.0092312	-.000782	-.003853	.0119715	.0328215

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000996	-.000170	20.11012	.0024033	.0007619	.0039201	.8160308
Stddev	.0000844	.000012	.20593	.0002877	.0001192	.0008775	.0129971
%RSD	84.70290	7.177156	1.024000	11.97118	15.64749	22.38478	1.592719

#1	.0000669	-.000159	20.31153	.0020951	.0007062	.0048872	.8280587
#2	.0001955	-.000183	20.11887	.0024500	.0008988	.0031746	.8177900
#3	.0000365	-.000168	19.89995	.0026648	.0006808	.0036986	.8022437

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6713723	2.900651	.0038787	-.000063	115.3394	-.000098	.0083549
Stddev	.0057615	.032681	.0004985	.000219	.7553	.001736	.0011638
%RSD	.8581758	1.126672	12.85300	344.4142	.6548427	1776.377	13.92937

#1	.6767412	2.936511	.0036037	.000088	116.1137	-.002086	.0093818
#2	.6720903	2.872543	.0044542	.000036	115.2997	.001115	.0070908
#3	.6652854	2.892900	.0035783	-.000314	114.6047	.000678	.0085921

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.876394	.0083139	.0533234	.0000311	2.962150	6.360925	-.002874
Stddev	.064583	.0035785	.0010648	.0001709	.027555	.070467	.001209
%RSD	3.441892	43.04258	1.996796	549.0178	.9302215	1.107816	42.06427

#1	1.897870	.0122274	.0545445	.0002267	2.990192	6.371527	-.002801
#2	1.927503	.0052084	.0528371	-.000089	2.961146	6.425492	-.004118
#3	1.803808	.0075060	.0525886	-.000044	2.935111	6.285758	-.001703

Sample Name: K3769-22 Acquired: 07/25/2019 19:51:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52K9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012902	.0043985	.1209948
Stddev	.0002359	.0009636	.0005045
%RSD	18.28253	21.90644	.4169956

#1	.0011975	.0054907	.1215521
#2	.0015583	.0036687	.1208633
#3	.0011146	.0040361	.1205690

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1648.481	2718.726	33519.83	5551.019	3047.152
Stddev	2.585	1.064	74.19	63.792	8.969
%RSD	.1568139	.0391399	.2213306	1.149190	.2943428

#1	1648.332	2718.112	33454.53	5527.226	3051.583
#2	1651.137	2719.955	33600.51	5502.544	3036.830
#3	1645.974	2718.111	33504.47	5623.288	3053.044

Sample Name: K3769-23 Acquired: 07/25/2019 19:55:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52L3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076379	.0040958	.0087870	.0003903	-.004797	.0237028	.0478591
Stddev	.0009121	.0015784	.0010523	.0011064	.000323	.0069559	.0003321
%RSD	11.94205	38.53631	11.97603	283.4566	6.724327	29.34641	.6939586

#1	.0068843	.0030733	.0085731	-.000348	-.004436	.0300588	.0481489
#2	.0073775	.0033004	.0078580	-.000143	-.005056	.0162721	.0479318
#3	.0086519	.0059136	.0099298	.001662	-.004899	.0247776	.0474967

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001332	-.000109	34.39408	.0016138	.0009321	.0023618	.3155838
Stddev	.0000311	.000017	.16899	.0001712	.0003759	.0027992	.0082985
%RSD	23.31253	15.37283	.4913316	10.60788	40.32954	118.5202	2.629584

#1	.0001650	-.000121	34.43207	.0014349	.0005008	.0008839	.3128423
#2	.0001030	-.000115	34.54083	.0016305	.0011903	.0055902	.3090028
#3	.0001316	-.000090	34.20933	.0017761	.0011052	.0006112	.3249062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8187414	5.505461	.0068257	-.000222	160.6006	.0008229	.0073238
Stddev	.0033348	.033690	.0000588	.000313	.2642	.0027758	.0012360
%RSD	.4073135	.6119365	.8616082	140.9422	.1645309	337.3053	16.87638

#1	.8165631	5.472841	.0068200	-.000208	160.8841	.0026500	.0085043
#2	.8225805	5.503416	.0067699	.000084	160.5565	.0021901	.0060390
#3	.8170804	5.540127	.0068871	-.000542	160.3611	-.002371	.0074283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.512658	.0050247	.0598603	-.000038	5.527689	7.716873	-.004466
Stddev	.061071	.0014337	.0008578	.000294	.036729	.076115	.000787
%RSD	1.738591	28.53350	1.432939	767.6437	.6644574	.9863477	17.62986

#1	3.534575	.0043698	.0607948	-.000065	5.518537	7.783455	-.005366
#2	3.443653	.0066689	.0596775	-.000318	5.496401	7.733267	-.004127
#3	3.559745	.0040353	.0591087	.000268	5.568129	7.633897	-.003905

Sample Name: K3769-23 Acquired: 07/25/2019 19:55:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52L3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004969	.0453286	.2044068
Stddev	.0006157	.0013807	.0003420
%RSD	123.9069	3.045887	.1673367

#1	-.000026	.0444485	.2041718
#2	.000341	.0469199	.2047992
#3	.001176	.0446175	.2042494

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1642.402	2706.808	33222.86	5480.552	3043.648
Stddev	9.898	1.903	141.18	26.321	2.722
%RSD	.6026485	.0703127	.4249366	.4802546	.0894413

#1	1649.004	2708.259	33382.92	5455.390	3045.878
#2	1647.180	2704.653	33169.60	5478.371	3044.453
#3	1631.021	2707.511	33116.07	5507.895	3040.615

Sample Name: K3769-24 Acquired: 07/25/2019 19:59:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA52L5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054475	.0034983	.0102693	.0011077	-.006387	.0079753	.0142408
Stddev	.0012013	.0014777	.0016686	.0002735	.000981	.0103371	.0004231
%RSD	22.05203	42.23931	16.24856	24.68811	15.36678	129.6140	2.970734

#1	.0041309	.0050293	.0083491	.0013514	-.007366	.0158160	.0141867
#2	.0057277	.0033852	.0110922	.0008119	-.005403	.0118491	.0146883
#3	.0064840	.0020805	.0113667	.0011597	-.006391	-.003739	.0138474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001243	-.000149	18.19536	.0224842	.0012852	.0149442	.9282381
Stddev	.0000193	.000055	.10443	.0003157	.0000787	.0013651	.0041732
%RSD	15.50130	36.86943	.5739413	1.403887	6.126637	9.134896	.4495786

#1	.0001060	-.000122	18.25579	.0221235	.0012028	.0165052	.9244014
#2	.0001444	-.000213	18.25551	.0227097	.0012930	.0143535	.9276314
#3	.0001227	-.000113	18.07478	.0226195	.0013597	.0139738	.9326813

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3624980	3.657652	.0071159	-.000560	13.86231	-.002100	.0085471
Stddev	.0010631	.005400	.0002784	.000664	.26979	.000213	.0002469
%RSD	.2932727	.1476269	3.912697	118.5057	1.946197	10.14302	2.888918

#1	.3620708	3.662862	.0074089	.000003	13.66082	-.001857	.0088314
#2	.3637082	3.658014	.0070839	-.001292	14.16882	-.002253	.0083862
#3	.3617149	3.652081	.0068548	-.000392	13.75730	-.002191	.0084238

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.043137	.0073440	.0320480	-.000171	2.188053	9.342411	-.003697
Stddev	.010469	.0017546	.0008870	.000121	.010849	.095978	.001202
%RSD	1.003617	23.89152	2.767664	70.56990	.4958189	1.027337	32.52451

#1	1.040008	.0075731	.0310761	-.000193	2.175557	9.403538	-.004093
#2	1.034589	.0054862	.0322541	-.000279	2.193528	9.391906	-.002347
#3	1.054813	.0089729	.0328138	-.000041	2.195072	9.231789	-.004652

Sample Name: K3769-24 Acquired: 07/25/2019 19:59:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA52L5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0024578	-.006402	.1111334
Stddev	.0008355	.001016	.0003075
%RSD	33.99583	15.86815	.2767216

#1	.0019121	-.006217	.1107911
#2	.0020416	-.005491	.1113864
#3	.0034197	-.007497	.1112227

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1647.894	2731.152	33345.48	5445.847	2989.415
Stddev	4.192	3.765	168.81	45.739	4.582
%RSD	.2543866	.1378544	.5062427	.8398827	.1532628

#1	1647.616	2730.767	33528.85	5407.801	2994.335
#2	1652.219	2735.095	33311.07	5433.147	2988.639
#3	1643.849	2727.595	33196.53	5496.594	2985.271

Sample Name: CCV030 Acquired: 07/25/2019 20:03:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.836201	4.945727	25.01011	4.859508	4.852821	410.1836
Stddev	.009732	.003348	.03642	.005149	.005166	8.3655
%RSD	.2012251	.0676880	.1456142	.1059574	.1064603	2.039461

#1	4.835481	4.942850	24.99827	4.854814	4.850122	415.0713
#2	4.846272	4.949401	24.98108	4.858694	4.858778	400.5242
#3	4.826849	4.944930	25.05097	4.865015	4.849563	414.9554

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.38865	.5117929	2.429129	411.2929	15.11059	2.513791
Stddev	.10667	.0109967	.003630	5.0416	.04283	.005124
%RSD	1.026770	2.148655	.1494473	1.225797	.2834493	.2038259

#1	10.38036	.5083899	2.427625	408.6770	15.15372	2.516795
#2	10.28637	.5028999	2.426492	408.0969	15.06807	2.507875
#3	10.49922	.5240887	2.433269	417.1048	15.10999	2.516704

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.94364	407.9691	15.11744	401.3378	2.468053	1.281271
Stddev	.04232	3.0026	.15525	3.6364	.003660	.010894
%RSD	.2831799	.7359817	1.026956	.9060626	.1482875	.8502138

#1	14.98113	406.0773	15.01957	399.2158	2.465806	1.292441
#2	14.89775	406.3987	15.03629	399.2609	2.466076	1.280697
#3	14.95203	411.4312	15.29644	405.5366	2.472276	1.270677

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	394.9124	2.528630	13.95952	152.3880	F 5.636503	F 5.508633
Stddev	4.4135	.018554	.28387	.3034	.026709	.087804
%RSD	1.117590	.7337505	2.033502	.1990766	.4738602	1.593926

#1	392.1762	2.513170	13.98040	152.5455	5.608564	5.496860
#2	392.5570	2.523515	14.23237	152.0383	5.661784	5.427309
#3	400.0039	2.549205	13.66578	152.5802	5.639162	5.601729

Sample Name: CCV030 Acquired: 07/25/2019 20:03:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV030 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.860477	5.061428	5.039121	5.010454	5.050094	5.270392
Stddev	.002101	.008302	.097102	.006466	.028003	.075407
%RSD	.0432239	.1640244	1.926970	.1290430	.5544988	1.430762

#1	4.858069	5.053859	5.019058	5.008581	5.039476	5.244010
#2	4.861931	5.060116	4.953618	5.005133	5.028954	5.211722
#3	4.861432	5.070307	5.144688	5.017650	5.081853	5.355446

Elem	Sr4077
Units	ppm
Avg	5.067005
Stddev	.041530
%RSD	.8196118

#1	5.064772
#2	5.026637
#3	5.109607

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1295.070	2263.292	28545.72	4859.392	2634.824
Stddev	15.504	1.433	238.75	60.771	5.342
%RSD	1.197132	.0633274	.8363913	1.250588	.2027335

#1	1289.998	2261.906	28360.42	4877.079	2632.305
#2	1282.737	2264.768	28461.59	4909.357	2640.960
#3	1312.474	2263.202	28815.15	4791.739	2631.208

Sample Name: CCB030 Acquired: 07/25/2019 20:07:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB030 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000254	-.000562	.0012545	.0006034	-.001168	-.002531	.0008171
Stddev	.001203	.001363	.0012212	.0018702	.001567	.007665	.0006164
%RSD	472.5998	242.6419	97.35255	309.9199	134.1719	302.8643	75.44236

#1	.001134	.000005	.0024597	.0025118	-.002933	-.010138	.0003177
#2	-.000973	-.002116	.0012859	-.001226	.000062	.005191	.0015060
#3	-.000924	.000426	.0000178	.000525	-.000634	-.002646	.0006275

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000490	-.000015	.0048829	.0002935	.0001816	.0070013	.0244552
Stddev	.0000921	.000137	.0070435	.0003132	.0004861	.0012181	.0032894
%RSD	187.8636	928.7264	144.2494	106.7325	267.6396	17.39770	13.45072

#1	.0000538	-.000044	.0050535	.0006064	.0000603	.0083622	.0225136
#2	-.000045	.000134	.0118395	.0002940	-.000232	.0060132	.0282531
#3	.000139	-.000135	-.002244	-.000020	.000717	.0066284	.0225988

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010546	.0040504	-.000273	-.000537	.2230242	-.001051	-.000234
Stddev	.0005634	.0233587	.000238	.000358	.1471047	.001691	.001800
%RSD	53.41698	576.7046	87.00395	66.71514	65.95909	160.8539	768.9428

#1	.0007693	-.015877	-.000063	-.000257	.0537351	.000214	-.002312
#2	.0017036	-.001727	-.000531	-.000413	.3197394	-.002971	.000833
#3	.0006910	.029756	-.000226	-.000940	.2955980	-.000396	.000777

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.221395	.0014378	.0015776	.0009128	-.003169	.0003874	-.001084
Stddev	.111483	.0020515	.0013343	.0003712	.001455	.0004258	.001762
%RSD	50.35493	142.6850	84.57836	40.66998	45.90470	109.9133	162.6536

#1	-.346420	.0038054	.0013897	.0006678	-.004127	.0005339	.000648
#2	-.185438	.0001892	.0029959	.0013399	-.003884	-.000092	-.001023
#3	-.132328	.0003187	.0003472	.0007306	-.001495	.000721	-.002875

Sample Name: CCB030 Acquired: 07/25/2019 20:07:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v934) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB030 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010410	-.000288	.0000395
Stddev	.0003617	.001068	.0001104
%RSD	34.74510	371.3408	279.3525

#1	.0008582	-.001127	-.000050
#2	.0014576	-.000650	.000163
#3	.0008072	.000914	.000006

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1529.406	2530.004	31233.71	5164.375	2784.262
Stddev	6.372	3.822	95.17	29.956	5.654
%RSD	.4166391	.1510602	.3047174	.5800426	.2030723

#1	1535.491	2530.515	31308.53	5176.078	2783.204
#2	1522.781	2533.545	31266.01	5130.334	2790.371
#3	1529.944	2525.952	31126.59	5186.712	2779.212