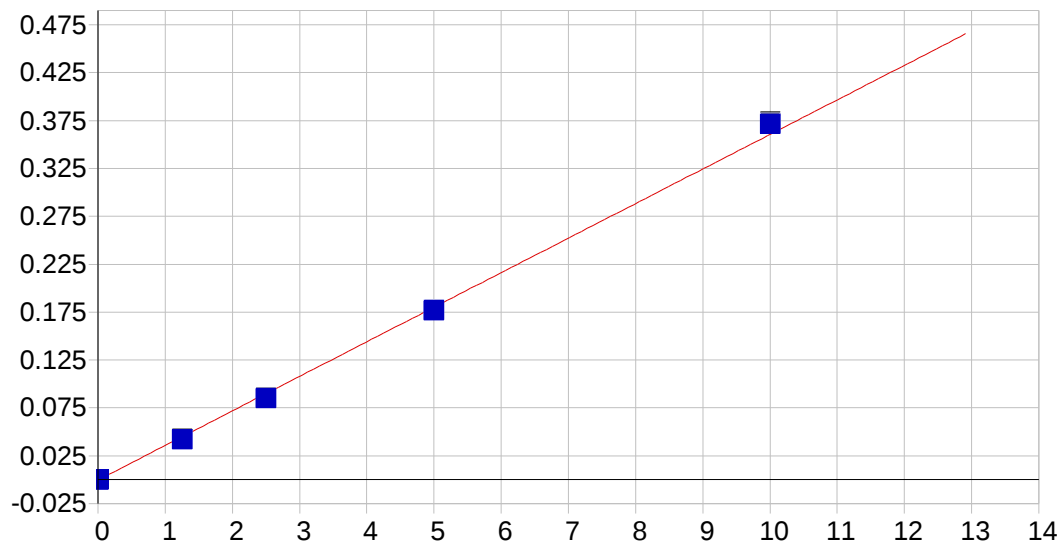


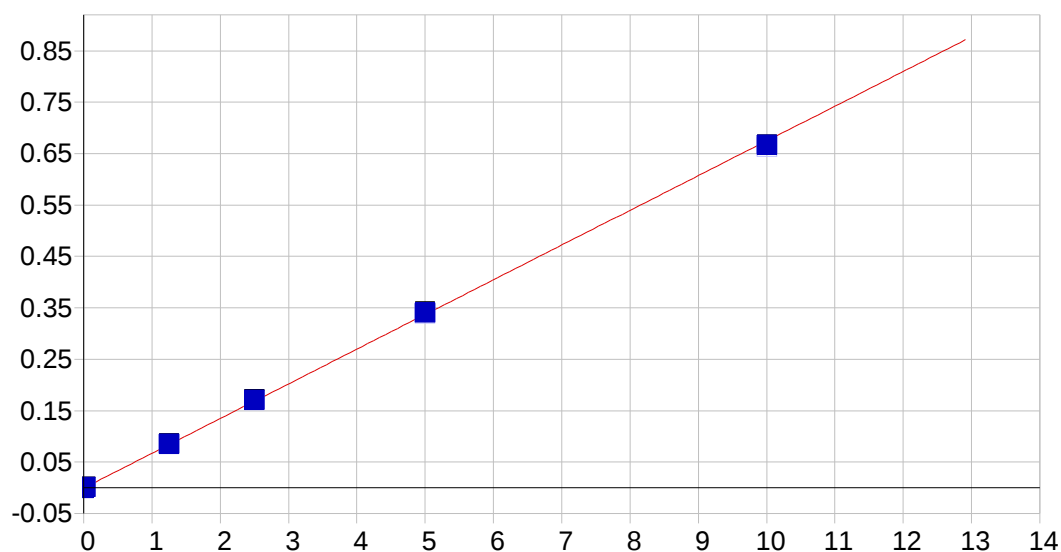


As 189.042 {479}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000310 Re-Slope: 1.000000
 A1 (Gain): 0.036086 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999395 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.003775
 Predicted MQL: 0.012583

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.01000	.01114	.001	11.4	.00009	.000	1
S2	1.2500	1.1734	-.077	-6.12	.04221	.000	1
S3	2.5000	2.3639	-.136	-5.45	.08534	.000	1
S4	5.0000	4.9105	-.090	-1.79	.17759	.000	1
S5	10.000	10.301	.301	3.01	.37281	.001	1

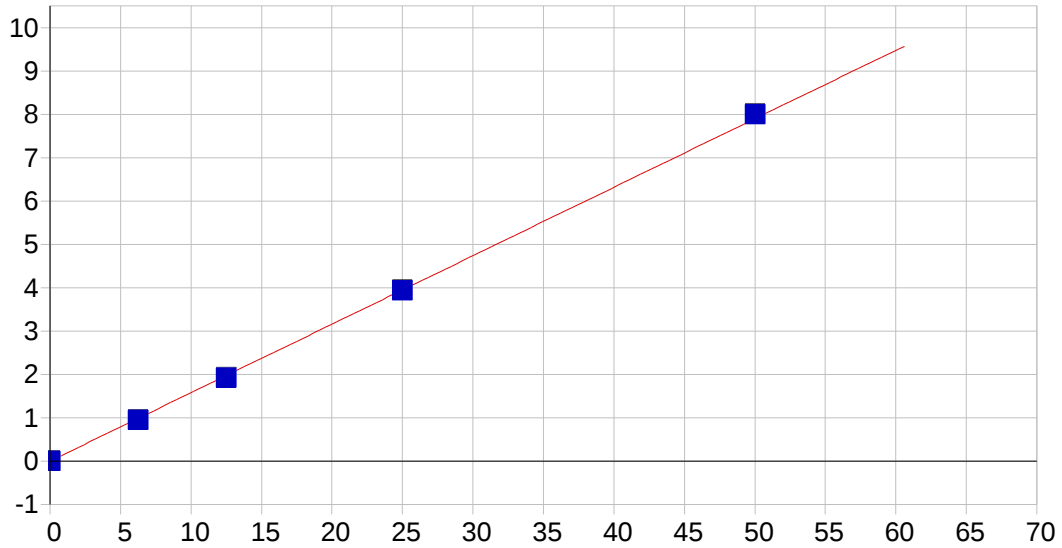


TI 190.856 {477}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000407 Re-Slope: 1.000000
 A1 (Gain): 0.067518 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.001983
 Predicted MQL: 0.006611

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00041	.000	1
S1	.02500	.02518	.000	.702	.00127	.000	1
S2	1.2500	1.2719	.022	1.75	.08496	.000	1
S3	2.5000	2.5436	.044	1.74	.17031	.001	1
S4	5.0000	5.0533	.053	1.07	.33874	.002	1
S5	10.000	9.8811	-.119	-1.19	.66266	.001	1

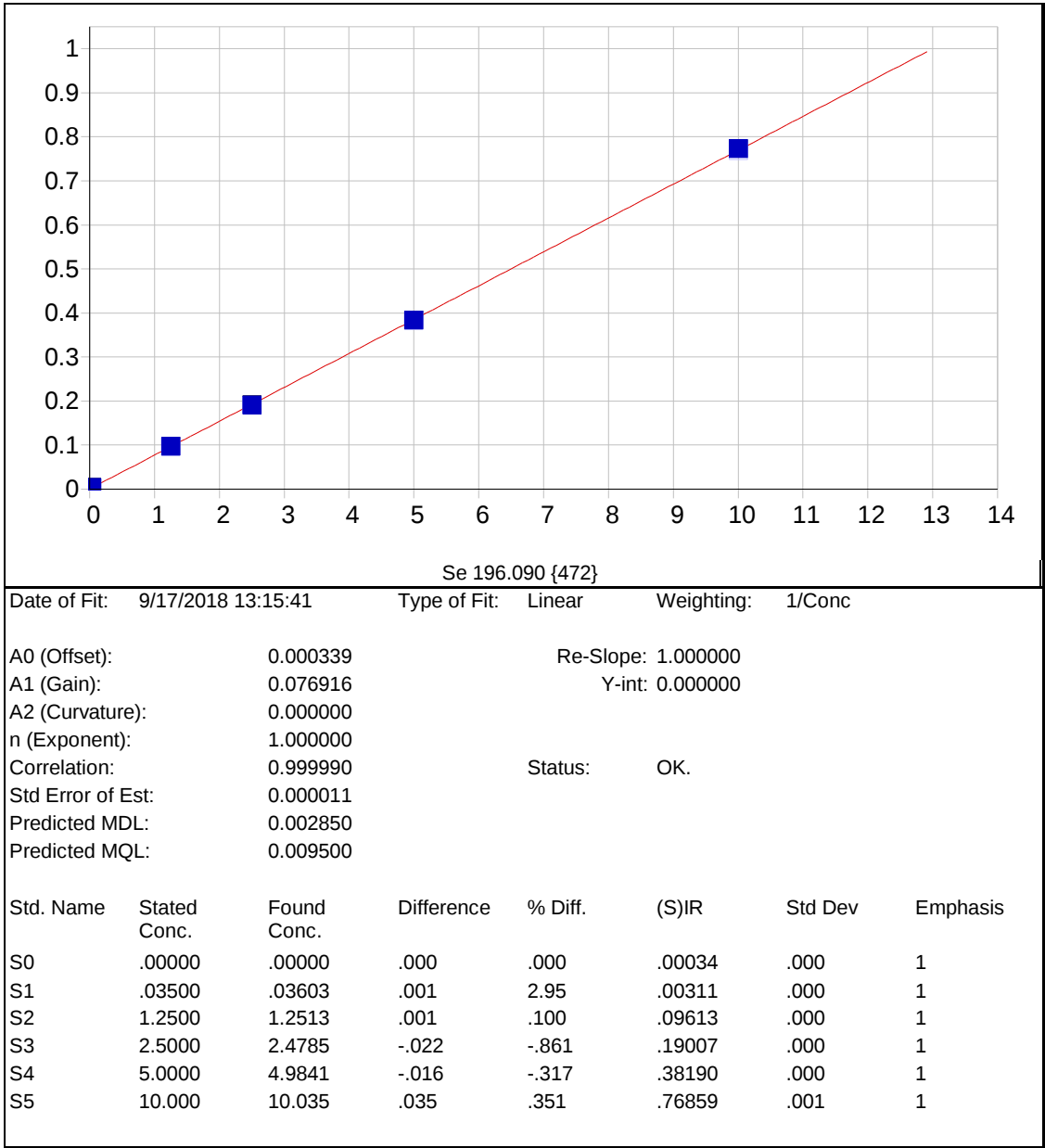


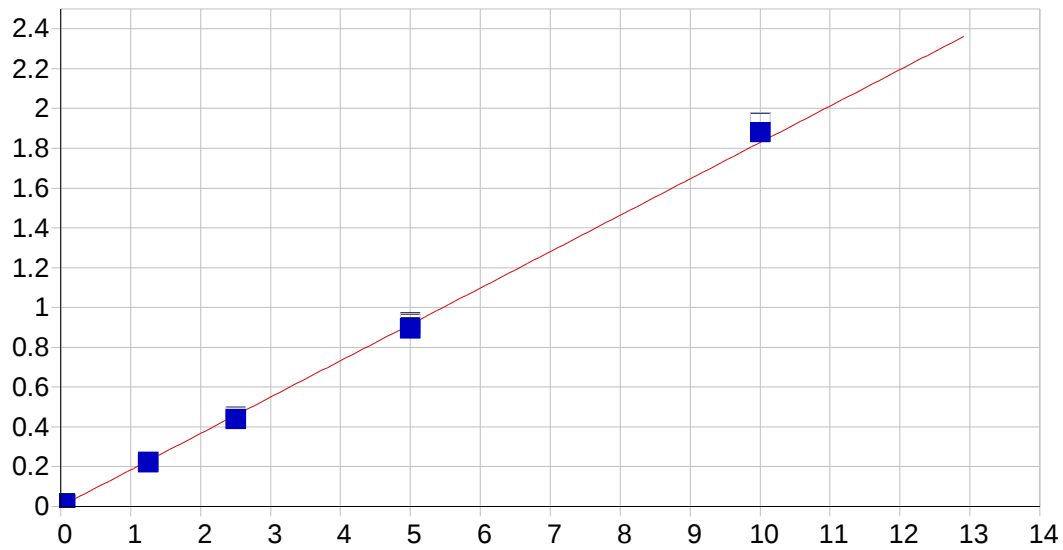
Pb 220.353 {453}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000114 Re-Slope: 1.000000
 A1 (Gain): 0.157916 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.001764
 Predicted MQL: 0.005882

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.01000	.01054	.001	5.36	.00156	.000	1
S2	6.2500	6.0219	-.228	-3.65	.95221	.001	1
S3	12.500	12.184	-.316	-2.53	1.9266	.004	1
S4	25.000	24.912	-.088	-.351	3.9394	.009	1
S5	50.000	50.632	.632	1.26	8.0064	.013	1



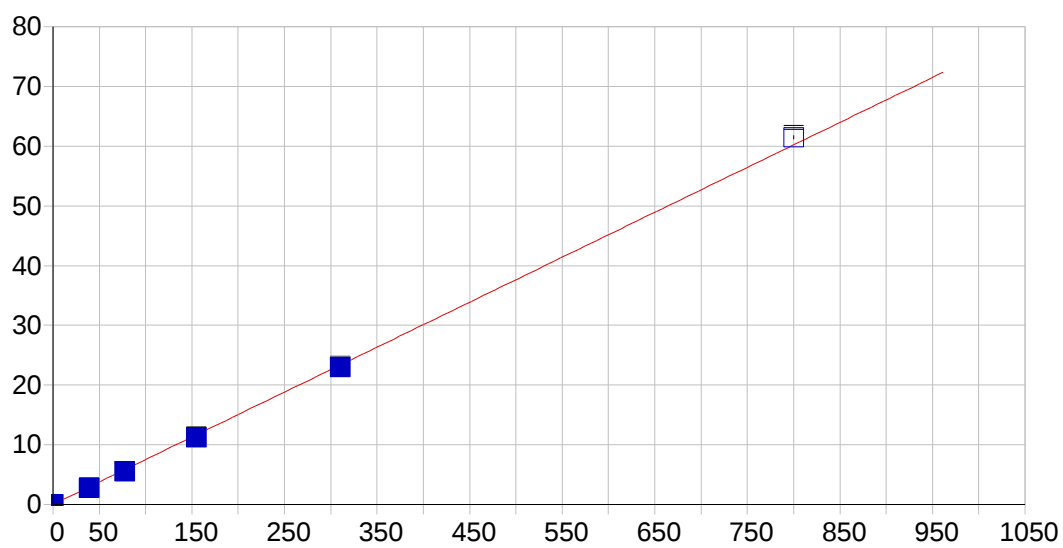


Sb 206.833 {463}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000883 Re-Slope: 1.000000
 A1 (Gain): 0.182828 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999565 Status: OK.
 Std Error of Est: 0.000228
 Predicted MDL: 0.001522
 Predicted MQL: 0.005073

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00088	.000	1
S1	.06000	.06276	.003	4.60	.01235	.000	1
S2	1.2500	1.2004	-.050	-3.97	.22657	.000	1
S3	2.5000	2.3869	-.113	-4.52	.44973	.001	1
S4	5.0000	4.8863	-.114	-2.27	.91913	.003	1
S5	10.000	10.274	.274	2.74	1.9290	.002	1

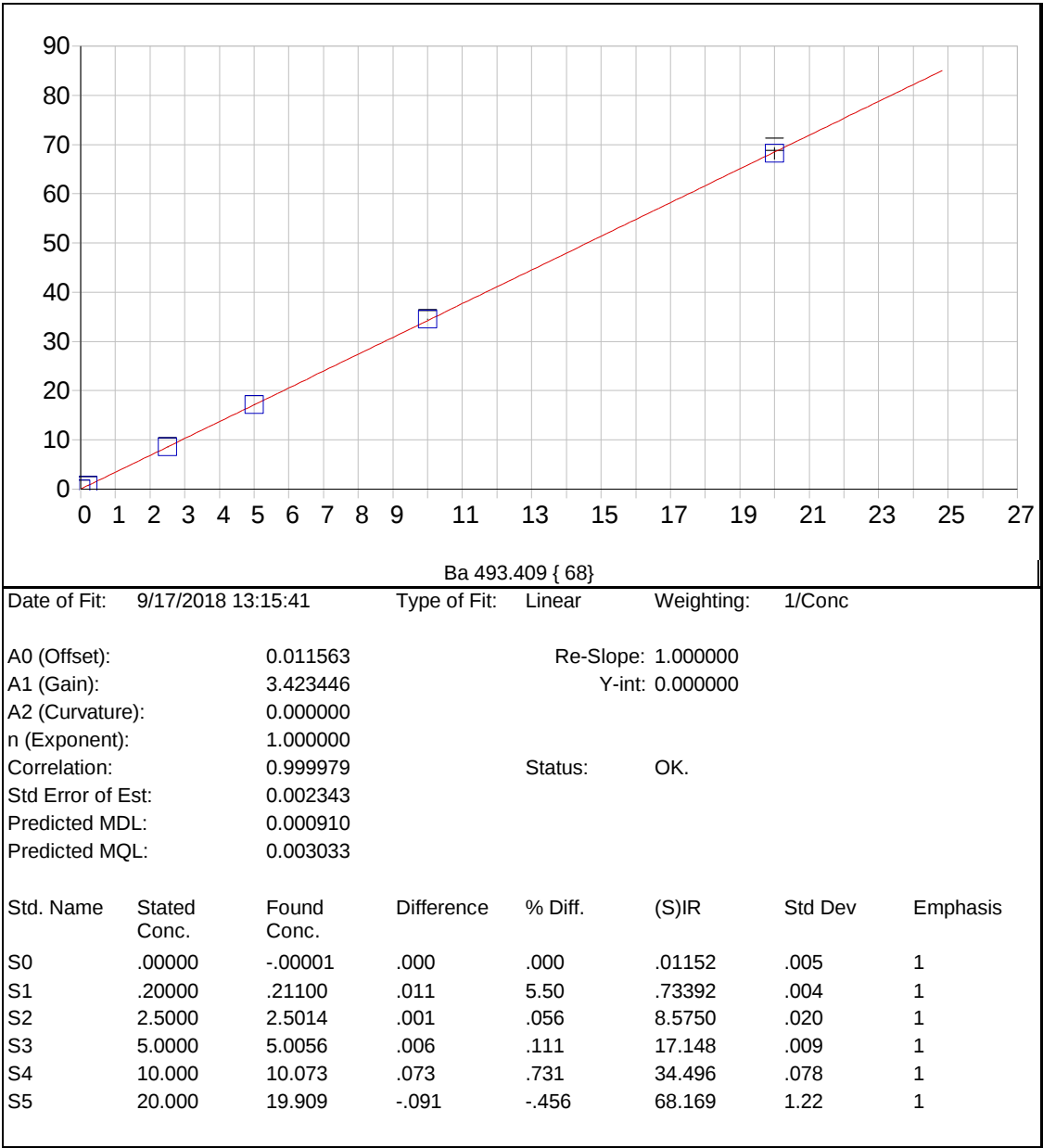


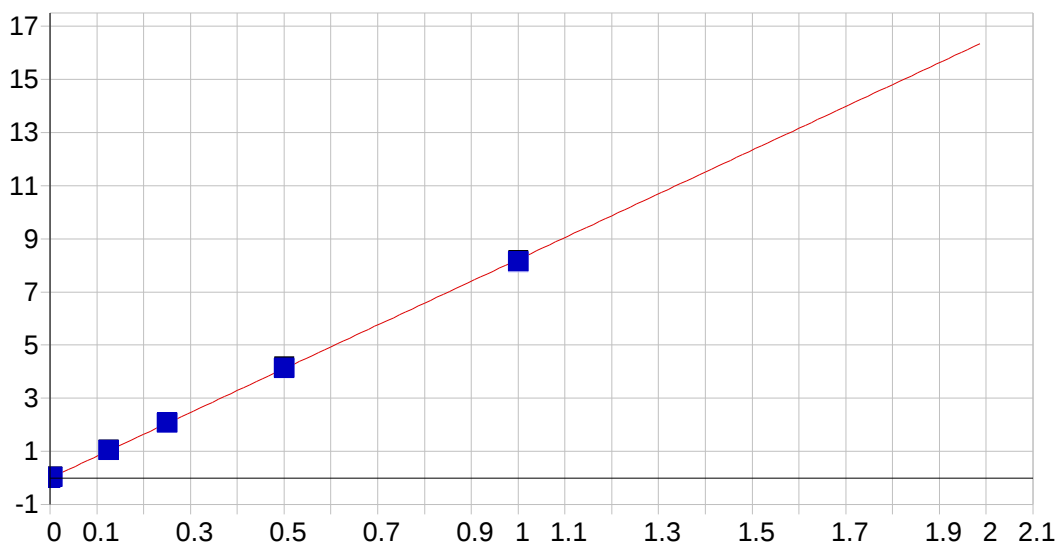
AI 396.152 { 85}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003590 Re-Slope: 1.000000
 A1 (Gain): 0.075261 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999634 Status: OK.
 Std Error of Est: 0.001266
 Predicted MDL: 0.014356
 Predicted MQL: 0.047852

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00359	.000	1
S1	.20000	.19919	-.001	-.407	.01860	.001	1
S2	38.750	36.626	-2.12	-5.48	2.7628	.009	1
S3	77.500	73.092	-4.41	-5.69	5.5100	.012	1
S4	155.00	149.17	-5.83	-3.76	11.241	.046	1
S5	310.00	305.45	-4.55	-1.47	23.014	.124	1
S6	800.00	816.93	16.9	2.12	61.487	.351	1



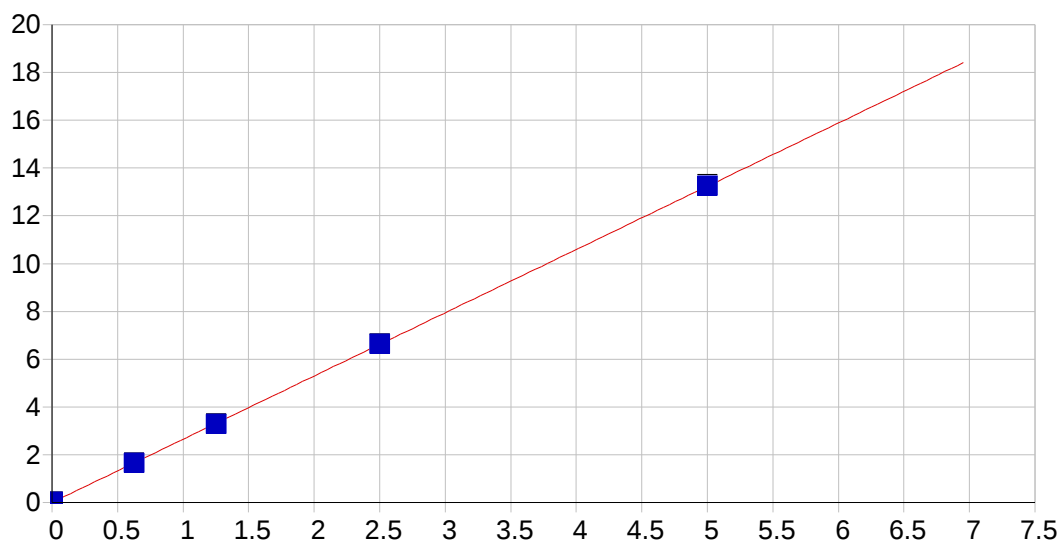


Be 234.861 {144}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003989 Re-Slope: 1.000000
 A1 (Gain): 8.227490 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000402
 Predicted MDL: 0.000066
 Predicted MQL: 0.000221

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00400	.000	1
S1	.00500	.00562	.001	12.5	.04224	.000	1
S2	.12500	.12800	.003	2.40	1.0446	.001	1
S3	.25000	.25330	.003	1.32	2.0710	.004	1
S4	.50000	.50327	.003	.654	4.1187	.049	1
S5	1.0000	.98981	-.010	-1.02	8.1037	.042	1

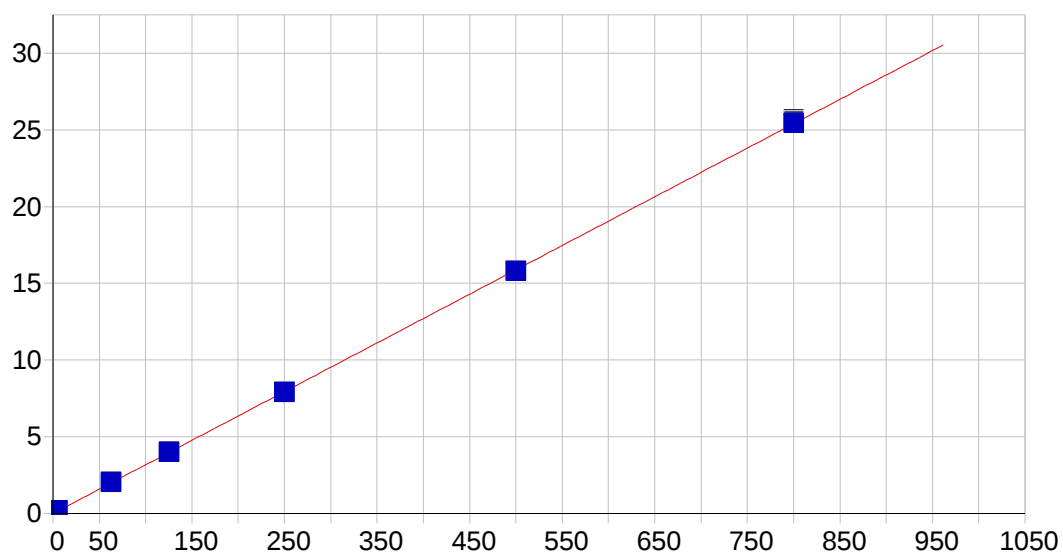


Cd 214.438 {457}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000597 Re-Slope: 1.000000
 A1 (Gain): 2.647318 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999994 Status: OK.
 Std Error of Est: 0.000074
 Predicted MDL: 0.000082
 Predicted MQL: 0.000274

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00060	.000	1
S1	.00500	.00541	.000	8.11	.01492	.000	1
S2	.62500	.62380	-.001	-.191	1.6554	.001	1
S3	1.2500	1.2415	-.009	-.683	3.2940	.005	1
S4	2.5000	2.5031	.003	.126	6.6408	.012	1
S5	5.0000	5.0062	.006	.123	13.281	.034	1

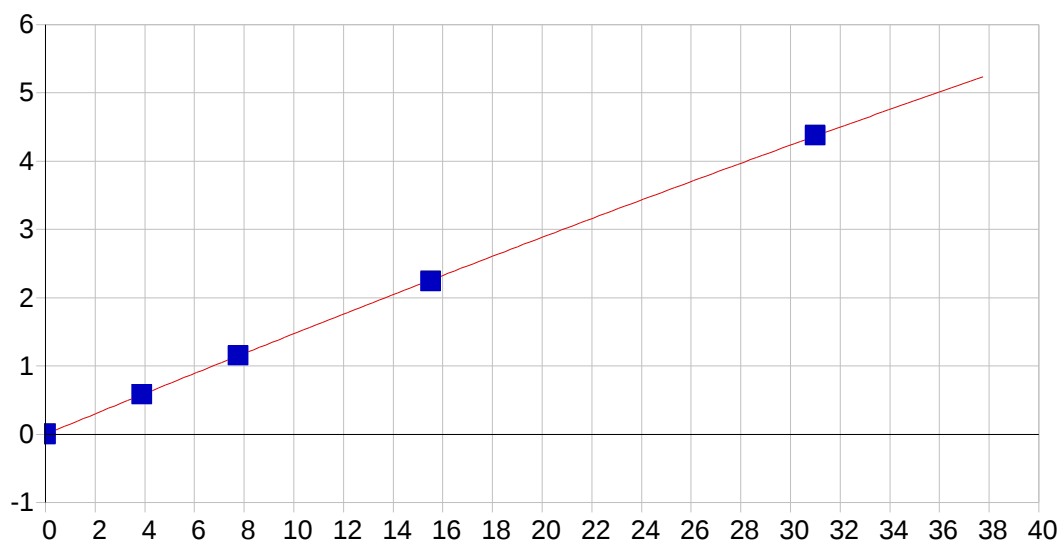


Ca 373.690 { 90}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002033 Re-Slope: 1.000000
 A1 (Gain): 0.031754 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967 Status: OK.
 Std Error of Est: 0.000900
 Predicted MDL: 0.023919
 Predicted MQL: 0.079731

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00048	.000	.000	.00202	.000	1
S1	5.0000	5.3518	.352	7.04	.17199	.001	1
S2	62.500	64.460	1.96	3.14	2.0560	.001	1
S3	125.00	125.53	.526	.421	4.0021	.005	1
S4	250.00	248.69	-1.31	-.525	7.9271	.020	1
S5	500.00	497.07	-2.93	-.586	15.842	.013	1
S6	800.00	801.41	1.41	.176	25.601	.077	1

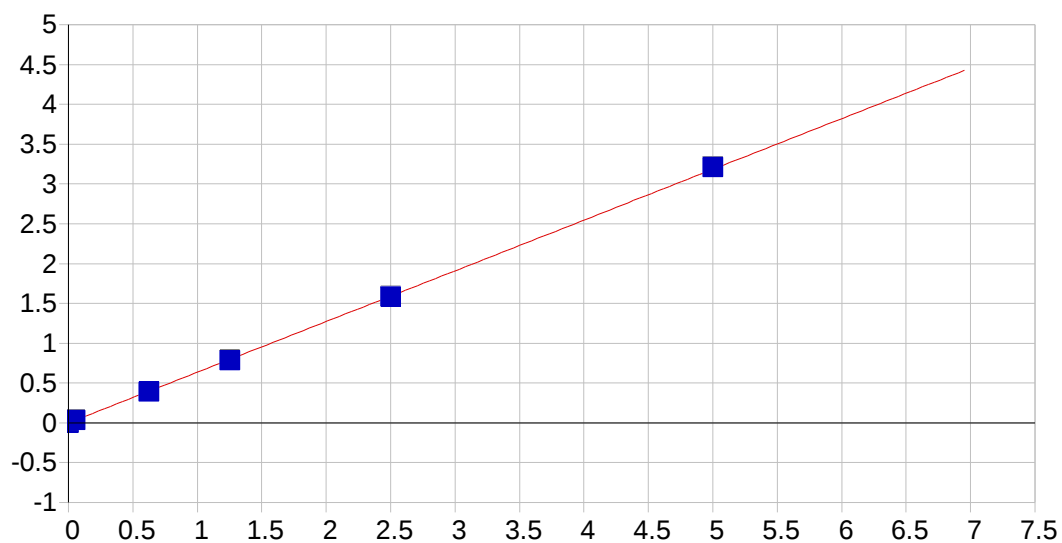


Cr 267.716 {126}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000028 Re-Slope: 1.000000
 A1 (Gain): 0.150378 Y-int: 0.000000
 A2 (Curvature): -0.000306
 n (Exponent): 1.000000
 Correlation: 0.999986 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.000515
 Predicted MQL: 0.001715

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.01000	.01119	.001	11.9	.00172	.000	1
S2	3.8750	3.9078	.033	.845	.58402	.001	1
S3	7.7500	7.7889	.039	.502	1.1548	.001	1
S4	15.500	15.377	-.123	-.794	2.2441	.003	1
S5	31.000	31.051	.051	.163	4.3823	.002	1

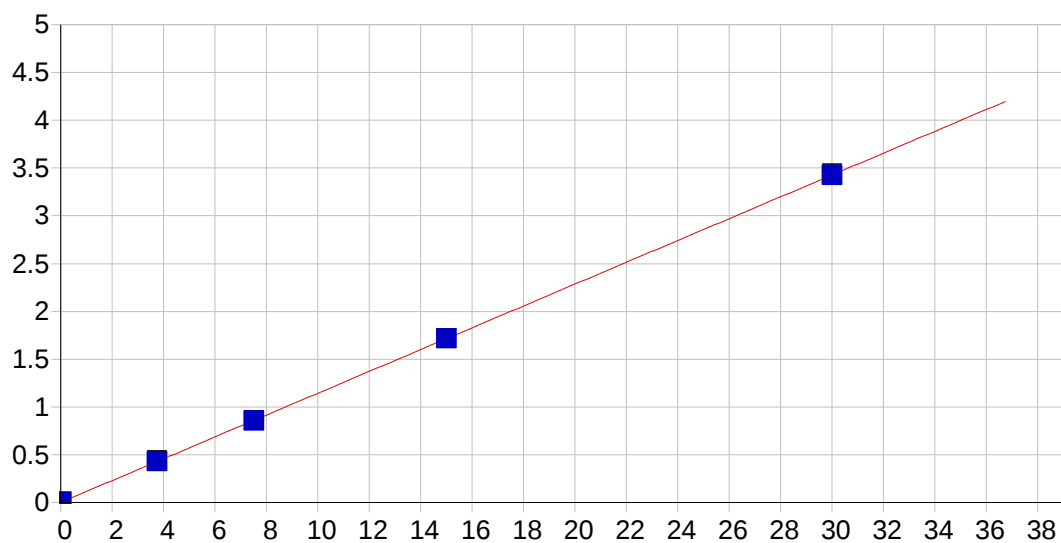


Co 228.616 {448}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000095 Re-Slope: 1.000000
 A1 (Gain): 0.636575 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999959 Status: OK.
 Std Error of Est: 0.000154
 Predicted MDL: 0.000295
 Predicted MQL: 0.000983

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.05000	.05083	.001	1.66	.03238	.000	1
S2	.62500	.61354	-.011	-1.83	.39126	.001	1
S3	1.2500	1.2335	-.017	-1.32	.78668	.002	1
S4	2.5000	2.4891	-.011	-.437	1.5875	.003	1
S5	5.0000	5.0381	.038	.762	3.2133	.006	1

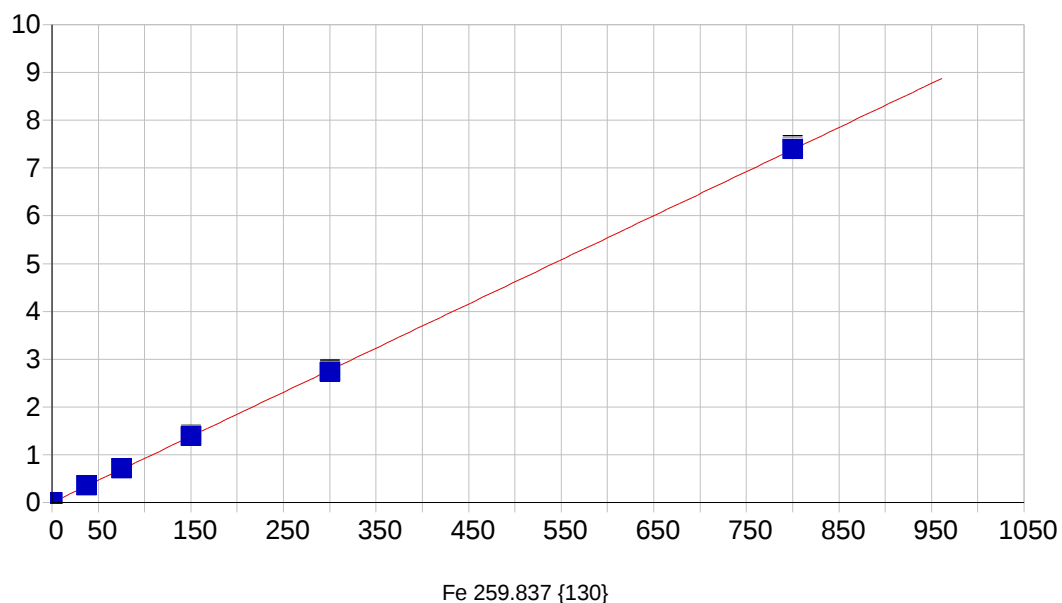


Cu 324.754 {104}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000967 Re-Slope: 1.000000
 A1 (Gain): 0.114195 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.004767
 Predicted MQL: 0.015890

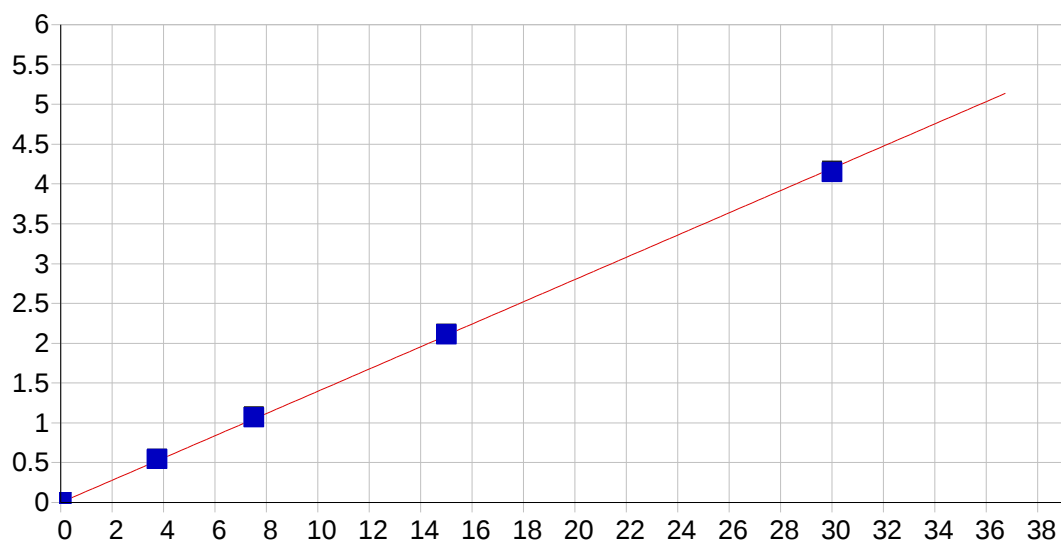
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00097	.000	1
S1	.02500	.02532	.000	1.28	.00385	.000	1
S2	3.7500	3.7851	.035	.935	.43293	.001	1
S3	7.5000	7.4725	-.027	-.366	.85376	.002	1
S4	15.000	15.008	.008	.054	1.7137	.000	1
S5	30.000	29.984	-.016	-.053	3.4229	.013	1



Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000244 Re-Slope: 1.000000
 A1 (Gain): 0.009233 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949 Status: OK.
 Std Error of Est: 0.000041
 Predicted MDL: 0.026069
 Predicted MQL: 0.086897

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00024	.000	1
S1	.10000	.09000	-.010	-10.00	.00109	.000	1
S2	37.500	38.693	1.19	3.18	.35934	.001	1
S3	75.000	76.637	1.64	2.18	.71151	.003	1
S4	150.00	150.71	.706	.470	1.3991	.009	1
S5	300.00	295.71	-4.29	-1.43	2.7452	.029	1
S6	800.00	800.77	.769	.096	7.4270	.052	1

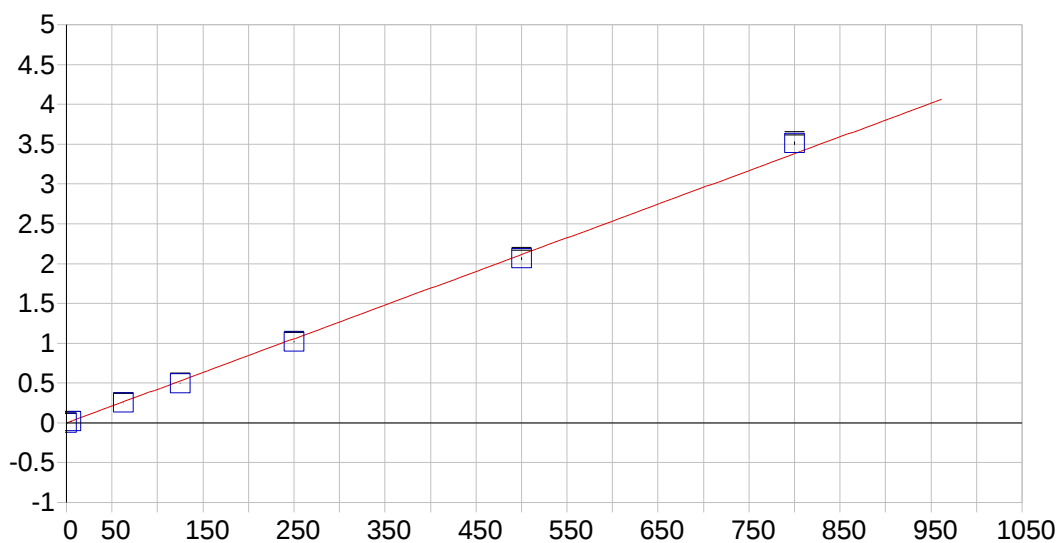


Mn 257.610 {131}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000201 Re-Slope: 1.000000
 A1 (Gain): 0.139849 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999892 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.001562
 Predicted MQL: 0.005207

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.01500	.01612	.001	7.48	.00246	.000	1
S2	3.7500	3.8682	.118	3.15	.54128	.001	1
S3	7.5000	7.6558	.156	2.08	1.0711	.003	1
S4	15.000	15.093	.093	.620	2.1114	.005	1
S5	30.000	29.632	-.368	-1.23	4.1451	.015	1

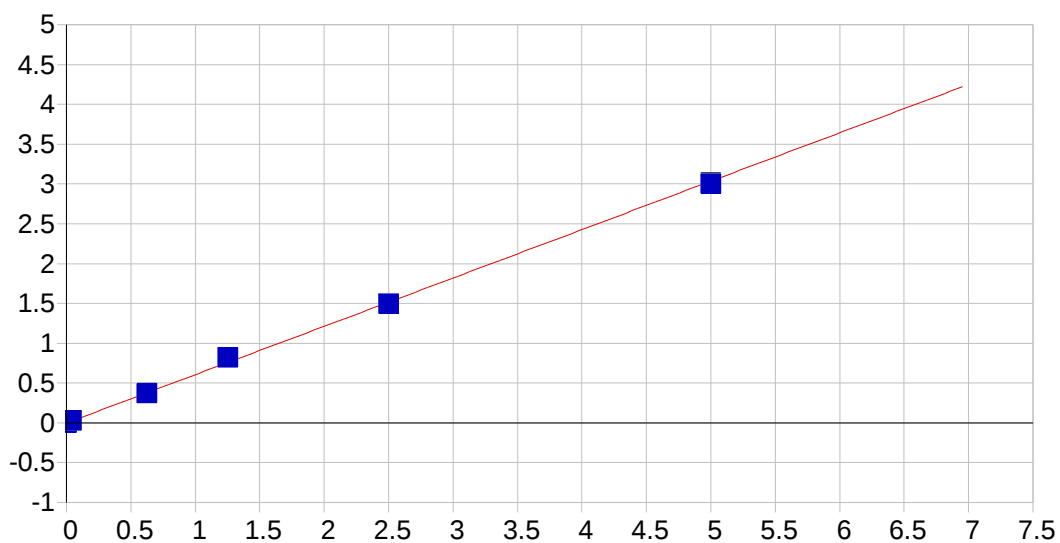


Mg 279.079 {121}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000309 Re-Slope: 1.000000
 A1 (Gain): 0.004225 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999323 Status: OK.
 Std Error of Est: 0.000543
 Predicted MDL: 0.069625
 Predicted MQL: 0.232084

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00050	.001	.000	-.00031	.000	1
S1	5.0000	5.1406	.141	2.81	.02141	.000	1
S2	62.500	59.361	-3.14	-5.02	.25048	.002	1
S3	125.00	117.95	-7.05	-5.64	.49800	.002	1
S4	250.00	240.64	-9.36	-3.74	1.0164	.006	1
S5	500.00	488.56	-11.4	-2.29	2.0638	.018	1
S6	800.00	830.85	30.9	3.86	3.5099	.020	1

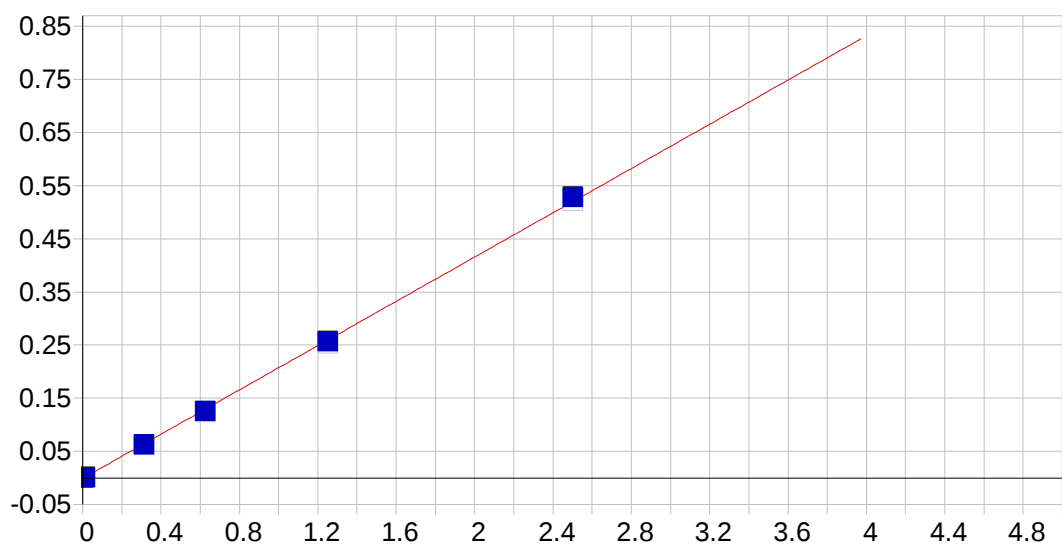


Ni 231.604 {446}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001776 Re-Slope: 1.000000
 A1 (Gain): 0.607180 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999518 Status: OK.
 Std Error of Est: 0.000449
 Predicted MDL: 0.000405
 Predicted MQL: 0.001351

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00178	.000	1
S1	.04000	.04203	.002	5.09	.02376	.000	1
S2	.62500	.61627	-.009	-1.40	.37319	.001	1
S3	1.2500	1.3484	.098	7.88	.81853	.002	1
S4	2.5000	2.4639	-.036	-1.45	1.4973	.005	1
S5	5.0000	4.9444	-.056	-1.11	3.0066	.007	1

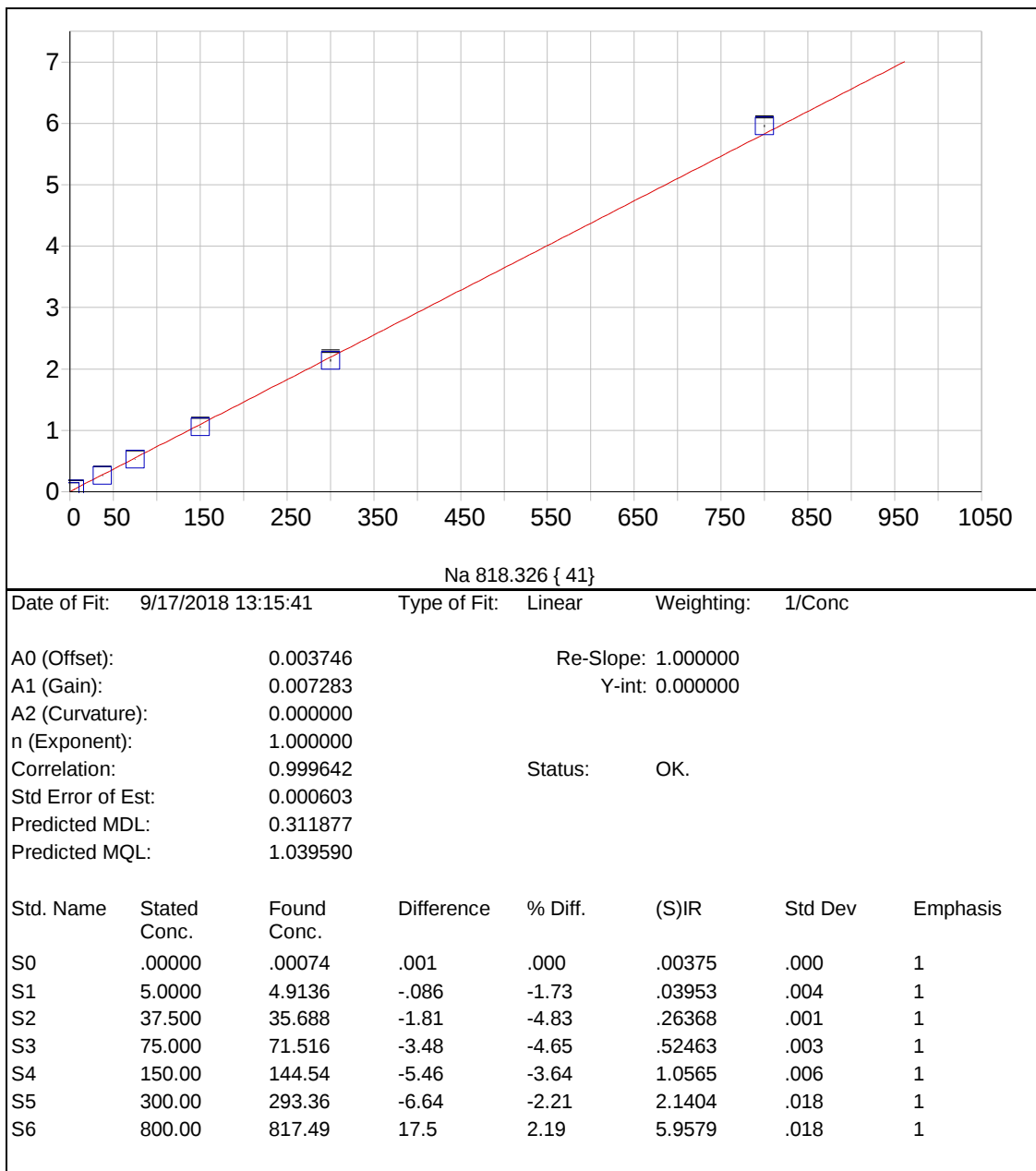


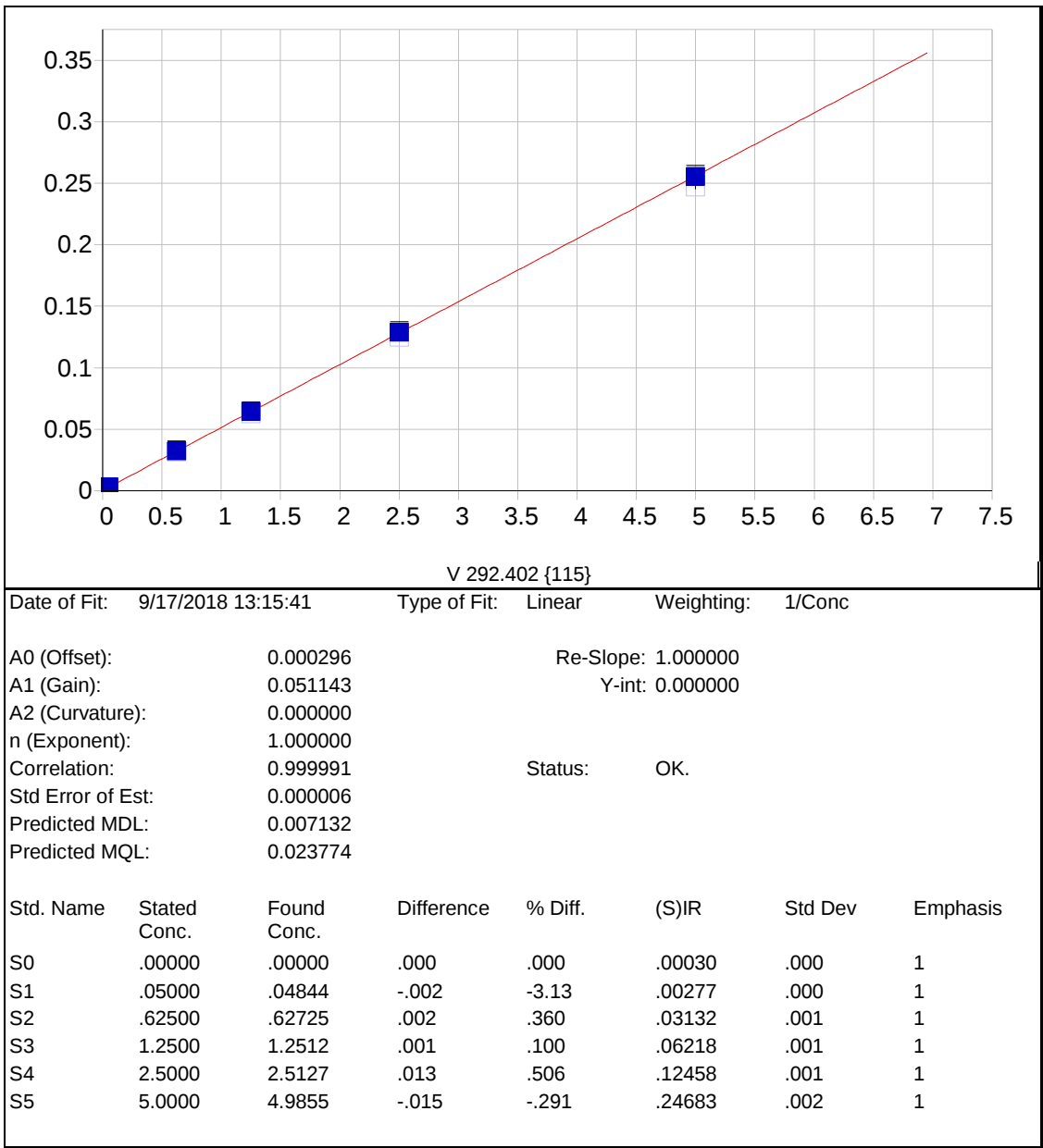
Ag 328.068 {103}

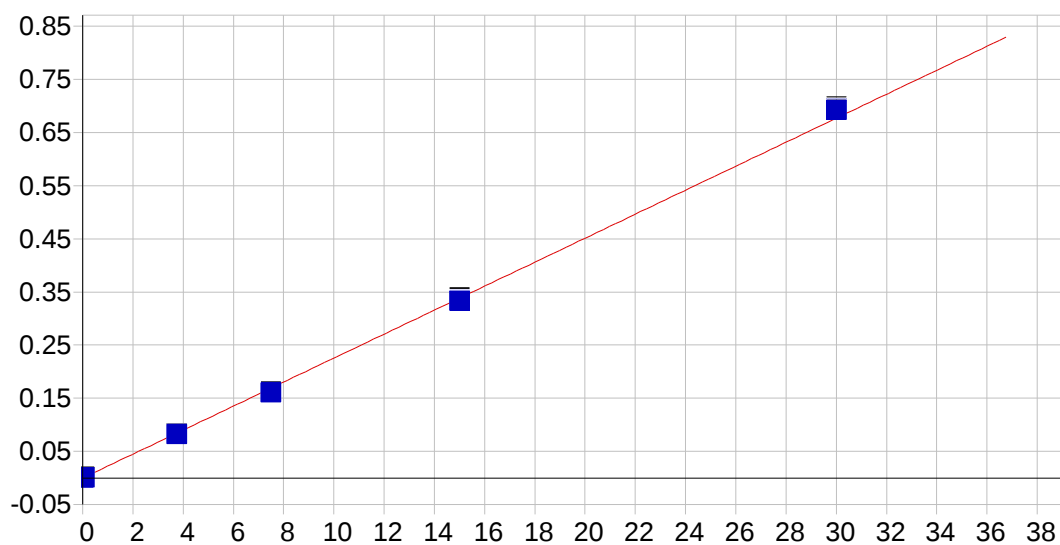
Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000945 Re-Slope: 1.000000
 A1 (Gain): 0.208305 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999815 Status: OK.
 Std Error of Est: 0.000033
 Predicted MDL: 0.000532
 Predicted MQL: 0.001773

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00094	.000	1
S1	.01000	.00968	.000	-3.17	.00106	.000	1
S2	.31250	.30247	-.010	-3.21	.06107	.000	1
S3	.62500	.60641	-.019	-2.97	.12339	.000	1
S4	1.2500	1.2377	-.012	-.987	.25290	.000	1
S5	2.5000	2.5413	.041	1.65	.52049	.001	1





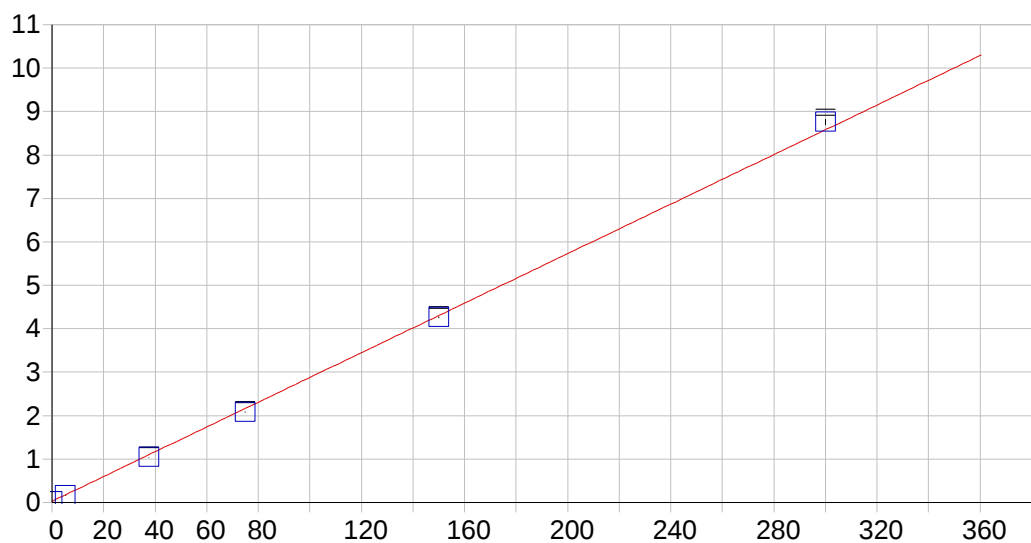


Zn 213.856 {158}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000286 Re-Slope: 1.000000
 A1 (Gain): 0.022574 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999654 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.014957
 Predicted MQL: 0.049856

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00029	.000	1
S1	.06000	.05422	-.006	-9.64	.00094	.000	1
S2	3.7500	3.6595	-.091	-2.41	.08272	.001	1
S3	7.5000	7.1352	-.365	-4.86	.16158	.001	1
S4	15.000	14.778	-.222	-1.48	.33491	.005	1
S5	30.000	30.683	.683	2.28	.69553	.003	1



K 769.896 { 44}

Date of Fit: 9/17/2018 13:15:41

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.027581

Re-Slope: 1.000000

A1 (Gain): 0.028508

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999679

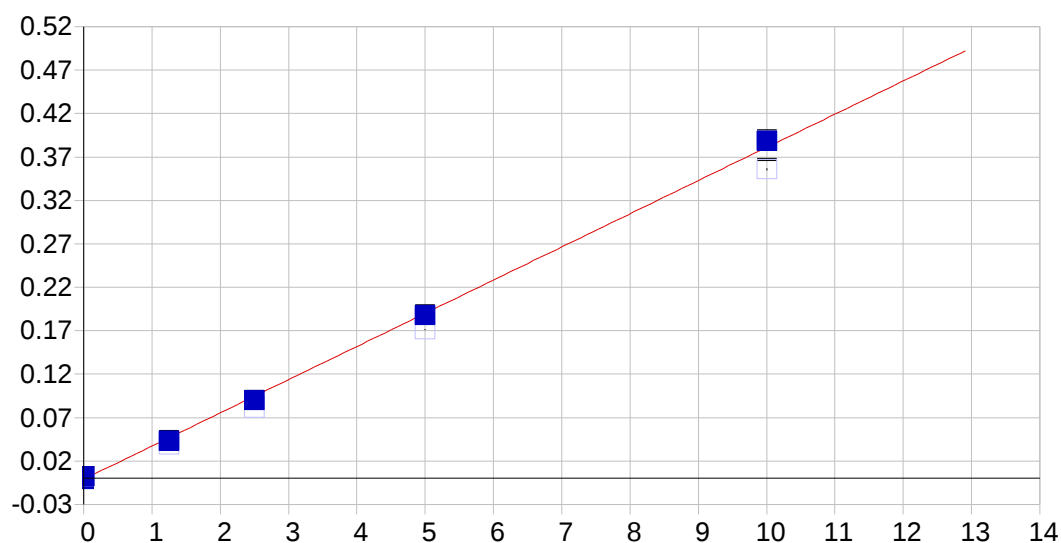
Status: OK.

Std Error of Est: 0.001489

Predicted MDL: 0.071090

Predicted MQL: 0.236966

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00056	.001	.000	.02760	.002	1
S1	5.0000	4.8296	-.170	-3.41	.16526	.000	1
S2	37.500	35.580	-1.92	-5.12	1.0419	.002	1
S3	75.000	72.133	-2.87	-3.82	2.0840	.010	1
S4	150.00	148.56	-1.44	-.960	4.2628	.014	1
S5	300.00	306.40	6.40	2.13	8.7625	.069	1

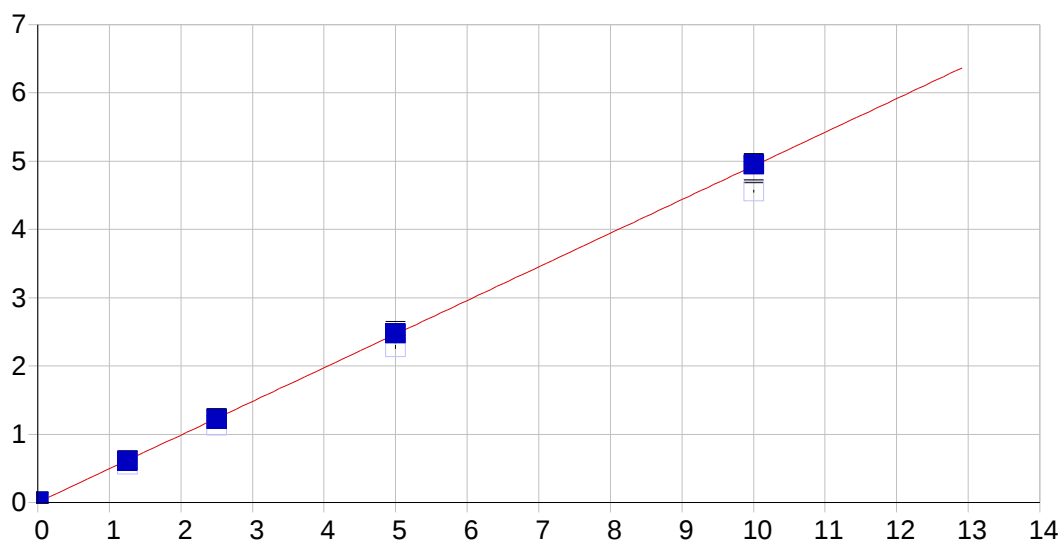


P 177.495 {490}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000943 Re-Slope: 1.000000
 A1 (Gain): 0.038203 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.981759 Status: OK.
 Std Error of Est: 0.000113
 Predicted MDL: 0.002689
 Predicted MQL: 0.008964

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	.000	.000	-.00095	.000	1
S1	.01000	.08540	.075	754.	.00229	.000	1
S2	1.2500	1.1562	-.094	-7.51	.03911	.000	1
S3	2.5000	2.3719	-.128	-5.12	.08143	.000	1
S4	5.0000	4.9420	-.058	-1.16	.17138	.001	1
S5	10.000	10.203	.203	2.03	.35589	.001	1



B 249.678 {135}

Date of Fit: 9/17/2018 13:15:41

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001890

Re-Slope: 1.000000

A1 (Gain): 0.492883

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999971

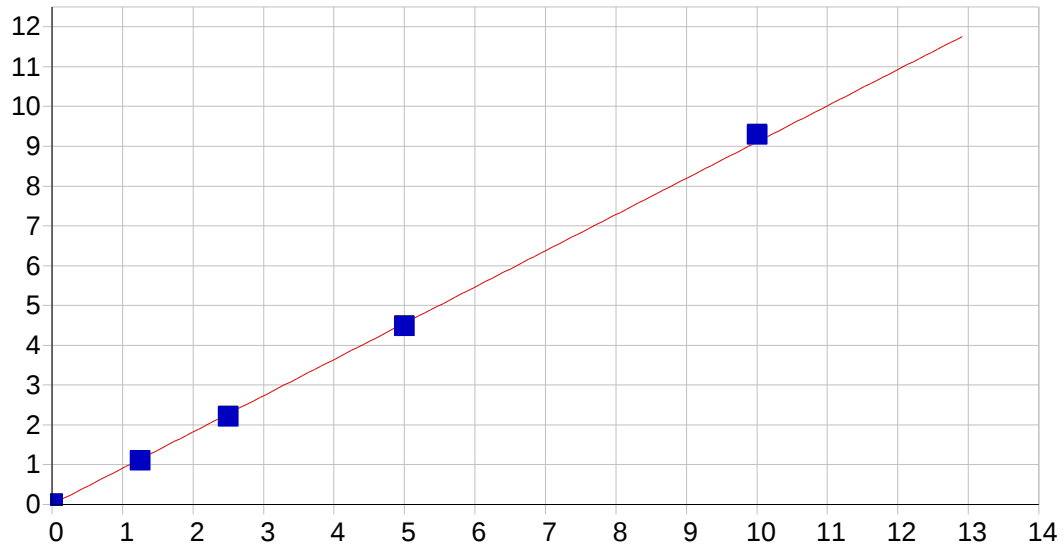
Status: OK.

Std Error of Est: 0.000058

Predicted MDL: 0.001097

Predicted MQL: 0.003656

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00189	.000	1
S1	.01000	.00889	-.001	-11.1	.00617	.001	1
S2	1.2500	1.2280	-.022	-1.76	.55835	.002	1
S3	2.5000	2.4752	-.025	-.991	1.1243	.004	1
S4	5.0000	5.0138	.014	.275	2.2779	.031	1
S5	10.000	10.034	.034	.342	4.5572	.020	1

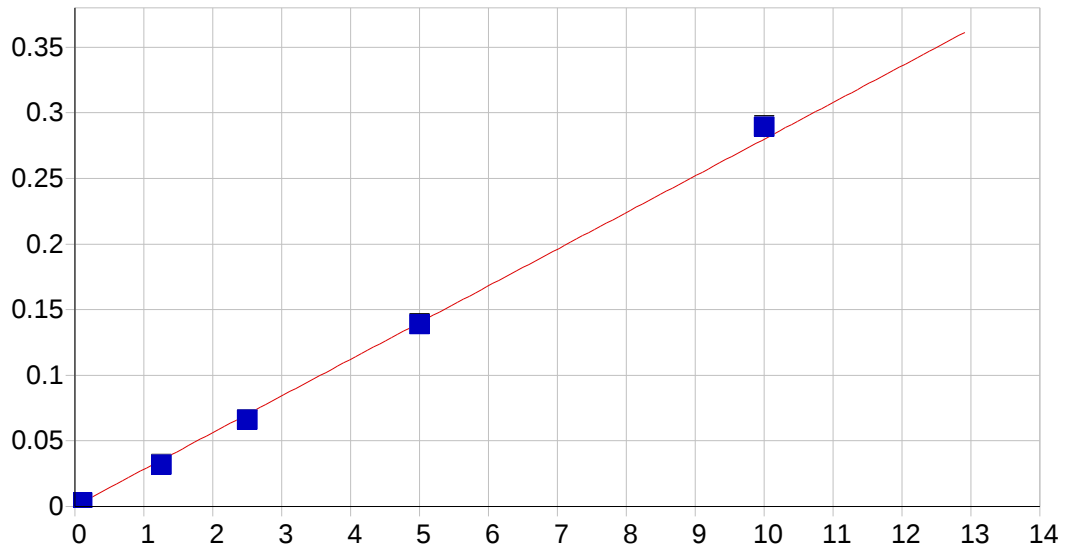


Mo 202.030 {467}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000689 Re-Slope: 1.000000
 A1 (Gain): 0.910420 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999770 Status: OK.
 Std Error of Est: 0.000327
 Predicted MDL: 0.000269
 Predicted MQL: 0.000898

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00069	.000	1
S1	.01000	.01016	.000	1.64	.00994	.000	1
S2	1.2500	1.2089	-.041	-3.29	1.1013	.001	1
S3	2.5000	2.4276	-.072	-2.90	2.2107	.002	1
S4	5.0000	4.9177	-.082	-1.65	4.4776	.008	1
S5	10.000	10.196	.196	1.96	9.2826	.017	1

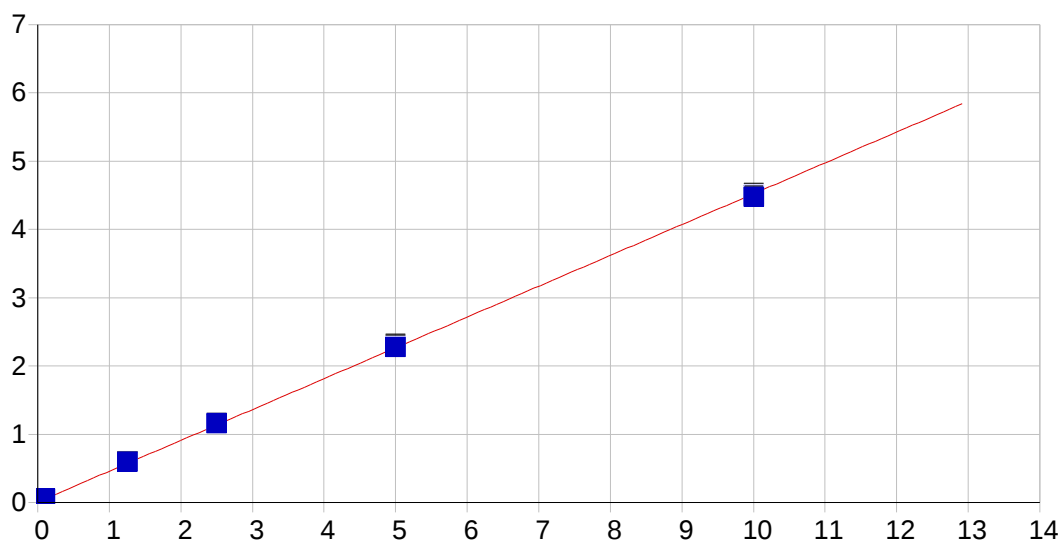


S 182.034 {485}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000373 Re-Slope: 1.000000
 A1 (Gain): 0.027955 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999105 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 0.004106
 Predicted MQL: 0.013686

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00037	.000	1
S1	.10000	.09295	-.007	-7.05	.00297	.000	1
S2	1.2500	1.1283	-.122	-9.74	.03193	.000	1
S3	2.5000	2.3442	-.156	-6.23	.06593	.000	1
S4	5.0000	4.9495	-.051	-1.01	.13879	.001	1
S5	10.000	10.335	.335	3.35	.28939	.001	1

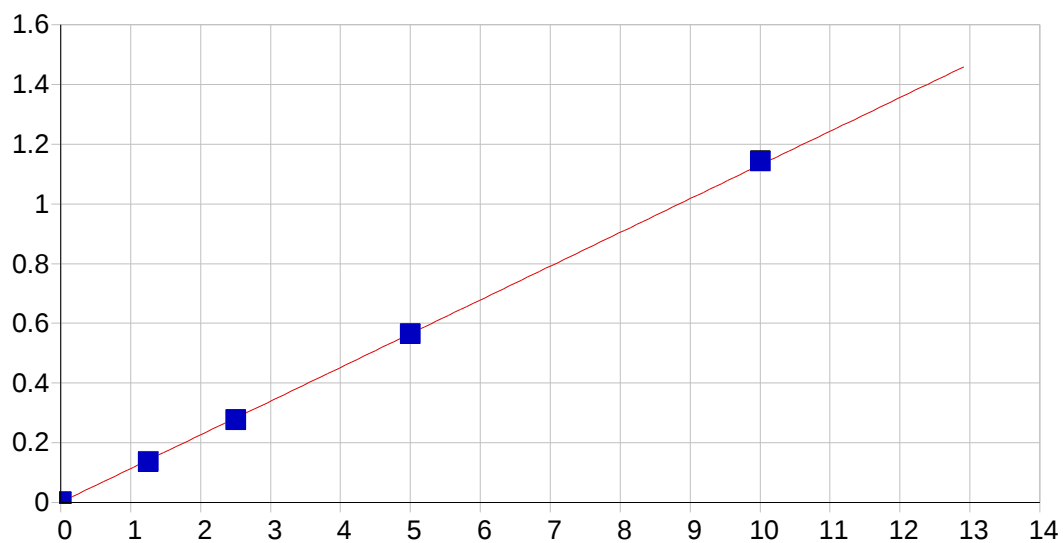


Si 251.611 {134}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006660 Re-Slope: 1.000000
 A1 (Gain): 0.451687 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999900 Status: OK.
 Std Error of Est: 0.000343
 Predicted MDL: 0.001238
 Predicted MQL: 0.004128

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00666	.000	1
S1	.10000	.10095	.001	.954	.05242	.001	1
S2	1.2500	1.2982	.048	3.85	.59766	.002	1
S3	2.5000	2.5390	.039	1.56	1.1627	.006	1
S4	5.0000	5.0240	.024	.480	2.2945	.029	1
S5	10.000	9.8879	-.112	-1.12	4.5099	.020	1

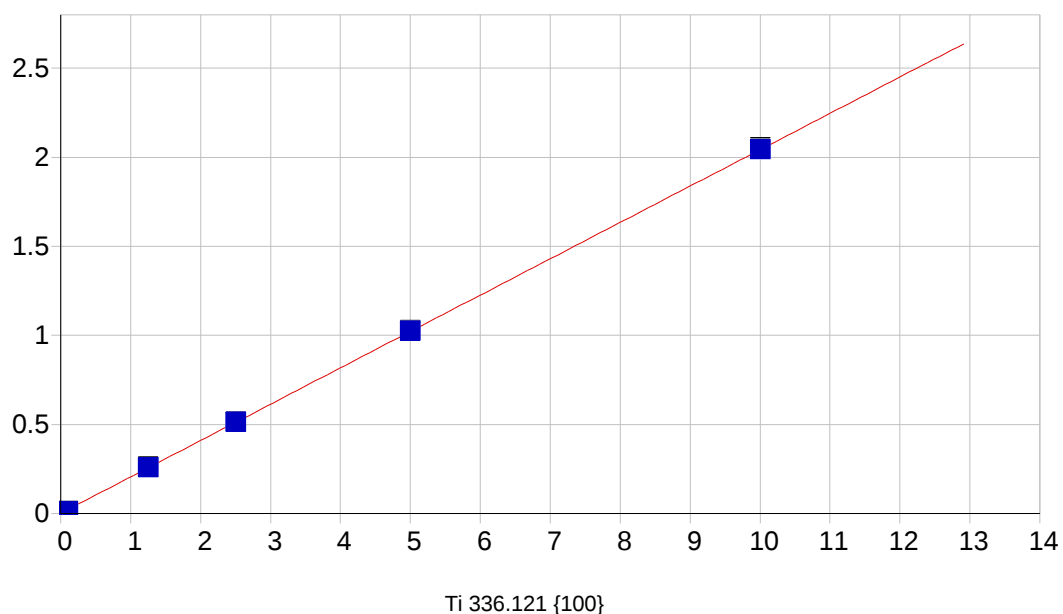


Sn 189.989 {478}

Date of Fit: 9/17/2018 13:15:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000526 Re-Slope: 1.000000
 A1 (Gain): 0.112966 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.001017
 Predicted MQL: 0.003390

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00053	.000	1
S1	.00700	.00613	-.001	-12.4	.00119	.000	1
S2	1.2500	1.2057	-.044	-3.55	.13642	.001	1
S3	2.5000	2.4421	-.058	-2.32	.27578	.001	1
S4	5.0000	4.9912	-.009	-.177	.56311	.001	1
S5	10.000	10.112	.112	1.12	1.1403	.002	1



Date of Fit: 9/17/2018 13:15:41

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001380

Re-Slope: 1.000000

A1 (Gain): 0.204134

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999347

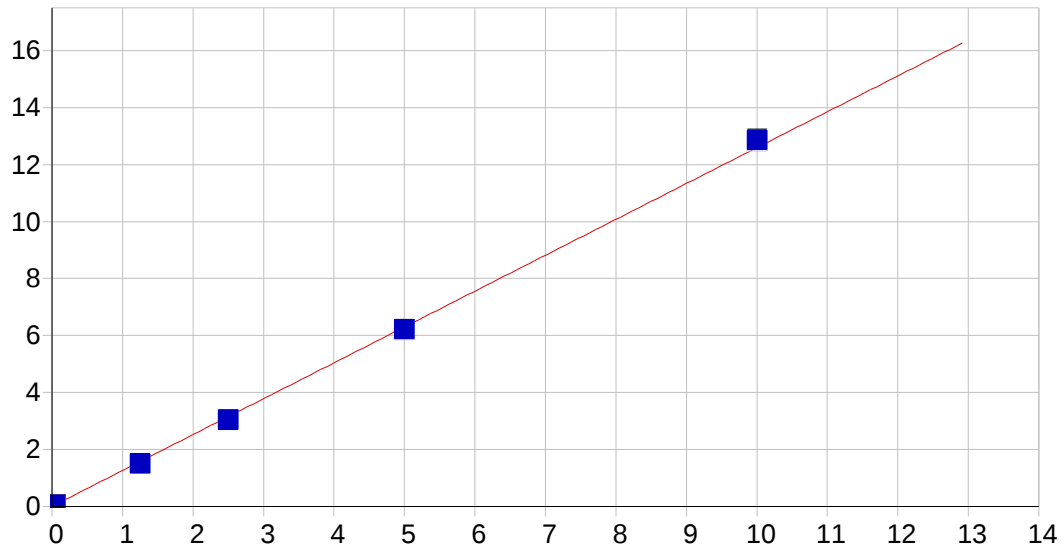
Status: OK.

Std Error of Est: 0.000392

Predicted MDL: 0.002655

Predicted MQL: 0.008849

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00139	.000	1
S1	.10000	.05072	-.049	-49.3	.01173	.000	1
S2	1.2500	1.2667	.017	1.34	.25987	.001	1
S3	2.5000	2.5089	.009	.356	.51334	.002	1
S4	5.0000	5.0148	.015	.295	1.0247	.004	1
S5	10.000	10.009	.009	.089	2.0438	.011	1



Li 670.784 { 50}

Date of Fit: 9/17/2018 13:15:41

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.005615

Re-Slope: 1.000000

A1 (Gain): 1.258786

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999691

Status: OK.

Std Error of Est: 0.001168

Predicted MDL: 0.001861

Predicted MQL: 0.006203

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00562	.001	1
S5	10.000	10.217	.217	2.17	12.796	.040	1
S4	5.0000	4.9314	-.069	-1.37	6.1778	.014	1
S3	2.5000	2.4097	-.090	-3.61	3.0213	.007	1
S2	1.2500	1.1942	-.056	-4.47	1.5000	.002	1
S1	.05000	.04793	-.002	-4.15	.06582	.001	1



Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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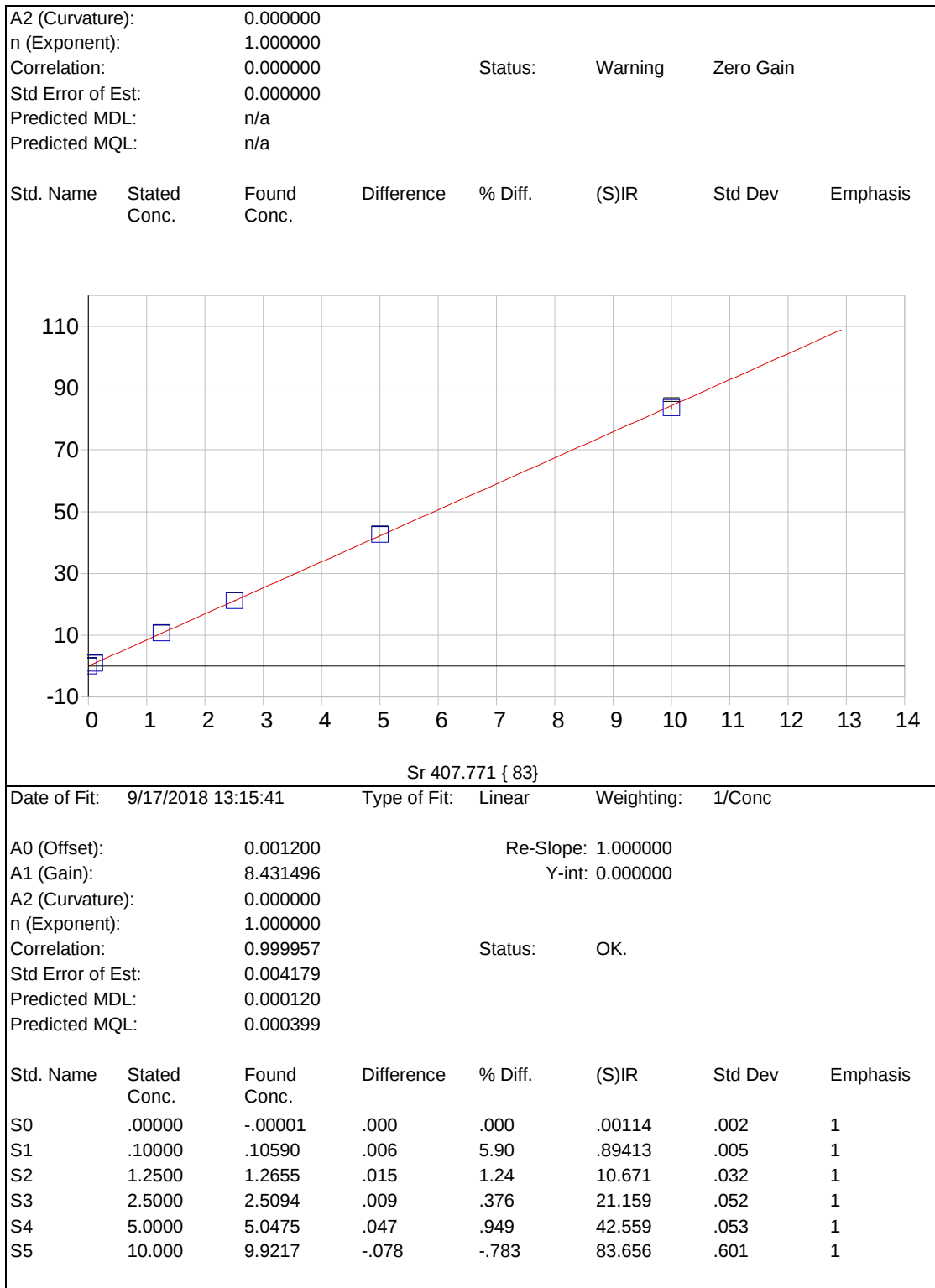


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 9/17/2018 11:19:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	-.00031	-.00041	-.00011	.00034	.00088	.00359	.01152	-.00400
Stddev	.00018	.00002	.00007	.00020	.00012	.00045	.00452	.00042
%RSD	58.444	5.7087	63.068	58.971	13.951	12.393	39.189	10.543
#1	-.00011	-.00041	-.00004	.00016	.00101	.00340	.01492	-.00355
#2	-.00045	-.00043	-.00018	.00031	.00076	.00328	.01325	-.00438
#3	-.00037	-.00038	-.00013	.00055	.00088	.00410	.00640	-.00406
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	.00060	.00202	.00003	-.00009	.00097	.00024	.00020	-.00031
Stddev	.00011	.00031	.00004	.00014	.00029	.00007	.00014	.00016
%RSD	19.209	15.424	133.70	150.91	29.813	28.237	67.418	52.583
#1	.00061	.00171	.00004	.00004	.00099	.00017	.00017	-.00018
#2	.00048	.00234	-.00001	-.00008	.00067	.00025	.00008	-.00026
#3	.00071	.00200	.00006	-.00025	.00124	.00031	.00035	-.00049
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	-.00178	-.00094	.00375	.00030	-.00029	.02760	-.00095	.00189
Stddev	.00007	.00007	.00012	.00013	.00039	.00228	.00002	.00016
%RSD	3.9624	7.5807	3.2663	43.926	136.78	8.2594	2.5780	8.6181
#1	-.00177	-.00088	.00363	.00030	-.00031	.02514	-.00097	.00206
#2	-.00171	-.00093	.00375	.00042	.00012	.02964	-.00092	.00188
#3	-.00185	-.00102	.00387	.00016	-.00066	.02802	-.00094	.00173
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	.00069	.00037	.00666	.00053	.00139	.00562	.00114	
Stddev	.00011	.00008	.00028	.00004	.00026	.00102	.00164	
%RSD	16.660	21.233	4.2802	7.7688	18.749	18.182	144.21	
#1	.00082	.00041	.00634	.00053	.00144	.00655	-.00062	
#2	.00061	.00042	.00688	.00048	.00162	.00453	.00139	
#3	.00064	.00028	.00676	.00057	.00111	.00579	.00263	

Sample Name: S0 Acquired: 9/17/2018 11:19:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	2240.8	2586.3	51239.	5121.0	3867.3
Stddev	4.7	13.7	124.	41.5	11.8
%RSD	.21057	.53117	.24167	.81009	.30446
#1	2246.1	2571.5	51368.	5168.9	3856.7
#2	2239.3	2589.0	51226.	5099.4	3865.4
#3	2237.1	2598.6	51122.	5094.8	3880.0

Sample Name: S1 Acquired: 9/17/2018 11:23:46 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	.00009	.00127	.00156	.00311	.01235	.01860	.73392	.04224
Stddev	.00009	.00012	.00036	.00013	.00032	.00073	.00378	.00028
%RSD	98.181	9.2702	23.365	4.1506	2.5715	3.9381	.51460	.65243

#1	.00020	.00120	.00147	.00306	.01272	.01875	.73176	.04196
#2	.00005	.00120	.00196	.00301	.01214	.01925	.73173	.04251
#3	.00003	.00140	.00125	.00325	.01221	.01781	.73829	.04223

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	.01492	.17199	.00172	.03238	.00385	.00109	.00246	.02141
Stddev	.00008	.00134	.00004	.00012	.00013	.00017	.00016	.00013
%RSD	.53429	.77971	2.3177	.37122	3.3487	15.335	6.7046	.61791

#1	.01484	.17050	.00168	.03227	.00392	.00113	.00228	.02155
#2	.01490	.17310	.00176	.03236	.00370	.00124	.00260	.02138
#3	.01500	.17238	.00170	.03251	.00393	.00091	.00249	.02130

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	.02376	.00106	.03953	.00277	.00094	.16526	.00229	.00617
Stddev	.00007	.00006	.00365	.00014	.00021	.00048	.00004	.00066
%RSD	.31497	6.1413	9.2378	5.0373	22.469	.29275	1.8983	10.692

#1	.02384	.00105	.04148	.00262	.00070	.16497	.00225	.00612
#2	.02373	.00100	.03532	.00279	.00104	.16500	.00234	.00554
#3	.02370	.00112	.04180	.00290	.00109	.16582	.00229	.00686

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	.00994	.00297	.05242	.00119	.01173	.06582	.89413	
Stddev	.00019	.00016	.00083	.00009	.00026	.00121	.00512	
%RSD	1.9529	5.4418	1.5760	7.7147	2.2418	1.8346	.57280	

#1	.00985	.00288	.05310	.00129	.01203	.06472	.88852	
#2	.00981	.00287	.05150	.00117	.01161	.06563	.89530	
#3	.01016	.00316	.05265	.00111	.01155	.06711	.89856	

Sample Name: S1 Acquired: 9/17/2018 11:23:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	2261.1	2586.7	51734.	5179.8	3890.6
Stddev	16.4	6.2	187.	38.4	3.4
%RSD	.72619	.24150	.36223	.74053	.08682
#1	2272.8	2589.8	51948.	5210.5	3892.2
#2	2242.3	2590.9	51603.	5192.1	3892.8
#3	2268.0	2579.6	51650.	5136.8	3886.7

Sample Name: S2 Acquired: 9/17/2018 11:27:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	.04221	.08496	.95221	.09613	.22657	2.7628	8.5750	1.0446
Stddev	.00024	.00049	.00142	.00016	.00049	.0094	.0198	.0010
%RSD	.57664	.58044	.14864	.16945	.21730	.33867	.23117	.10063

#1	.04249	.08448	.95369	.09600	.22640	2.7608	8.5977	1.0443
#2	.04209	.08492	.95087	.09608	.22713	2.7730	8.5655	1.0438
#3	.04205	.08547	.95207	.09631	.22619	2.7546	8.5617	1.0458

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.6554	2.0560	.58402	.39126	.43293	.35934	.54128	.25048
Stddev	.0012	.0010	.00095	.00078	.00141	.00118	.00125	.00163
%RSD	.07148	.04712	.16316	.19940	.32540	.32794	.23095	.65257

#1	1.6566	2.0549	.58295	.39214	.43228	.35892	.54011	.24881
#2	1.6553	2.0562	.58432	.39095	.43455	.36067	.54114	.25208
#3	1.6543	2.0568	.58479	.39067	.43198	.35843	.54260	.25056

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	.37319	.06107	.26368	.03132	.08272	1.0419	.03911	.55835
Stddev	.00057	.00036	.00106	.00051	.00063	.0023	.00044	.00225
%RSD	.15230	.58399	.40354	1.6131	.76309	.21897	1.1259	.40310

#1	.37383	.06122	.26260	.03163	.08331	1.0410	.03939	.55597
#2	.37273	.06133	.26473	.03074	.08206	1.0445	.03860	.55866
#3	.37301	.06066	.26371	.03159	.08279	1.0402	.03934	.56044

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	1.1013	.03193	.59766	.13642	.25987	1.5000	10.671	
Stddev	.0009	.00030	.00191	.00053	.00088	.0022	.032	
%RSD	.07840	.94510	.31927	.38595	.33691	.14919	.30137	

#1	1.1019	.03159	.59594	.13698	.25940	1.5011	10.668	
#2	1.1017	.03217	.59732	.13633	.26088	1.5014	10.705	
#3	1.1003	.03202	.59971	.13594	.25932	1.4974	10.641	

Sample Name: S2 Acquired: 9/17/2018 11:27:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	2215.5	2518.1	51497.	5198.3	3687.1
Stddev	6.1	8.9	36.	11.9	10.8
%RSD	.27734	.35373	.07023	.22809	.29204
#1	2208.4	2508.1	51475.	5211.8	3675.5
#2	2219.0	2520.8	51539.	5193.5	3689.1
#3	2219.2	2525.3	51477.	5189.6	3696.7

Sample Name: S3 Acquired: 9/17/2018 11:31:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	.08534	.17031	1.9266	.19007	.44973	5.5100	17.148	2.0710
Stddev	.00014	.00062	.0038	.00024	.00087	.0115	.009	.0042
%RSD	.16183	.36616	.19557	.12724	.19339	.20950	.05063	.20015

#1	.08519	.16991	1.9251	.19008	.44973	5.4967	17.152	2.0757
#2	.08546	.17000	1.9238	.19031	.44886	5.5177	17.154	2.0679
#3	.08537	.17103	1.9309	.18983	.45060	5.5155	17.138	2.0695

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2940	4.0021	1.1548	.78668	.85376	.71151	1.0711	.49800
Stddev	.0047	.0051	.0011	.00194	.00221	.00282	.0033	.00198
%RSD	.14151	.12712	.09728	.24665	.25829	.39596	.30721	.39827

#1	3.2935	3.9964	1.1543	.78450	.85259	.70886	1.0674	.49570
#2	3.2895	4.0040	1.1561	.78733	.85238	.71447	1.0723	.49916
#3	3.2988	4.0060	1.1540	.78822	.85630	.71120	1.0737	.49912

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	.81853	.12339	.52463	.06218	.16158	2.0840	.08143	1.1243
Stddev	.00152	.00022	.00266	.00067	.00073	.0100	.00021	.0041
%RSD	.18560	.17674	.50731	1.0768	.45355	.47822	.26118	.36752

#1	.81716	.12316	.52183	.06142	.16074	2.0791	.08120	1.1259
#2	.81827	.12359	.52712	.06245	.16194	2.0775	.08148	1.1196
#3	.82016	.12343	.52495	.06267	.16206	2.0955	.08162	1.1273

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2107	.06593	1.1627	.27578	.51334	3.0213	21.159
Stddev	.0020	.00016	.0057	.00083	.00153	.0071	.052
%RSD	.09095	.23789	.48986	.30042	.29794	.23427	.24445

#1	2.2090	.06575	1.1643	.27509	.51169	3.0133	21.101
#2	2.2103	.06601	1.1564	.27555	.51361	3.0237	21.175
#3	2.2129	.06603	1.1675	.27670	.51472	3.0268	21.201

Sample Name: S3 Acquired: 9/17/2018 11:31:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	2182.0	2436.2	51315.	5182.4	3520.0
Stddev	6.8	2.1	174.	8.6	5.9
%RSD	.31305	.08463	.33940	.16537	.16655
#1	2182.6	2438.6	51513.	5185.9	3524.8
#2	2188.6	2435.0	51187.	5188.6	3521.7
#3	2175.0	2435.0	51244.	5172.6	3513.5

Sample Name: S4 Acquired: 9/17/2018 11:35:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	.17759	.33874	3.9394	.38190	.91913	11.241	34.496	4.1187
Stddev	.00048	.00188	.0091	.00026	.00318	.046	.078	.0489
%RSD	.27138	.55584	.22986	.06747	.34554	.40752	.22707	1.1873

#1	.17805	.34088	3.9485	.38160	.91886	11.225	34.580	4.1450
#2	.17709	.33734	3.9304	.38204	.91610	11.292	34.484	4.1488
#3	.17762	.33800	3.9393	.38206	.92244	11.205	34.425	4.0622

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.6408	7.9271	2.2441	1.5875	1.7137	1.3991	2.1114	1.0164
Stddev	.0124	.0204	.0034	.0034	.0003	.0091	.0049	.0060
%RSD	.18643	.25749	.15053	.21761	.01815	.64906	.23224	.59342

#1	6.6513	7.9503	2.2480	1.5907	1.7141	1.3954	2.1166	1.0139
#2	6.6272	7.9120	2.2422	1.5839	1.7137	1.4094	2.1069	1.0232
#3	6.6440	7.9190	2.2421	1.5880	1.7135	1.3924	2.1107	1.0120

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	1.4973	.25290	1.0565	.12458	.33491	4.2628	.17138	2.2779
Stddev	.0049	.00038	.0055	.00115	.00467	.0144	.00050	.0313
%RSD	.32487	.15057	.52215	.91967	1.3956	.33905	.29462	1.3752

#1	1.5015	.25325	1.0537	.12464	.33100	4.2590	.17168	2.2883
#2	1.4920	.25297	1.0628	.12570	.33364	4.2787	.17080	2.3027
#3	1.4986	.25249	1.0529	.12341	.34009	4.2506	.17167	2.2427

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.4776	.13879	2.2945	.56311	1.0247	6.1778	42.559	
Stddev	.0081	.00061	.0289	.00120	.0041	.0141	.053	
%RSD	.18111	.43711	1.2602	.21332	.39655	.22837	.12384	

#1	4.4720	.13947	2.3088	.56420	1.0221	6.1826	42.620	
#2	4.4740	.13831	2.3134	.56183	1.0294	6.1888	42.527	
#3	4.4869	.13858	2.2612	.56330	1.0225	6.1619	42.530	

Sample Name: S4 Acquired: 9/17/2018 11:35:40 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	2051.3	2270.2	49668.	5047.4	3256.6
Stddev	6.6	4.5	30.	48.9	6.7
%RSD	.31983	.19706	.06104	.96812	.20459
#1	2045.6	2271.6	49680.	5022.0	3250.8
#2	2058.4	2273.8	49690.	5016.5	3263.9
#3	2049.8	2265.2	49633.	5103.7	3255.0

Sample Name: S5 Acquired: 9/17/2018 11:39:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	.37281	.66266	8.0064	.76859	1.9290	23.014	68.169	8.1037
Stddev	.00102	.00060	.0133	.00112	.0016	.124	1.220	.0415
%RSD	.27277	.09082	.16648	.14551	.08397	.53678	1.7897	.51253

#1	.37337	.66197	7.9954	.76981	1.9290	22.872	66.814	8.0580
#2	.37164	.66298	8.0025	.76760	1.9274	23.071	68.511	8.1138
#3	.37343	.66304	8.0212	.76838	1.9306	23.098	69.181	8.1392

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13.281	15.842	4.3823	3.2133	3.4229	2.7452	4.1451	2.0638
Stddev	.034	.013	.0021	.0055	.0133	.0291	.0150	.0184
%RSD	.25796	.08045	.04741	.17135	.38809	1.0587	.36274	.89000

#1	13.266	15.828	4.3837	3.2099	3.4126	2.7148	4.1394	2.0449
#2	13.256	15.848	4.3833	3.2104	3.4181	2.7481	4.1338	2.0648
#3	13.320	15.852	4.3799	3.2197	3.4379	2.7727	4.1622	2.0816

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	3.0066	.52049	2.1404	.24683	.69553	8.7625	.35589	4.5572
Stddev	.0069	.00133	.0182	.00162	.00333	.0688	.00114	.0201
%RSD	.22768	.25646	.84925	.65741	.47853	.78488	.31914	.44019

#1	3.0021	.51907	2.1195	.24541	.69379	8.6845	.35459	4.5340
#2	3.0032	.52172	2.1525	.24649	.69343	8.7887	.35671	4.5684
#3	3.0145	.52067	2.1492	.24860	.69937	8.8143	.35636	4.5691

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	9.2826	.28939	4.5099	1.1403	2.0438	12.796	83.656	
Stddev	.0170	.00065	.0198	.0020	.0106	.040	.601	
%RSD	.18307	.22388	.43805	.17369	.51637	.31100	.71868	

#1	9.2904	.28909	4.4882	1.1383	2.0316	12.771	83.157	
#2	9.2631	.28895	4.5268	1.1404	2.0499	12.842	83.489	
#3	9.2943	.29013	4.5148	1.1423	2.0499	12.775	84.324	

Sample Name: S5 Acquired: 9/17/2018 11:39:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	1937.7	2093.4	49130.	5019.8	3030.0
Stddev	1.3	6.4	10.	36.6	9.5
%RSD	.06607	.30559	.01990	.72893	.31429
#1	1938.1	2091.9	49119.	5061.6	3032.7
#2	1938.6	2100.4	49136.	5004.7	3037.9
#3	1936.2	2087.9	49135.	4993.3	3019.4

Sample Name: S6 Acquired: 9/17/2018 11:43:35 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	61.487	25.601	7.4270	3.5099	5.9579
Stddev	.351	.077	.0515	.0201	.0179
%RSD	.57129	.30222	.69373	.57184	.30075

#1	61.120	25.512	7.3802	3.4920	5.9376
#2	61.820	25.652	7.4822	3.5316	5.9715
#3	61.520	25.638	7.4186	3.5061	5.9646

Int. Std.	Y_3710
Units	Cts/S
Avg	4925.7
Stddev	10.4
%RSD	.21148

#1	4920.8
#2	4918.7
#3	4937.7

Sample Name: ICV Acquired: 9/17/2018 11:47:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	.9688914	1.067055	.9535101	1.014082	.9677075	2.385724
Stddev	.0070535	.002753	.0011295	.003095	.0020436	.034410
%RSD	.7280015	.2580227	.1184597	.3051568	.2111814	1.442348

#1	.9717720	1.064036	.9547305	1.011261	.9657468	2.385730
#2	.9740488	1.067698	.9532984	1.017392	.9698250	2.420131
#3	.9608535	1.069429	.9525014	1.013592	.9675505	2.351311

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5194045	.5072725	.5005445	10.43881	.5171733	.4989262
Stddev	.0015783	.0037449	.0010125	.05286	.0009626	.0011629
%RSD	.3038754	.7382519	.2022842	.5063440	.1861294	.2330851

#1	.5177976	.5096384	.5006611	10.37803	.5168813	.4991854
#2	.5209526	.5029548	.4994787	10.46442	.5163905	.4976555
#3	.5194634	.5092242	.5014937	10.47398	.5182481	.4999376

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5357262	5.535456	.5143596	5.872782	.5060748	.4640597
Stddev	.0026725	.077699	.0016689	.062452	.0014031	.0032420
%RSD	.4988621	1.403665	.3244688	1.063417	.2772524	.6986155

#1	.5384504	5.545137	.5138098	5.944591	.5056800	.4630599
#2	.5331085	5.607861	.5130348	5.842609	.5049114	.4676838
#3	.5356199	5.453370	.5162340	5.831146	.5076330	.4614353

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.724163	.5353746	1.000493	9.540554	F .0116923	F .5119315
Stddev	.040353	.0148565	.016779	.070607	.0011150	.0044202
%RSD	.4149804	2.774967	1.677059	.7400746	9.535933	.8634277

#1	9.730396	.5404587	.997441	9.542934	.0108273	.5136446
#2	9.761036	.5470217	1.018588	9.609942	.0112989	.5069112
#3	9.681055	.5186436	.985449	9.468787	.0129506	.5152387

Sample Name: ICV Acquired: 9/17/2018 11:47:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .4926071	.0002467	.4992824	F .4907437	.5309687	.0088334
Stddev	.0011470	.0053866	.0018364	.0024182	.0074733	.0026908
%RSD	.2328506	2183.246	.3677987	.4927680	1.407492	30.46229

#1	.4931793	-.001779	.5011755	.4888131	.5344977	.0094713
#2	.4912865	.006353	.4975086	.4934561	.5360240	.0111479
#3	.4933554	-.003833	.4991631	.4899620	.5223843	.0058809

Elem	Sr4077
Units	ppm
Avg	.0119040
Stddev	.0000483
%RSD	.4053056

#1	.0118851
#2	.0119588
#3	.0118681

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2298.823	2601.330	52472.24	5239.771	3914.322
Stddev	3.383	.841	88.20	20.152	4.820
%RSD	.1471691	.0323299	.1680796	.3845890	.1231377

#1	2294.998	2600.740	52567.78	5218.252	3909.754
#2	2300.050	2602.293	52455.02	5258.197	3919.359
#3	2301.422	2600.956	52393.94	5242.864	3913.854

Sample Name: ICB Acquired: 9/17/2018 11:53:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	.0008408	-.000968	-.000179	.0009967	.0001286	.0005090	-.001403
Stddev	.0041721	.002047	.001393	.0008791	.0012507	.0055480	.000678
%RSD	496.1865	211.4281	776.9509	88.19875	972.8239	1089.917	48.33857

#1	.0054265	.000350	-.001431	.0011484	.0008903	.0012426	-.000657
#2	-.002731	.000072	-.000429	.0000517	-.001315	.0056538	-.001982
#3	-.000173	-.003327	.001322	.0017900	.000810	-.005369	-.001571

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000573	.0000052	.0056736	.0000894	.0001307	.0015233	-.002877
Stddev	.0000285	.0000367	.0165403	.0004062	.0002442	.0029806	.017547
%RSD	49.80587	707.8837	291.5321	454.5913	186.8378	195.6712	609.9902

#1	.0000596	-.000021	.0117341	.0004267	-.000020	-.001492	.007184
#2	.0000277	-.000011	-.013042	-.000362	.000412	.001594	-.023138
#3	.0000846	.000047	.018329	.000203	-.000001	.004468	.007325

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000735	.0028340	.0003434	.0001170	-.267160	-.002757	.0011124
Stddev	.001740	.0676302	.0003472	.0004300	.234206	.005746	.0119622
%RSD	236.7762	2386.414	101.0913	367.6643	87.66500	208.3956	1075.348

#1	.001236	.0031317	.0001300	.0005347	-.018358	.002466	-.007323
#2	-.002061	-.064945	.0001562	-.000324	-.483351	-.001825	-.004143
#3	-.001380	.070315	.0007440	.000141	-.299771	-.008913	.014803

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.050686	-.000948	.0068435	-.000015	-.001940	-.000131	.0004189
Stddev	.048766	.000261	.0003697	.000059	.000571	.000685	.0000984
%RSD	96.21251	27.56801	5.401450	381.1788	29.43613	524.4492	23.48458

#1	-.015531	-.000732	.0069763	-.000046	-.002531	-.000832	.0004498
#2	-.030168	-.001239	.0071285	.000052	-.001392	-.000097	.0004980
#3	-.106358	-.000874	.0064258	-.000053	-.001896	.000537	.0003087

Sample Name: ICB Acquired: 9/17/2018 11:53:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	-.000152	.0039504	-.000077
Stddev	.000176	.0019296	.000103
%RSD	115.8836	48.84684	133.8392

#1	.000001	.0042198	-.000169
#2	-.000345	.0019002	-.000096
#3	-.000112	.0057311	.000034

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2271.626	2576.769	51543.91	5184.947	3857.223
Stddev	11.524	5.564	148.88	24.976	5.139
%RSD	.5073164	.2159302	.2888391	.4817050	.1332285

#1	2280.266	2571.698	51377.09	5212.210	3851.337
#2	2258.541	2575.887	51591.36	5179.460	3860.819
#3	2276.072	2582.721	51663.29	5163.170	3859.513

Sample Name: ICSA Acquired: 9/17/2018 11:57:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	-.006317	.0016868	-.001533	-.013111	.0033339	244.6781
Stddev	.002181	.0041237	.002208	.001968	.0014234	.8844
%RSD	34.53484	244.4708	144.0188	15.00990	42.69555	.3614739

#1	-.006501	.0061555	-.004043	-.013808	.0024447	245.2248
#2	-.008400	.0008766	.000108	-.014636	.0049756	245.1517
#3	-.004049	-.001972	-.000664	-.010889	.0025813	243.6576

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059794	.0009500	-.000475	254.4751	.0532162	.0001784
Stddev	.0004694	.0000684	.000143	.4574	.0007022	.0003350
%RSD	7.850073	7.200119	30.00244	.1797525	1.319439	187.8337

#1	.0055069	.0008814	-.000530	254.9713	.0528906	.0003957
#2	.0059857	.0009506	-.000583	254.0703	.0540220	.0003468
#3	.0064456	.0010182	-.000314	254.3837	.0527359	-.000207

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001949	106.1727	.0091512	257.9367	.0030078	-.001048
Stddev	.002724	.3089	.0001423	1.3923	.0001305	.000339
%RSD	139.7293	.2909036	1.555564	.5397782	4.338616	32.29991

#1	.000747	106.2217	.0091919	257.6027	.0028920	-.001144
#2	-.001896	106.4542	.0089929	259.4656	.0031492	-.000672
#3	-.004700	105.8423	.0092687	256.7417	.0029821	-.001329

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.045855	-.003601	-.002464	-.216404	.0013753	F .0724777
Stddev	.240670	.002614	.010039	.089604	.0033609	.0003328
%RSD	524.8437	72.60896	407.4311	41.40599	244.3757	.4592052

#1	-.306339	-.006520	-.010814	-.283577	.0002827	.0728573
#2	.168249	-.002808	-.005252	-.250970	-.001303	.0722362
#3	.000524	-.001474	.008674	-.114665	.005147	.0723395

Sample Name: ICSA Acquired: 9/17/2018 11:57:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	.0013489	.0043543	-.002074	-.003562	-.004950	.0060136
Stddev	.0000516	.0033038	.001474	.001275	.002136	.0010127
%RSD	3.825963	75.87421	71.07379	35.80831	43.16283	16.84066

#1	.0013742	.0006272	-.001468	-.002708	-.003931	.0066831
#2	.0012896	.0055133	-.000999	-.005028	-.007405	.0065092
#3	.0013830	.0069223	-.003754	-.002949	-.003513	.0048485

Elem	Sr4077
Units	ppm
Avg	.1044654
Stddev	.0005113
%RSD	.4894404

#1	.1050558
#2	.1041767
#3	.1041638

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2173.446	2427.179	50492.27	5126.276	3418.540
Stddev	3.052	3.045	35.53	17.175	4.152
%RSD	.1404308	.1254466	.0703671	.3350336	.1214467

#1	2169.938	2423.832	50485.10	5107.839	3416.172
#2	2174.900	2427.918	50460.86	5141.821	3416.114
#3	2175.498	2429.786	50530.83	5129.168	3423.334

Sample Name: ICSAB Acquired: 9/17/2018 12:02:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	.0878876	.1101975	.0450586	.0340322	.6030400	243.3876
Stddev	.0048371	.0001144	.0022353	.0041822	.0033868	1.1306
%RSD	5.503748	.1038128	4.960943	12.28906	.5616220	.4645101

#1	.0925768	.1101473	.0425753	.0292934	.6023154	242.2256
#2	.0829151	.1101169	.0456906	.0372071	.6067304	244.4838
#3	.0881710	.1103284	.0469098	.0355961	.6000741	243.4534

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5352966	.5179277	1.018519	253.2173	.5755017	.5144448
Stddev	.0024437	.0020831	.002456	.3482	.0013372	.0008918
%RSD	.4565118	.4021904	.2411385	.1375034	.2323611	.1733497

#1	.5373294	.5203138	1.017132	253.1650	.5740534	.5149864
#2	.5359750	.5164719	1.017069	253.5887	.5766895	.5134155
#3	.5325853	.5169973	1.021354	252.8982	.5757624	.5149325

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5267349	105.9119	.5255857	257.9953	1.027663	.1781417
Stddev	.0039162	1.2634	.0034099	3.1766	.003723	.0005709
%RSD	.7434925	1.192917	.6487763	1.231252	.3623062	.3204653

#1	.5312501	104.4905	.5249208	254.4711	1.026648	.1778721
#2	.5242613	106.9073	.5225572	260.6381	1.024551	.1787975
#3	.5246932	106.3378	.5292790	258.8765	1.031788	.1777556

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1984275	.5328843	1.046436	-.292211	.0170341	F .0669526
Stddev	.0545436	.0086869	.022595	.027490	.0056273	.0041164
%RSD	27.48790	1.630165	2.159206	9.407613	33.03576	6.148193

#1	.1672165	.5337070	1.071745	-.284893	.0113241	.0636677
#2	.2614082	.5238153	1.039270	-.322620	.0172032	.0715702
#3	.1666579	.5411306	1.028294	-.269121	.0225750	.0656199

Sample Name: ICSAB Acquired: 9/17/2018 12:02:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) 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	.0030823	.0060199	-.001804	-.004825	-.002155	.0057581
Stddev	.0001613	.0021726	.000939	.000517	.001353	.0015398
%RSD	5.234156	36.09068	52.05895	10.70464	62.78150	26.74147

#1	.0029435	.0083277	-.000977	-.005367	-.001325	.0059102
#2	.0032593	.0040139	-.002825	-.004338	-.001423	.0041479
#3	.0030440	.0057182	-.001610	-.004771	-.003716	.0072162

Elem	Sr4077
Units	ppm
Avg	.1041804
Stddev	.0003029
%RSD	.2907304

#1	.1044461
#2	.1042446
#3	.1038506

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2175.386	2429.081	50612.27	5146.922	3425.845
Stddev	2.208	3.025	151.33	8.437	2.380
%RSD	.1014836	.1245442	.2990044	.1639221	.0694640

#1	2176.538	2425.618	50787.01	5154.333	3423.656
#2	2172.841	2431.210	50523.24	5137.740	3428.378
#3	2176.780	2430.416	50526.58	5148.693	3425.502

Sample Name: CCV022 Acquired: 9/17/2018 12:06:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.945116	4.997152	25.18344	4.825550	4.993354	405.2869	10.32791
Stddev	.018362	.009730	.01419	.006882	.020745	2.3967	.01306
%RSD	.3713209	.1947118	.0563604	.1426083	.4154544	.5913688	.1264449

#1	4.923914	5.006252	25.18767	4.833456	4.969909	406.4686	10.31560
#2	4.955494	4.998309	25.16761	4.822287	5.009331	406.8634	10.34161
#3	4.955939	4.986895	25.19503	4.820907	5.000822	402.5288	10.32651

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5081687	2.519758	406.5675	15.31128	2.554535	15.40648	409.6885
Stddev	.0045887	.005437	.7599	.05631	.001545	.05365	4.9387
%RSD	.9029949	.2157598	.1869006	.3677982	.0604674	.3482232	1.205473

#1	.5097906	2.518475	406.0559	15.24626	2.554140	15.41940	413.0234
#2	.5117263	2.515077	407.4407	15.34464	2.553226	15.45249	412.0274
#3	.5029893	2.525721	406.2060	15.34293	2.556239	15.34755	404.0149

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.10279	404.9268	2.522127	1.272694	404.2553	2.576619	15.11533
Stddev	.06299	4.4301	.001868	.005803	1.9761	.029447	.14310
%RSD	.4171052	1.094044	.0740777	.4559825	.4888236	1.142864	.9466919

#1	15.06444	407.4938	2.520884	1.275259	405.6650	2.591287	15.24994
#2	15.17549	407.4752	2.521222	1.266051	405.1043	2.595851	14.96504
#3	15.06843	399.8114	2.524276	1.276773	401.9966	2.542718	15.13100

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.9893	5.288650	5.231619	4.937941	5.176450	5.062114	5.098290
Stddev	.8909	.014733	.044596	.009551	.010076	.043802	.005906
%RSD	.5674629	.2785780	.8524397	.1934182	.1946491	.8652864	.1158349

#1	157.3811	5.272084	5.257430	4.928062	5.167062	5.077866	5.095887
#2	157.6171	5.300285	5.257304	4.938637	5.175192	5.095861	5.093964
#3	155.9697	5.293581	5.180124	4.947125	5.187096	5.012615	5.105018

Sample Name: CCV022 Acquired: 9/17/2018 12:06:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV022 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.109388	5.206641	5.142789
Stddev	.043850	.013602	.012975
%RSD	.8582282	.2612485	.2523007

#1	5.137685	5.212294	5.137536
#2	5.131603	5.216506	5.157567
#3	5.058876	5.191124	5.133263

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2031.872	2205.478	49273.12	5048.733	3075.247
Stddev	12.272	1.810	73.75	28.941	4.037
%RSD	.6039849	.0820543	.1496749	.5732368	.1312884

#1	2025.768	2206.919	49357.46	5030.240	3070.609
#2	2045.999	2203.447	49241.10	5033.874	3077.156
#3	2023.848	2206.068	49220.79	5082.086	3077.976

Sample Name: CCB022 Acquired: 9/17/2018 12:09:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016038	-.001055	.0009497	.0033532	.0000228	.0048782
Stddev	.0067691	.001471	.0022036	.0014383	.0019794	.0017790
%RSD	422.0648	139.4375	232.0284	42.89155	8673.438	36.46880

#1	.0093617	.000634	.0002170	.0045273	-.000631	.0049779
#2	-.001450	-.001739	-.000794	.0017490	-.001547	.0066053
#3	-.003100	-.002061	.003426	.0037833	.002246	.0030514

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006348	.0001320	-.000020	-.007819	.0003519	.0001789
Stddev	.0003596	.0000466	.000051	.005138	.0003081	.0001838
%RSD	56.64300	35.33168	252.7190	65.71347	87.55190	102.7397

#1	.0007233	.0000782	-.000021	-.013391	.0003715	.0001288
#2	.0009420	.0001606	.000031	-.006799	.0006497	.0003827
#3	.0002393	.0001571	-.000072	-.003267	.0000345	.0000254

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005915	.0059124	-.001924	.0047642	.0002224	.0000487
Stddev	.0038276	.0201013	.000318	.0383013	.0001956	.0003240
%RSD	647.1528	339.9817	16.53654	803.9463	87.96661	665.5498

#1	-.002342	-.010808	-.002221	.0424729	.0000445	-.000116
#2	.004921	.000330	-.001588	-.034104	.0001907	.000422
#3	-.000804	.028215	-.001963	.005923	.0004319	-.000160

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.152652	-.007453	-.014450	.0024580	-.002298	F .0122470
Stddev	.232741	.003924	.012756	.0488393	.000378	.0008512
%RSD	152.4650	52.64962	88.27566	1986.993	16.44940	6.950481

#1	.100634	-.009279	-.007856	.0587085	-.002655	.0132128
#2	-.357095	-.002949	-.029154	-.022178	-.001902	.0116061
#3	-.201495	-.010132	-.006341	-.029157	-.002339	.0119221

Sample Name: CCB022 Acquired: 9/17/2018 12:09:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB022 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000043	-.002247	-.000862	.0003785	-.001539	.0029805
Stddev	.000203	.003450	.000451	.0002985	.001125	.0024458
%RSD	477.5536	153.5310	52.37020	78.86879	73.12957	82.05986

#1	-.000277	.001554	-.001091	.0006950	-.002664	.0057807
#2	.000081	-.005182	-.001153	.0001019	-.000414	.0018975
#3	.000068	-.003114	-.000342	.0003386	-.001538	.0012631

Elem	Sr4077
Units	ppm
Avg	-.000009
Stddev	.000029
%RSD	311.3623

#1	-.000004
#2	-.000040
#3	.000016

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2270.456	2577.634	51737.42	5213.280	3858.118
Stddev	19.907	7.935	152.10	65.094	10.353
%RSD	.8768054	.3078309	.2939768	1.248624	.2683518

#1	2281.387	2568.481	51798.05	5183.790	3846.278
#2	2247.478	2582.575	51564.36	5168.150	3865.471
#3	2282.503	2581.846	51849.85	5287.900	3862.604

Sample Name: J4755-06 Acquired: 9/17/2018 12:13:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3970808	.0136444	7.870865	-.020965	.0302487	120.3395	1.819721
Stddev	.0025921	.0012880	.016025	.001808	.0025480	.4162	.002515
%RSD	.6527907	9.439618	.2035983	8.624483	8.423593	.3458824	.1382138

#1	.3996146	.0138574	7.872575	-.020921	.0331670	120.4340	1.820798
#2	.3971937	.0122633	7.854053	-.022795	.0291133	119.8841	1.816847
#3	.3944341	.0148127	7.885966	-.019179	.0284656	120.7003	1.821518

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086439	.2061387	88.03838	.1707360	.1040916	1.346197	228.9214
Stddev	.0000312	.0002064	.16001	.0005452	.0000853	.009939	1.3520
%RSD	.3605294	.1001211	.1817510	.3193321	.0819408	.7383258	.5906044

#1	.0086661	.2060746	87.94322	.1701072	.1041757	1.339526	228.9559
#2	.0086082	.2059719	87.94881	.1710228	.1040939	1.341445	227.5524
#3	.0086572	.2063695	88.22312	.1710779	.1040051	1.357621	230.2558

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.664773	52.81669	.1393783	.0302068	1.450333	.4619262	2.980641
Stddev	.027954	.15673	.0004190	.0003634	.169852	.0049209	.030851
%RSD	.4194366	.2967388	.3006313	1.203089	11.71126	1.065290	1.035062

#1	6.637111	52.80301	.1393464	.0298834	1.367473	.4673164	2.979303
#2	6.664196	52.66725	.1389761	.0301369	1.337814	.4607879	2.950480
#3	6.693011	52.97981	.1398123	.0306000	1.645713	.4576742	3.012139

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.33642	14.85684	.2171308	.0106886	6.187193	7.708814	.0206818
Stddev	.11614	.06117	.0020990	.0003904	.030846	.056516	.0008765
%RSD	.2506388	.4117401	.9667184	3.652198	.4985507	.7331291	4.237861

#1	46.46015	14.88239	.2195304	.0106973	6.214269	7.717295	.0197675
#2	46.22977	14.78704	.2162269	.0110746	6.153613	7.648537	.0215147
#3	46.31935	14.90110	.2156352	.0102940	6.193695	7.760610	.0207633

Sample Name: J4755-06 Acquired: 9/17/2018 12:13:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0H15 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.269695	.1292525	.4717541
Stddev	.012070	.0019145	.0006623
%RSD	.3691498	1.481198	.1403824

#1	3.267731	.1306802	.4710657
#2	3.258728	.1270770	.4718101
#3	3.282627	.1300003	.4723866

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2601.463	2910.046	60691.99	6161.290	3628.177
Stddev	10.224	5.640	137.48	21.381	7.632
%RSD	.3929984	.1938128	.2265258	.3470264	.2103618

#1	2589.806	2906.979	60533.25	6145.660	3625.280
#2	2605.675	2916.555	60772.89	6185.656	3636.834
#3	2608.908	2906.604	60769.83	6152.554	3622.418

Sample Name: J4755-07 Acquired: 9/17/2018 12:17:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H15D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3984605	.0159157	7.841136	-.019754	.0301725	120.3011	1.815778
Stddev	.0072655	.0039696	.007396	.003672	.0010888	.6317	.004534
%RSD	1.823389	24.94162	.0943216	18.59039	3.608572	.5250833	.2497029

#1	.4047771	.0164772	7.834629	-.023325	.0303096	119.9447	1.811136
#2	.3905207	.0116952	7.839601	-.015988	.0311862	119.9283	1.816000
#3	.4000836	.0195746	7.849180	-.019950	.0290216	121.0305	1.820196

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086632	.2051362	87.62905	.1699865	.1038378	1.349283	229.4872
Stddev	.0000578	.0004693	.12378	.0005275	.0006722	.010945	2.1170
%RSD	.6671915	.2287890	.1412563	.3103069	.6473084	.8111871	.9224958

#1	.0087022	.2051056	87.69597	.1704866	.1045665	1.336649	227.3078
#2	.0086905	.2046829	87.48621	.1694353	.1032421	1.355317	229.6181
#3	.0085968	.2056201	87.70496	.1700375	.1037049	1.355883	231.5357

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.646220	52.86303	.1385744	.0309681	1.552175	.4688153	2.984721
Stddev	.030515	.40490	.0006956	.0004464	.170730	.0097094	.032463
%RSD	.4591394	.7659413	.5019626	1.441431	10.99940	2.071057	1.087652

#1	6.679400	52.51472	.1390347	.0309298	1.537581	.4618474	3.003952
#2	6.619358	52.76709	.1389142	.0305421	1.389210	.4646927	3.002971
#3	6.639901	53.30729	.1377742	.0314324	1.729733	.4799058	2.947240

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.31865	14.84866	.2140782	.0108583	6.176107	7.727307	.0223702
Stddev	.23510	.04059	.0053625	.0004529	.013925	.045623	.0011855
%RSD	.5075696	.2733262	2.504902	4.171011	.2254585	.5904105	5.299418

#1	46.12680	14.87245	.2080157	.0104102	6.191815	7.704652	.0234343
#2	46.24824	14.87173	.2182005	.0113158	6.171227	7.697446	.0225839
#3	46.58091	14.80180	.2160185	.0108488	6.165280	7.779823	.0210923

Sample Name: J4755-07 Acquired: 9/17/2018 12:17:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H15D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.268231	.1279835	.4712396
Stddev	.020693	.0010036	.0027725
%RSD	.6331711	.7841694	.5883525

#1	3.275280	.1269079	.4740448
#2	3.244934	.1281476	.4685009
#3	3.284479	.1288949	.4711731

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2616.769	2920.656	60813.37	6183.919	3644.132
Stddev	12.415	8.287	222.69	7.109	4.793
%RSD	.4744375	.2837252	.3661787	.1149593	.1315339

#1	2622.901	2911.189	60938.06	6185.303	3638.866
#2	2602.482	2926.597	60556.27	6190.234	3648.242
#3	2624.925	2924.181	60945.77	6176.220	3645.288

Sample Name: J4755-06LREX5 Acquired: 9/17/2018 12:25:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H15L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547688	.0007534	.8823733	-.000435	.0011243	15.32013	.2375016
Stddev	.0062142	.0014832	.0033791	.003007	.0009190	.03213	.0009608
%RSD	11.34623	196.8707	.3829594	691.5006	81.73394	.2096986	.4045624

#1	.0521057	.0021466	.8845749	-.002439	.0020091	15.32601	.2381198
#2	.0618707	.0009193	.8840623	.003022	.0011893	15.28548	.2379905
#3	.0503300	-.000806	.8784826	-.001888	.0001746	15.34892	.2363947

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012077	.0230370	11.18338	.0253902	.0112170	.1722549	29.76341
Stddev	.0000781	.0001414	.03669	.0001258	.0002743	.0054461	.10556
%RSD	6.466869	.6136122	.3280661	.4953835	2.445343	3.161669	.3546565

#1	.0011326	.0229687	11.14653	.0255327	.0109673	.1668351	29.81088
#2	.0012019	.0229427	11.18371	.0253432	.0115106	.1722027	29.64246
#3	.0012885	.0231995	11.21990	.0252947	.0111732	.1777269	29.83690

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8859638	6.699689	.0176185	.0035949	.3702625	.0530500	.3827905
Stddev	.0025305	.084257	.0001263	.0003047	.1722689	.0069266	.0203383
%RSD	.2856199	1.257631	.7166202	8.476590	46.52615	13.05666	5.313174

#1	.8832656	6.603600	.0174733	.0039046	.2079756	.0544873	.3944622
#2	.8882841	6.760942	.0176800	.0035845	.5510242	.0455175	.3946033
#3	.8863417	6.734525	.0177023	.0032954	.3517879	.0591451	.3593059

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.663696	1.685232	.0302433	.0015045	.6907270	1.797241	.0014441
Stddev	.085850	.001620	.0005408	.0001638	.0051506	.020409	.0007412
%RSD	1.515803	.0961045	1.788056	10.88409	.7456706	1.135580	51.32444

#1	5.752987	1.684424	.0296189	.0016785	.6965209	1.789582	.0021531
#2	5.581759	1.684176	.0305520	.0013533	.6866677	1.781770	.0015048
#3	5.656344	1.687097	.0305591	.0014818	.6889924	1.820372	.0006745

Sample Name: J4755-06LREX5 Acquired: 9/17/2018 12:25:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0H15L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4768196	.0169806	.0620603
Stddev	.0025663	.0007221	.0002227
%RSD	.5382089	4.252306	.3587831

#1	.4778062	.0161960	.0621525
#2	.4787461	.0171285	.0618064
#3	.4739064	.0176172	.0622221

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2316.607	2619.220	52787.49	5326.620	3841.317
Stddev	21.965	4.022	239.77	29.318	5.564
%RSD	.9481323	.1535694	.4542194	.5503997	.1448418

#1	2300.902	2622.796	52548.51	5316.310	3846.318
#2	2307.214	2619.998	52785.92	5359.700	3842.309
#3	2341.707	2614.865	53028.04	5303.850	3835.324

Sample Name: J4755-09 Acquired: 9/17/2018 12:29:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2096556	.0091730	4.782796	-.012136	.0303848	75.01387	1.332401
Stddev	.0041139	.0024445	.009399	.002077	.0015031	.45989	.004412
%RSD	1.962234	26.64861	.1965238	17.11816	4.946755	.6130711	.3311376

#1	.2143166	.0109947	4.790412	-.010021	.0320764	74.52129	1.331100
#2	.2065308	.0101293	4.772291	-.012214	.0298752	75.08834	1.328785
#3	.2081193	.0063949	4.785684	-.014174	.0292028	75.43198	1.337317

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059238	.1364871	95.02288	.1369008	.0692400	1.428708	157.4554
Stddev	.0001105	.0001888	.17229	.0007520	.0001132	.005851	1.1501
%RSD	1.865185	.1382942	.1813178	.5493212	.1635202	.4095263	.7304358

#1	.0057963	.1363429	94.88261	.1372222	.0693244	1.422644	156.3077
#2	.0059882	.1364176	94.97084	.1360414	.0692843	1.429161	157.4507
#3	.0059870	.1367007	95.21520	.1374386	.0691114	1.434319	158.6079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.457902	39.87626	.1016006	.0338468	1.256365	.3395276	2.449802
Stddev	.011896	.43013	.0008560	.0002214	.102060	.0031991	.009255
%RSD	.2668585	1.078674	.8424905	.6542112	8.123399	.9422337	.3777668

#1	4.449339	39.39262	.1020347	.0337216	1.369361	.3431370	2.448131
#2	4.471485	40.02013	.1006146	.0341025	1.228853	.3384037	2.441496
#3	4.452881	40.21601	.1021526	.0337165	1.170882	.3370420	2.459778

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.49722	8.898413	.1522524	.0130769	6.689791	8.917229	.0224601
Stddev	.20738	.017456	.0010880	.0001825	.020016	.077056	.0006580
%RSD	.9218227	.1961724	.7146076	1.395540	.2991972	.8641212	2.929579

#1	22.31516	8.886148	.1511965	.0132842	6.666735	8.832653	.0231564
#2	22.45353	8.918398	.1521908	.0130056	6.699932	8.983450	.0223753
#3	22.72297	8.890693	.1533699	.0129408	6.702707	8.935583	.0218486

Sample Name: J4755-09 Acquired: 9/17/2018 12:29:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0H16 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.121969	.0894591	.4900926
Stddev	.016491	.0016786	.0006240
%RSD	.7771673	1.876329	.1273311

#1	2.111886	.0909663	.4902907
#2	2.113020	.0876502	.4905935
#3	2.141000	.0897608	.4893935

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2489.191	2795.465	57912.09	5890.794	3712.685
Stddev	1.439	2.687	29.64	46.398	3.921
%RSD	.0578032	.0961285	.0511826	.7876381	.1056036

#1	2488.267	2793.543	57938.25	5943.947	3708.180
#2	2488.457	2798.536	57879.90	5858.396	3714.545
#3	2490.849	2794.317	57918.14	5870.040	3715.329

Sample Name: J4755-10 Acquired: 9/17/2018 12:33:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2251194	.0087721	4.666948	-.012368	.0211328	78.01085	1.206020
Stddev	.0033102	.0008951	.009884	.002470	.0028507	.26188	.001890
%RSD	1.470421	10.20395	.2117807	19.97303	13.48963	.3357018	.1567214

#1	.2231134	.0084278	4.663399	-.012649	.0181599	77.94713	1.203884
#2	.2289401	.0097882	4.659328	-.014685	.0213952	77.78672	1.207474
#3	.2233047	.0081002	4.678116	-.009769	.0238432	78.29872	1.206702

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063031	.1273879	89.46514	.1149385	.0712361	1.081206	165.0538
Stddev	.0000574	.0002361	.10940	.0011054	.0002539	.010174	1.4021
%RSD	.9110613	.1853692	.1222770	.9617341	.3563934	.9409890	.8494997

#1	.0062411	.1275197	89.40582	.1156139	.0709465	1.075582	165.0935
#2	.0063138	.1271153	89.59138	.1136628	.0713418	1.075086	163.6323
#3	.0063545	.1275287	89.39821	.1155387	.0714201	1.092951	166.4357

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.636370	41.62151	.0998204	.0256233	1.291733	.3419898	2.051472
Stddev	.014182	.25866	.0008643	.0004374	.144333	.0054302	.030894
%RSD	.3058764	.6214533	.8658232	1.706958	11.17359	1.587827	1.505925

#1	4.652424	41.57494	.0994979	.0259713	1.240162	.3482581	2.046949
#2	4.631138	41.38929	.0991638	.0257663	1.180269	.3389903	2.023089
#3	4.625548	41.90029	.1007996	.0251323	1.454768	.3387209	2.084378

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.34664	8.374745	.1545684	.0080739	6.114019	6.539221	.0147619
Stddev	.06008	.014459	.0040541	.0001992	.024658	.028925	.0007882
%RSD	.2196938	.1726552	2.622821	2.467428	.4033008	.4423286	5.339394

#1	27.30236	8.391275	.1565610	.0079010	6.120216	6.511636	.0150760
#2	27.32252	8.364442	.1499037	.0080289	6.086854	6.536704	.0138650
#3	27.41503	8.368519	.1572406	.0082917	6.134987	6.569321	.0153445

Sample Name: J4755-10 Acquired: 9/17/2018 12:33:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H17 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.210443	.0971070	.4253281
Stddev	.007728	.0015707	.0009723
%RSD	.3496075	1.617439	.2286115

#1	2.205086	.0955002	.4264414
#2	2.206941	.0971821	.4246450
#3	2.219302	.0986388	.4248981

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2526.777	2827.372	58720.79	5998.737	3719.450
Stddev	13.388	4.348	222.19	16.657	4.321
%RSD	.5298464	.1537893	.3783837	.2776821	.1161689

#1	2520.501	2827.312	58571.14	6001.828	3714.499
#2	2542.150	2831.749	58976.09	6013.632	3722.461
#3	2517.679	2823.053	58615.13	5980.750	3721.390

Sample Name: J4755-11 Acquired: 9/17/2018 12:37:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2665812	.0124002	6.088113	-.014194	.0207027	88.34684	1.318426
Stddev	.0030276	.0006480	.007182	.002714	.0026485	.57155	.004396
%RSD	1.135733	5.225495	.1179603	19.12318	12.79323	.6469354	.3334135

#1	.2642496	.0116547	6.095648	-.017042	.0180156	87.68754	1.318125
#2	.2700030	.0128277	6.081347	-.011637	.0207816	88.65084	1.322965
#3	.2654910	.0127183	6.087343	-.013902	.0233109	88.70215	1.314189

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066177	.1643509	289.3180	.1265846	.0883341	1.890493	167.4453
Stddev	.0000315	.0004071	.4809	.0005905	.0003356	.007730	2.0817
%RSD	.4761359	.2477035	.1662183	.4664531	.3799041	.4088953	1.243187

#1	.0066423	.1647207	289.0921	.1267234	.0882252	1.886551	165.0487
#2	.0065822	.1639147	289.8703	.1259372	.0880665	1.899399	168.4844
#3	.0066287	.1644173	288.9917	.1270934	.0887106	1.885528	168.8029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.994930	163.8258	.1095651	.0324120	1.531279	.3501316	3.266880
Stddev	.017865	2.2082	.0003003	.0005941	.259689	.0016713	.024393
%RSD	.3576599	1.347909	.2740466	1.832926	16.95895	.4773232	.7466900

#1	4.977194	161.3233	.1097118	.0319708	1.443287	.3484081	3.246275
#2	5.012921	164.6532	.1097637	.0321776	1.823532	.3517452	3.260549
#3	4.994676	165.5007	.1092197	.0330875	1.327018	.3502414	3.293814

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.83071	9.272510	.1494649	.0083270	4.197947	12.09421	.0248614
Stddev	.07503	.027307	.0063407	.0002460	.011420	.12410	.0015409
%RSD	.2695845	.2944987	4.242253	2.954271	.2720280	1.026120	6.198099

#1	27.74507	9.255596	.1435249	.0080430	4.210389	11.96683	.0233956
#2	27.86216	9.257921	.1561418	.0084644	4.187945	12.10107	.0247208
#3	27.88489	9.304014	.1487279	.0084737	4.195507	12.21474	.0264678

Sample Name: J4755-11 Acquired: 9/17/2018 12:37:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H18 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.745882	.1130763	.3354341
Stddev	.021725	.0007769	.0007200
%RSD	.7911783	.6870182	.2146461

#1	2.720859	.1136132	.3351165
#2	2.756865	.1121855	.3362583
#3	2.759922	.1134302	.3349275

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2428.241	2710.414	56898.55	5848.696	3445.253
Stddev	8.590	3.856	314.65	24.734	1.127
%RSD	.3537554	.1422539	.5530012	.4229055	.0327109

#1	2418.430	2714.861	56553.91	5876.204	3446.448
#2	2434.414	2708.010	56971.27	5841.599	3444.209
#3	2431.877	2708.370	57170.48	5828.287	3445.101

Sample Name: J4755-12 Acquired: 9/17/2018 12:41:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1737921	.0025817	2.856161	-.018675	.0135980	84.55172	1.205580
Stddev	.0040488	.0028219	.002914	.000755	.0027229	.15856	.002508
%RSD	2.329653	109.3021	.1020082	4.042966	20.02435	.1875278	.2080186

#1	.1775956	.0007633	2.854332	-.018736	.0114891	84.64146	1.207616
#2	.1742446	.0058325	2.859520	-.019397	.0126329	84.64506	1.206345
#3	.1695362	.0011493	2.854630	-.017891	.0166720	84.36865	1.202778

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069586	.0879842	225.4169	.2344140	.0747515	1.668352	185.2343
Stddev	.0001165	.0002571	.6179	.0009104	.0004887	.001336	.3478
%RSD	1.674802	.2921708	.2740966	.3883816	.6537219	.0800818	.1877658

#1	.0070904	.0877086	226.1301	.2351032	.0751159	1.666877	185.4130
#2	.0068689	.0882174	225.0457	.2333819	.0749423	1.668698	185.4564
#3	.0069167	.0880266	225.0748	.2347569	.0741962	1.669481	184.8335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.803700	64.94691	.1302261	.0208724	2.219412	.3985103	2.436046
Stddev	.037616	.13073	.0004021	.0002697	.106749	.0028871	.025774
%RSD	.7830547	.2012846	.3087694	1.292203	4.809776	.7244779	1.058036

#1	4.833625	65.09776	.1303357	.0205767	2.318661	.3987107	2.418277
#2	4.761474	64.86662	.1297805	.0209358	2.106482	.3955282	2.424253
#3	4.816002	64.87636	.1305620	.0211048	2.233091	.4012920	2.465607

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.21502	9.542402	.1830208	.0097508	3.451191	6.378801	.0174724
Stddev	.02726	.010528	.0026974	.0003293	.004321	.051235	.0014623
%RSD	.1174181	.1103234	1.473822	3.376929	.1252165	.8032007	8.369308

#1	23.23932	9.538142	.1828666	.0096156	3.447132	6.435481	.0191572
#2	23.22019	9.534672	.1857920	.0095107	3.455734	6.365142	.0167278
#3	23.18554	9.554392	.1804038	.0101262	3.450707	6.335781	.0165323

Sample Name: J4755-12 Acquired: 9/17/2018 12:41:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H19 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.946828	.1439891	.7146583
Stddev	.007084	.0026010	.0020078
%RSD	.2403853	1.806414	.2809402

#1	2.942154	.1417117	.7160329
#2	2.954978	.1468235	.7123542
#3	2.943351	.1434320	.7155878

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2477.311	2772.351	57869.47	5933.692	3543.088
Stddev	6.129	8.013	257.98	49.725	7.572
%RSD	.2473950	.2890163	.4457933	.8380127	.2137060

#1	2472.766	2775.638	57812.36	5877.250	3546.031
#2	2484.281	2763.218	58151.22	5971.041	3534.487
#3	2474.885	2778.198	57644.83	5952.784	3548.746

Sample Name: J4755-13 Acquired: 9/17/2018 12:45:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3022573	.0100090	4.955701	-.020621	.0234819	95.91781	1.461341
Stddev	.0069831	.0016983	.002831	.004904	.0016609	.55758	.005643
%RSD	2.310319	16.96756	.0571235	23.78015	7.073061	.5813128	.3861324

#1	.3060658	.0087273	4.953290	-.014975	.0252761	95.82863	1.460526
#2	.2941980	.0119352	4.954995	-.023812	.0219982	95.41018	1.456150
#3	.3065082	.0093644	4.958818	-.023076	.0231713	96.51460	1.467347

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088766	.1335609	358.0744	.1163179	.0859192	1.493195	207.6868
Stddev	.0000917	.0002894	.4066	.0003822	.0000472	.010961	1.9684
%RSD	1.033652	.2166803	.1135431	.3285748	.0549381	.7340823	.9477623

#1	.0088639	.1332752	357.8732	.1160614	.0859496	1.487998	206.8037
#2	.0087918	.1335538	357.8077	.1167571	.0859431	1.485799	206.3146
#3	.0089740	.1338538	358.5424	.1161350	.0858648	1.505788	209.9421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.711581	72.95300	.1137099	.0254945	1.783627	.3963115	2.115437
Stddev	.001800	.52979	.0000704	.0006512	.323277	.0142771	.019456
%RSD	.0315221	.7262103	.0618734	2.554209	18.12469	3.602505	.9197328

#1	5.711869	72.58175	.1137622	.0247943	2.126097	.3874522	2.093081
#2	5.713220	72.71755	.1137376	.0256074	1.483770	.3887006	2.128538
#3	5.709654	73.55971	.1136299	.0260819	1.741014	.4127815	2.124693

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.02471	12.35514	.2074721	.0106837	4.071228	6.401627	.0192285
Stddev	.13495	.03037	.0038455	.0001371	.023619	.022443	.0017599
%RSD	.4214056	.2458381	1.853490	1.283618	.5801419	.3505873	9.152323

#1	32.07537	12.33414	.2095887	.0106358	4.055535	6.409588	.0211822
#2	31.87176	12.34131	.2030333	.0105770	4.059756	6.376288	.0177676
#3	32.12700	12.38996	.2097942	.0108384	4.098391	6.419004	.0187357

Sample Name: J4755-13 Acquired: 9/17/2018 12:45:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H20 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.078964	.1581814	.8083437
Stddev	.011825	.0029253	.0017390
%RSD	.3840634	1.849358	.2151269

#1	3.077916	.1575436	.8092046
#2	3.067698	.1556276	.8063422
#3	3.091278	.1613730	.8094843

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2472.473	2764.837	58066.14	5966.701	3456.453
Stddev	5.991	2.198	79.43	16.968	3.834
%RSD	.2423279	.0794809	.1367928	.2843793	.1109090

#1	2470.921	2762.332	57982.70	5949.810	3454.373
#2	2467.410	2765.740	58074.88	5983.745	3460.877
#3	2479.088	2766.439	58140.84	5966.547	3454.110

Sample Name: J4755-14 Acquired: 9/17/2018 12:49:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1429011	.0031011	1.931806	-.022400	.0125612	88.84115	1.309682
Stddev	.0042227	.0015350	.002108	.002977	.0018837	.15472	.000790
%RSD	2.954966	49.49700	.1091223	13.28903	14.99633	.1741547	.0603295

#1	.1454492	.0013295	1.932303	-.025632	.0119800	88.67699	1.309337
#2	.1380268	.0040337	1.933621	-.019770	.0110365	88.98428	1.310586
#3	.1452272	.0039401	1.929494	-.021798	.0146670	88.86217	1.309123

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065345	.0560688	262.0796	.1397184	.0971843	1.181212	200.0447
Stddev	.0000865	.0002870	.4914	.0003735	.0002550	.004653	.2745
%RSD	1.322910	.5118422	.1875075	.2673259	.2623547	.3939165	.1372268

#1	.0066208	.0562879	261.5819	.1401402	.0974763	1.186281	200.1420
#2	.0064480	.0561746	262.5645	.1395855	.0970715	1.180221	200.2573
#3	.0065347	.0557439	262.0924	.1394296	.0970053	1.177135	199.7347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.363867	92.08662	.1146376	.0101087	1.721049	.4325803	1.611691
Stddev	.021186	.44097	.0006628	.0004409	.097320	.0115886	.028266
%RSD	.3949779	.4788649	.5781813	4.361172	5.654675	2.678954	1.753826

#1	5.339431	91.96125	.1153789	.0105107	1.652405	.4455246	1.579213
#2	5.375090	91.72191	.1144317	.0096373	1.678318	.4290457	1.625129
#3	5.377081	92.57670	.1141021	.0101781	1.832423	.4231705	1.630732

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.64885	10.40132	.1732839	.0124641	4.639664	18.17260	.0110226
Stddev	.03183	.03148	.0045217	.0004197	.016802	.04847	.0019650
%RSD	.1073676	.3026739	2.609444	3.367534	.3621393	.2667478	17.82735

#1	29.61482	10.43627	.1692342	.0129402	4.641218	18.22553	.0110709
#2	29.67790	10.37519	.1724547	.0121474	4.622139	18.13038	.0129630
#3	29.65384	10.39248	.1781629	.0123048	4.655635	18.16187	.0090339

Sample Name: J4755-14 Acquired: 9/17/2018 12:49:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H21 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.566424	.1325342	.6256193
Stddev	.007218	.0004537	.0025883
%RSD	.2023958	.3423005	.4137205

#1	3.561831	.1321026	.6230075
#2	3.574744	.1330071	.6281835
#3	3.562697	.1324931	.6256668

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2419.929	2712.946	56665.15	5835.816	3495.440
Stddev	14.163	2.798	55.13	9.298	3.563
%RSD	.5852743	.1031283	.0972887	.1593285	.1019372

#1	2436.027	2709.920	56630.29	5832.529	3493.059
#2	2409.386	2713.479	56636.45	5828.607	3493.725
#3	2414.373	2715.439	56728.71	5846.311	3499.537

Sample Name: J4755-15 Acquired: 9/17/2018 12:53:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1736120	.0007737	1.570255	-.028169	.0137794	110.0249	1.297074
Stddev	.0028874	.0014294	.003747	.004416	.0020596	.4819	.003775
%RSD	1.663109	184.7544	.2386372	15.67707	14.94711	.4380161	.2910535

#1	.1718893	.0023829	1.572101	-.023541	.0116450	109.8331	1.293952
#2	.1769454	-.000349	1.565943	-.028628	.0139381	109.6684	1.296001
#3	.1720012	.000287	1.572720	-.032337	.0157550	110.5732	1.301270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084950	.0372409	172.5545	.1654022	.1128154	.8533464	226.8604
Stddev	.0000407	.0000562	.4865	.0007086	.0001993	.0085345	1.6158
%RSD	.4792667	.1509014	.2819591	.4284369	.1766772	1.000121	.7122366

#1	.0085069	.0372951	172.3673	.1655744	.1127141	.8493548	227.3976
#2	.0085285	.0372446	172.1894	.1646233	.1130450	.8475392	225.0445
#3	.0084497	.0371829	173.1069	.1660088	.1126870	.8631453	228.1392

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.894342	75.80320	.1433212	.0082656	2.050904	.4684609	2.112356
Stddev	.022240	.50438	.0002843	.0006414	.239778	.0078236	.015806
%RSD	.3773125	.6653849	.1983907	7.759888	11.69133	1.670070	.7482543

#1	5.893273	75.66891	.1434165	.0084454	1.954501	.4597774	2.107289
#2	5.872656	75.37955	.1430014	.0075534	2.323879	.4706450	2.130074
#3	5.917098	76.36114	.1435456	.0087978	1.874331	.4749604	2.099705

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.54474	9.584008	.1932859	.0083987	3.715621	7.848306	.0139997
Stddev	.14754	.009551	.0011508	.0001551	.026258	.054076	.0008474
%RSD	.3730887	.0996567	.5953735	1.847129	.7066947	.6890149	6.052927

#1	39.37917	9.582384	.1934109	.0084845	3.732966	7.876721	.0130825
#2	39.59279	9.575374	.1943690	.0082196	3.685411	7.785947	.0141631
#3	39.66227	9.594268	.1920777	.0084920	3.728487	7.882252	.0147535

Sample Name: J4755-15 Acquired: 9/17/2018 12:53:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0H25 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.248739	.1626217	.4491572
Stddev	.019210	.0015309	.0007097
%RSD	.3659959	.9413758	.1580083

#1	5.243100	.1641615	.4487058
#2	5.232979	.1626036	.4487906
#3	5.270137	.1610999	.4499752

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2508.724	2822.520	58586.18	6032.176	3522.879
Stddev	11.201	1.510	73.99	31.399	5.871
%RSD	.4464911	.0535142	.1262937	.5205278	.1666604

#1	2497.704	2820.963	58501.80	6010.460	3516.126
#2	2508.370	2822.618	58639.97	6068.178	3525.739
#3	2520.098	2823.979	58616.77	6017.891	3526.772

Sample Name: PB112823BL Acquired: 9/17/2018 12:57:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016783	-.002110	.0006096	.0007267	-.001991	-.004796	.0001030
Stddev	.0005917	.002373	.0004920	.0003394	.000016	.005143	.0003353
%RSD	35.25749	112.4561	80.70348	46.69551	.8212738	107.2288	325.6216

#1	.0017976	-.000648	.0009850	.0008959	-.001978	-.003228	.0001914
#2	.0022014	-.004847	.0007913	.0009484	-.002009	-.000620	.0003852
#3	.0010361	-.000835	.0000526	.0003361	-.001985	-.010541	-.000268

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000220	-.000018	.0045719	-.000054	.0002678	.0012454	.0245936
Stddev	.0000511	.000083	.0109335	.000439	.0000414	.0035606	.0358185
%RSD	232.5526	463.3665	239.1473	813.6925	15.46112	285.9018	145.6418

#1	-.000037	-.000088	.0164792	.000445	.0003155	.0028824	-.007678
#2	.000055	.000073	-.005016	-.000225	.0002422	.0036931	.018326
#3	.000047	-.000038	.002252	-.000382	.0002456	-.002839	.063132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000456	.0382087	.0000106	.0000232	-.246434	-.013430	-.006469
Stddev	.000721	.0680554	.0004177	.0002441	.152080	.005193	.015250
%RSD	158.1164	178.1150	3932.022	1051.464	61.71237	38.67079	235.7550

#1	.000277	.0656855	-.000467	-.000238	-.288822	-.011027	.008018
#2	-.001164	.0882301	.000188	.000245	-.372823	-.009872	-.022383
#3	-.000480	-.039289	.000310	.000063	-.077657	-.019389	-.005042

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.083969	-.002143	-.002683	-.000188	-.002327	.0001314	-.002029
Stddev	.050867	.001139	.001627	.000007	.002438	.0006259	.000453
%RSD	60.57788	53.17110	60.66510	3.509179	104.7719	476.3604	22.30945

#1	-.036988	-.000854	-.003298	-.000195	-.003380	.0006016	-.002156
#2	-.137988	-.003017	-.003913	-.000183	.000461	.0003716	-.002404
#3	-.076931	-.002557	-.000837	-.000185	-.004063	-.000579	-.001526

Sample Name: PB112823BL Acquired: 9/17/2018 12:57:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000467	-.001370	-.000073
Stddev	.001888	.000593	.000025
%RSD	404.5228	43.31914	33.81908

#1	-.001788	-.001878	-.000050
#2	.001695	-.001514	-.000070
#3	-.001307	-.000718	-.000099

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.032	2537.191	50882.77	5140.887	3787.877
Stddev	8.234	1.959	311.53	9.550	.806
%RSD	.3692159	.0772277	.6122522	.1857645	.0212794

#1	2220.681	2539.410	50524.46	5131.660	3787.125
#2	2233.225	2536.467	51034.32	5150.730	3787.778
#3	2236.191	2535.697	51089.53	5140.270	3788.728

Sample Name: J4886-01 Acquired: 9/17/2018 13:06:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH2TS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0763862	.0029238	.0729039	-.019768	.0063631	76.98403	.8364038
Stddev	.0011066	.0025141	.0012797	.002070	.0010754	.11921	.0013995
%RSD	1.448636	85.98518	1.755285	10.47246	16.90030	.1548456	.1673250

#1	.0753791	.0028062	.0737261	-.017687	.0075685	77.11598	.8367663
#2	.0775707	.0054947	.0714295	-.021828	.0055022	76.95198	.8375863
#3	.0762087	.0004706	.0735561	-.019789	.0060185	76.88412	.8348587

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074303	-.000508	11.06091	.0845784	.0857527	.1709354	188.8276
Stddev	.0001119	.000104	.03460	.0007504	.0003198	.0034506	.2385
%RSD	1.505865	20.53835	.3128548	.8871786	.3728810	2.018630	.1262902

#1	.0073159	-.000521	11.10027	.0852319	.0853843	.1745708	189.0185
#2	.0075395	-.000398	11.03529	.0837590	.0859585	.1705298	188.5603
#3	.0074354	-.000605	11.04715	.0847444	.0859153	.1677055	188.9041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.026920	45.13189	.1356641	-.000935	.7146030	.1039646	.2131134
Stddev	.009337	.23386	.0004005	.000474	.0715818	.0050379	.0165678
%RSD	.3084573	.5181599	.2951975	50.74466	10.01700	4.845743	7.774156

#1	3.031148	45.26224	.1355861	-.000577	.7738697	.1086425	.2279741
#2	3.016217	45.27152	.1353084	-.001473	.7348651	.1046201	.2161166
#3	3.033394	44.86191	.1360978	-.000755	.6350743	.0986310	.1952494

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.893899	2.888368	.1277295	.0014935	.1184244	2.366950	-.001053
Stddev	.045837	.012550	.0032800	.0003929	.0073653	.013141	.000249
%RSD	.6648958	.4344928	2.567930	26.30657	6.219421	.5551671	23.65050

#1	6.850593	2.880495	.1294945	.0019364	.1191503	2.352384	-.001261
#2	6.889198	2.881769	.1297491	.0011868	.1253998	2.370552	-.000777
#3	6.941905	2.902841	.1239449	.0013574	.1107230	2.377914	-.001122

Sample Name: J4886-01 Acquired: 9/17/2018 13:06:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH2TS2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.079211	.1256986	.0553311
Stddev	.005284	.0018112	.0002160
%RSD	.4896418	1.440890	.3904394

#1	1.085312	.1276523	.0553135
#2	1.076275	.1253681	.0551244
#3	1.076047	.1240755	.0555554

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2402.266	2723.064	55376.20	5622.137	3715.252
Stddev	16.337	6.752	235.13	7.081	1.483
%RSD	.6800465	.2479613	.4246063	.1259444	.0399285

#1	2384.437	2724.529	55152.54	5614.437	3716.046
#2	2405.844	2728.964	55621.33	5623.608	3716.170
#3	2416.517	2715.700	55354.73	5628.368	3713.541

Sample Name: J4886-02 Acquired: 9/17/2018 13:10:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH2TS2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0809984	.0046545	.0734063	-.017882	.0054700	76.75461	.8337129
Stddev	.0022821	.0008556	.0020955	.001575	.0019025	.19351	.0013862
%RSD	2.817465	18.38132	2.854627	8.805836	34.78030	.2521142	.1662736

#1	.0803672	.0037681	.0727938	-.019697	.0042713	76.93132	.8321342
#2	.0835297	.0054754	.0716854	-.017070	.0044750	76.54782	.8342731
#3	.0790984	.0047200	.0757398	-.016880	.0076636	76.78469	.8347313

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074755	-.000423	10.99678	.0851017	.0858013	.1699048	188.0718
Stddev	.0000630	.000120	.08007	.0005351	.0007133	.0014486	1.2095
%RSD	.8430433	28.39087	.7280816	.6287305	.8313904	.8526170	.6431013

#1	.0075411	-.000365	10.91958	.0853619	.0850273	.1683332	189.2245
#2	.0074701	-.000342	11.07943	.0854569	.0864324	.1711868	186.8126
#3	.0074154	-.000560	10.99133	.0844863	.0859443	.1701943	188.1782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.028689	45.10303	.1353959	-.000959	.4686117	.1007202	.2037939
Stddev	.013533	.38417	.0002106	.000044	.2107322	.0056562	.0104483
%RSD	.4468153	.8517563	.1555206	4.627632	44.96948	5.615735	5.126902

#1	3.022799	45.38333	.1351562	-.000951	.5689168	.1054084	.1917509
#2	3.019101	44.66512	.1355510	-.001008	.2264637	.0944381	.2091896
#3	3.044169	45.26062	.1354806	-.000920	.6104545	.1023141	.2104413

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.800822	2.884995	.1232397	.0013225	.1190448	2.381185	.0003023
Stddev	.030374	.015162	.0043692	.0001013	.0037489	.013829	.0007741
%RSD	.4466156	.5255604	3.545319	7.661151	3.149137	.5807428	256.0895

#1	6.798107	2.875515	.1248752	.0013101	.1149770	2.394658	-.000515
#2	6.832462	2.902483	.1182886	.0014295	.1197965	2.381869	.001024
#3	6.771897	2.876988	.1265552	.0012280	.1223609	2.367027	.000398

Sample Name: J4886-02 Acquired: 9/17/2018 13:10:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH2TS2D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.075315	.1245656	.0552295
Stddev	.003573	.0008216	.0001144
%RSD	.3322491	.6595607	.2070562

#1	1.079388	.1254414	.0551686
#2	1.072711	.1238118	.0551585
#3	1.073845	.1244438	.0553614

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2435.730	2731.632	55771.01	5638.840	3730.624
Stddev	9.626	2.865	106.83	21.114	3.268
%RSD	.3952137	.1048810	.1915536	.3744442	.0875949

#1	2445.037	2730.606	55869.37	5614.787	3727.962
#2	2436.340	2729.421	55786.29	5647.418	3729.639
#3	2425.813	2734.869	55657.35	5654.316	3734.271

Sample Name: J4886-01LX5 Acquired: 9/17/2018 13:18:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH2TS2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199267	.0014307	.0137444	-.003899	.0002854	16.03539	.1740122
Stddev	.0008648	.0004053	.0008381	.002032	.0012254	.07979	.0004563
%RSD	4.339800	28.32890	6.097370	52.10037	429.3541	.4975676	.2622137

#1	.0208625	.0011921	.0143526	-.001668	.0016931	15.94541	.1736049
#2	.0197608	.0018987	.0140922	-.004386	-.000542	16.06326	.1739265
#3	.0191569	.0012013	.0127885	-.005643	-.000295	16.09752	.1745053

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016688	-.000219	2.334891	.0176937	.0169578	.0342843	39.77316
Stddev	.0001103	.000023	.033761	.0007927	.0002383	.0026781	.24563
%RSD	6.611280	10.29574	1.445941	4.480307	1.405111	7.811336	.6175817

#1	.0017796	-.000234	2.372951	.0170473	.0172033	.0311948	39.53745
#2	.0016679	-.000229	2.308552	.0185782	.0167275	.0357142	40.02764
#3	.0015590	-.000193	2.323172	.0174557	.0169426	.0359438	39.75441

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6387494	9.476402	.0266607	-.000214	-.138361	.0137427	.0522739
Stddev	.0048156	.100967	.0001284	.000428	.342234	.0019267	.0082565
%RSD	.7539069	1.065455	.4817395	200.1002	247.3490	14.01990	15.79476

#1	.6350963	9.364914	.0266473	-.000516	-.198048	.0128572	.0617094
#2	.6442065	9.561678	.0265395	.000276	-.446826	.0124179	.0487395
#3	.6369455	9.502612	.0267953	-.000401	.229791	.0159530	.0463730

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.326713	.5722160	.0266214	.0004118	.0195467	.5261560	-.001281
Stddev	.020714	.0039806	.0010463	.0004039	.0028827	.0034957	.000415
%RSD	1.561284	.6956409	3.930239	98.09284	14.74783	.6643801	32.40641

#1	1.318254	.5685447	.0258601	.0008386	.0184246	.5240318	-.001471
#2	1.350318	.5764467	.0278145	.0003613	.0173939	.5242455	-.001568
#3	1.311567	.5716566	.0261897	.0000355	.0228218	.5301905	-.000805

Sample Name: J4886-01LX5 Acquired: 9/17/2018 13:18:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH2TS2L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2251779	.0264386	.0115409
Stddev	.0017787	.0010355	.0000778
%RSD	.7899252	3.916670	.6742121

#1	.2271747	.0253252	.0115660
#2	.2245963	.0273728	.0116030
#3	.2237628	.0266179	.0114536

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2282.151	2591.646	52135.96	5306.567	3815.952
Stddev	17.604	3.448	405.35	18.339	1.787
%RSD	.7713860	.1330324	.7774925	.3455895	.0468369

#1	2270.571	2595.574	51901.35	5304.060	3814.424
#2	2273.473	2590.244	51902.51	5326.030	3817.918
#3	2302.410	2589.120	52604.02	5289.610	3815.515

Sample Name: PB112721BL Acquired: 9/17/2018 13:22:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000723	-.001251	-.000947	.0033075	-.000369	.0085404	-.000926
Stddev	.002724	.001741	.001034	.0005468	.000869	.0125756	.000886
%RSD	376.9708	139.2065	109.1120	16.53086	235.3509	147.2473	95.73440

#1	-.001736	.000206	-.001973	.0039372	.000122	-.004937	-.000007
#2	.002363	-.003180	.000094	.0029537	-.001373	.019960	-.000994
#3	-.002794	-.000779	-.000963	.0030315	.000143	.010599	-.001776

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000728	-.000058	-.002522	-.000091	.0000737	.0013641	-.032663
Stddev	.0000397	.000007	.006004	.000436	.0002907	.0025758	.012327
%RSD	54.50718	11.79463	238.0750	481.3121	394.5144	188.8289	37.73941

#1	.0000281	-.000051	-.009448	.000096	-.000122	.0036239	-.039081
#2	.0001040	-.000059	.000674	-.000588	-.000064	-.001441	-.040457
#3	.0000862	-.000064	.001208	.000221	.000408	.001909	-.018452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001356	.1005155	-.000250	-.000276	.0258564	-.004650	.0049985
Stddev	.000527	.0314028	.000468	.000219	.2145783	.013101	.0078744
%RSD	38.87158	31.24179	187.3362	79.21784	829.8839	281.7760	157.5364

#1	-.001773	.1181769	-.000645	-.000529	.0418236	.003338	-.003066
#2	-.000764	.1191110	.000267	-.000155	-.196259	.002482	.012668
#3	-.001531	.0642587	-.000370	-.000145	.232005	-.019769	.005394

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.109874	-.003564	-.004012	-.000283	-.002192	-.000156	-.002841
Stddev	.063031	.000284	.000778	.000325	.002471	.000829	.000560
%RSD	57.36666	7.964650	19.38795	114.8921	112.7602	531.4556	19.70651

#1	-.055903	-.003854	-.003249	-.000005	-.003478	-.000970	-.002478
#2	-.179147	-.003551	-.004803	-.000204	-.003755	.000688	-.003486
#3	-.094573	-.003287	-.003983	-.000641	.000657	-.000186	-.002560

Sample Name: PB112721BL Acquired: 9/17/2018 13:22:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001852	-.001554	-.000055
Stddev	.000014	.000570	.000065
%RSD	.7692792	36.68804	117.7017

#1	-.001836	-.001531	-.000069
#2	-.001863	-.002135	.000016
#3	-.001857	-.000996	-.000111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2239.314	2535.861	50956.22	5129.633	3799.230
Stddev	20.629	2.335	200.04	20.031	7.197
%RSD	.9212177	.0920726	.3925785	.3904915	.1894255

#1	2236.347	2534.493	51029.35	5141.940	3792.213
#2	2261.266	2538.557	51109.40	5140.440	3806.593
#3	2220.330	2534.533	50729.90	5106.520	3798.884

Sample Name: PB112721BS Acquired: 9/17/2018 13:26:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227369	.0501358	.0186122	.0731449	.1236657	.3979405
Stddev	.0043900	.0025630	.0006394	.0016533	.0009432	.0009432
%RSD	19.30786	5.112179	3.435440	2.260312	.7626708	.2370275

#1	.0274618	.0516981	.0193409	.0747491	.1247312	.3985734
#2	.0219649	.0471778	.0183506	.0714465	.1233283	.3968564
#3	.0187842	.0515314	.0181450	.0732390	.1229376	.3983918

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4090142	.0107846	.0102893	10.28362	.0219121	.0978778
Stddev	.0005976	.0001007	.0000361	.06539	.0000969	.0002343
%RSD	.1461121	.9338614	.3507310	.6358772	.4423964	.2393644

#1	.4087083	.0107834	.0102662	10.21494	.0218809	.0979872
#2	.4097028	.0108860	.0103309	10.29080	.0220208	.0980374
#3	.4086314	.0106845	.0102708	10.34513	.0218346	.0976088

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0551450	.2274771	.0316629	10.04339	.0808489	.0198892
Stddev	.0048093	.0159893	.0005507	.03567	.0005793	.0003280
%RSD	8.721209	7.028963	1.739385	.3551763	.7165065	1.649215

#1	.0505516	.2457886	.0322974	10.01880	.0814605	.0197187
#2	.0547390	.2162784	.0313086	10.08431	.0807775	.0202674
#3	.0601445	.2203644	.0313827	10.02707	.0803086	.0196816

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.826083	.1013428	.1309132	9.425949	F .1849411	F .0163553
Stddev	.114958	.0042543	.0054520	.037226	.0005557	.0003018
%RSD	1.169924	4.197907	4.164580	.3949350	.3004778	1.845178

#1	9.937360	.1015958	.1361798	9.382998	.1855094	.0165807
#2	9.707768	.0969676	.1252931	9.445947	.1843989	.0164727
#3	9.833121	.1054649	.1312666	9.448903	.1849151	.0160125

Sample Name: PB112721BS Acquired: 9/17/2018 13:26:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199308	.1777741	.1943264	F .0114812	.1017016	.0951318
Stddev	.0001858	.0042016	.0018271	.0001900	.0019422	.0011650
%RSD	.9322777	2.363451	.9402071	1.655256	1.909682	1.224666

#1	.0200217	.1786673	.1925572	.0116999	.0999366	.0950462
#2	.0200537	.1814574	.1962063	.0113876	.1013858	.0963372
#3	.0197171	.1731978	.1942157	.0113561	.1037823	.0940119

Elem	Sr4077
Units	ppm
Avg	.2050009
Stddev	.0008168
%RSD	.3984211

#1	.2040645
#2	.2053719
#3	.2055664

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2229.150	2529.814	51141.99	5169.780	3820.123
Stddev	9.728	5.596	138.52	14.061	4.889
%RSD	.4363898	.2211942	.2708507	.2719787	.1279808

#1	2220.173	2523.550	51164.36	5167.150	3814.597
#2	2239.485	2531.575	51267.96	5157.220	3823.886
#3	2227.792	2534.317	50993.64	5184.970	3821.886

Sample Name: J4753-01 Acquired: 9/17/2018 13:30:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GX3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1311815	.0058318	1.388500	-.023239	.0128997	83.90760	1.226224
Stddev	.0015254	.0011653	.004536	.000911	.0033021	.12018	.002965
%RSD	1.162830	19.98240	.3266885	3.919204	25.59854	.1432230	.2418401

#1	.1294456	.0047640	1.384000	-.022435	.0091091	83.93878	1.224345
#2	.1323083	.0056566	1.388430	-.024228	.0151522	84.00910	1.229642
#3	.1317905	.0070748	1.393071	-.023054	.0144378	83.77490	1.224684

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065526	.0367450	321.2248	.1677259	.0857804	.8959346	195.2527
Stddev	.0000246	.0000598	.6633	.0005290	.0002264	.0059206	.3201
%RSD	.3756652	.1626609	.2065010	.3154060	.2639658	.6608295	.1639457

#1	.0065497	.0367015	320.5067	.1679126	.0860058	.8995476	194.9094
#2	.0065295	.0368132	321.8147	.1681362	.0855529	.8891018	195.5430
#3	.0065785	.0367204	321.3529	.1671288	.0857826	.8991543	195.3056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.238808	66.82183	.1231857	.0052142	1.933215	.4247428	2.454371
Stddev	.021170	.23698	.0006636	.0001182	.118993	.0037451	.008663
%RSD	.4040944	.3546519	.5387013	2.267550	6.155212	.8817410	.3529447

#1	5.214370	67.05994	.1231900	.0052101	1.871890	.4280843	2.458348
#2	5.251524	66.58599	.1238472	.0050982	1.857393	.4206947	2.460332
#3	5.250529	66.81956	.1225200	.0053345	2.070361	.4254495	2.444435

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.53973	13.30762	.1776421	.0114955	7.219466	10.43932	.0110634
Stddev	.04672	.06563	.0022438	.0002328	.024826	.02973	.0007379
%RSD	.1278572	.4932078	1.263091	2.025314	.3438746	.2847645	6.670003

#1	36.48671	13.23412	.1751494	.0113170	7.192491	10.43859	.0106575
#2	36.55762	13.32838	.1795004	.0114107	7.241355	10.40996	.0119151
#3	36.57486	13.36037	.1782763	.0117588	7.224553	10.46940	.0106175

Sample Name: J4753-01 Acquired: 9/17/2018 13:30:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GX3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.004344	.1303261	.4968968
Stddev	.009634	.0008102	.0003521
%RSD	.2405812	.6216738	.0708625

#1	3.997738	.1309827	.4972595
#2	4.015398	.1305749	.4965563
#3	3.999896	.1294207	.4968745

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2432.051	2711.984	57127.38	5887.807	3496.840
Stddev	17.925	4.077	212.59	21.552	2.826
%RSD	.7370485	.1503461	.3721373	.3660516	.0808093

#1	2451.724	2711.309	57359.21	5907.503	3494.091
#2	2416.642	2716.356	56941.55	5891.132	3499.737
#3	2427.788	2708.286	57081.39	5864.785	3496.692

Sample Name: PB112823BS Acquired: 9/17/2018 13:34:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193186	.0492051	.0182859	.0723507	.1226543	.3875347
Stddev	.0038634	.0031281	.0008027	.0003620	.0020364	.0128299
%RSD	19.99847	6.357206	4.389728	.5003121	1.660274	3.310656

#1	.0194405	.0459039	.0189227	.0727114	.1210832	.3808517
#2	.0231196	.0495862	.0185508	.0723533	.1219247	.3794259
#3	.0153957	.0521251	.0173842	.0719874	.1249550	.4023266

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4093565	.0109214	.0103418	10.28792	.0220317	.0983948
Stddev	.0018008	.0000319	.0001242	.03214	.0005581	.0003223
%RSD	.4399086	.2918977	1.201095	.3123936	2.533157	.3275783

#1	.4086639	.0109010	.0104398	10.30664	.0224364	.0984501
#2	.4080048	.0109050	.0102021	10.25081	.0222637	.0980484
#3	.4114008	.0109581	.0103835	10.30630	.0213950	.0986859

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511812	.2341817	.0310533	9.926461	.0807109	.0197912
Stddev	.0016202	.0148331	.0014322	.065688	.0005653	.0007827
%RSD	3.165608	6.334020	4.611904	.6617511	.7003409	3.954631

#1	.0527948	.2172534	.0308335	9.874942	.0811882	.0199521
#2	.0511944	.2449035	.0325827	9.904008	.0800867	.0204810
#3	.0495545	.2403882	.0297438	10.00043	.0808577	.0189406

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.481102	.0996140	.1133878	9.462618	F .1867008	F .0162442
Stddev	.032698	.0067111	.0095276	.097196	.0013188	.0009497
%RSD	.3448777	6.737094	8.402649	1.027153	.7063735	5.846186

#1	9.489938	.0952838	.1073806	9.392263	.1880839	.0152502
#2	9.508474	.1073447	.1243732	9.422069	.1865611	.0163401
#3	9.444893	.0962135	.1084096	9.573523	.1854574	.0171422

Sample Name: PB112823BS Acquired: 9/17/2018 13:34:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197222	.1821355	.1944864	F .0116423	.1040867	.0942203
Stddev	.0003375	.0040044	.0019865	.0017570	.0021666	.0008166
%RSD	1.711083	2.198560	1.021431	15.09149	2.081502	.8666710

#1	.0196873	.1789254	.1947067	.0126651	.1028967	.0944342
#2	.0194035	.1808585	.1923989	.0096136	.1065875	.0933180
#3	.0200758	.1866226	.1963536	.0126484	.1027759	.0949085

Elem	Sr4077
Units	ppm
Avg	.2049079
Stddev	.0000058
%RSD	.0028496

#1	.2049014
#2	.2049126
#3	.2049097

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.014	2532.137	51144.31	5178.302	3817.929
Stddev	5.707	2.828	140.93	14.464	8.401
%RSD	.2559004	.1116733	.2755481	.2793242	.2200353

#1	2224.766	2528.950	50988.04	5188.106	3808.249
#2	2229.187	2534.347	51261.77	5185.110	3823.319
#3	2236.089	2533.112	51183.12	5161.690	3822.218

Sample Name: CCV023 Acquired: 9/17/2018 13:38:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.127401	5.160702	26.06440	5.005034	5.194398	422.2232
Stddev	.025313	.015811	.01610	.012650	.015927	.4866
%RSD	.4936895	.3063815	.0617639	.2527518	.3066234	.1152573

#1	5.098248	5.142449	26.04679	5.012571	5.187592	422.1005
#2	5.143809	5.169451	26.07836	5.012102	5.183005	421.8096
#3	5.140146	5.170204	26.06805	4.990429	5.212598	422.7594

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.68354	.5280517	2.596977	419.6894	15.80265	2.642687
Stddev	.01283	.0018609	.002877	.3969	.01143	.002693
%RSD	.1200778	.3524118	.1107857	.0945591	.0723164	.1019174

#1	10.68795	.5262818	2.593658	419.4627	15.81565	2.639663
#2	10.66909	.5299919	2.598523	419.4578	15.79417	2.643571
#3	10.69358	.5278813	2.598752	420.1476	15.79814	2.644827

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.04145	427.3110	15.64139	423.3521	2.610731	1.321388
Stddev	.03265	.4470	.03726	.7629	.003180	.002972
%RSD	.2035365	.1046125	.2382425	.1802118	.1217978	.2249014

#1	16.01309	427.5575	15.62027	423.9179	2.607552	1.322584
#2	16.03413	427.5806	15.68441	422.4844	2.613911	1.323576
#3	16.07714	426.7950	15.61948	423.6541	2.610731	1.318005

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	420.6225	2.686305	15.79698	163.5682	F 5.727300	5.423025
Stddev	.1952	.022206	.08775	.3389	.020973	.017223
%RSD	.0464118	.8266383	.5555072	.2071806	.3661859	.3175923

#1	420.5874	2.709272	15.89771	163.2919	5.704856	5.407925
#2	420.8328	2.684697	15.73708	163.4662	5.746399	5.441783
#3	420.4471	2.664947	15.75615	163.9463	5.730646	5.419366

Sample Name: CCV023 Acquired: 9/17/2018 13:38:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV023 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.122621	5.395882	5.245979	5.277731	5.318865	5.393192
Stddev	.013002	.034707	.018591	.008062	.005337	.014441
%RSD	.2538227	.6432083	.3543903	.1527543	.1003469	.2677680

#1	5.108311	5.363130	5.231927	5.286501	5.318180	5.393244
#2	5.125840	5.432259	5.267060	5.276049	5.313903	5.378726
#3	5.133711	5.392257	5.238951	5.270642	5.324512	5.407608

Elem	Sr4077
Units	ppm
Avg	5.316405
Stddev	.005530
%RSD	.1040134

#1	5.322512
#2	5.311736
#3	5.314967

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.562	2150.601	48335.18	4939.431	3007.350
Stddev	5.803	4.892	237.53	6.930	3.080
%RSD	.2927052	.2274674	.4914212	.1402985	.1024276

#1	1976.355	2154.214	48120.20	4934.915	3009.654
#2	1987.852	2152.556	48590.18	4935.968	3008.546
#3	1983.478	2145.034	48295.17	4947.410	3003.851

Sample Name: CCB023 Acquired: 9/17/2018 13:42:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002206	-.002640	-.000624	-.000005	-.001521	.0016309	.0002625
Stddev	.000707	.000829	.000636	.000646	.000373	.0033712	.0001204
%RSD	32.03177	31.40245	101.9257	12505.58	24.51222	206.7031	45.87387

#1	-.001572	-.003499	-.000148	.000009	-.001107	-.000773	.0004011
#2	-.002968	-.002578	-.001345	.000633	-.001829	.005484	.0002030
#3	-.002078	-.001844	-.000378	-.000658	-.001627	.000182	.0001835

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000165	-.000031	.0178823	.0005091	.0000738	-.000487	.0136068
Stddev	.0000487	.000042	.0195977	.0000878	.0003484	.003312	.0241123
%RSD	294.8170	138.3161	109.5926	17.25610	472.0120	680.0283	177.2073

#1	-.000009	-.000053	.0286936	.0004303	-.000286	.003325	.0337443
#2	.000073	.000018	.0296931	.0006038	.000410	-.002658	.0201893
#3	-.000014	-.000057	-.004740	.0004932	.000097	-.002129	-.013113

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001666	.0454400	.0002460	-.000295	-.289301	-.005246	.0048158
Stddev	.000575	.0502925	.0002126	.000297	.043950	.000396	.0064456
%RSD	34.51844	110.6787	86.42869	100.6711	15.19185	7.546664	133.8412

#1	-.001851	.1029713	.0001229	-.000101	-.315273	-.004930	.0100991
#2	-.001021	.0098227	.0001235	-.000147	-.314073	-.005118	.0067141
#3	-.002126	.0235261	.0004914	-.000638	-.238556	-.005691	-.002366

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.058304	-.003310	.0096593	.0001426	-.003751	-.000506	-.000612
Stddev	.037601	.000436	.0013059	.0002132	.001971	.000649	.000677
%RSD	64.49148	13.18352	13.51999	149.4811	52.54733	128.1975	110.6105

#1	-.030279	-.003042	.0106096	.0003872	-.003468	-.000686	-.000594
#2	-.101036	-.003813	.0101981	-.000003	-.005849	.000214	.000056
#3	-.043597	-.003074	.0081701	.000044	-.001937	-.001046	-.001298

Sample Name: CCB023 Acquired: 9/17/2018 13:42:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB023 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001621	.0037294	-.000048
Stddev	.003511	.0008011	.000089
%RSD	216.5510	21.48089	185.2228

#1	.002420	.0029607	.000046
#2	-.003924	.0036680	-.000130
#3	-.003360	.0045594	-.000060

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2228.982	2529.267	50737.69	5128.100	3786.187
Stddev	8.549	3.337	52.41	16.086	5.848
%RSD	.3835556	.1319384	.1032998	.3136854	.1544674

#1	2236.397	2528.170	50798.20	5144.520	3779.486
#2	2219.630	2526.617	50708.29	5127.410	3788.811
#3	2230.919	2533.015	50706.57	5112.370	3790.264

Sample Name: J4753-02 Acquired: 9/17/2018 13:46:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GX4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1572558	.0002311	2.466759	-.024672	.0203088	100.7327	1.509259
Stddev	.0029696	.0019060	.006938	.000427	.0002240	.0409	.001065
%RSD	1.888364	824.8111	.2812495	1.730902	1.102746	.0405977	.0705760

#1	.1555225	.0015725	2.474597	-.024520	.0200516	100.7631	1.509193
#2	.1606847	.0010715	2.464274	-.024342	.0204608	100.7487	1.510355
#3	.1555603	-.001951	2.461406	-.025154	.0204139	100.6862	1.508228

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067413	.0583659	393.6679	.2427750	.1000681	.9118453	225.8692
Stddev	.0000198	.0000636	.5059	.0006274	.0000701	.0017608	.7084
%RSD	.2939788	.1088801	.1285117	.2584147	.0700235	.1931027	.3136433

#1	.0067213	.0584198	393.5475	.2433383	.1000227	.9126544	225.0717
#2	.0067416	.0583820	393.2330	.2428878	.1001488	.9098253	226.1106
#3	.0067609	.0582958	394.2231	.2420989	.1000328	.9130561	226.4254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.265026	104.2583	.1384054	.0119625	3.299861	.5485263	2.258653
Stddev	.027605	.1499	.0003933	.0004047	.109364	.0005838	.030826
%RSD	.5243049	.1437569	.2841592	3.382971	3.314198	.1064227	1.364813

#1	5.237668	104.2331	.1388055	.0116055	3.357228	.5485625	2.244047
#2	5.264538	104.4192	.1383915	.0124022	3.368605	.5479252	2.237845
#3	5.292871	104.1227	.1380192	.0118799	3.173749	.5490910	2.294068

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.33321	11.26094	.1965632	.0118196	7.067507	8.418503	.0175767
Stddev	.10894	.01889	.0036067	.0001030	.016981	.014865	.0003989
%RSD	.3083357	.1677665	1.834868	.8710240	.2402639	.1765803	2.269452

#1	35.45184	11.24463	.1932005	.0117140	7.073464	8.416097	.0171332
#2	35.23765	11.28164	.1961168	.0119197	7.080707	8.434424	.0176907
#3	35.31014	11.25655	.2003723	.0118253	7.048350	8.404987	.0179062

Sample Name: J4753-02 Acquired: 9/17/2018 13:46:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GX4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.751490	.1622022	.7415499
Stddev	.015218	.0016845	.0020340
%RSD	.3202802	1.038500	.2742897

#1	4.747404	.1629533	.7402670
#2	4.738732	.1602728	.7404876
#3	4.768334	.1633805	.7438951

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2367.660	2645.959	55803.83	5780.047	3379.105
Stddev	15.578	.529	109.65	33.808	1.850
%RSD	.6579607	.0199788	.1964889	.5849098	.0547628

#1	2356.448	2645.495	55810.67	5741.021	3377.396
#2	2385.448	2645.847	55909.89	5800.390	3378.849
#3	2361.083	2646.535	55690.92	5798.730	3381.070

Sample Name: J4753-03 Acquired: 9/17/2018 13:50:27 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GX5 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1109841	.0008134	1.232252	-.025310	.0091166	93.34741	1.201685
Stddev	.0028044	.0022186	.006925	.002583	.0011034	.19510	.002791
%RSD	2.526830	272.7500	.5619646	10.20411	12.10366	.2090069	.2322739

#1	.1096940	.0004011	1.225912	-.022465	.0100908	93.20150	1.198554
#2	.1142013	.0032092	1.231202	-.027506	.0079183	93.56902	1.203912
#3	.1090569	-.001170	1.239642	-.025959	.0093406	93.27170	1.202590

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072059	.0259607	199.6535	.1932573	.0964150	.7738904	200.8170
Stddev	.0000834	.0001869	.3479	.0007440	.0005671	.0081438	.6829
%RSD	1.157630	.7197944	.1742587	.3849800	.5881701	1.052316	.3400785

#1	.0072643	.0257681	199.3529	.1924210	.0958654	.7753202	200.9470
#2	.0072431	.0259726	200.0346	.1935051	.0963814	.7812246	201.4256
#3	.0071104	.0261413	199.5730	.1938458	.0969981	.7651264	200.0785

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.901663	72.96836	.1350054	.0048853	2.467594	.4289708	1.937127
Stddev	.013476	.28616	.0005671	.0000470	.209507	.0019283	.023519
%RSD	.2283345	.3921767	.4200337	.9626300	8.490325	.4495066	1.214127

#1	5.887087	72.67282	.1349916	.0049131	2.501303	.4311848	1.944967
#2	5.913667	73.24413	.1344453	.0048310	2.243277	.4276590	1.910689
#3	5.904234	72.98812	.1355792	.0049118	2.658203	.4280687	1.955725

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.85280	11.62239	.1741650	.0171773	6.128060	7.530870	.0094516
Stddev	.11330	.06818	.0021187	.0003542	.043740	.055646	.0026769
%RSD	.3160018	.5866071	1.216489	2.062107	.7137642	.7389062	28.32163

#1	35.75006	11.61982	.1752142	.0175618	6.133607	7.542339	.0086370
#2	35.83403	11.55554	.1755543	.0168642	6.081812	7.579888	.0072767
#3	35.97431	11.69182	.1717264	.0171060	6.168762	7.470383	.0124411

Sample Name: J4753-03 Acquired: 9/17/2018 13:50:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GX5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.230534	.1461799	.5375455
Stddev	.007020	.0008711	.0004706
%RSD	.1659457	.5958828	.0875453

#1	4.230822	.1465625	.5376847
#2	4.237407	.1451830	.5379308
#3	4.223375	.1467942	.5370210

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2488.133	2795.187	58301.33	6006.679	3559.493
Stddev	15.552	3.046	262.58	23.204	5.286
%RSD	.6250313	.1089583	.4503765	.3862961	.1484948

#1	2497.851	2791.962	58452.93	5996.562	3555.809
#2	2496.352	2798.015	58452.92	5990.252	3565.549
#3	2470.197	2795.583	57998.13	6033.223	3557.122

Sample Name: J4753-04 Acquired: 9/17/2018 13:54:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GX6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1081048	.0041839	1.289574	-.025153	.0107368	75.37532	1.151729
Stddev	.0009206	.0019051	.001521	.000654	.0009867	.04582	.000614
%RSD	.8515857	45.53419	.1179208	2.601730	9.190118	.0607941	.0533298

#1	.1070886	.0062007	1.289249	-.025733	.0118616	75.34210	1.151358
#2	.1083424	.0024148	1.288243	-.025282	.0103320	75.35627	1.152438
#3	.1088833	.0039361	1.291231	-.024444	.0100169	75.42760	1.151391

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061632	.0255924	233.3929	.1335952	.0801709	.7019443	179.0379
Stddev	.0000345	.0001620	.4079	.0005173	.0002054	.0009285	.5867
%RSD	.5590585	.6330459	.1747719	.3872062	.2562114	.1322713	.3277072

#1	.0061354	.0254302	232.9219	.1330657	.0803013	.7026652	179.7080
#2	.0061525	.0255928	233.6322	.1336206	.0802773	.7008966	178.6163
#3	.0062017	.0257542	233.6247	.1340993	.0799341	.7022709	178.7895

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.893699	65.79353	.1117360	.0039771	2.066591	.4087390	1.652402
Stddev	.014938	.12300	.0003399	.0002124	.217316	.0052485	.036941
%RSD	.3052563	.1869440	.3042222	5.341440	10.51565	1.284078	2.235577

#1	4.876453	65.89997	.1113502	.0037547	1.841358	.4033837	1.637165
#2	4.902009	65.82176	.1119916	.0039988	2.275012	.4089596	1.694524
#3	4.902634	65.65888	.1118662	.0041779	2.083403	.4138738	1.625516

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.22778	10.52952	.1531951	.0099857	5.016237	12.39336	.0067573
Stddev	.07438	.03026	.0019839	.0002602	.009138	.02137	.0020212
%RSD	.2381806	.2873735	1.294991	2.606024	.1821774	.1724541	29.91133

#1	31.14195	10.50287	.1533416	.0100326	5.006790	12.37607	.0049981
#2	31.27338	10.52327	.1551016	.0097052	5.016889	12.38674	.0089651
#3	31.26801	10.56241	.1511420	.0102193	5.025031	12.41726	.0063088

Sample Name: J4753-04 Acquired: 9/17/2018 13:54:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GX6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.290868	.1154641	.4932946
Stddev	.015052	.0004578	.0008123
%RSD	.4573886	.3965111	.1646705

#1	3.294036	.1152098	.4934069
#2	3.274484	.1151899	.4924319
#3	3.304084	.1159927	.4940448

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2429.862	2717.980	56445.23	5830.441	3542.566
Stddev	20.850	3.049	182.01	21.221	7.853
%RSD	.8580884	.1121740	.3224584	.3639699	.2216635

#1	2418.444	2720.729	56355.22	5829.962	3549.520
#2	2417.215	2718.512	56325.75	5809.463	3544.129
#3	2453.928	2714.701	56654.71	5851.897	3534.050

Sample Name: J4753-05 Acquired: 9/17/2018 13:58:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GX7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1587957	.0069579	1.853285	-.024485	.0158371	94.61154	1.416703
Stddev	.0055791	.0025533	.005535	.000209	.0009587	.13090	.000901
%RSD	3.513387	36.69587	.2986801	.8536852	6.053459	.1383550	.0636089

#1	.1576105	.0052105	1.854980	-.024633	.0160267	94.46253	1.416684
#2	.1648721	.0057751	1.847100	-.024246	.0147978	94.70797	1.415812
#3	.1539044	.0098880	1.857775	-.024577	.0166869	94.66414	1.417614

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073207	.0384693	289.6700	.2292334	.0950553	.8152658	208.6491
Stddev	.0000530	.0001221	.6455	.0014272	.0007491	.0087327	.0750
%RSD	.7235674	.3173603	.2228299	.6225844	.7880892	1.071148	.0359582

#1	.0073792	.0383417	289.9952	.2276294	.0945001	.8062353	208.5633
#2	.0072759	.0385850	288.9266	.2303628	.0947584	.8158954	208.7022
#3	.0073072	.0384810	290.0881	.2297079	.0959074	.8236666	208.6818

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.217320	76.29444	.1682436	.0090773	3.322578	.4361189	2.614325
Stddev	.026375	.35904	.0004296	.0004158	.188349	.0091522	.048454
%RSD	.4242102	.4705953	.2553284	4.580588	5.668763	2.098559	1.853398

#1	6.239577	75.90281	.1680164	.0088467	3.371874	.4372291	2.613889
#2	6.188190	76.37246	.1687390	.0088279	3.114483	.4264623	2.566090
#3	6.224194	76.60805	.1679753	.0095573	3.481377	.4446654	2.662995

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.06898	15.83946	.1726164	.0160590	6.969685	8.237566	.0137916
Stddev	.09067	.00220	.0039804	.0001790	.018589	.004666	.0014454
%RSD	.2445958	.0138657	2.305933	1.114592	.2667058	.0566392	10.48010

#1	36.96715	15.83708	.1770162	.0158990	6.990001	8.234274	.0131431
#2	37.09879	15.83991	.1715674	.0160257	6.953528	8.242905	.0154477
#3	37.14099	15.84140	.1692655	.0162523	6.965525	8.235519	.0127841

Sample Name: J4753-05 Acquired: 9/17/2018 13:58:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GX7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.807801	.1483849	.6772033
Stddev	.017574	.0010451	.0031105
%RSD	.4615339	.7043334	.4593118

#1	3.807505	.1495575	.6761057
#2	3.790376	.1480457	.6747905
#3	3.825521	.1475515	.6807138

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2445.579	2743.562	57198.01	5914.813	3492.753
Stddev	2.231	6.493	93.39	6.738	4.365
%RSD	.0912234	.2366469	.1632716	.1139222	.1249691

#1	2445.068	2742.871	57095.83	5908.810	3495.871
#2	2443.648	2737.442	57219.26	5913.527	3487.765
#3	2448.021	2750.372	57278.94	5922.101	3494.623

Sample Name: J4753-06 Acquired: 9/17/2018 14:02:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GY0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2653905	.0194535	6.450797	.0150376	.0627690	74.68409	1.495374
Stddev	.0005131	.0006582	.014115	.0027223	.0012749	.12817	.005604
%RSD	.1933340	3.383674	.2188162	18.10339	2.031052	.1716105	.3747483

#1	.2656847	.0189722	6.438003	.0176050	.0618641	74.67987	1.500586
#2	.2647980	.0202036	6.448449	.0153245	.0622159	74.81432	1.496089
#3	.2656887	.0191848	6.465939	.0121831	.0642271	74.55810	1.489447

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080958	.4908533	310.0190	.0829915	.0647299	28.28829	126.0976
Stddev	.0000854	.0015761	.3947	.0006080	.0008500	.06095	.5143
%RSD	1.054997	.3211037	.1273083	.7325817	1.313120	.2154500	.4078327

#1	.0080077	.4899057	310.4177	.0834150	.0644284	28.26483	125.9446
#2	.0081782	.4899815	309.6284	.0822949	.0640717	28.35748	126.6710
#3	.0081014	.4926728	310.0108	.0832647	.0656895	28.24255	125.6772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.174354	88.53442	.1449623	.1060159	1.311320	.1609149	3.839482
Stddev	.014103	.30504	.0005963	.0004797	.217274	.0031636	.048471
%RSD	.3378509	.3445430	.4113438	.4524616	16.56910	1.965979	1.262440

#1	4.171523	88.63573	.1442985	.1054646	1.451100	.1644630	3.795403
#2	4.161882	88.77593	.1451359	.1063374	1.061002	.1583884	3.891392
#3	4.189659	88.19162	.1454526	.1062458	1.421858	.1598932	3.831652

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.68383	12.88261	.1796396	.0073593	12.33579	20.74043	.1001319
Stddev	.11535	.03030	.0032159	.0002633	.02562	.08602	.0007830
%RSD	.4166805	.2352388	1.790194	3.577665	.2076855	.4147377	.7819368

#1	27.58995	12.85737	.1799668	.0071745	12.30971	20.80763	.0997242
#2	27.81260	12.91622	.1826794	.0072425	12.33676	20.64349	.0996369
#3	27.64894	12.87425	.1762727	.0076608	12.36092	20.77018	.1010346

Sample Name: J4753-06 Acquired: 9/17/2018 14:02:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GY0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.444123	.1929033	.9575354
Stddev	.005520	.0017189	.0002969
%RSD	.3822393	.8910849	.0310053

#1	1.442206	.1929383	.9572982
#2	1.450346	.1946044	.9578684
#3	1.439818	.1911671	.9574398

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2459.863	2753.055	57966.00	5997.346	3494.265
Stddev	8.203	3.974	274.42	25.237	5.739
%RSD	.3334880	.1443314	.4734084	.4208068	.1642348

#1	2451.037	2748.474	57661.87	5975.005	3490.735
#2	2461.296	2755.125	58195.09	6024.721	3500.887
#3	2467.255	2755.566	58041.04	5992.313	3491.174

Sample Name: J4753-07 Acquired: 9/17/2018 14:06:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GY1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3322570	.0151934	6.939712	.0107455	.0592830	71.39807	1.431280
Stddev	.0025207	.0015463	.007509	.0011389	.0017932	.44836	.002415
%RSD	.7586449	10.17735	.1082077	10.59905	3.024884	.6279734	.1687253

#1	.3298624	.0134086	6.935527	.0107950	.0601037	70.89688	1.429335
#2	.3320214	.0160434	6.935228	.0118589	.0605190	71.53628	1.430522
#3	.3348871	.0161282	6.948381	.0095827	.0572262	71.76105	1.433983

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078820	.4182101	231.2569	.0951665	.0722783	26.48282	139.0818
Stddev	.0001342	.0007307	.2500	.0002858	.0004523	.11367	1.3200
%RSD	1.702372	.1747317	.1080838	.3003073	.6258003	.4292259	.9490800

#1	.0077411	.4173755	231.2860	.0949038	.0719781	26.37508	137.5599
#2	.0078964	.4185201	230.9937	.0954708	.0720583	26.47177	139.7689
#3	.0080083	.4187348	231.4911	.0951247	.0727985	26.60162	139.9164

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.174219	69.43908	.1327937	.1042668	1.845034	.2561844	4.091575
Stddev	.011146	.73785	.0003336	.0003558	.104140	.0026543	.013246
%RSD	.2670242	1.062582	.2512205	.3412185	5.644316	1.036091	.3237482

#1	4.175975	68.60850	.1327488	.1045557	1.834524	.2592377	4.095453
#2	4.162299	70.01876	.1331475	.1038694	1.954030	.2548882	4.102451
#3	4.184383	69.68997	.1324848	.1043754	1.746548	.2544272	4.076823

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.14090	12.80368	.1736077	.0111326	11.40747	15.65675	.1042123
Stddev	.21793	.02748	.0037404	.0002143	.01913	.11403	.0006607
%RSD	.6998267	.2146381	2.154531	1.925110	.1676990	.7283164	.6340410

#1	30.89821	12.77215	.1709468	.0113343	11.38911	15.53630	.1034631
#2	31.20464	12.82256	.1719918	.0109076	11.42729	15.76303	.1044617
#3	31.31986	12.81633	.1778844	.0111560	11.40602	15.67092	.1047120

Sample Name: J4753-07 Acquired: 9/17/2018 14:06:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GY1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.920717	.1439692	.7875718
Stddev	.014423	.0016423	.0018697
%RSD	.7509013	1.140711	.2373967

#1	1.907037	.1433326	.7866532
#2	1.919331	.1427406	.7863390
#3	1.935783	.1458345	.7897230

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2471.003	2750.859	57910.02	5998.150	3553.375
Stddev	2.740	4.080	147.79	32.083	3.692
%RSD	.1108848	.1483072	.2552110	.5348848	.1038875

#1	2467.953	2750.548	58079.51	6033.446	3556.343
#2	2471.798	2755.085	57842.51	5970.757	3554.542
#3	2473.257	2746.943	57808.03	5990.245	3549.242

Sample Name: J4753-08 Acquired: 9/17/2018 14:10:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GY3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4171304	.0110559	5.505606	.0091295	.0482615	84.99460	1.651126
Stddev	.0081405	.0008610	.010149	.0007969	.0006649	.13843	.005960
%RSD	1.951536	7.787557	.1843465	8.728512	1.377816	.1628688	.3609690

#1	.4087571	.0120161	5.497648	.0097730	.0490153	84.83677	1.657958
#2	.4250161	.0107990	5.502136	.0082381	.0480111	85.09541	1.648425
#3	.4176181	.0103526	5.517036	.0093772	.0477581	85.05162	1.646994

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088420	.2444634	390.0602	.0896199	.0651875	24.86334	136.1377
Stddev	.0000494	.0006313	.8784	.0003390	.0001656	.02635	.5891
%RSD	.5591580	.2582218	.2251971	.3782731	.2540078	.1059945	.4327482

#1	.0088548	.2438177	391.0744	.0899120	.0652416	24.86692	135.4641
#2	.0087874	.2444934	389.5650	.0896995	.0653193	24.88772	136.5569
#3	.0088838	.2450792	389.5412	.0892482	.0650017	24.83538	136.3921

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.061400	107.0470	.1293771	.1022178	1.879456	.2002588	2.778746
Stddev	.013151	.5141	.0001373	.0000972	.081185	.0071069	.015247
%RSD	.3238058	.4802345	.1061097	.0950966	4.319607	3.548878	.5487038

#1	4.076546	106.4989	.1294625	.1021800	1.914728	.1922262	2.771319
#2	4.052875	107.5185	.1292187	.1021451	1.937040	.2057297	2.768635
#3	4.054779	107.1237	.1294501	.1023282	1.786601	.2028206	2.796283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.78633	11.09766	.2339952	.0105866	10.34889	13.34233	.1040023
Stddev	.15279	.00518	.0020195	.0001943	.02371	.03385	.0017905
%RSD	.4269495	.0466535	.8630400	1.835065	.2291417	.2536930	1.721641

#1	35.63426	11.09562	.2317959	.0105579	10.32402	13.32292	.1033532
#2	35.78489	11.10355	.2357660	.0104082	10.37124	13.32266	.1060269
#3	35.93983	11.09381	.2344239	.0107936	10.35142	13.38142	.1026268

Sample Name: J4753-08 Acquired: 9/17/2018 14:10:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GY3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.493395	.2353054	1.325452
Stddev	.001904	.0010660	.002799
%RSD	.1274715	.4530435	.2111679

#1	1.491989	.2354305	1.327749
#2	1.492634	.2341824	1.326274
#3	1.495561	.2363034	1.322335

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2502.169	2787.641	58994.82	6101.306	3410.894
Stddev	5.512	5.169	91.27	19.410	4.959
%RSD	.2203009	.1854131	.1547061	.3181309	.1453821

#1	2497.402	2787.706	58933.30	6121.407	3413.458
#2	2500.900	2792.777	58951.47	6099.841	3414.046
#3	2508.205	2782.441	59099.69	6082.670	3405.178

Sample Name: J4753-09 Acquired: 9/17/2018 14:14:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GY4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4961183	.0186677	11.63848	.0528027	.1148937	40.74264
Stddev	.0040647	.0019927	.02500	.0019124	.0026823	.30134
%RSD	.8192896	10.67436	.2148023	3.621796	2.334579	.7396201

#1	.4921523	.0208110	11.64922	.0518125	.1152344	40.84290
#2	.4959277	.0183211	11.60990	.0515883	.1173893	40.40395
#3	.5002749	.0168712	11.65631	.0550071	.1120573	40.98107

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9852195	.0039108	.3642175	63.90559	.0594797	.0485997
Stddev	.0075527	.0000700	.0002456	.50369	.0004460	.0002810
%RSD	.7666000	1.790394	.0674446	.7881723	.7497878	.5780988

#1	.9903545	.0039831	.3641899	64.18188	.0589648	.0489212
#2	.9765473	.0038433	.3639867	63.32422	.0597291	.0484009
#3	.9887567	.0039059	.3644757	64.21067	.0597451	.0484771

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 136.5442	81.30288	3.763907	36.66469	.1092009	.1758305
Stddev	.9494	.79868	.030924	.27912	.0007407	.0004172
%RSD	.6952957	.9823456	.8215966	.7612650	.6782694	.2372671

#1	137.2131	81.51303	3.784850	36.83342	.1096639	.1758675
#2	135.4576	80.42014	3.728389	36.34252	.1095921	.1762280
#3	136.9619	81.97546	3.778483	36.81814	.1083466	.1753961

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.253071	.1371383	5.147717	12.88630	11.64082	.1149045
Stddev	.330670	.0051050	.035393	.14492	.04160	.0026578
%RSD	26.38879	3.722508	.6875467	1.124625	.3573228	2.313075

#1	1.004507	.1319906	5.188103	12.80995	11.63860	.1146780
#2	1.628360	.1372249	5.132941	12.79553	11.60039	.1123672
#3	1.126346	.1421995	5.122106	13.05344	11.68349	.1176684

Sample Name: J4753-09 Acquired: 9/17/2018 14:14:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GY4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195237	13.34932	21.89366	.2375848	1.443396	.1073048
Stddev	.0003200	.01533	.17632	.0025005	.011557	.0007557
%RSD	1.638757	.1148040	.8053284	1.052488	.8006675	.7042864

#1	.0194749	13.33197	21.91162	.2383696	1.446799	.1081093
#2	.0192310	13.36103	21.70905	.2395989	1.430520	.1066098
#3	.0198652	13.35495	22.06031	.2347860	1.452870	.1071951

Elem	Sr4077
Units	ppm
Avg	.2669356
Stddev	.0022239
%RSD	.8331111

#1	.2680316
#2	.2643765
#3	.2683988

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2345.861	2560.027	54917.29	5664.232	3745.858
Stddev	5.994	2.577	184.92	77.563	1.493
%RSD	.2554951	.1006800	.3367158	1.369339	.0398636

#1	2339.549	2558.555	54806.34	5675.115	3744.359
#2	2351.475	2563.003	55130.76	5735.778	3747.345
#3	2346.559	2558.523	54814.77	5581.803	3745.870

Sample Name: J4753-10 Acquired: 9/17/2018 14:18:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GY8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1179090	.0024007	1.399185	-.018168	.0118177	69.11585	1.084319
Stddev	.0016311	.0025514	.001776	.000913	.0020140	.10283	.001218
%RSD	1.383326	106.2784	.1269057	5.026948	17.04219	.1487802	.1123392

#1	.1196364	.0034900	1.399498	-.017800	.0133460	69.21840	1.084028
#2	.1176953	-.000515	1.397273	-.017496	.0095355	69.11640	1.085657
#3	.1163953	.004227	1.400783	-.019208	.0125715	69.01274	1.083274

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053847	.0397976	150.7872	.1293859	.0705067	.6574116	186.3505
Stddev	.0000922	.0000719	.3692	.0006716	.0004480	.0026799	.6834
%RSD	1.712841	.1807285	.2448532	.5191065	.6354182	.4076384	.3667041

#1	.0052785	.0397954	150.6587	.1291071	.0703696	.6557514	186.0446
#2	.0054316	.0398705	151.2035	.1288986	.0710072	.6605032	187.1334
#3	.0054441	.0397267	150.4994	.1301521	.0701432	.6559801	185.8736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.211039	48.02539	.0977632	.0068383	2.930402	.4193866	1.042035
Stddev	.022259	.33226	.0001485	.0005657	.288242	.0016096	.009445
%RSD	.5285771	.6918498	.1519436	8.273191	9.836244	.3838049	.9064465

#1	4.218501	48.02793	.0978481	.0063642	3.258756	.4180085	1.043064
#2	4.228607	48.35638	.0975917	.0074646	2.719098	.4189955	1.032118
#3	4.186008	47.69187	.0978499	.0066861	2.813352	.4211557	1.050925

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.27696	8.189964	.1596911	.0128261	3.646058	9.154496	.0043624
Stddev	.08299	.005503	.0024561	.0003286	.016691	.025791	.0006674
%RSD	.3725162	.0671910	1.538051	2.562252	.4577701	.2817249	15.29973

#1	22.29965	8.185164	.1575735	.0131290	3.664543	9.167593	.0050450
#2	22.18498	8.188757	.1591161	.0128727	3.632093	9.171110	.0037112
#3	22.34623	8.195969	.1623837	.0124767	3.641537	9.124785	.0043309

Sample Name: J4753-10 Acquired: 9/17/2018 14:18:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GY8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.099569	.0914585	.4161616
Stddev	.003158	.0009245	.0011211
%RSD	.1504110	1.010807	.2693857

#1	2.101404	.0923297	.4161638
#2	2.101380	.0904887	.4172817
#3	2.095922	.0915573	.4150395

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2393.068	2698.266	55852.34	5756.274	3606.139
Stddev	17.201	2.076	119.61	6.992	4.305
%RSD	.7187835	.0769370	.2141563	.1214654	.1193701

#1	2378.463	2695.945	55736.95	5753.221	3601.171
#2	2412.028	2699.946	55975.76	5751.327	3608.485
#3	2388.714	2698.906	55844.31	5764.273	3608.762

Sample Name: J4753-11 Acquired: 9/17/2018 14:22:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GY9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1983457	.0068712	3.933619	-.018853	.0156663	86.37820	1.252589
Stddev	.0026127	.0007678	.007233	.002536	.0010419	.57688	.002999
%RSD	1.317237	11.17487	.1838699	13.45399	6.650870	.6678589	.2394374

#1	.1997576	.0070119	3.928389	-.021346	.0168671	86.04031	1.252244
#2	.1953309	.0075589	3.930595	-.016275	.0150014	87.04430	1.249778
#3	.1999487	.0060427	3.941873	-.018937	.0151303	86.04998	1.255746

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068906	.0983760	105.2839	.1244625	.0838490	.6320289	177.3052
Stddev	.0000734	.0001264	.1698	.0005480	.0000792	.0014727	2.4504
%RSD	1.064671	.1284641	.1612960	.4402682	.0944331	.2330166	1.382004

#1	.0069707	.0984397	105.1633	.1244948	.0837646	.6306930	175.5727
#2	.0068742	.0982305	105.2104	.1238991	.0838606	.6317855	180.1088
#3	.0068268	.0984579	105.4781	.1249936	.0839217	.6336082	176.2342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.047530	46.55889	.1181706	.0143349	2.005990	.3628526	1.668103
Stddev	.022410	.48185	.0005172	.0002954	.109655	.0092433	.029176
%RSD	.4439759	1.034922	.4376656	2.060526	5.466394	2.547394	1.749076

#1	5.048477	46.31905	.1178919	.0139940	2.103611	.3602470	1.656024
#2	5.024662	47.11359	.1178526	.0145151	1.887345	.3731190	1.701380
#3	5.069452	46.24402	.1187674	.0144956	2.027015	.3551918	1.646907

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.52225	10.27422	.1628976	.0093811	5.951891	8.933670	.0084338
Stddev	.03858	.05626	.0060529	.0001346	.025761	.065613	.0020062
%RSD	.1454640	.5475838	3.715765	1.435223	.4328200	.7344473	23.78750

#1	26.51988	10.22922	.1577749	.0094051	5.922321	8.957725	.0061202
#2	26.48491	10.25614	.1695767	.0095022	5.963873	8.983859	.0094893
#3	26.56197	10.33729	.1613412	.0092361	5.969478	8.859424	.0096919

Sample Name: J4753-11 Acquired: 9/17/2018 14:22:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GY9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.991133	.0980972	.5345401
Stddev	.013215	.0013263	.0007678
%RSD	.6636780	1.352034	.1436304

#1	1.980745	.0971781	.5343431
#2	2.006007	.0996176	.5338901
#3	1.986648	.0974958	.5353872

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2504.900	2807.163	58099.12	5962.808	3642.384
Stddev	11.698	5.556	134.95	47.186	2.893
%RSD	.4670123	.1979105	.2322789	.7913349	.0794185

#1	2500.349	2802.713	58244.43	5949.710	3641.871
#2	2496.160	2813.390	57977.73	5923.554	3645.499
#3	2518.189	2805.387	58075.18	6015.158	3639.783

Sample Name: J4753-12 Acquired: 9/17/2018 14:26:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2304354	.0071597	4.096067	-.018231	.0157133	81.40329	1.286732
Stddev	.0045579	.0016704	.007457	.003880	.0011462	.29922	.001684
%RSD	1.977951	23.33026	.1820503	21.28207	7.294685	.3675742	.1308625

#1	.2343610	.0090757	4.096590	-.022006	.0150401	81.63272	1.287002
#2	.2254367	.0060097	4.088362	-.018434	.0150630	81.06485	1.284930
#3	.2315083	.0063937	4.103248	-.014254	.0170368	81.51230	1.288265

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069722	.1067200	144.6533	.1230505	.0758181	.6328887	174.7155
Stddev	.0000394	.0001787	.1168	.0003698	.0005599	.0038858	1.0804
%RSD	.5651053	.1674312	.0807267	.3004837	.7385120	.6139803	.6183568

#1	.0069799	.1068967	144.7299	.1231084	.0751818	.6352807	175.9470
#2	.0069296	.1067240	144.7110	.1233879	.0760371	.6284051	173.9272
#3	.0070073	.1065394	144.5189	.1226553	.0762354	.6349803	174.2724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.052528	44.97091	.1127447	.0160968	2.193962	.3638822	1.660773
Stddev	.007189	.21464	.0003065	.0002783	.181184	.0013395	.013285
%RSD	.1422769	.4772838	.2718431	1.729158	8.258299	.3681195	.7999412

#1	5.059973	45.20452	.1130469	.0164180	2.002125	.3645200	1.652179
#2	5.051984	44.78241	.1127532	.0159474	2.362176	.3623430	1.676075
#3	5.045627	44.92581	.1124341	.0159251	2.217586	.3647836	1.654066

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.30787	7.894052	.1571577	.0097941	5.778879	8.559964	.0085305
Stddev	.11504	.040362	.0030811	.0001444	.008635	.037245	.0007738
%RSD	.4545701	.5113021	1.960501	1.474341	.1494248	.4351052	9.071170

#1	25.35515	7.857177	.1599582	.0096318	5.769050	8.602862	.0076551
#2	25.17672	7.887806	.1576576	.0099084	5.782341	8.535869	.0091235
#3	25.39173	7.937173	.1538572	.0098420	5.785246	8.541162	.0088127

Sample Name: J4753-12 Acquired: 9/17/2018 14:26:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GZ0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.829795	.0907668	.6632163
Stddev	.006073	.0009690	.0008927
%RSD	.3318987	1.067526	.1346030

#1	1.835236	.0901398	.6629511
#2	1.823243	.0902779	.6642116
#3	1.830906	.0918829	.6624863

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2489.608	2786.182	57830.14	5936.247	3629.393
Stddev	9.039	4.317	323.55	34.371	6.046
%RSD	.3630820	.1549281	.5594882	.5790089	.1665809

#1	2493.585	2782.790	57617.86	5896.570	3624.165
#2	2479.262	2784.715	57670.02	5955.248	3628.001
#3	2495.977	2791.041	58202.53	5956.922	3636.014

Sample Name: J4753-13 Acquired: 9/17/2018 14:30:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2326475	.0091370	4.101785	-.014843	.0163236	81.57379	1.288476
Stddev	.0064438	.0027888	.005310	.003161	.0010313	.23371	.002985
%RSD	2.769762	30.52242	.1294542	21.29785	6.317655	.2865022	.2316340

#1	.2400003	.0069509	4.097740	-.016712	.0155089	81.38644	1.286839
#2	.2299580	.0122778	4.099816	-.011193	.0159789	81.83568	1.291921
#3	.2279841	.0081824	4.107798	-.016623	.0174831	81.49925	1.286669

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068656	.1070981	144.9136	.1243152	.0757584	.6272396	174.9527
Stddev	.0001086	.0002754	.8155	.0006805	.0004520	.0024411	1.2437
%RSD	1.581414	.2571353	.5627759	.5474033	.5966578	.3891728	.7108941

#1	.0068750	.1073675	144.5486	.1248778	.0752928	.6252519	173.8599
#2	.0069692	.1068171	145.8478	.1245091	.0757869	.6299642	176.3061
#3	.0067527	.1071096	144.3443	.1235588	.0761955	.6265028	174.6921

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.051669	45.11817	.1128547	.0155455	2.316756	.3624404	1.682555
Stddev	.038898	.19032	.0009259	.0004077	.195017	.0070918	.011436
%RSD	.7700074	.4218326	.8204344	2.622288	8.417672	1.956673	.6796864

#1	5.047482	44.96003	.1124941	.0153716	2.470865	.3567194	1.695640
#2	5.092491	45.32940	.1139067	.0160113	2.097507	.3703749	1.674471
#3	5.015033	45.06509	.1121634	.0152536	2.381897	.3602269	1.677553

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.35277	7.868350	.1627173	.0095478	5.822674	8.675550	.0083452
Stddev	.04133	.013815	.0038491	.0001372	.017685	.025397	.0010939
%RSD	.1630044	.1755769	2.365522	1.437098	.3037195	.2927473	13.10852

#1	25.33688	7.863164	.1620083	.0096395	5.817321	8.647255	.0089757
#2	25.39968	7.884008	.1668716	.0093900	5.808285	8.696374	.0089778
#3	25.32175	7.857878	.1592719	.0096138	5.842417	8.683022	.0070820

Sample Name: J4753-13 Acquired: 9/17/2018 14:30:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.836431	.0921644	.6670762
Stddev	.011257	.0007696	.0034987
%RSD	.6129926	.8349971	.5244820

#1	1.833815	.0914081	.6655640
#2	1.848766	.0921385	.6710767
#3	1.826712	.0929465	.6645880

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2484.653	2787.808	57718.26	5926.551	3630.307
Stddev	7.468	5.400	101.25	24.752	3.710
%RSD	.3005510	.1936844	.1754151	.4176452	.1021935

#1	2481.143	2781.692	57604.07	5941.623	3626.318
#2	2493.229	2789.816	57753.65	5897.985	3630.950
#3	2479.587	2791.917	57797.07	5940.046	3633.654

Sample Name: J4753-14 Acquired: 9/17/2018 14:34:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2953445	.1052219	4.049527	.0691062	.1937449	83.21939	5.090292
Stddev	.0023411	.0014893	.007886	.0032020	.0019957	.28401	.005239
%RSD	.7926634	1.415405	.1947265	4.633457	1.030073	.3412740	.1029154

#1	.2976693	.1056124	4.040981	.0664767	.1959765	83.22234	5.092243
#2	.2953767	.1035762	4.051080	.0726720	.1921313	83.50191	5.094275
#3	.2929875	.1064771	4.056521	.0681700	.1931269	82.93392	5.084357

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0967227	.2043122	142.8225	.4942022	1.098320	1.086576	172.0069
Stddev	.0006349	.0004092	.1832	.0021057	.000864	.011213	.6953
%RSD	.6563966	.2002786	.1282692	.4260760	.0786821	1.031959	.4042155

#1	.0974558	.2039075	142.6325	.4963363	1.097355	1.099105	171.9689
#2	.0963510	.2043033	142.8369	.4921262	1.099021	1.077481	172.7203
#3	.0963614	.2047258	142.9981	.4941440	1.098586	1.083143	171.3313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.894160	44.09835	1.133536	.1020561	2.274109	1.307348	2.524285
Stddev	.023158	.41876	.002544	.0002183	.151865	.017500	.045556
%RSD	.3929028	.9496027	.2244182	.2138832	6.677995	1.338568	1.804716

#1	5.879283	44.22941	1.132642	.1018505	2.190514	1.303109	2.479116
#2	5.882355	44.43592	1.131560	.1020327	2.182408	1.326578	2.570219
#3	5.920842	43.62974	1.136406	.1022851	2.449405	1.292357	2.523521

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.77792	7.709728	.1585059	.0094671	5.704211	8.465880	.0079651
Stddev	.08076	.011120	.0030760	.0002487	.013014	.057073	.0008567
%RSD	.3259234	.1442394	1.940645	2.627140	.2281521	.6741557	10.75621

#1	24.84626	7.714662	.1549863	.0096513	5.693694	8.529462	.0074430
#2	24.79870	7.696994	.1598519	.0095658	5.700174	8.419078	.0089538
#3	24.68880	7.717527	.1606796	.0091842	5.718765	8.449099	.0074984

Sample Name: J4753-14 Acquired: 9/17/2018 14:34:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GZ0S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.796667	.0923485	.6593006
Stddev	.006132	.0027157	.0022304
%RSD	.3412870	2.940699	.3383022

#1	1.796956	.0892644	.6567847
#2	1.802648	.0943815	.6600815
#3	1.790395	.0933997	.6610356

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2482.733	2783.189	57550.55	5908.918	3628.207
Stddev	5.764	5.736	82.05	25.716	4.369
%RSD	.2321763	.2060965	.1425778	.4351993	.1204271

#1	2486.971	2777.549	57498.10	5887.968	3623.872
#2	2476.169	2789.016	57508.44	5901.169	3632.610
#3	2485.059	2783.002	57645.11	5937.617	3628.138

Sample Name: J4753-12LX5 Acquired: 9/17/2018 14:37:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0515492	-.000130	.8223770	-.005435	.0030858	16.30857	.2562502
Stddev	.0023860	.002087	.0160735	.001610	.0011090	.24455	.0034897
%RSD	4.628617	1601.650	1.954513	29.62988	35.93733	1.499528	1.361843

#1	.0522559	-.002490	.8061404	-.003677	.0042747	16.07013	.2524856
#2	.0488896	.000624	.8227083	-.005789	.0020794	16.29677	.2568881
#3	.0535020	.001474	.8382822	-.006839	.0029034	16.55881	.2593770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015196	.0218263	29.27620	.0341395	.0148257	.1249043	35.59733
Stddev	.0001342	.0003951	.45459	.0002811	.0005143	.0036069	.56721
%RSD	8.831604	1.810386	1.552769	.8234796	3.468872	2.887706	1.593415

#1	.0014755	.0214265	28.82948	.0340356	.0143548	.1208399	34.98840
#2	.0014130	.0218359	29.26084	.0339251	.0147480	.1277240	35.69290
#3	.0016703	.0222166	29.73828	.0344578	.0153745	.1261489	36.11069

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.039542	8.886696	.0268681	.0027722	.4659882	.0642699	.3343784
Stddev	.013224	.075840	.0001176	.0005042	.4030846	.0066050	.0117513
%RSD	1.272063	.8534118	.4377014	18.18827	86.50103	10.27700	3.514371

#1	1.024815	8.799864	.0268708	.0022547	.6190918	.0702305	.3312476
#2	1.043411	8.920275	.0267492	.0032620	.7700894	.0571689	.3473780
#3	1.050399	8.939950	.0269844	.0028001	.0087835	.0654102	.3245095

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.415951	1.557225	.0304332	.0027124	1.143066	1.823044	-.000664
Stddev	.189949	.032122	.0022347	.0001820	.018418	.025628	.000291
%RSD	4.301426	2.062774	7.342941	6.710985	1.611314	1.405764	43.90602

#1	4.211091	1.522484	.0280406	.0026148	1.126211	1.793595	-.000959
#2	4.450523	1.563345	.0307927	.0026000	1.140262	1.835253	-.000656
#3	4.586239	1.585847	.0324664	.0029225	1.162726	1.840285	-.000376

Sample Name: J4753-12LX5 Acquired: 9/17/2018 14:37:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3694541	.0161569	.1337846
Stddev	.0035784	.0003394	.0021874
%RSD	.9685555	2.100819	1.634993

#1	.3657109	.0162870	.1316745
#2	.3698105	.0164120	.1336373
#3	.3728409	.0157717	.1360418

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2285.730	2602.421	52431.35	5340.787	3795.363
Stddev	10.122	3.393	154.93	13.717	4.155
%RSD	.4428471	.1303839	.2954984	.2568378	.1094764

#1	2293.353	2603.328	52542.90	5330.970	3790.578
#2	2289.592	2598.666	52496.70	5334.930	3797.441
#3	2274.245	2605.268	52254.45	5356.460	3798.068

Sample Name: J4753-15 Acquired: 9/17/2018 14:41:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0992949	.0067982	1.093676	-.019554	.0060152	65.80285	1.303547
Stddev	.0026659	.0007954	.001503	.001585	.0012582	.40703	.003208
%RSD	2.684805	11.70071	.1374150	8.105885	20.91749	.6185535	.2461067

#1	.1014280	.0070163	1.092274	-.019367	.0047632	66.05585	1.306313
#2	.1001503	.0074619	1.095263	-.018071	.0060028	65.33333	1.300030
#3	.0963063	.0059165	1.093492	-.021224	.0072796	66.01937	1.304298

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059513	.0307498	181.2083	.1340770	.0728903	.5193576	166.7160
Stddev	.0001196	.0001596	.4008	.0006279	.0005653	.0002501	1.7416
%RSD	2.008870	.5189080	.2211973	.4683290	.7754868	.0481504	1.044639

#1	.0058442	.0305729	180.8800	.1333646	.0725134	.5196452	168.2250
#2	.0059294	.0307938	181.0899	.1343164	.0726171	.5192362	164.8103
#3	.0060803	.0308828	181.6550	.1345500	.0735402	.5191914	167.1128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.555531	46.53500	.1126314	.0033214	1.903877	.3671484	1.195724
Stddev	.008997	.40621	.0005790	.0003940	.113675	.0049688	.015720
%RSD	.1974936	.8729026	.5140533	11.86206	5.970703	1.353359	1.314712

#1	4.545216	46.82778	.1119846	.0037757	1.849453	.3724788	1.205437
#2	4.561756	46.07126	.1131011	.0031147	1.827646	.3663213	1.204149
#3	4.559622	46.70595	.1128086	.0030738	2.034533	.3626450	1.177588

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.83302	8.912291	.1415920	.0076689	2.930137	5.443422	.0032822
Stddev	.16765	.020057	.0044011	.0002156	.005535	.024193	.0009353
%RSD	.7678822	.2250536	3.108316	2.811823	.1889040	.4444409	28.49640

#1	21.86966	8.923419	.1466686	.0079158	2.930467	5.434978	.0022035
#2	21.65008	8.889137	.1388519	.0075736	2.924445	5.424582	.0037750
#3	21.97933	8.924318	.1392554	.0075174	2.935500	5.470705	.0038681

Sample Name: J4753-15 Acquired: 9/17/2018 14:41:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.566340	.0825700	.5748109
Stddev	.011794	.0014013	.0013030
%RSD	.7529503	1.697135	.2266782

#1	1.567917	.0817437	.5741366
#2	1.553837	.0841880	.5739833
#3	1.577265	.0817783	.5763128

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2446.224	2735.584	56993.04	5815.543	3584.531
Stddev	3.279	5.280	249.14	40.593	7.030
%RSD	.1340513	.1930295	.4371360	.6980166	.1961077

#1	2448.607	2739.519	57096.60	5827.408	3589.779
#2	2442.485	2737.650	57173.70	5848.882	3587.269
#3	2447.582	2729.583	56708.82	5770.339	3576.544

Sample Name: J4753-16 Acquired: 9/17/2018 14:45:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1741323	.0028809	1.739318	-.025743	.0152294	82.16478	1.918305
Stddev	.0011445	.0021608	.006178	.003414	.0018953	.34038	.003273
%RSD	.6572315	75.00293	.3551825	13.26022	12.44504	.4142672	.1706020

#1	.1729284	.0049070	1.742929	-.022210	.0156159	81.99139	1.920605
#2	.1752062	.0031288	1.732185	-.029023	.0169017	81.94601	1.914558
#3	.1742623	.0006069	1.742841	-.025996	.0131707	82.55695	1.919751

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074167	.0540069	246.8753	.1817859	.0988283	.7799847	248.9081
Stddev	.0000706	.0001213	.2899	.0004222	.0003370	.0096072	1.0697
%RSD	.9522488	.2245804	.1174176	.2322687	.3410382	1.231713	.4297463

#1	.0073457	.0541283	247.1329	.1819177	.0991743	.7880131	248.1605
#2	.0074173	.0538857	246.5614	.1813135	.0985010	.7693405	248.4304
#3	.0074870	.0540069	246.9316	.1821266	.0988096	.7826003	250.1333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.187454	60.81576	.1398941	.0071289	2.748359	.6003484	1.485191
Stddev	.020316	.30754	.0010497	.0007653	.079093	.0085778	.053812
%RSD	.3916278	.5056990	.7503425	10.73554	2.877830	1.428812	3.623227

#1	5.207132	60.91937	.1387483	.0065951	2.672088	.5935394	1.475098
#2	5.188675	60.46979	.1401247	.0080057	2.830001	.5975234	1.543334
#3	5.166556	61.05812	.1408094	.0067859	2.742988	.6099825	1.437140

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.66273	15.25877	.2190264	.0101447	7.432479	6.933164	.0037885
Stddev	.22807	.04505	.0012265	.0001672	.031941	.080489	.0012869
%RSD	.6579687	.2952082	.5599952	1.648365	.4297491	1.160930	33.96886

#1	34.63381	15.22393	.2176757	.0099594	7.396335	6.936573	.0050902
#2	34.45049	15.30964	.2193329	.0101901	7.456910	6.851025	.0025169
#3	34.90387	15.24274	.2200706	.0102845	7.444192	7.011895	.0037583

Sample Name: J4753-16 Acquired: 9/17/2018 14:45:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.962696	.1140873	.5969460
Stddev	.004368	.0004375	.0007110
%RSD	.2225631	.3834527	.1191153

#1	1.957868	.1144203	.5974959
#2	1.966375	.1142498	.5961430
#3	1.963844	.1135919	.5971991

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2517.993	2818.674	58930.06	6068.116	3511.228
Stddev	14.522	2.904	265.31	49.210	4.611
%RSD	.5767108	.1030297	.4502175	.8109633	.1313196

#1	2513.914	2815.393	59064.38	6063.576	3507.405
#2	2505.948	2819.714	58624.45	6119.439	3516.349
#3	2534.118	2820.915	59101.36	6021.333	3509.932

Sample Name: J4753-17 Acquired: 9/17/2018 14:49:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2255093	.0056674	4.110443	-.021538	.0130524	86.23240	1.265206
Stddev	.0054669	.0014143	.005415	.003383	.0022199	.44777	.000647
%RSD	2.424269	24.95547	.1317277	15.70831	17.00783	.5192588	.0511000

#1	.2318171	.0049533	4.111694	-.023447	.0111094	85.73058	1.265864
#2	.2221403	.0047526	4.104513	-.023535	.0125759	86.37550	1.264572
#3	.2225705	.0072965	4.115123	-.017632	.0154719	86.59114	1.265182

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073226	.0980404	101.2173	.1289382	.0814779	.6501463	191.1919
Stddev	.0000786	.0000186	.0902	.0007344	.0001211	.0064171	1.5210
%RSD	1.073895	.0189608	.0891074	.5696002	.1485659	.9870288	.7955385

#1	.0072365	.0980613	101.2898	.1285805	.0814688	.6427646	189.5287
#2	.0073404	.0980257	101.2460	.1284511	.0813616	.6543956	191.5348
#3	.0073907	.0980343	101.1163	.1297830	.0816032	.6532788	192.5122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.722059	49.09989	.1211498	.0137673	2.197439	.4052174	1.699704
Stddev	.010380	.72015	.0006533	.0003828	.045293	.0013636	.021405
%RSD	.2198124	1.466709	.5392613	2.780386	2.061176	.3365124	1.259310

#1	4.723790	48.27214	.1206455	.0137095	2.145157	.4067786	1.679451
#2	4.710922	49.44495	.1218879	.0141757	2.224796	.4042595	1.697562
#3	4.731464	49.58259	.1209162	.0134167	2.222362	.4046141	1.722099

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.37642	8.390679	.1685955	.0077117	4.298394	9.156886	.0077813
Stddev	.07389	.029280	.0028914	.0004240	.016560	.021622	.0010984
%RSD	.2801203	.3489569	1.715019	5.497752	.3852549	.2361289	14.11525

#1	26.29523	8.387217	.1661843	.0082009	4.308797	9.133853	.0085838
#2	26.43972	8.421536	.1678012	.0074492	4.307087	9.176747	.0082305
#3	26.39430	8.363284	.1718011	.0074852	4.279298	9.160059	.0065295

Sample Name: J4753-17 Acquired: 9/17/2018 14:49:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.025244	.0962028	.4731957
Stddev	.009750	.0014486	.0001467
%RSD	.4814178	1.505730	.0310087

#1	2.014018	.0945467	.4730942
#2	2.030126	.0968271	.4733639
#3	2.031589	.0972345	.4731289

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2530.780	2837.640	58666.36	5996.727	3638.800
Stddev	8.438	2.873	123.63	27.234	2.895
%RSD	.3334014	.1012554	.2107395	.4541529	.0795503

#1	2539.707	2839.620	58759.86	6021.148	3638.899
#2	2529.698	2834.345	58526.18	5967.358	3635.857
#3	2522.936	2838.956	58713.02	6001.675	3641.644

Sample Name: J4753-18 Acquired: 9/17/2018 14:53:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1103407	.0034469	1.426713	-.017091	.0094001	62.51955	1.302664
Stddev	.0058621	.0018970	.004544	.003083	.0001599	.02348	.000383
%RSD	5.312752	55.03529	.3185277	18.04030	1.700536	.0375502	.0294126

#1	.1092510	.0014448	1.426912	-.019974	.0093818	62.50003	1.302729
#2	.1050999	.0036782	1.422072	-.013841	.0095683	62.54560	1.303011
#3	.1166713	.0052175	1.431154	-.017456	.0092502	62.51301	1.302253

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050408	.0399990	126.9234	.1172309	.0622881	.4611913	155.4602
Stddev	.0001011	.0002354	.0705	.0002621	.0003316	.0034993	.5806
%RSD	2.004732	.5885210	.0555336	.2235723	.5323156	.7587586	.3734681

#1	.0049267	.0398076	126.9957	.1174228	.0626710	.4599440	154.8836
#2	.0050765	.0399276	126.8549	.1169323	.0620950	.4651434	156.0447
#3	.0051191	.0402619	126.9195	.1173375	.0620984	.4584865	155.4524

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.235134	37.57101	.0820660	.0048090	2.435343	.3554065	1.342544
Stddev	.003822	.07404	.0001448	.0003821	.236224	.0051626	.013496
%RSD	.0902471	.1970685	.1764059	7.944823	9.699818	1.452590	1.005242

#1	4.234417	37.48564	.0819028	.0048373	2.707583	.3587593	1.328204
#2	4.231721	37.61771	.0821790	.0051762	2.313909	.3494615	1.354998
#3	4.239264	37.60967	.0821162	.0044136	2.284536	.3579989	1.344430

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.53078	12.88721	.1983764	.0113401	11.43281	14.29254	.0051701
Stddev	.02497	.06436	.0023213	.0001221	.03847	.05692	.0010777
%RSD	.1061061	.4994223	1.170149	1.076442	.3365038	.3982731	20.84434

#1	23.55794	12.91110	.1980915	.0112937	11.43697	14.24894	.0040817
#2	23.52557	12.81432	.1962107	.0112479	11.39243	14.35694	.0051918
#3	23.50883	12.93621	.2008270	.0114785	11.46904	14.27175	.0062368

Sample Name: J4753-18 Acquired: 9/17/2018 14:53:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GZ5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.974714	.0697999	.8358661
Stddev	.006326	.0013273	.0005686
%RSD	.3203296	1.901650	.0680231

#1	1.968053	.0689720	.8363551
#2	1.980640	.0690969	.8352422
#3	1.975451	.0713309	.8360009

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2401.173	2695.347	56100.06	5778.704	3668.471
Stddev	10.692	6.841	122.67	14.353	9.990
%RSD	.4452630	.2537949	.2186552	.2483713	.2723150

#1	2393.733	2687.724	56060.58	5764.729	3656.935
#2	2413.425	2697.365	56237.61	5793.406	3674.241
#3	2396.362	2700.951	56002.00	5777.976	3674.235

Sample Name: J4753-19 Acquired: 9/17/2018 14:57:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1794236	.0083956	2.270961	-.019384	.0177671	79.01123	1.710273
Stddev	.0051021	.0015059	.002044	.004007	.0014880	.22665	.006948
%RSD	2.843621	17.93660	.0900137	20.67236	8.375191	.2868541	.4062271

#1	.1745119	.0085936	2.273318	-.015690	.0161808	78.81494	1.703334
#2	.1790621	.0097926	2.269900	-.023644	.0179883	78.95948	1.710257
#3	.1846969	.0068005	2.269665	-.018818	.0191321	79.25928	1.717229

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070438	.0631721	155.7455	.1443134	.0887959	1.813038	177.0859
Stddev	.0000381	.0003916	.5666	.0002337	.0003500	.005327	.6841
%RSD	.5414754	.6198955	.3638006	.1619188	.3941771	.2938252	.3862816

#1	.0070150	.0630718	155.2422	.1440675	.0891519	1.809715	176.5872
#2	.0070293	.0628404	155.6352	.1445325	.0887836	1.810218	176.8048
#3	.0070870	.0636041	156.3591	.1443403	.0884522	1.819183	177.8657

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.555172	55.32545	.1440027	.0128484	1.370042	.3563842	2.076729
Stddev	.006642	.45980	.0005041	.0006375	.250994	.0076040	.009081
%RSD	.1195611	.8310847	.3500449	4.961810	18.32014	2.133656	.4372917

#1	5.558169	54.98059	.1435216	.0126069	1.104759	.3532865	2.085085
#2	5.547560	55.14828	.1439595	.0135713	1.603760	.3508179	2.078038
#3	5.559787	55.84748	.1445270	.0123669	1.401608	.3650481	2.067064

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.05713	10.20201	.1593241	.0127783	5.757887	11.08194	.0160656
Stddev	.10166	.03158	.0038135	.0003203	.003744	.05295	.0007596
%RSD	.3623328	.3095453	2.393551	2.506827	.0650197	.4777599	4.728099

#1	28.09318	10.22759	.1597192	.0130760	5.759065	11.05608	.0151889
#2	28.13586	10.21172	.1553284	.0124394	5.753696	11.14285	.0165266
#3	27.94236	10.16671	.1629246	.0128195	5.760900	11.04690	.0164812

Sample Name: J4753-19 Acquired: 9/17/2018 14:57:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.666623	.1063513	.4325295
Stddev	.002436	.0019414	.0005820
%RSD	.1461720	1.825508	.1345620

#1	1.664281	.1085046	.4328394
#2	1.666445	.1058150	.4328910
#3	1.669143	.1047344	.4318581

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.919	2756.452	57362.60	5907.292	3598.576
Stddev	2.869	2.878	101.01	10.451	4.528
%RSD	.1166631	.1043990	.1760915	.1769156	.1258165

#1	2459.894	2758.744	57420.93	5901.814	3594.607
#2	2461.173	2757.389	57420.90	5900.719	3603.508
#3	2455.690	2753.222	57245.96	5919.343	3597.614

Sample Name: J4753-20 Acquired: 9/17/2018 15:01:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1711804	.0052032	1.380936	-.021826	.0100323	92.36727	1.281236
Stddev	.0033814	.0016142	.002809	.001120	.0026073	.25957	.003454
%RSD	1.975340	31.02389	.2034268	5.129702	25.98899	.2810177	.2695470

#1	.1706175	.0062040	1.384158	-.022525	.0110357	92.08118	1.280110
#2	.1748080	.0033410	1.379655	-.020534	.0070723	92.43292	1.285112
#3	.1681158	.0060647	1.378996	-.022418	.0119887	92.58771	1.278486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069511	.0347983	133.0573	.1230384	.0830346	.5046795	195.4812
Stddev	.0001231	.0000411	.4419	.0004977	.0003247	.0063044	.9343
%RSD	1.770842	.1181372	.3321338	.4045419	.3910680	1.249193	.4779545

#1	.0070512	.0348148	132.9712	.1236083	.0831900	.5035397	194.7861
#2	.0069884	.0348287	133.5359	.1228181	.0832525	.5114760	195.1142
#3	.0068136	.0347515	132.6647	.1226888	.0826614	.4990227	196.5433

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.937543	48.53784	.1157443	.0037253	1.989584	.4412214	1.483195
Stddev	.028352	.31818	.0003919	.0004778	.103552	.0095878	.021252
%RSD	.5742078	.6555380	.3385947	12.82598	5.204723	2.173010	1.432826

#1	4.934175	48.27567	.1153400	.0033786	2.107406	.4403149	1.464923
#2	4.967429	48.44600	.1157704	.0035270	1.948324	.4321190	1.478146
#3	4.911026	48.89184	.1161225	.0042703	1.913022	.4512302	1.506517

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.85685	10.82263	.1586617	.0071748	3.605162	8.321941	.0034604
Stddev	.00735	.03129	.0032318	.0002725	.007633	.013265	.0005930
%RSD	.0238287	.2890834	2.036914	3.798699	.2117248	.1594030	17.13642

#1	30.86441	10.85803	.1594538	.0072186	3.610725	8.336561	.0029013
#2	30.84972	10.79871	.1551075	.0068829	3.608302	8.310674	.0033976
#3	30.85643	10.81115	.1614238	.0074227	3.596460	8.318589	.0040822

Sample Name: J4753-20 Acquired: 9/17/2018 15:01:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.145110	.1217357	.3949448
Stddev	.006738	.0008118	.0022632
%RSD	.3140999	.6668535	.5730508

#1	2.137601	.1209784	.3947501
#2	2.150628	.1225928	.3972990
#3	2.147101	.1216360	.3927851

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.080	2772.356	57273.57	5927.209	3613.269
Stddev	6.389	4.368	160.25	14.080	2.764
%RSD	.2599366	.1575544	.2797912	.2375497	.0764989

#1	2461.937	2776.850	57438.50	5941.722	3610.267
#2	2461.598	2768.126	57263.77	5926.300	3615.709
#3	2450.705	2772.094	57118.45	5913.605	3613.830

Sample Name: CCV024 Acquired: 9/17/2018 15:05:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.100928	5.129436	25.71135	4.981722	5.137477	415.8409
Stddev	.004479	.014912	.04285	.008539	.009741	2.3713
%RSD	.0878050	.2907124	.1666483	.1714124	.1896043	.5702492

#1	5.096218	5.112807	25.67621	4.987970	5.126302	413.1127
#2	5.101434	5.133883	25.69875	4.985205	5.144165	417.0021
#3	5.105133	5.141619	25.75908	4.971992	5.141966	417.4078

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.55819	.5228144	2.565925	413.8769	15.58740	2.605413
Stddev	.03829	.0050634	.003544	1.3846	.01665	.004020
%RSD	.3626546	.9684892	.1381077	.3345506	.1068224	.1542984

#1	10.51832	.5173326	2.562408	412.3301	15.56873	2.601892
#2	10.59467	.5237944	2.565873	415.0007	15.60071	2.604553
#3	10.56158	.5273162	2.569495	414.2999	15.59278	2.609793

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.79070	422.6760	15.40655	418.4956	2.570309	1.301905
Stddev	.07903	2.6615	.04794	3.0543	.002341	.001770
%RSD	.5004876	.6296759	.3111894	.7298229	.0910866	.1359497

#1	15.70912	420.1264	15.38970	415.0791	2.567607	1.300701
#2	15.86691	422.4647	15.46064	419.4463	2.571576	1.303937
#3	15.79608	425.4368	15.36930	420.9615	2.571744	1.301076

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	415.2343	2.639226	15.53313	160.9885	F 5.793698	5.386748
Stddev	2.1443	.021315	.08326	.9679	.026225	.046521
%RSD	.5164021	.8076269	.5360355	.6012355	.4526490	.8636185

#1	412.7625	2.627431	15.61880	159.8760	5.769401	5.339996
#2	416.3463	2.626415	15.52809	161.6380	5.790194	5.387214
#3	416.5942	2.663831	15.45251	161.4514	5.821499	5.433035

Sample Name: CCV024 Acquired: 9/17/2018 15:05:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.077258	5.389699	5.206848	5.225946	5.253830	5.323006
Stddev	.004282	.005125	.044953	.020221	.028605	.023750
%RSD	.0843435	.0950880	.8633426	.3869414	.5444593	.4461717

#1	5.078905	5.395106	5.158532	5.211315	5.222533	5.295781
#2	5.072397	5.389077	5.214576	5.217503	5.260335	5.333761
#3	5.080472	5.384913	5.247436	5.249021	5.278623	5.339475

Elem	Sr4077
Units	ppm
Avg	5.265599
Stddev	.009531
%RSD	.1809973

#1	5.269182
#2	5.272818
#3	5.254796

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1997.930	2164.444	48563.47	4956.102	3027.738
Stddev	6.393	4.027	7.73	39.646	4.170
%RSD	.3200062	.1860712	.0159173	.7999518	.1377336

#1	1990.970	2163.847	48564.68	4998.052	3032.554
#2	2003.542	2160.749	48570.52	4951.000	3025.302
#3	1999.277	2168.737	48555.20	4919.253	3025.359

Sample Name: CCB024 Acquired: 9/17/2018 15:09:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001227	-.000275	-.000631	.0004491	-.000522	.0109089	-.001062
Stddev	.002356	.000220	.001481	.0015899	.001412	.0102148	.001222
%RSD	191.9965	79.96661	234.5083	354.0501	270.6914	93.63683	115.0269

#1	-.000791	-.000401	.000903	.0010307	-.001619	.0186407	-.000052
#2	.000880	-.000021	-.002052	.0016663	.001071	.0147570	-.002420
#3	-.003771	-.000402	-.000746	-.001350	-.001016	-.000671	-.000715

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001161	.0000643	.0102425	.0003263	.0002934	.0026167	-.008115
Stddev	.0000543	.0000367	.0088718	.0003105	.0002748	.0013411	.006617
%RSD	46.75011	57.13687	86.61772	95.17266	93.66171	51.25223	81.54297

#1	.0001288	.0000258	.0142174	.0002774	-.000023	.0036078	-.003165
#2	.0000566	.0000989	.0000783	.0000431	.000430	.0031515	-.015632
#3	.0001629	.0000681	.0164318	.0006583	.000473	.0010907	-.005549

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000871	.1002668	-.000155	-.000423	-.065042	-.007001	.0019163
Stddev	.0011792	.0693979	.000097	.000304	.091835	.009338	.0112866
%RSD	1354.117	69.21325	62.43558	71.76906	141.1945	133.3835	588.9740

#1	-.000100	.1803142	-.000068	-.000095	-.142690	-.017473	-.001153
#2	.001349	.0570210	-.000138	-.000694	.036326	.000464	.014420
#3	-.000987	.0634653	-.000260	-.000481	-.088761	-.003995	-.007518

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021984	-.003797	.0092217	.0001203	-.004988	.0006920	-.001117
Stddev	.0461580	.002388	.0014796	.0002908	.002814	.0008252	.000341
%RSD	2099.640	62.89486	16.04441	241.7511	56.41842	119.2489	30.53979

#1	-.039194	-.001725	.0107327	.0003232	-.006861	.0003119	-.000726
#2	-.006183	-.003257	.0077757	.0002506	-.001752	.0016387	-.001356
#3	.051973	-.006409	.0091567	-.000213	-.006352	.0001253	-.001269

Sample Name: CCB024 Acquired: 9/17/2018 15:09:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000456	.0044302	.0000642
Stddev	.001495	.0013070	.0000351
%RSD	328.1343	29.50188	54.61419

#1	.001255	.0057997	.0000374
#2	-.001109	.0042946	.0000513
#3	-.001513	.0031963	.0001039

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2239.814	2552.603	50954.32	5175.777	3818.633
Stddev	9.176	3.123	54.56	11.619	3.031
%RSD	.4096639	.1223397	.1070774	.2244879	.0793637

#1	2248.854	2550.163	50891.32	5186.370	3821.464
#2	2240.080	2556.123	50985.67	5163.350	3819.001
#3	2230.508	2551.524	50985.97	5177.610	3815.436

Sample Name: J4753-21 Acquired: 9/17/2018 15:13:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1306390	.0026126	1.912911	-.019136	.0110785	90.55100	1.330229
Stddev	.0070114	.0009364	.005955	.002232	.0007653	.30898	.004949
%RSD	5.367044	35.84297	.3113225	11.66523	6.908146	.3412275	.3720563

#1	.1386763	.0033531	1.912249	-.021620	.0116700	90.54490	1.331767
#2	.1274640	.0029247	1.907314	-.018491	.0102141	90.24511	1.324693
#3	.1257767	.0015600	1.919169	-.017297	.0113513	90.86298	1.334227

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067605	.0524463	157.2988	.1276194	.0731745	.7185363	165.0800
Stddev	.0000574	.0001637	.7026	.0007900	.0002717	.0036598	.4453
%RSD	.8491430	.3120632	.4466649	.6190398	.3712624	.5093350	.2697724

#1	.0068265	.0523373	157.1238	.1284077	.0734320	.7190740	164.5853
#2	.0067331	.0523670	156.7002	.1276229	.0728906	.7146374	165.4489
#3	.0067219	.0526345	158.0724	.1268276	.0732009	.7218975	165.2056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.794116	52.74177	.1183313	.0092125	1.601453	.3285779	1.513521
Stddev	.024619	.15110	.0001738	.0005238	.213892	.0011507	.018316
%RSD	.5135312	.2864819	.1468777	5.686260	13.35609	.3502164	1.210172

#1	4.768224	52.61089	.1181435	.0089178	1.390896	.3296359	1.505392
#2	4.796898	52.70729	.1184865	.0098173	1.818530	.3273527	1.534495
#3	4.817226	52.90713	.1183638	.0089023	1.594934	.3287450	1.500677

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.11296	9.807886	.1646376	.0092122	5.289969	21.40322	.0082962
Stddev	.14202	.004114	.0017948	.0000856	.001803	.07871	.0006459
%RSD	.4716095	.0419498	1.090169	.9291300	.0340872	.3677654	7.785137

#1	30.16920	9.805555	.1626296	.0091405	5.288084	21.49282	.0083432
#2	29.95144	9.812636	.1651974	.0093070	5.290148	21.34521	.0089174
#3	30.21824	9.805466	.1660859	.0091892	5.291677	21.37163	.0076282

Sample Name: J4753-21 Acquired: 9/17/2018 15:13:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.788115	.1050010	.4918728
Stddev	.010844	.0007359	.0029252
%RSD	.3889474	.7008926	.5947006

#1	2.782257	.1058196	.4908629
#2	2.781460	.1043942	.4895865
#3	2.800629	.1047891	.4951692

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2480.366	2802.672	57984.83	5998.242	3615.830
Stddev	3.446	5.384	261.51	25.429	2.352
%RSD	.1389435	.1920945	.4509888	.4239469	.0650568

#1	2477.486	2797.454	57976.61	5982.601	3615.676
#2	2484.185	2802.354	58250.35	6027.583	3613.558
#3	2479.429	2808.208	57727.53	5984.540	3618.255

Sample Name: J4753-22 Acquired: 9/17/2018 15:17:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1429966	.0043113	1.983111	-.016830	.0130458	81.65820
Stddev	.0015698	.0023090	.003056	.005144	.0019325	.34676
%RSD	1.097786	53.55698	.1540861	30.56327	14.81356	.4246536

#1	.1441262	.0016480	1.984861	-.014541	.0114250	82.05546
#2	.1436594	.0057510	1.979583	-.022722	.0125278	81.50297
#3	.1412041	.0055349	1.984890	-.013228	.0151845	81.41617

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.483404	.0064029	.0704874	F 517.4700	.1530874	.0753246
Stddev	.006845	.0000766	.0002764	1.7149	.0006034	.0001646
%RSD	.4614462	1.196945	.3920590	.3313981	.3941285	.2184938

#1	1.491299	.0064751	.0701818	519.4494	.1523984	.0752807
#2	1.479137	.0064110	.0705606	516.4347	.1535215	.0751863
#3	1.479776	.0063225	.0707198	516.5257	.1533423	.0755066

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.184048	157.6176	5.084585	258.8998	.1318122	.0136084
Stddev	.009231	.4581	.010392	.8535	.0012778	.0002376
%RSD	.7795817	.2906706	.2043849	.3296689	.9694282	1.746225

#1	1.183885	158.1466	5.095226	259.8602	.1319140	.0133806
#2	1.174901	157.3512	5.084067	258.2278	.1304865	.0135898
#3	1.193360	157.3549	5.074461	258.6116	.1330360	.0138548

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.405946	.2959305	2.171343	28.50314	12.36832	.1565208
Stddev	.159973	.0075705	.043678	.17606	.01853	.0022206
%RSD	6.649075	2.558210	2.011547	.6176755	.1498179	1.418711

#1	2.411692	.2874651	2.173662	28.69737	12.36512	.1577915
#2	2.243177	.2982746	2.126553	28.35404	12.35159	.1578141
#3	2.562968	.3020516	2.213816	28.45801	12.38824	.1539567

Sample Name: J4753-22 Acquired: 9/17/2018 15:17:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H00 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077197	6.094064	10.37417	.0230075	1.912089	.1070958
Stddev	.0004079	.052489	.04687	.0017299	.015445	.0009940
%RSD	5.284243	.8613187	.4518102	7.518881	.8077429	.9281286

#1	.0074480	6.042777	10.41069	.0221334	1.928716	.1076673
#2	.0075223	6.091736	10.32132	.0250000	1.898189	.1059481
#3	.0081888	6.147678	10.39050	.0218890	1.909363	.1076721

Elem	Sr4077
Units	ppm
Avg	.4954963
Stddev	.0025627
%RSD	.5172046

#1	.4983943
#2	.4935291
#3	.4945654

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2363.381	2631.796	56165.73	5764.082	3279.213
Stddev	10.102	7.029	165.46	15.867	4.113
%RSD	.4274327	.2670905	.2946007	.2752733	.1254308

#1	2373.356	2623.681	56279.87	5745.826	3276.626
#2	2363.630	2635.952	55975.96	5771.869	3283.956
#3	2353.157	2635.757	56241.35	5774.551	3277.057

Sample Name: J4755-08 Acquired: 9/17/2018 15:21:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H15S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4582709	.1154049	7.811714	.0607517	.2000778	126.1745	5.635479
Stddev	.0049049	.0020863	.011066	.0004878	.0017524	.2619	.018704
%RSD	1.070305	1.807842	.1416627	.8029418	.8758402	.2075539	.3318947

#1	.4638925	.1131947	7.801723	.0602176	.2001438	125.8730	5.613918
#2	.4560570	.1173401	7.809809	.0608638	.1982933	126.3447	5.647338
#3	.4548632	.1156798	7.823609	.0611738	.2017962	126.3060	5.645182

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0934158	.3056924	87.07263	.5339770	1.156256	1.798767	230.2528
Stddev	.0004490	.0003946	.29522	.0008110	.004989	.011601	1.0997
%RSD	.4806029	.1290938	.3390462	.1518835	.4314843	.6449455	.4776122

#1	.0931944	.3054506	86.82988	.5345120	1.150965	1.786559	229.0266
#2	.0931205	.3054788	86.98675	.5330439	1.156929	1.809647	231.1518
#3	.0939324	.3061478	87.40127	.5343752	1.160874	1.800095	230.5800

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.535946	52.08594	1.185172	.1139866	1.573816	1.407854	3.883876
Stddev	.016585	.11764	.006413	.0007611	.173428	.010063	.020149
%RSD	.2200750	.2258516	.5411296	.6676783	11.01959	.7147761	.5187901

#1	7.554123	51.98278	1.178464	.1142504	1.690998	1.401641	3.904761
#2	7.521638	52.21405	1.185808	.1145807	1.374588	1.419464	3.864554
#3	7.532077	52.06100	1.191243	.1131287	1.655860	1.402457	3.882314

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.77767	15.93071	.2196134	.0111316	6.266291	15.98706	.0230458
Stddev	.10378	.03573	.0053543	.0003919	.005830	.07330	.0001828
%RSD	.2267017	.2242899	2.438065	3.520203	.0930404	.4584976	.7933842

#1	45.65785	15.89424	.2202931	.0115288	6.265080	15.98754	.0232204
#2	45.83602	15.93224	.2245954	.0111207	6.261162	15.91352	.0230611
#3	45.83914	15.96565	.2139517	.0107453	6.272632	16.06012	.0228557

Sample Name: J4755-08 Acquired: 9/17/2018 15:21:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H15S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.089057	.1308191	.4741088
Stddev	.009753	.0008236	.0006664
%RSD	.2385182	.6296115	.1405646

#1	4.078657	.1298916	.4739331
#2	4.097999	.1314650	.4735477
#3	4.090516	.1311008	.4748454

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2564.945	2876.098	60001.38	6163.027	3587.666
Stddev	15.160	2.028	310.38	11.237	5.481
%RSD	.5910467	.0705185	.5172947	.1823308	.1527599

#1	2550.778	2873.957	59789.53	6151.539	3582.172
#2	2563.124	2876.346	59856.95	6173.995	3587.694
#3	2580.934	2877.991	60357.66	6163.547	3593.133

Sample Name: J4886-03 Acquired: 9/17/2018 15:25:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH2TS2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1474251	.1029302	.1118346	.0677225	.1842929	82.05956	4.832924
Stddev	.0026918	.0020341	.0023476	.0024421	.0028902	.16578	.018736
%RSD	1.825894	1.976204	2.099159	3.606101	1.568247	.2020272	.3876820

#1	.1480652	.1007866	.1092039	.0656690	.1861985	82.07990	4.853849
#2	.1497392	.1048335	.1137164	.0704230	.1857127	82.21423	4.817701
#3	.1444709	.1031704	.1125833	.0670756	.1809674	81.88455	4.827221

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0996496	.0996416	11.21221	.4751768	1.114542	.6668825	192.9350
Stddev	.0003588	.0003105	.05421	.0004667	.000501	.0057257	1.5332
%RSD	.3600796	.3115859	.4834541	.0982273	.0449862	.8585722	.7946692

#1	.1000018	.0999990	11.22339	.4756234	1.115102	.6725776	192.8027
#2	.0992845	.0994869	11.15328	.4752149	1.114387	.6669431	194.5301
#3	.0996625	.0994388	11.25995	.4746922	1.114136	.6611267	191.4722

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.051593	45.84429	1.161364	.0868180	.3999377	1.106905	1.146746
Stddev	.007815	.31326	.001964	.0004202	.2398477	.003979	.016993
%RSD	.1928910	.6833042	.1690939	.4839665	59.97127	.3594782	1.481859

#1	4.060410	45.70959	1.162713	.0872805	.1425854	1.109369	1.134897
#2	4.045521	46.20236	1.162267	.0867134	.6172383	1.109032	1.166216
#3	4.048847	45.62091	1.159111	.0864599	.4399895	1.102315	1.139125

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.974216	3.116529	.1361352	.0014573	.1239078	5.566328	-.000358
Stddev	.018123	.003672	.0064351	.0001827	.0029284	.015291	.000454
%RSD	.2598532	.1178315	4.726986	12.53928	2.363393	.2746985	126.8789

#1	6.975285	3.120746	.1301409	.0016355	.1209327	5.583823	.000141
#2	6.991780	3.114803	.1429352	.0014660	.1240036	5.559645	-.000466
#3	6.955582	3.114038	.1353295	.0012704	.1267872	5.555517	-.000748

Sample Name: J4886-03 Acquired: 9/17/2018 15:25:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH2TS2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.157697	.1291446	.0570987
Stddev	.005099	.0005289	.0002556
%RSD	.4404419	.4095437	.4475680

#1	1.151868	.1294960	.0573937
#2	1.161334	.1285363	.0569482
#3	1.159888	.1294015	.0569541

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2432.667	2735.414	55980.58	5691.954	3725.936
Stddev	3.137	1.483	47.50	9.285	5.472
%RSD	.1289686	.0542147	.0848443	.1631303	.1468725

#1	2432.159	2736.633	55963.81	5682.498	3725.997
#2	2429.815	2735.846	55943.74	5692.305	3731.377
#3	2436.028	2733.763	56034.18	5701.059	3720.433

Sample Name: J4755-06A Acquired: 9/17/2018 16:08:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H15A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4059241	.0113762	7.983584	.0443803	.0257893	126.2663	1.906690
Stddev	.0030620	.0008074	.003303	.0067253	.0019173	.6926	.002028
%RSD	.7543344	7.097130	.0413757	15.15386	7.434594	.5485069	.1063539

#1	.4094193	.0104902	7.979985	.0418373	.0245521	125.4812	1.904358
#2	.4037138	.0115680	7.984290	.0520064	.0279979	126.7905	1.907669
#3	.4046393	.0120704	7.986477	.0392974	.0248178	126.5272	1.908042

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086751	.2089344	89.42763	.1775906	.1071204	1.367061	233.4122
Stddev	.0001008	.0004905	.21976	.0003617	.0004125	.012628	1.9017
%RSD	1.162309	.2347426	.2457380	.2036815	.3850989	.9237385	.8147273

#1	.0085587	.2090971	89.67284	.1779759	.1067810	1.355899	231.3754
#2	.0087351	.2083832	89.24850	.1775375	.1075796	1.364516	235.1412
#3	.0087316	.2093228	89.36153	.1772583	.1070008	1.380767	233.7199

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.804788	53.05933	.1442308	.0304491	1.604589	.4753671	3.067479
Stddev	.040099	.45268	.0005254	.0001760	.174748	.0057465	.033125
%RSD	.5892701	.8531638	.3642671	.5780853	10.89051	1.208849	1.079865

#1	6.842815	52.55702	.1447941	.0302631	1.631240	.4693645	3.029318
#2	6.808651	53.43573	.1437541	.0306130	1.764480	.4808175	3.088816
#3	6.762898	53.18524	.1441441	.0304714	1.418046	.4759194	3.084301

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.01159	16.50546	.2107646	.0116327	6.430073	17.12481	.0242671
Stddev	.25483	.02986	.0090266	.0001355	.021998	.06540	.0003322
%RSD	.5420665	.1809139	4.282785	1.165217	.3421130	.3819292	1.368916

#1	46.73305	16.48569	.2008343	.0116363	6.429447	17.12688	.0240870
#2	47.23303	16.49088	.2184724	.0117663	6.408395	17.18915	.0246505
#3	47.06869	16.53981	.2129870	.0114953	6.452378	17.05839	.0240639

Sample Name: J4755-06A Acquired: 9/17/2018 16:08:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H15A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.247557	.1325499	.4849570
Stddev	.031875	.0010975	.0021259
%RSD	.7504284	.8279774	.4383601

#1	4.213267	.1313331	.4866647
#2	4.276284	.1334650	.4856303
#3	4.253120	.1328515	.4825761

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2526.470	2850.273	59287.06	6093.308	3533.324
Stddev	12.096	6.807	68.90	31.366	4.426
%RSD	.4787528	.2388266	.1162181	.5147674	.1252753

#1	2538.802	2842.640	59311.14	6084.195	3530.906
#2	2514.625	2852.467	59340.69	6067.508	3538.432
#3	2525.984	2855.713	59209.35	6128.222	3530.633

Sample Name: J4753-12A Acquired: 9/17/2018 16:12:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0GZ0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2307178	.0069813	4.158712	.0616678	.0147475	85.11444	1.333906
Stddev	.0050216	.0026958	.012470	.0031853	.0025284	.25839	.001541
%RSD	2.176507	38.61474	.2998552	5.165184	17.14452	.3035853	.1155085

#1	.2363763	.0068252	4.161905	.0653331	.0167248	84.81806	1.334220
#2	.2289853	.0043669	4.144956	.0601003	.0156190	85.23287	1.335266
#3	.2267919	.0097517	4.169275	.0595701	.0118986	85.29240	1.332233

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069943	.1086898	147.8967	.1268142	.0779914	.6391553	175.9744
Stddev	.0001192	.0005115	.1935	.0001487	.0005204	.0067380	.7981
%RSD	1.704153	.4705780	.1308223	.1172821	.6672028	1.054207	.4535090

#1	.0068568	.1081981	148.1132	.1267657	.0776191	.6350022	175.1664
#2	.0070683	.1086521	147.7406	.1266957	.0777692	.6355341	176.7621
#3	.0070578	.1092190	147.8363	.1269811	.0785860	.6469297	175.9947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.158561	45.39955	.1172461	.0156442	2.249520	.3688686	1.714497
Stddev	.004315	.45157	.0009945	.0002172	.051884	.0025567	.000978
%RSD	.0836425	.9946636	.8482171	1.388257	2.306432	.6931247	.0570471

#1	5.161611	44.88081	.1163154	.0158237	2.201509	.3718149	1.714320
#2	5.160448	45.70472	.1171288	.0154027	2.242491	.3672335	1.713620
#3	5.153625	45.61312	.1182940	.0157061	2.304560	.3675574	1.715552

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.76128	8.362771	.1561288	.0096390	5.994016	15.58358	.0086679
Stddev	.04377	.024547	.0030701	.0002736	.033276	.08886	.0016515
%RSD	.1699092	.2935219	1.966364	2.838657	.5551479	.5702148	19.05319

#1	25.71076	8.389484	.1570344	.0097740	5.955653	15.49583	.0068853
#2	25.78526	8.341208	.1586442	.0093241	6.011327	15.58140	.0089722
#3	25.78783	8.357621	.1527078	.0098188	6.015068	15.67351	.0101460

Sample Name: J4753-12A Acquired: 9/17/2018 16:12:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0GZ0A Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.179983	.0955535	.6791458
Stddev	.013162	.0014725	.0018309
%RSD	.6037877	1.540986	.2695819

#1	2.164995	.0972498	.6779155
#2	2.185293	.0948055	.6812498
#3	2.189662	.0946052	.6782721

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2452.606	2758.327	57268.22	5890.633	3569.633
Stddev	16.548	2.060	255.66	18.881	4.969
%RSD	.6747295	.0746883	.4464329	.3205249	.1391916

#1	2434.087	2757.189	57213.33	5901.598	3568.693
#2	2465.945	2757.086	57546.87	5901.469	3575.005
#3	2457.785	2760.705	57044.46	5868.831	3565.202

Sample Name: J4886-01A Acquired: 9/17/2018 16:16:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH2TS2A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0787688	.0033108	.0766657	.0544636	.0055085	79.89549	.8695573
Stddev	.0038290	.0009233	.0007710	.0027568	.0014062	.15676	.0017111
%RSD	4.861058	27.88629	1.005676	5.061819	25.52832	.1962083	.1967754

#1	.0770521	.0033443	.0774256	.0553198	.0069507	80.00614	.8700741
#2	.0760985	.0042169	.0758840	.0566907	.0054334	79.96423	.8709503
#3	.0831557	.0023713	.0766876	.0513802	.0041413	79.71610	.8676474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075964	-.000297	11.50382	.0875062	.0891030	.1746695	193.9347
Stddev	.0001392	.000137	.02061	.0004040	.0003511	.0035269	1.0990
%RSD	1.832368	46.09433	.1791460	.4616490	.3940403	2.019170	.5666863

#1	.0077227	-.000273	11.48088	.0876878	.0891062	.1706142	195.0959
#2	.0076194	-.000443	11.52077	.0870433	.0894525	.1763734	193.7973
#3	.0074472	-.000173	11.50982	.0877876	.0887503	.1770210	192.9108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.127485	46.53810	.1416811	-.001454	.5455611	.1056879	.2176986
Stddev	.009982	.18361	.0004730	.000216	.1753785	.0056297	.0046058
%RSD	.3191725	.3945349	.3338611	14.83803	32.14644	5.326682	2.115696

#1	3.130070	46.74516	.1420592	-.001370	.7427481	.1051492	.2228869
#2	3.135920	46.39511	.1411507	-.001294	.4070228	.1115675	.2140919
#3	3.116464	46.47404	.1418334	-.001699	.4869125	.1003469	.2161172

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.110975	3.247145	.1308808	.0016880	.1253895	6.109689	.0001975
Stddev	.049498	.015440	.0011835	.0001087	.0043951	.043977	.0010236
%RSD	.6960793	.4754990	.9042654	6.436233	3.505194	.7197912	518.2659

#1	7.159038	3.264161	.1305824	.0016324	.1253243	6.147699	.0012276
#2	7.113730	3.234027	.1298750	.0016185	.1210273	6.119847	.0001845
#3	7.060157	3.243247	.1321850	.0018132	.1298168	6.061522	-.000820

Sample Name: J4886-01A Acquired: 9/17/2018 16:16:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH2TS2A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.196249	.1298970	.0578722
Stddev	.003673	.0019657	.0002622
%RSD	.3070487	1.513284	.4530081

#1	1.196984	.1298314	.0578527
#2	1.199499	.1279649	.0581436
#3	1.192265	.1318947	.0576204

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2412.917	2716.152	55843.43	5700.055	3687.496
Stddev	9.143	3.180	151.40	34.856	2.704
%RSD	.3789234	.1170852	.2711230	.6115069	.0733377

#1	2412.465	2717.510	55808.91	5661.147	3690.133
#2	2422.277	2712.518	55712.27	5710.589	3684.729
#3	2404.008	2718.428	56009.12	5728.429	3687.626

Sample Name: J4755-06LX5 Acquired: 9/17/2018 16:20:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MH0H15L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0975889	.0025299	1.644838	-.005613	.0063376	27.79835	.4265506
Stddev	.0052538	.0016100	.001551	.003023	.0009130	.10416	.0007194
%RSD	5.383633	63.63682	.0942846	53.85017	14.40603	.3746925	.1686513

#1	.0915239	.0007182	1.643843	-.008895	.0063568	27.67829	.4260002
#2	.1005017	.0037968	1.644047	-.005001	.0072409	27.85225	.4273646
#3	.1007412	.0030748	1.646625	-.002943	.0054152	27.86451	.4262870

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021340	.0431282	20.75939	.0408678	.0211348	.3248552	54.12940
Stddev	.0000438	.0001728	.01973	.0002623	.0001619	.0025021	.34966
%RSD	2.050088	.4006132	.0950568	.6417966	.7659256	.7702184	.6459651

#1	.0020851	.0429540	20.74988	.0406761	.0212389	.3222570	53.73269
#2	.0021694	.0431311	20.78208	.0407605	.0212173	.3272486	54.26275
#3	.0021476	.0432996	20.74621	.0411667	.0209483	.3250599	54.39276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.580166	12.26292	.0283563	.0068989	.1505909	.1010288	.7084684
Stddev	.003666	.17617	.0003582	.0001683	.1807099	.0038139	.0086949
%RSD	.2319706	1.436576	1.263040	2.438835	120.0006	3.775024	1.227278

#1	1.583508	12.06635	.0279504	.0067085	.0285050	.0984812	.7020665
#2	1.576246	12.31585	.0284905	.0069608	.3581854	.0991917	.7183673
#3	1.580745	12.40655	.0286279	.0070274	.0650824	.1054135	.7049713

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.44682	3.380664	.0517052	.0025690	1.321594	1.839841	.0026420
Stddev	.03611	.004730	.0012292	.0000810	.002628	.015330	.0007774
%RSD	.3456969	.1399280	2.377336	3.151280	.1988496	.8332223	29.42639

#1	10.40521	3.381497	.0507910	.0024772	1.324601	1.855570	.0018137
#2	10.46520	3.375572	.0512219	.0025998	1.320448	1.839007	.0027564
#3	10.47005	3.384923	.0531026	.0026300	1.319735	1.824944	.0033558

Sample Name: J4755-06LX5 Acquired: 9/17/2018 16:20:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MH0H15L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7640396	.0291554	.1106028
Stddev	.0030486	.0004603	.0001099
%RSD	.3990114	1.578649	.0994024

#1	.7611627	.0290486	.1104794
#2	.7672349	.0296596	.1106386
#3	.7637212	.0287579	.1106903

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2303.303	2610.760	53051.96	5426.778	3755.211
Stddev	1.928	4.839	101.94	33.130	4.814
%RSD	.0837168	.1853624	.1921427	.6104869	.1281866

#1	2303.842	2605.173	53156.72	5389.241	3750.148
#2	2304.904	2613.642	53046.05	5439.156	3759.729
#3	2301.162	2613.464	52953.10	5451.936	3755.756

Sample Name: CCV025 Acquired: 9/17/2018 16:24:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.107793	5.179642	25.89429	5.032130	5.187988	414.1186
Stddev	.016276	.024556	.05631	.021091	.009879	1.0142
%RSD	.3186526	.4740835	.2174538	.4191246	.1904202	.2448997

#1	5.092676	5.151321	25.83549	5.019819	5.185373	414.8388
#2	5.105683	5.192596	25.94771	5.020088	5.179680	412.9588
#3	5.125022	5.195008	25.89967	5.056483	5.198911	414.5583

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.67275	.5109757	2.593522	417.5455	15.70627	2.642462
Stddev	.01809	.0037404	.009216	1.3289	.01942	.007916
%RSD	.1695201	.7320194	.3553591	.3182743	.1236163	.2995643

#1	10.69203	.5116881	2.584179	417.9181	15.70272	2.634699
#2	10.65614	.5069302	2.602606	416.0701	15.72721	2.650522
#3	10.67009	.5143087	2.593780	418.6484	15.68887	2.642164

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.79596	414.4025	15.49502	409.1261	2.605117	1.334470
Stddev	.05394	1.4749	.09346	1.8731	.009469	.003905
%RSD	.3414699	.3559162	.6031855	.4578259	.3634650	.2926490

#1	15.85577	416.1020	15.51177	411.2296	2.595966	1.338505
#2	15.75101	413.6493	15.39431	407.6386	2.614874	1.334198
#3	15.78110	413.4563	15.57897	408.5101	2.604511	1.330708

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	413.3641	2.617701	15.75523	160.7169	F 5.910459	5.254069
Stddev	1.3096	.004421	.12719	.4227	.031843	.038683
%RSD	.3168113	.1689003	.8073032	.2629913	.5387505	.7362574

#1	414.3025	2.615902	15.63634	160.9931	5.880132	5.267451
#2	411.8680	2.622739	15.88936	160.2304	5.907619	5.210471
#3	413.9217	2.614463	15.74000	160.9273	5.943627	5.284284

Sample Name: CCV025 Acquired: 9/17/2018 16:24:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV025 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.102957	5.454641	5.097638	5.265120	5.219788	5.370826
Stddev	.007131	.024352	.042097	.021411	.015488	.013377
%RSD	.1397333	.4464421	.8258174	.4066522	.2967209	.2490694

#1	5.095555	5.426590	5.100224	5.240509	5.235759	5.383028
#2	5.103534	5.466975	5.054308	5.275386	5.204832	5.356522
#3	5.109781	5.470358	5.138383	5.279464	5.218772	5.372928

Elem	Sr4077
Units	ppm
Avg	5.277209
Stddev	.018067
%RSD	.3423532

#1	5.283495
#2	5.256839
#3	5.291293

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1956.567	2147.756	47784.40	4972.766	2987.144
Stddev	2.905	2.245	61.44	35.980	5.469
%RSD	.1484686	.1045281	.1285826	.7235376	.1830831

#1	1958.940	2146.668	47717.87	4952.154	2991.907
#2	1957.434	2150.337	47796.34	5014.311	2981.171
#3	1953.328	2146.261	47839.00	4951.833	2988.354

Sample Name: CCB025 Acquired: 9/17/2018 16:28:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001464	-.000812	.0002031	.0022470	.0002170	-.013327	-.000120
Stddev	.001305	.000751	.0014828	.0014074	.0006066	.012830	.000421
%RSD	89.11718	92.52470	730.1612	62.63490	279.5002	96.26975	350.1807

#1	-.002908	-.000568	.0016960	.0037276	-.000453	-.012390	.000084
#2	-.000370	-.001654	-.001270	.0020872	.000376	-.026600	.000159
#3	-.001113	-.000212	.000183	.0009264	.000728	-.000991	-.000605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001387	-.000062	-.000432	.0000014	.0002089	.0026531	.0109569
Stddev	.0000184	.000041	.014139	.0003433	.0000335	.0024428	.0205188
%RSD	13.25189	66.19401	3274.470	24089.47	16.01324	92.07369	187.2692

#1	.0001570	-.000108	.002869	.0002504	.0002168	-.000165	.0346357
#2	.0001203	-.000031	-.015930	.0001440	.0001722	.004173	-.001596
#3	.0001388	-.000047	.011765	-.000390	.0002377	.003951	-.000169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000808	.0303350	.0001210	-.000231	.0711297	-.006706	-.001215
Stddev	.0009011	.0090618	.0005280	.000633	.1944456	.002063	.008360
%RSD	1115.137	29.87243	436.2331	274.0107	273.3676	30.76055	688.0750

#1	.0006510	.0376393	-.000050	-.000895	-.007840	-.007496	.006992
#2	.0005494	.0331715	-.000300	.000366	.292636	-.004365	-.000917
#3	-.000958	.0201943	.000713	-.000164	-.071407	-.008256	-.009720

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532262	-.003050	.0098096	.0001099	-.002346	-.000162	-.000456
Stddev	.0759305	.001438	.0002249	.0000709	.002495	.000862	.000343
%RSD	142.6563	47.15917	2.292285	64.46737	106.3557	533.0702	75.19557

#1	.1365749	-.004682	.0095499	.0001651	-.005208	-.000107	-.000586
#2	-.012011	-.002502	.0099411	.0001345	-.000637	-.001050	-.000715
#3	.035115	-.001966	.0099376	.0000300	-.001192	.000672	-.000067

Sample Name: CCB025 Acquired: 9/17/2018 16:28:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v650) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB025 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002216	.0039670	-.000008
Stddev	.001825	.0004223	.000103
%RSD	82.36913	10.64422	1235.433

#1	-.000155	.0034794	.000040
#2	-.002864	.0042121	.000062
#3	-.003627	.0042095	-.000127

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.521	2527.037	50630.76	5151.593	3770.431
Stddev	15.163	2.879	201.70	9.031	5.828
%RSD	.6844058	.1139284	.3983656	.1753002	.1545708

#1	2207.094	2525.030	50674.20	5144.640	3765.324
#2	2206.444	2530.335	50410.89	5161.800	3776.780
#3	2233.026	2525.744	50807.20	5148.340	3769.188