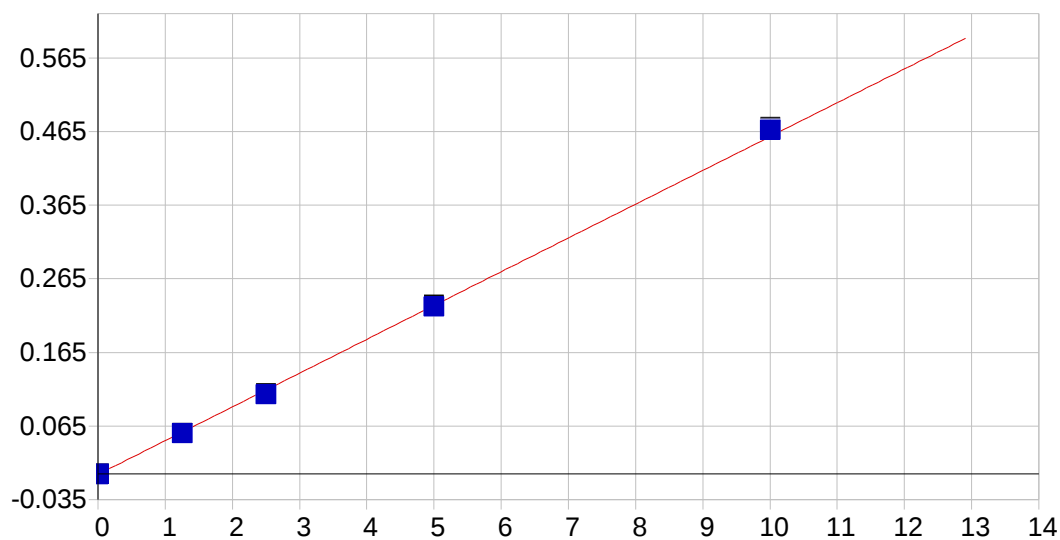




As 189.042 {479}

Date of Fit: 7/24/2018 15:46:11

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000779

Re-Slope: 1.000000

A1 (Gain): 0.045884

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999641

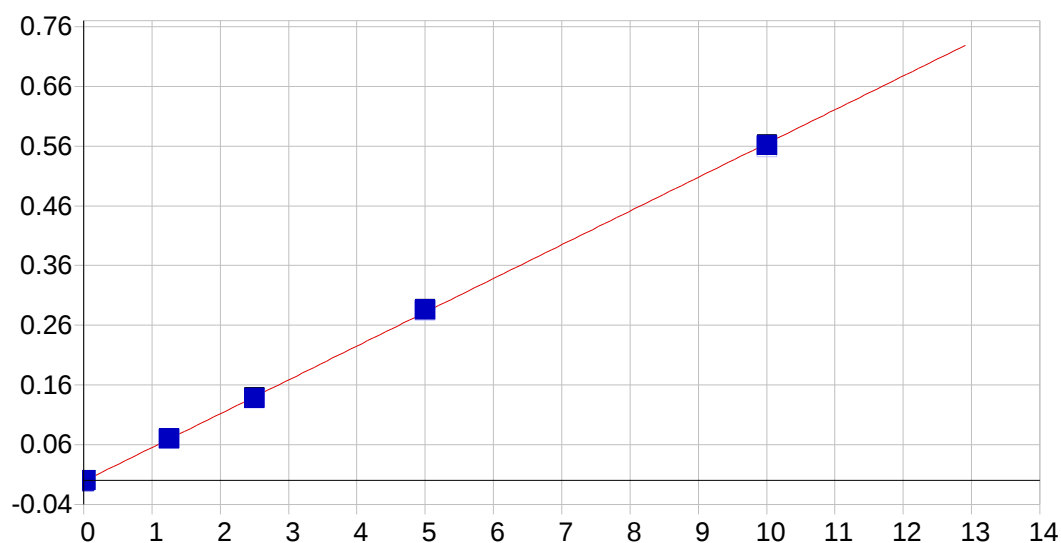
Status: OK.

Std Error of Est: 0.000021

Predicted MDL: 0.003493

Predicted MQL: 0.011643

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00078	.000	1
S1	.01000	.01359	.004	35.9	-.00016	.000	1
S2	1.2500	1.2127	-.037	-2.98	.05500	.000	1
S3	2.5000	2.3690	-.131	-5.24	.10819	.001	1
S4	5.0000	4.9640	-.036	-.720	.22753	.002	1
S5	10.000	10.201	.201	2.01	.46835	.002	1



TI 190.856 {477}

Date of Fit: 7/24/2018 15:46:11

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001073

Re-Slope: 1.000000

A1 (Gain): 0.056544

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999945

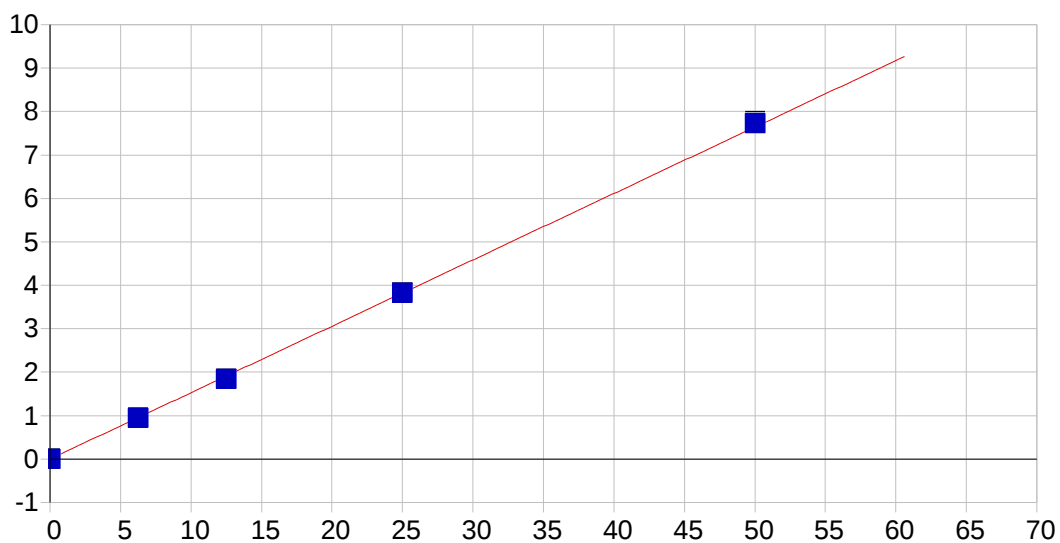
Status: OK.

Std Error of Est: 0.000016

Predicted MDL: 0.002794

Predicted MQL: 0.009315

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00107	.000	1
S1	.02500	.02648	.001	5.92	.00040	.000	1
S2	1.2500	1.2648	.015	1.18	.07001	.000	1
S3	2.5000	2.4674	-.033	-1.30	.13759	.000	1
S4	5.0000	5.0724	.072	1.45	.28403	.001	1
S5	10.000	9.9439	-.056	-.561	.55777	.001	1

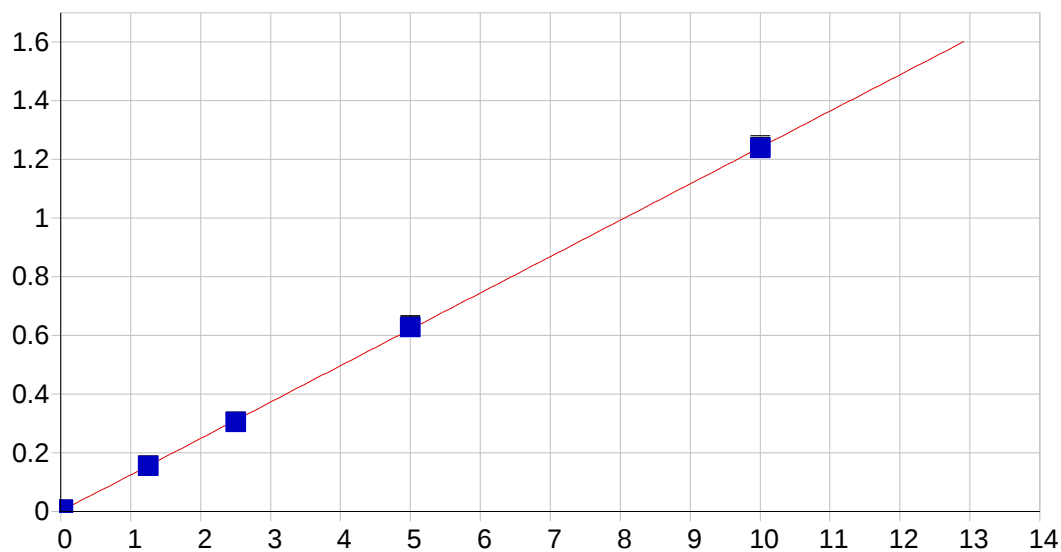


Pb 220.353 {453}

Date of Fit: 7/24/2018 15:46:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000480 Re-Slope: 1.000000
 A1 (Gain): 0.152878 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854 Status: OK.
 Std Error of Est: 0.000098
 Predicted MDL: 0.002303
 Predicted MQL: 0.007676

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00048	.000	1
S1	.01000	.01410	.004	41.0	.00169	.000	1
S2	6.2500	6.1691	-.081	-1.29	.94397	.004	1
S3	12.500	12.019	-.481	-3.85	1.8396	.007	1
S4	25.000	25.002	.002	.009	3.8271	.009	1
S5	50.000	50.556	.556	1.11	7.7390	.036	1



Date of Fit: 7/24/2018 15:46:11

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000983

Re-Slope: 1.000000

A1 (Gain): 0.123996

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999945

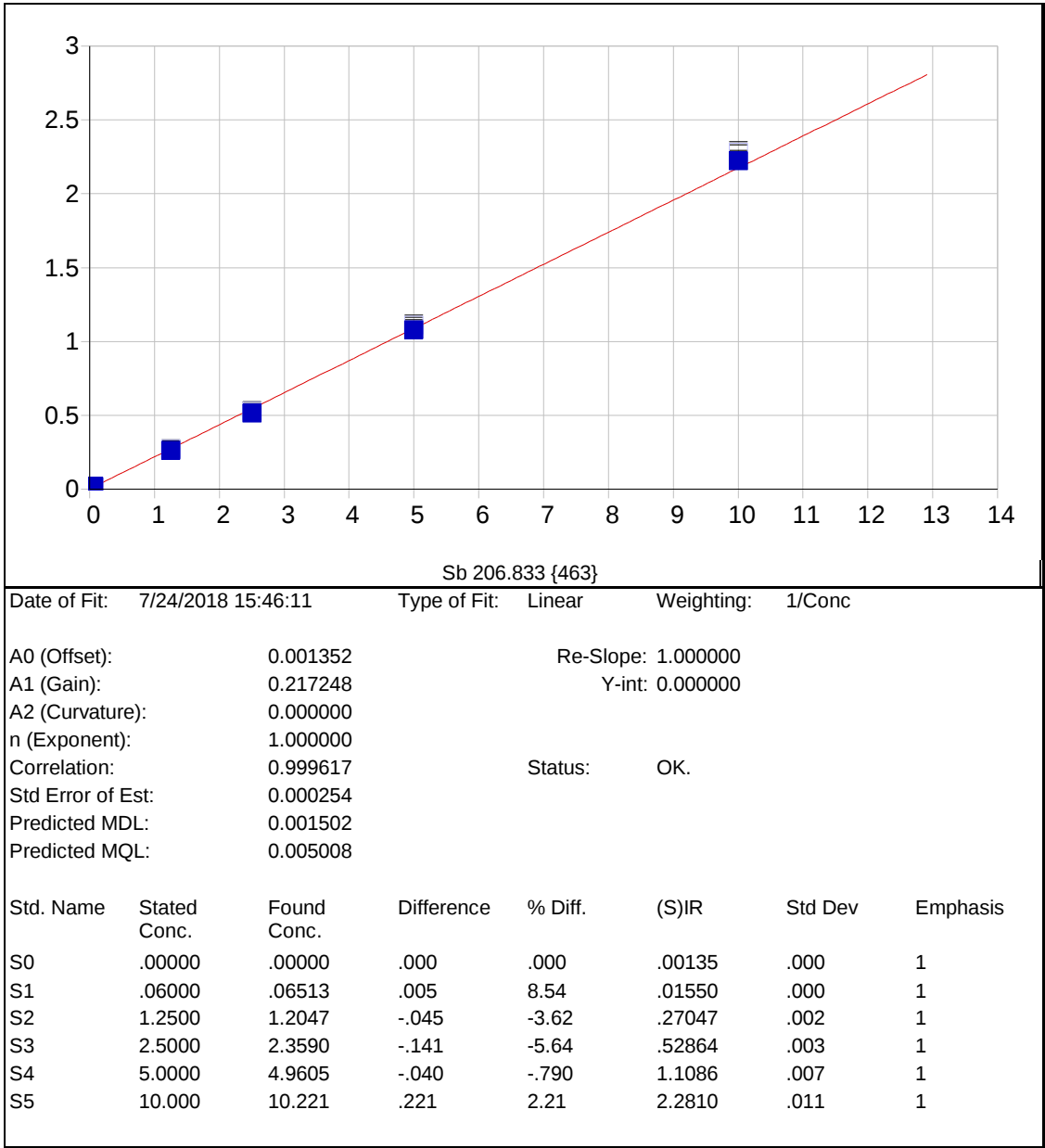
Status: OK.

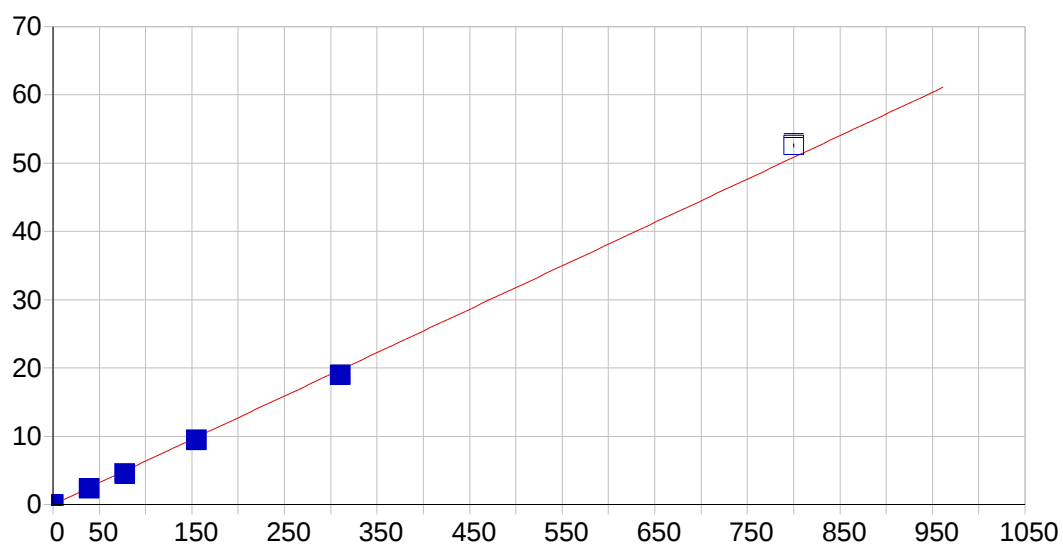
Std Error of Est: 0.000041

Predicted MDL: 0.002083

Predicted MQL: 0.006944

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00098	.000	1
S1	.03500	.03786	.003	8.18	.00567	.000	1
S2	1.2500	1.2488	-.001	-.098	.15510	.001	1
S3	2.5000	2.4462	-.054	-2.15	.30285	.001	1
S4	5.0000	5.0567	.057	1.13	.62508	.005	1
S5	10.000	9.9955	-.005	-.045	1.2346	.007	1



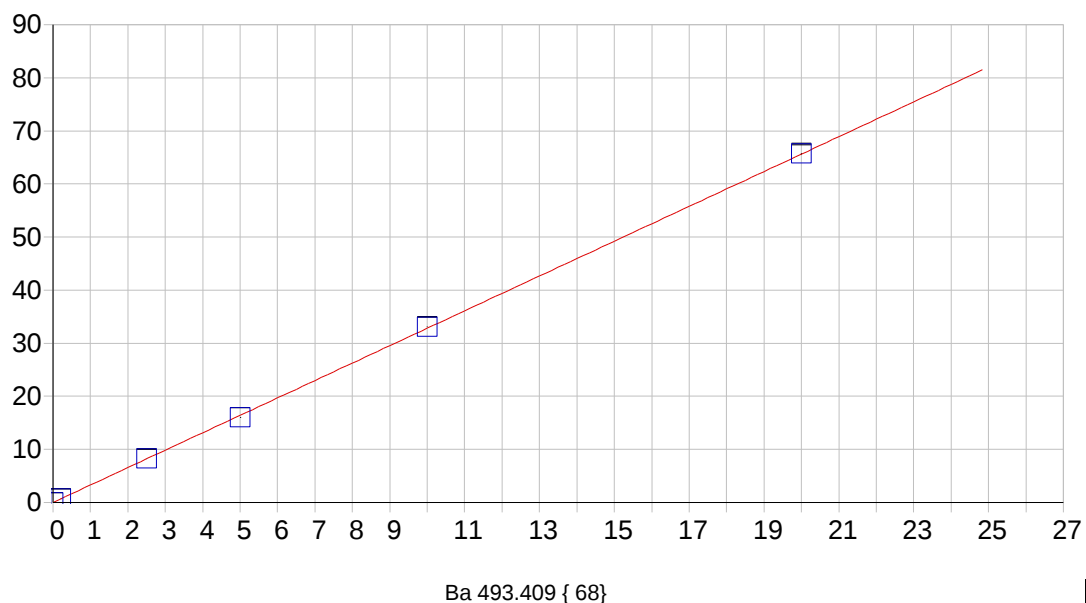


AI 396.152 { 85}

Date of Fit: 7/24/2018 15:46:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002959 Re-Slope: 1.000000
 A1 (Gain): 0.063562 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999107 Status: OK.
 Std Error of Est: 0.001672
 Predicted MDL: 0.017726
 Predicted MQL: 0.059086

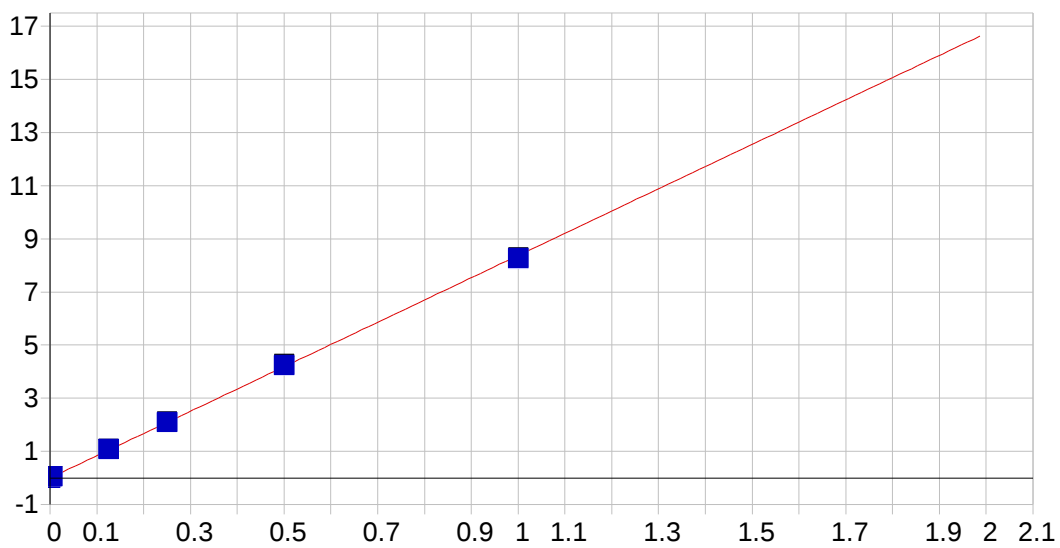
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00296	.000	1
S1	.20000	.23116	.031	15.6	.01767	.001	1
S2	38.750	36.099	-2.65	-6.84	2.2998	.011	1
S3	77.500	70.369	-7.13	-9.20	4.4803	.007	1
S4	155.00	148.51	-6.49	-4.19	9.4514	.002	1
S5	310.00	298.72	-11.3	-3.64	19.009	.029	1
S6	800.00	827.55	27.5	3.44	52.603	.263	1



Date of Fit: 7/24/2018 15:46:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.014712 Re-Slope: 1.000000
 A1 (Gain): 3.280330 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999911 Status: OK.
 Std Error of Est: 0.004659
 Predicted MDL: 0.000840
 Predicted MQL: 0.002801

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.01465	.001	1
S1	.20000	.22290	.023	11.4	.74590	.007	1
S2	2.5000	2.5024	.002	.096	8.2234	.034	1
S3	5.0000	4.8703	-.130	-2.59	15.991	.021	1
S4	10.000	10.085	.085	.848	33.096	.047	1
S5	20.000	20.020	.020	.098	65.686	.169	1

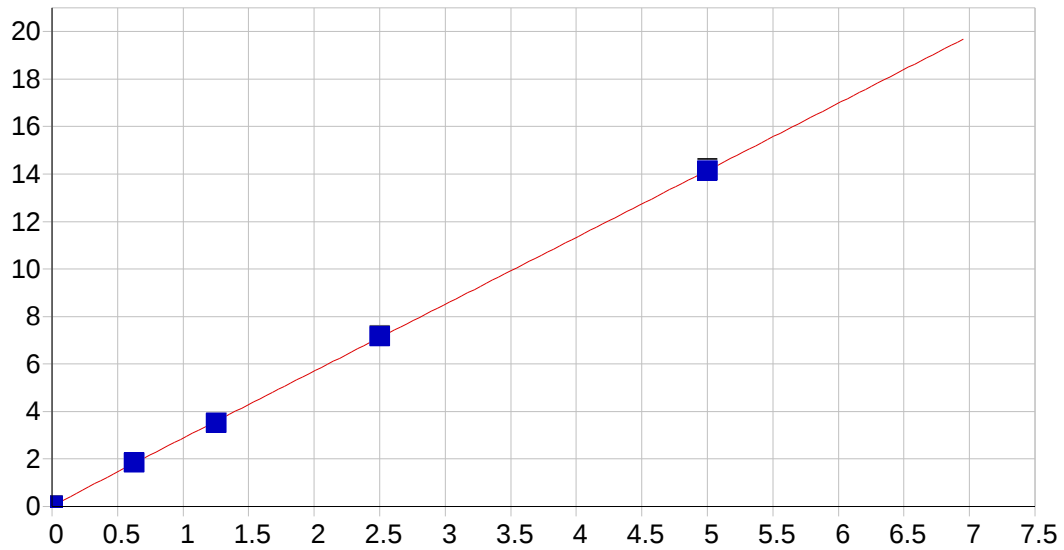


Be 234.861 {144}

Date of Fit: 7/24/2018 15:46:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002755 Re-Slope: 1.000000
 A1 (Gain): 8.372438 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000511
 Predicted MDL: 0.000071
 Predicted MQL: 0.000237

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00276	.000	1
S1	.00500	.00572	.001	14.5	.04513	.001	1
S2	.12500	.12883	.004	3.07	1.0713	.003	1
S3	.25000	.25079	.001	.315	2.0878	.012	1
S4	.50000	.50740	.007	1.48	4.2271	.036	1
S5	1.0000	.98725	-.013	-1.27	8.2263	.030	1



Cd 214.438 {457}

Date of Fit: 7/24/2018 15:46:11

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): 0.000894

Re-Slope: 1.000000

A1 (Gain): 2.869566

Y-int: 0.000000

A2 (Curvature): 0.011018

n (Exponent): 0.980000

Correlation: 0.999961

Status: Warning

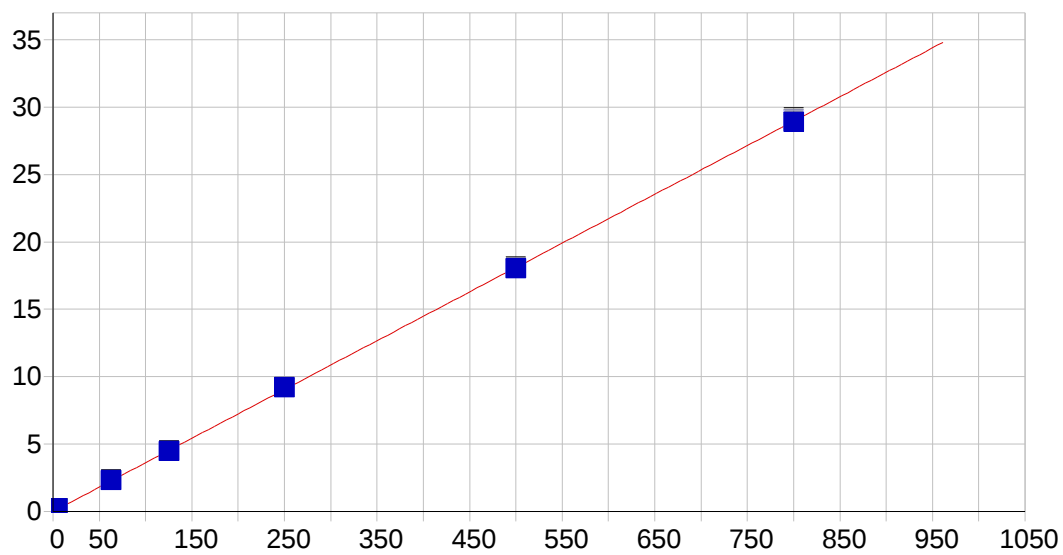
Positive Curvature

Std Error of Est: 0.000300

Predicted MDL: 0.000097

Predicted MQL: 0.000325

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00089	.000	1
S1	.00500	.00533	.000	6.54	.01788	.000	1
S2	.62500	.63276	.008	1.24	1.8415	.005	1
S3	1.2500	1.2265	-.024	-1.88	3.5298	.013	1
S4	2.5000	2.5211	.021	.842	7.1849	.012	1
S5	5.0000	4.9944	-.006	-.112	14.166	.060	1

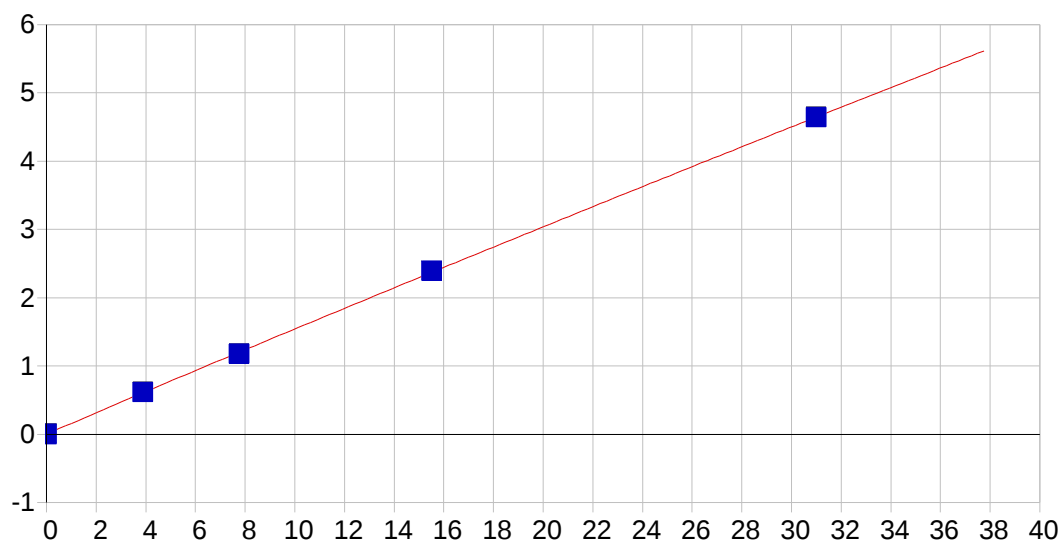


Ca 373.690 { 90}

Date of Fit: 7/24/2018 15:46:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002302 Re-Slope: 1.000000
 A1 (Gain): 0.036203 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999947 Status: OK.
 Std Error of Est: 0.001310
 Predicted MDL: 0.022776
 Predicted MQL: 0.075919

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00064	-.001	.000	.00228	.000	1
S1	5.0000	5.5160	.516	10.3	.20202	.002	1
S2	62.500	64.206	1.71	2.73	2.3348	.006	1
S3	125.00	123.67	-1.33	-1.06	4.4958	.003	1
S4	250.00	253.72	3.72	1.49	9.2198	.010	1
S5	500.00	497.51	-2.49	-.499	18.078	.059	1
S6	800.00	797.89	-2.11	-.264	29.060	.176	1

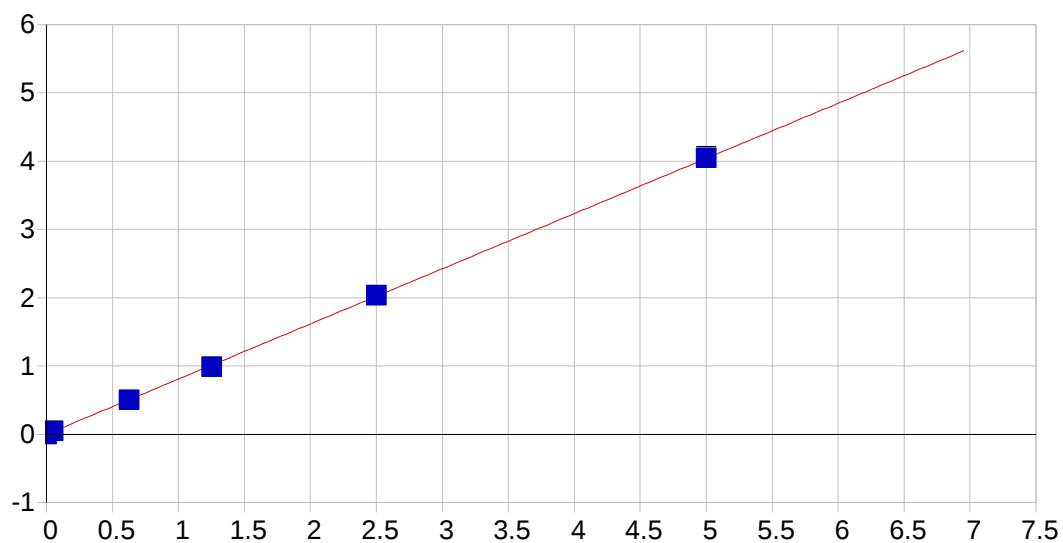


Cr 267.716 {126}

Date of Fit: 7/24/2018 15:46:11 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.000018 Re-Slope: 1.000000
 A1 (Gain): 0.159221 Y-int: 0.000000
 A2 (Curvature): -0.000137
 n (Exponent): 0.990000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.000607
 Predicted MQL: 0.002024

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.01110	.001	11.0	.00184	.000	1
S2	3.8750	3.9197	.045	1.15	.61465	.001	1
S3	7.7500	7.5965	-.154	-1.98	1.1798	.002	1
S4	15.500	15.652	.152	.983	2.3972	.004	1
S5	31.000	30.956	-.044	-.143	4.6486	.001	1



Co 228.616 {448}

Date of Fit: 7/24/2018 15:46:11

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000175

Re-Slope: 1.000000

A1 (Gain): 0.808054

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999907

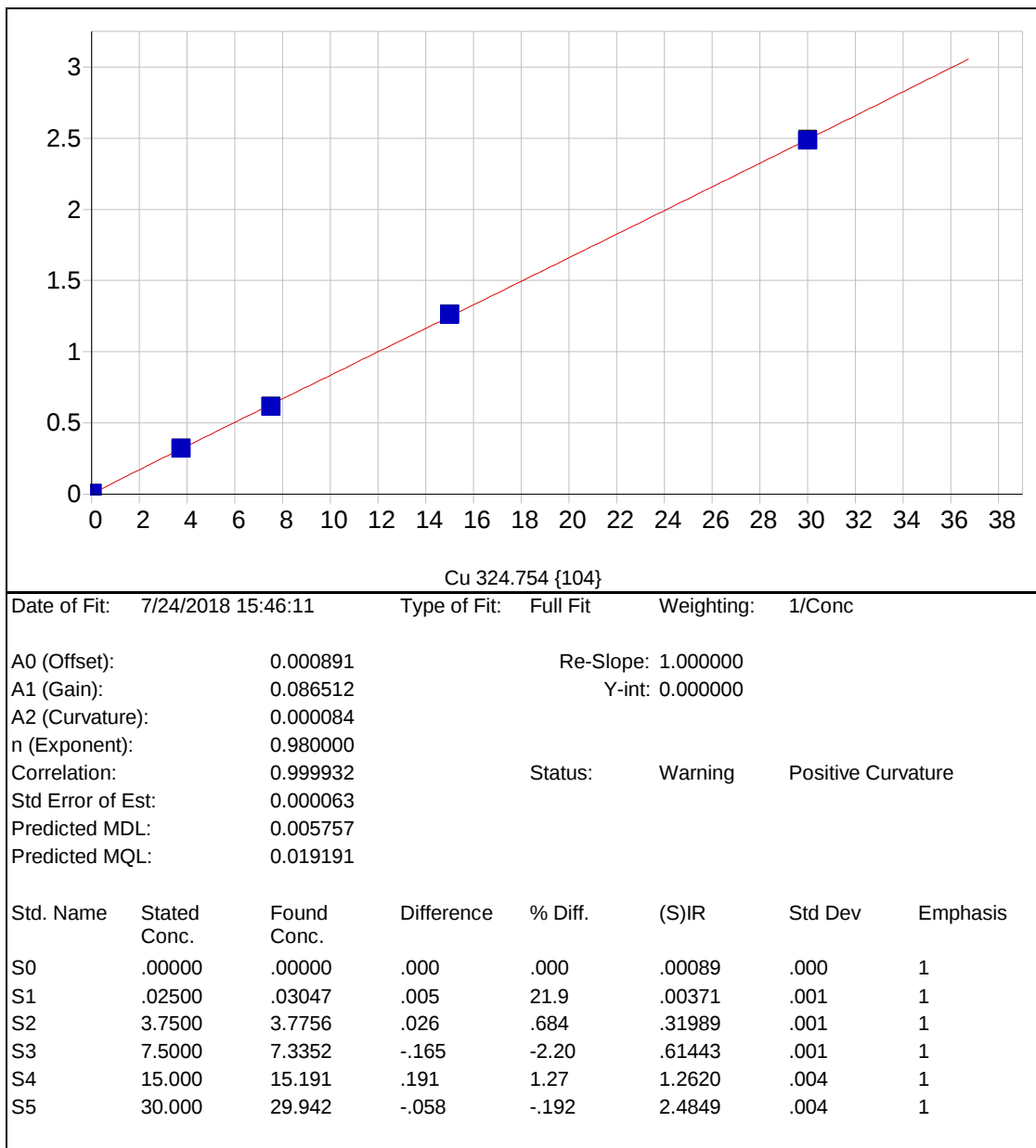
Status: OK.

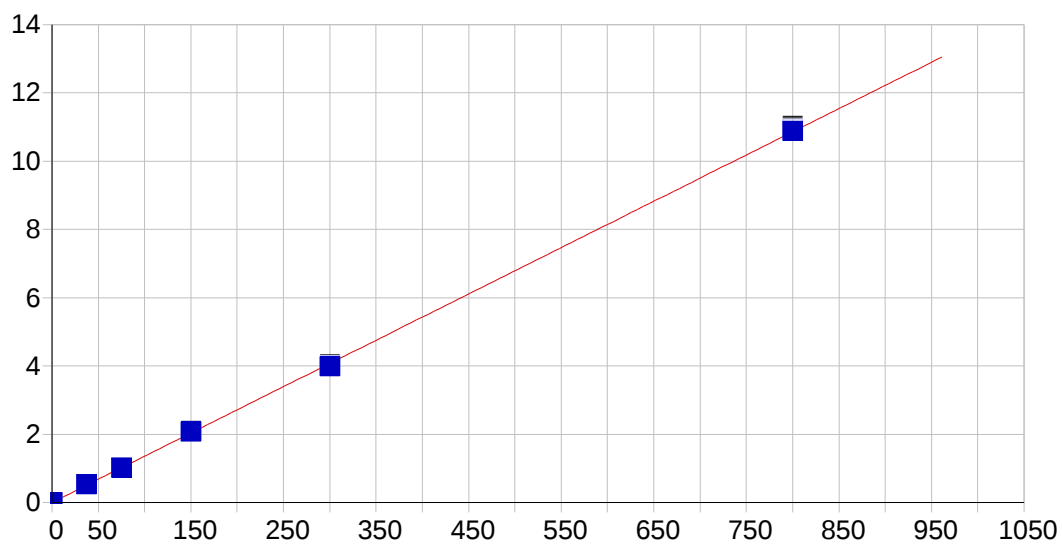
Std Error of Est: 0.000293

Predicted MDL: 0.000333

Predicted MQL: 0.001111

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00018	.000	1
S1	.05000	.05616	.006	12.3	.04536	.000	1
S2	.62500	.62733	.002	.373	.50774	.001	1
S3	1.2500	1.2167	-.033	-2.67	.98496	.004	1
S4	2.5000	2.5127	.013	.507	2.0342	.003	1
S5	5.0000	5.0122	.012	.243	4.0579	.016	1



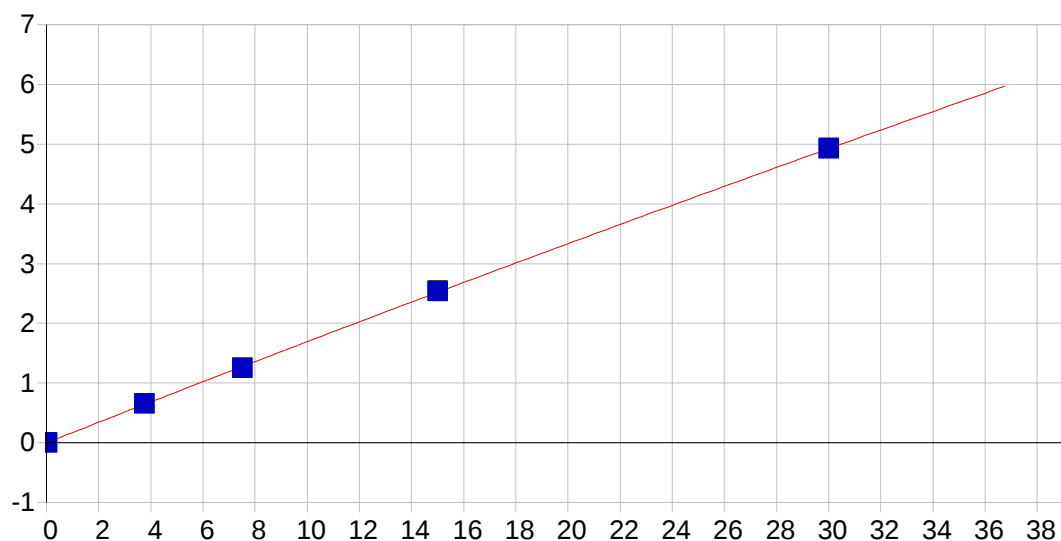


Fe 259.837 {130}

Date of Fit: 7/24/2018 15:46:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000133 Re-Slope: 1.000000
 A1 (Gain): 0.013577 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.019954
 Predicted MQL: 0.066512

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00013	.000	1
S1	.10000	.11931	.019	19.3	.00178	.000	1
S2	37.500	38.960	1.46	3.89	.53182	.002	1
S3	75.000	74.777	-.223	-.297	1.0208	.003	1
S4	150.00	152.56	2.56	1.71	2.0823	.006	1
S5	300.00	294.15	-5.85	-1.95	4.0156	.024	1
S6	800.00	802.03	2.03	.254	10.939	.086	1

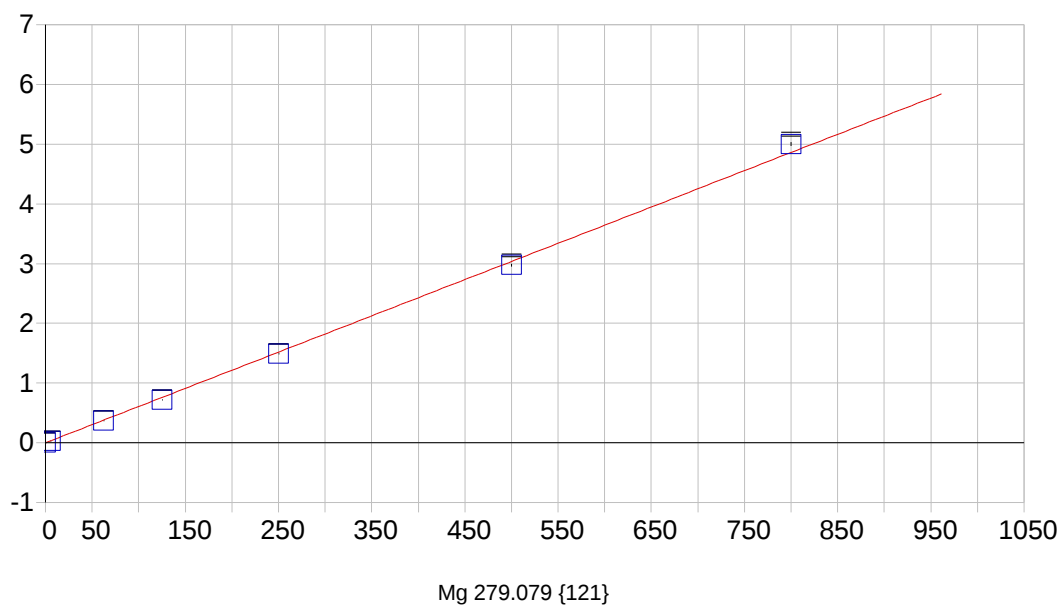


Mn 257.610 {131}

Date of Fit: 7/24/2018 15:46:11 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000143 Re-Slope: 1.000000
 A1 (Gain): 0.171801 Y-int: 0.000000
 A2 (Curvature): -0.000255
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.001392
 Predicted MQL: 0.004641

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00014	.000	1
S1	.01500	.01823	.003	21.5	.00299	.000	1
S2	3.7500	3.8113	.061	1.63	.65107	.004	1
S3	7.5000	7.3544	-.146	-1.94	1.2498	.003	1
S4	15.000	15.106	.106	.706	2.5373	.004	1
S5	30.000	29.975	-.025	-.082	4.9212	.016	1



Date of Fit: 7/24/2018 15:46:11

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000324

Re-Slope: 1.000000

A1 (Gain): 0.006074

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999590

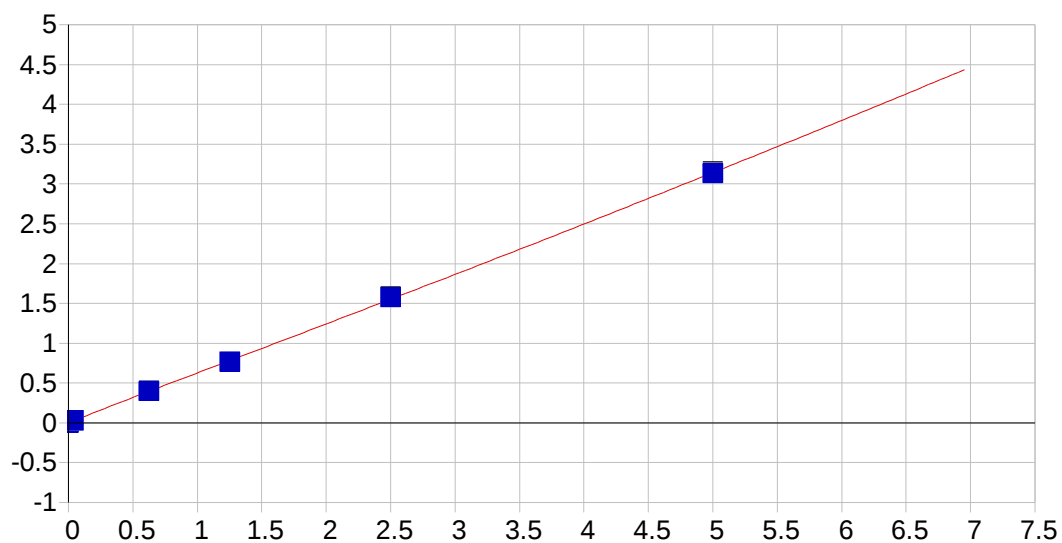
Status: OK.

Std Error of Est: 0.000607

Predicted MDL: 0.055222

Predicted MQL: 0.184073

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00018	.000	.000	-.00032	.000	1
S1	5.0000	5.2895	.289	5.79	.03181	.000	1
S2	62.500	60.735	-1.76	-2.82	.36859	.001	1
S3	125.00	118.04	-6.96	-5.57	.71669	.002	1
S4	250.00	245.65	-4.35	-1.74	1.4918	.002	1
S5	500.00	489.48	-10.5	-2.10	2.9729	.019	1
S6	800.00	823.30	23.3	2.91	5.0006	.034	1

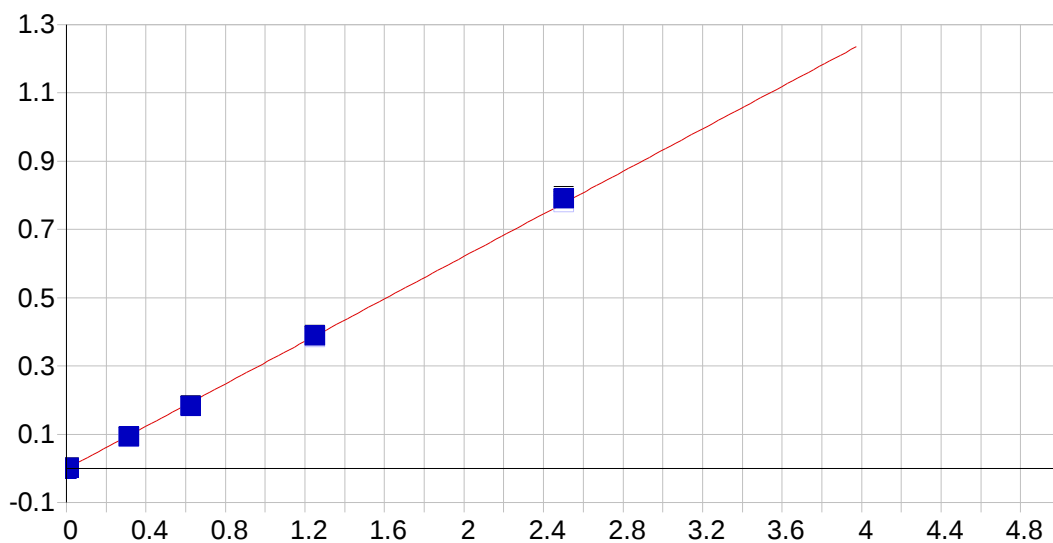


Ni 231.604 {446}

Date of Fit: 7/24/2018 15:46:11 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): -0.003129 Re-Slope: 1.000000
 A1 (Gain): 0.619432 Y-int: 0.000000
 A2 (Curvature): 0.010913
 n (Exponent): 0.960000
 Correlation: 0.999942 Status: Warning Positive Curvature
 Std Error of Est: 0.000228
 Predicted MDL: 0.000505
 Predicted MQL: 0.001684

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00313	.000	1
S1	.04000	.04184	.002	4.59	.02633	.000	1
S2	.62500	.62409	-.001	-.145	.39602	.002	1
S3	1.2500	1.2250	-.025	-2.00	.76723	.003	1
S4	2.5000	2.5354	.035	1.42	1.5783	.005	1
S5	5.0000	4.9888	-.011	-.224	3.1399	.015	1

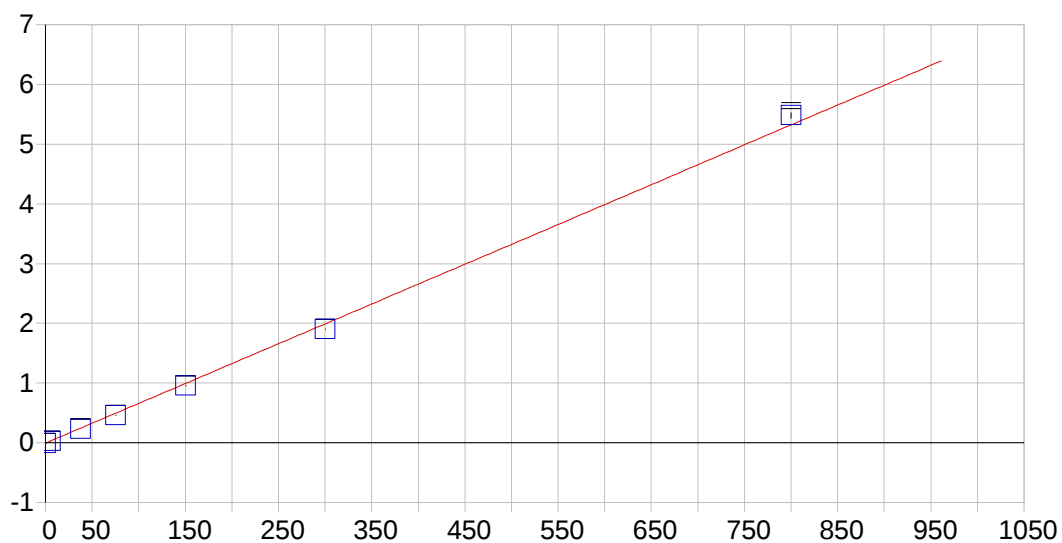


Ag 328.068 {103}

Date of Fit: 7/24/2018 15:46:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001379 Re-Slope: 1.000000
 A1 (Gain): 0.311254 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999691 Status: OK.
 Std Error of Est: 0.000064
 Predicted MDL: 0.000545
 Predicted MQL: 0.001817

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00138	.000	1
S1	.01000	.01063	.001	6.26	.00191	.000	1
S2	.31250	.30089	-.012	-3.72	.09103	.001	1
S3	.62500	.59278	-.032	-5.15	.18063	.001	1
S4	1.2500	1.2514	.001	.116	.38315	.002	1
S5	2.5000	2.5418	.042	1.67	.77977	.008	1

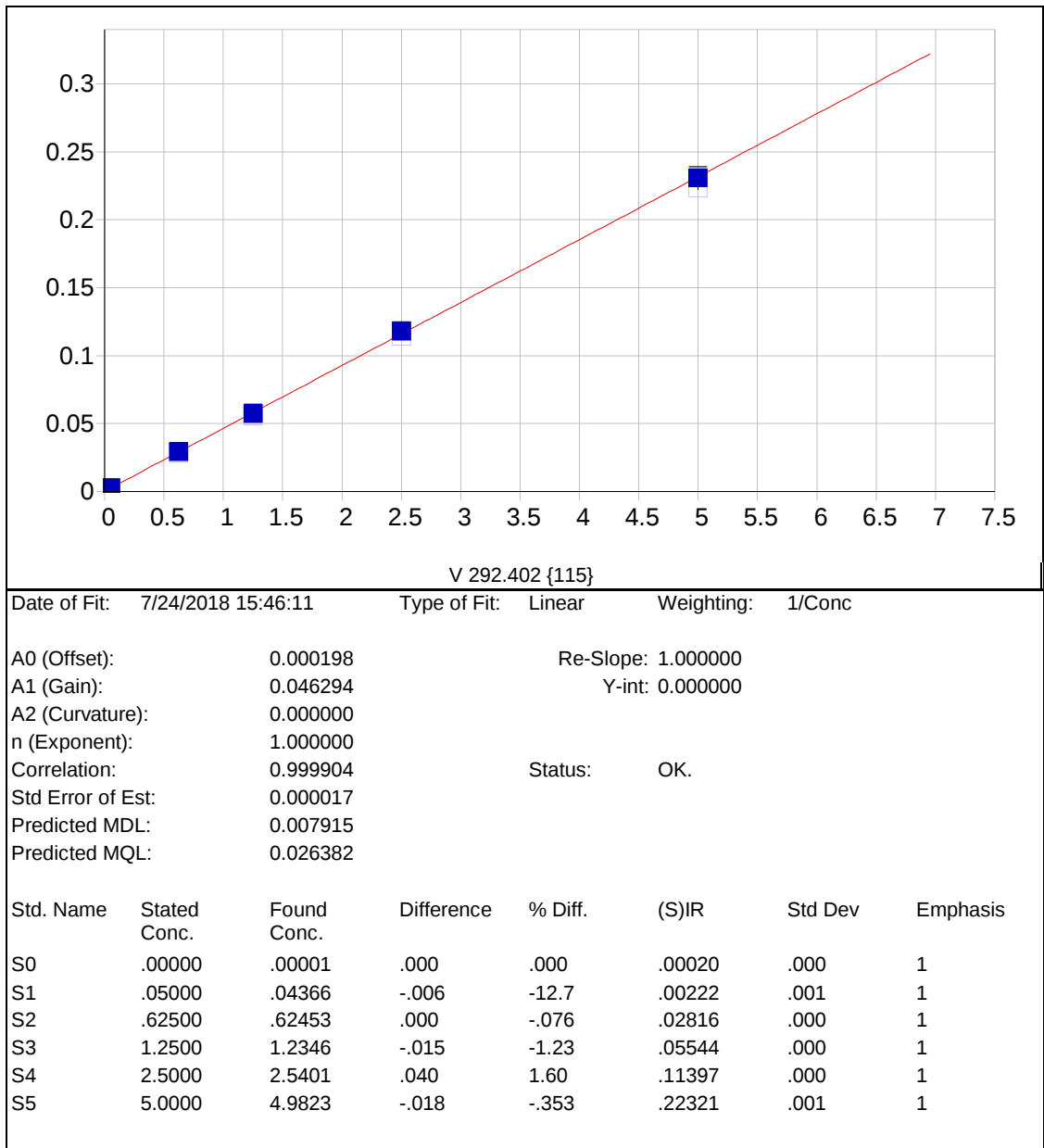


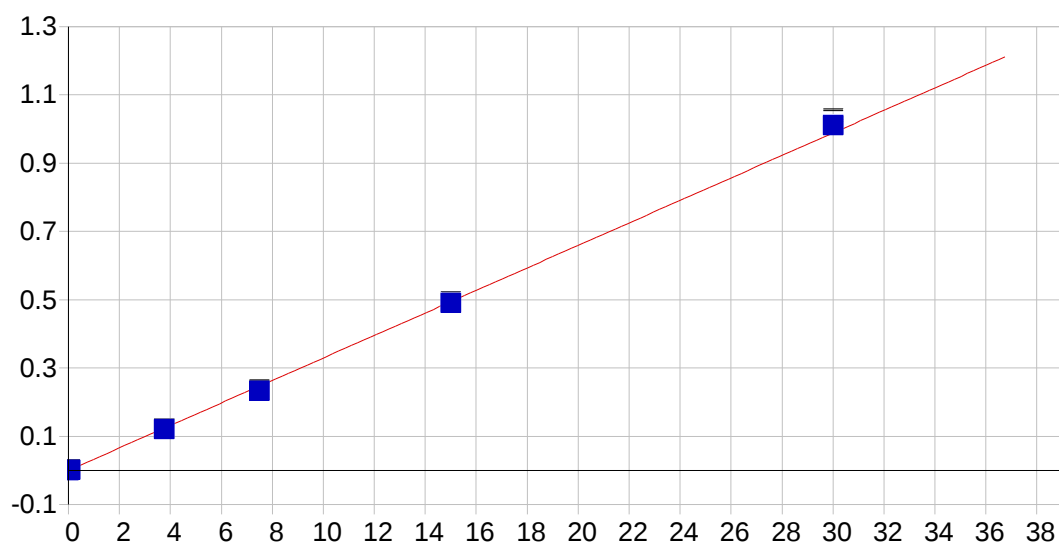
Na 818.326 { 41}

Date of Fit: 7/24/2018 15:46:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.006371 Re-Slope: 1.000000
 A1 (Gain): 0.006658 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999295 Status: OK.
 Std Error of Est: 0.000773
 Predicted MDL: 0.354233
 Predicted MQL: 1.180777

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00035	.000	.000	-.00637	.002	1
S1	5.0000	5.3939	.394	7.88	.02954	.001	1
S2	37.500	36.263	-1.24	-3.30	.23507	.002	1
S3	75.000	69.873	-5.13	-6.84	.45884	.000	1
S4	150.00	144.83	-5.17	-3.44	.95794	.002	1
S5	300.00	286.75	-13.2	-4.42	1.9028	.004	1
S6	800.00	824.38	24.4	3.05	5.4824	.049	1



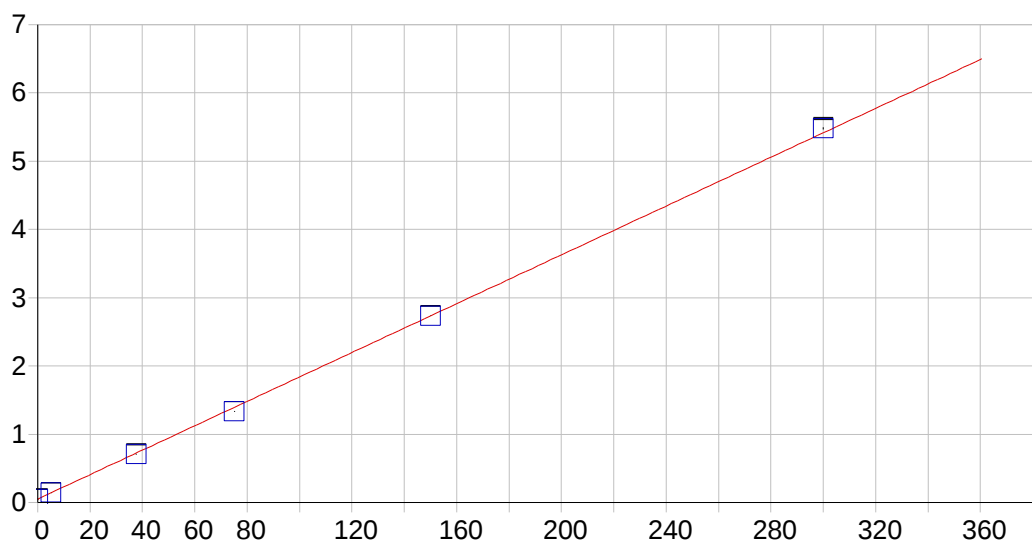


Zn 213.856 {158}

Date of Fit: 7/24/2018 15:46:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000296 Re-Slope: 1.000000
 A1 (Gain): 0.032968 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999619 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.012975
 Predicted MQL: 0.043251

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00030	.000	1
S1	.06000	.05303	-.007	-11.6	.00146	.001	1
S2	3.7500	3.6756	-.074	-1.98	.12146	.001	1
S3	7.5000	7.0568	-.443	-5.91	.23352	.002	1
S4	15.000	14.880	-.120	-.803	.49258	.003	1
S5	30.000	30.645	.645	2.15	1.0147	.016	1

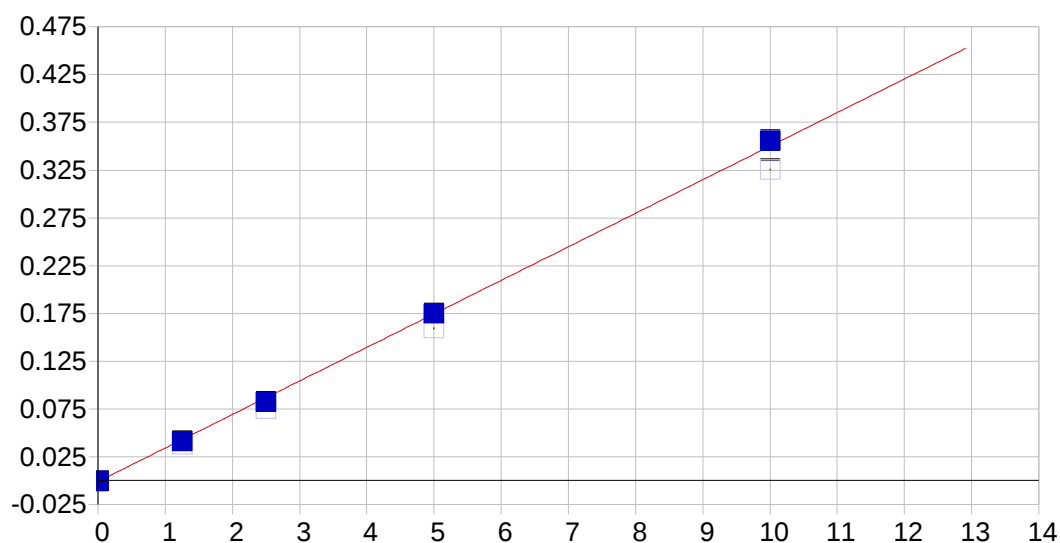


K 769.896 { 44}

Date of Fit: 7/24/2018 15:46:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.051335 Re-Slope: 1.000000
 A1 (Gain): 0.017882 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999812 Status: OK.
 Std Error of Est: 0.000715
 Predicted MDL: 0.105390
 Predicted MQL: 0.351299

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	.05134	.002	1
S1	5.0000	5.1904	.190	3.81	.14415	.001	1
S2	37.500	36.655	-.845	-2.25	.70678	.004	1
S3	75.000	71.762	-3.24	-4.32	1.3346	.001	1
S4	150.00	150.14	.142	.095	2.7361	.003	1
S5	300.00	303.75	3.75	1.25	5.4829	.017	1



P 177.495 {490}

Date of Fit: 7/24/2018 15:46:11

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001001

Re-Slope: 1.000000

A1 (Gain): 0.035121

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999615

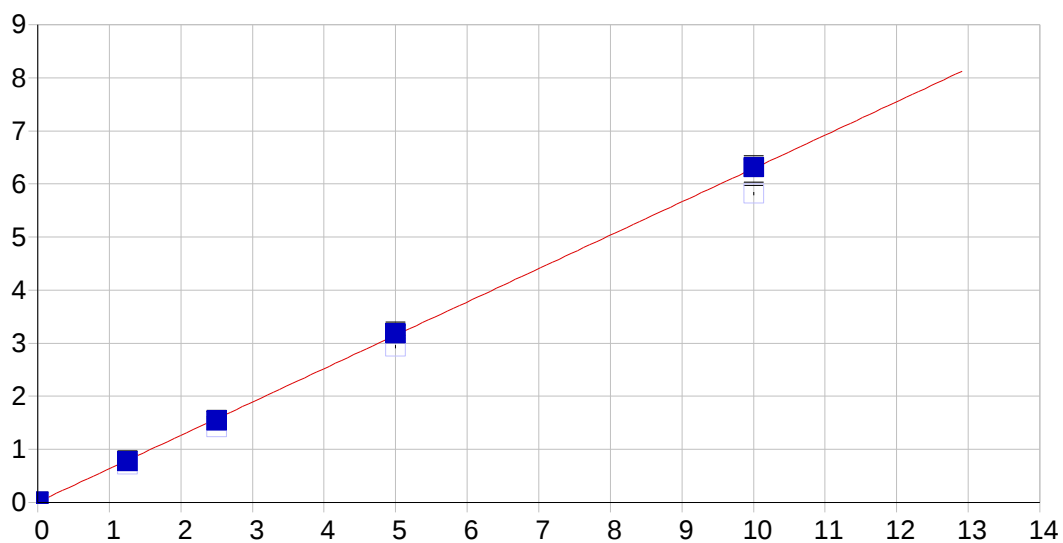
Status: OK.

Std Error of Est: 0.000015

Predicted MDL: 0.003106

Predicted MQL: 0.010352

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00100	.000	1
S1	.01000	.01461	.005	46.1	-.00051	.000	1
S2	1.2500	1.2042	-.046	-3.66	.03751	.000	1
S3	2.5000	2.3805	-.119	-4.78	.07503	.001	1
S4	5.0000	5.0010	.001	.021	.15950	.001	1
S5	10.000	10.160	.160	1.60	.32552	.001	1

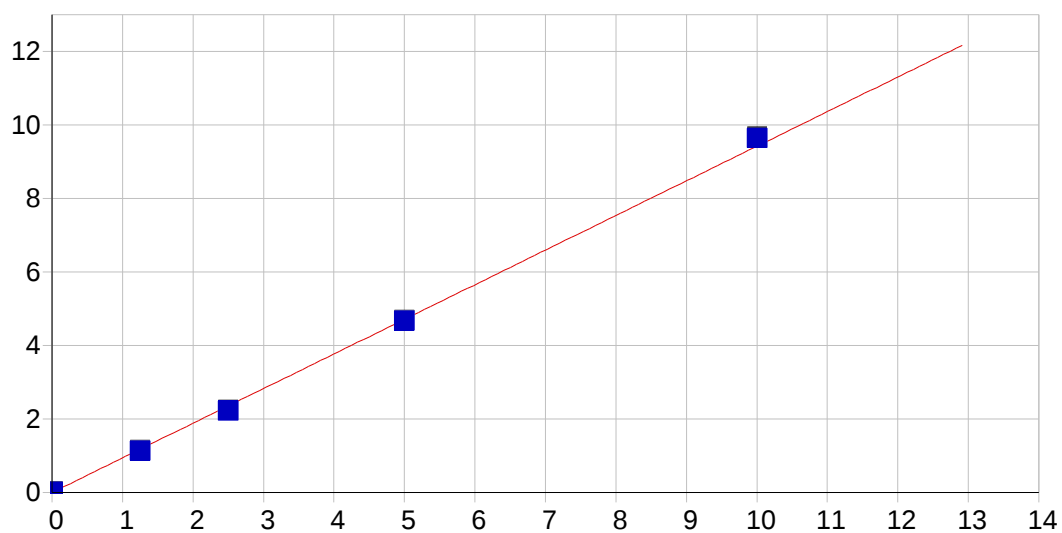


B 249.678 {135}

Date of Fit: 7/24/2018 15:46:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007645 Re-Slope: 1.000000
 A1 (Gain): 0.628401 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000126
 Predicted MDL: 0.001106
 Predicted MQL: 0.003688

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00765	.001	1
S1	.01000	.00909	-.001	-9.09	.01323	.001	1
S2	1.2500	1.2276	-.022	-1.79	.71686	.005	1
S3	2.5000	2.4381	-.062	-2.47	1.4153	.011	1
S4	5.0000	5.0531	.053	1.06	2.9341	.027	1
S5	10.000	10.032	.032	.321	5.8141	.030	1

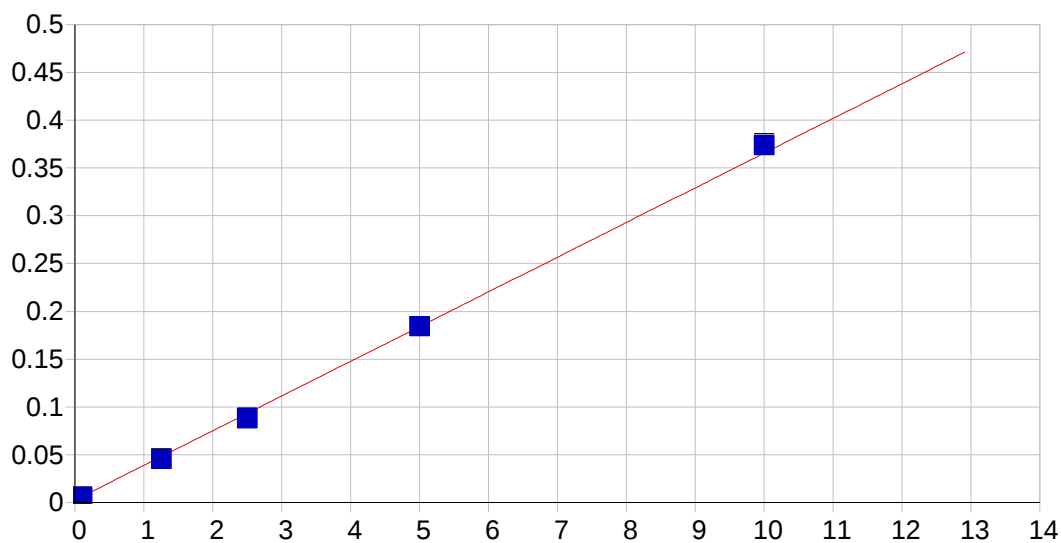


Mo 202.030 {467}

Date of Fit: 7/24/2018 15:46:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001081 Re-Slope: 1.000000
 A1 (Gain): 0.941952 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999606 Status: OK.
 Std Error of Est: 0.000443
 Predicted MDL: 0.000310
 Predicted MQL: 0.001032

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00108	.000	1
S1	.01000	.01109	.001	10.9	.01152	.000	1
S2	1.2500	1.2075	-.042	-3.40	1.1385	.003	1
S3	2.5000	2.3624	-.138	-5.50	2.2263	.010	1
S4	5.0000	4.9514	-.049	-.971	4.6649	.028	1
S5	10.000	10.228	.228	2.28	9.6345	.044	1

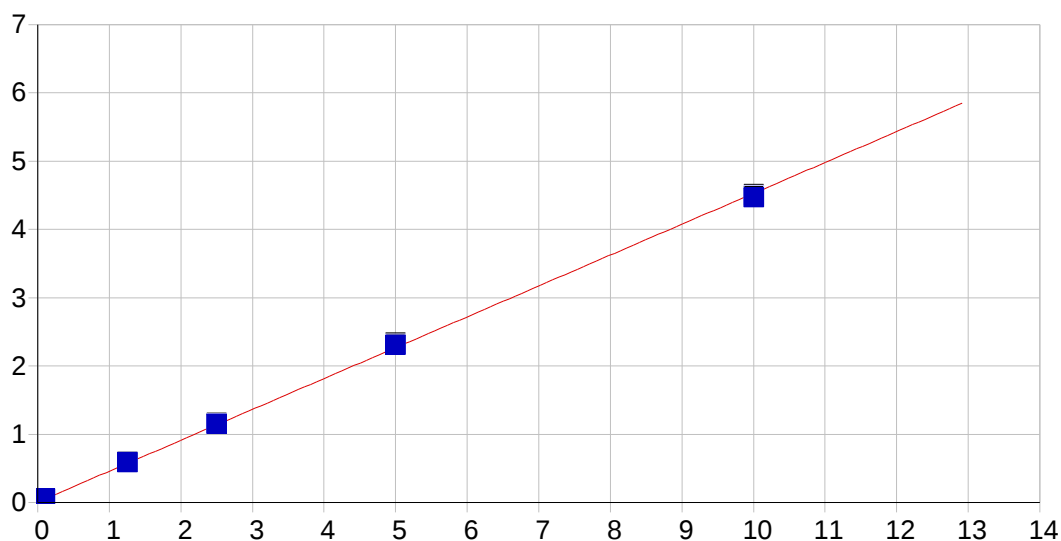


S 182.034 {485}

Date of Fit: 7/24/2018 15:46:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002484 Re-Slope: 1.000000
 A1 (Gain): 0.036311 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999489 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.004163
 Predicted MQL: 0.013878

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00248	.000	1
S1	.10000	.08920	-.011	-10.8	.00572	.000	1
S2	1.2500	1.1800	-.070	-5.60	.04535	.000	1
S3	2.5000	2.3504	-.150	-5.98	.08786	.001	1
S4	5.0000	5.0014	.001	.028	.18415	.000	1
S5	10.000	10.229	.229	2.29	.37404	.002	1

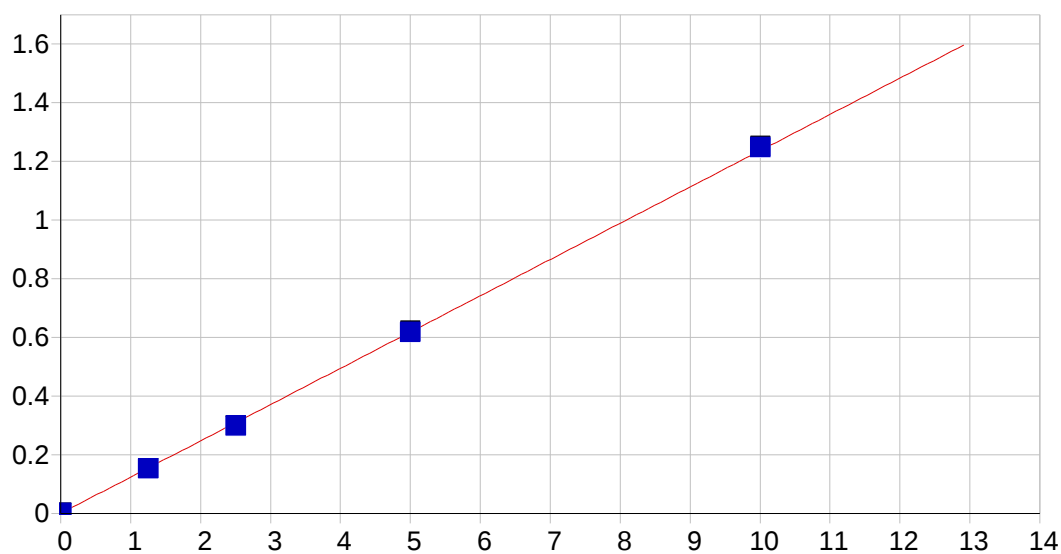


Si 251.611 {134}

Date of Fit: 7/24/2018 15:46:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006572 Re-Slope: 1.000000
 A1 (Gain): 0.452277 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.000373
 Predicted MDL: 0.001362
 Predicted MQL: 0.004540

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00657	.000	1
S1	.10000	.10419	.004	4.19	.05385	.000	1
S2	1.2500	1.2829	.033	2.64	.59145	.003	1
S3	2.5000	2.5194	.019	.777	1.1553	.006	1
S4	5.0000	5.0833	.083	1.67	2.3242	.018	1
S5	10.000	9.8602	-.140	-1.40	4.5032	.015	1

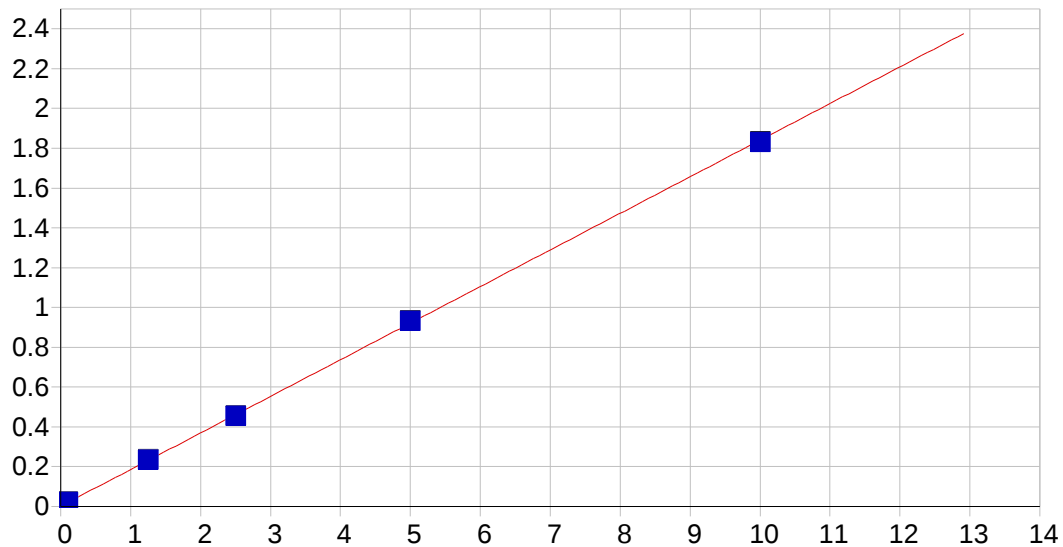


Sn 189.989 {478}

Date of Fit: 7/24/2018 15:46:11 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000294 Re-Slope: 1.000000
 A1 (Gain): 0.123659 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.001188
 Predicted MQL: 0.003958

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00029	.000	1
S1	.00700	.00748	.000	6.79	.00118	.000	1
S2	1.2500	1.2390	-.011	-.879	.15317	.001	1
S3	2.5000	2.4117	-.088	-3.53	.29783	.001	1
S4	5.0000	5.0061	.006	.122	.61798	.003	1
S5	10.000	10.093	.093	.928	1.2456	.005	1



Ti 336.121 {100}

Date of Fit: 7/24/2018 15:46:11

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001621

Re-Slope: 1.000000

A1 (Gain): 0.183927

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999914

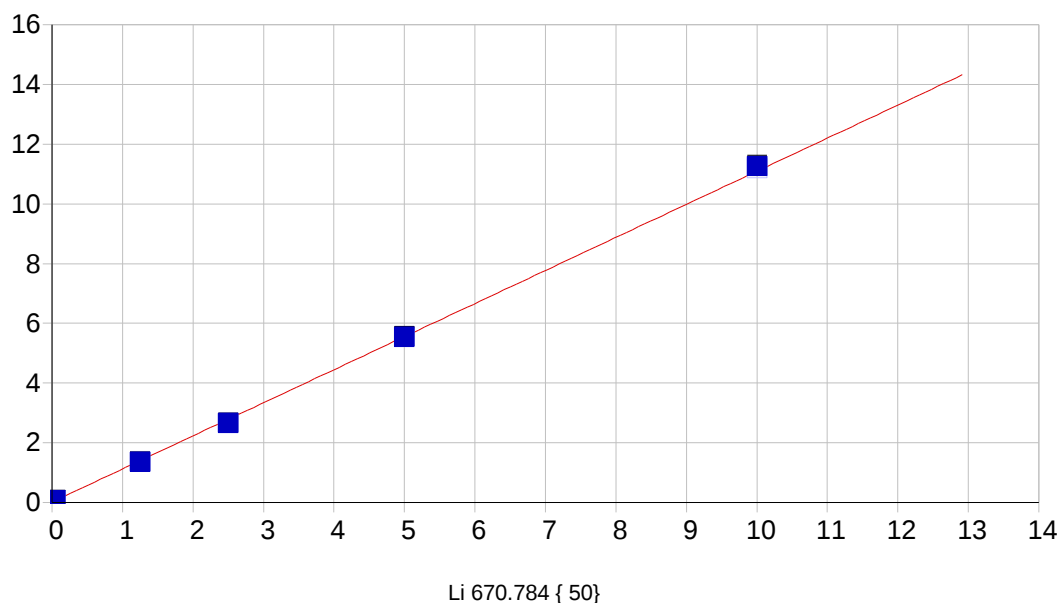
Status: OK.

Std Error of Est: 0.000128

Predicted MDL: 0.003046

Predicted MQL: 0.010153

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00162	.000	1
S1	.10000	.11135	.011	11.4	.02210	.000	1
S2	1.2500	1.2725	.022	1.80	.23557	.001	1
S3	2.5000	2.4617	-.038	-1.53	.45422	.001	1
S4	5.0000	5.0578	.058	1.16	.93154	.004	1
S5	10.000	9.9467	-.053	-.533	1.8304	.002	1



Date of Fit: 7/24/2018 15:46:11

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.016416

Re-Slope: 1.000000

A1 (Gain): 1.107603

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999767

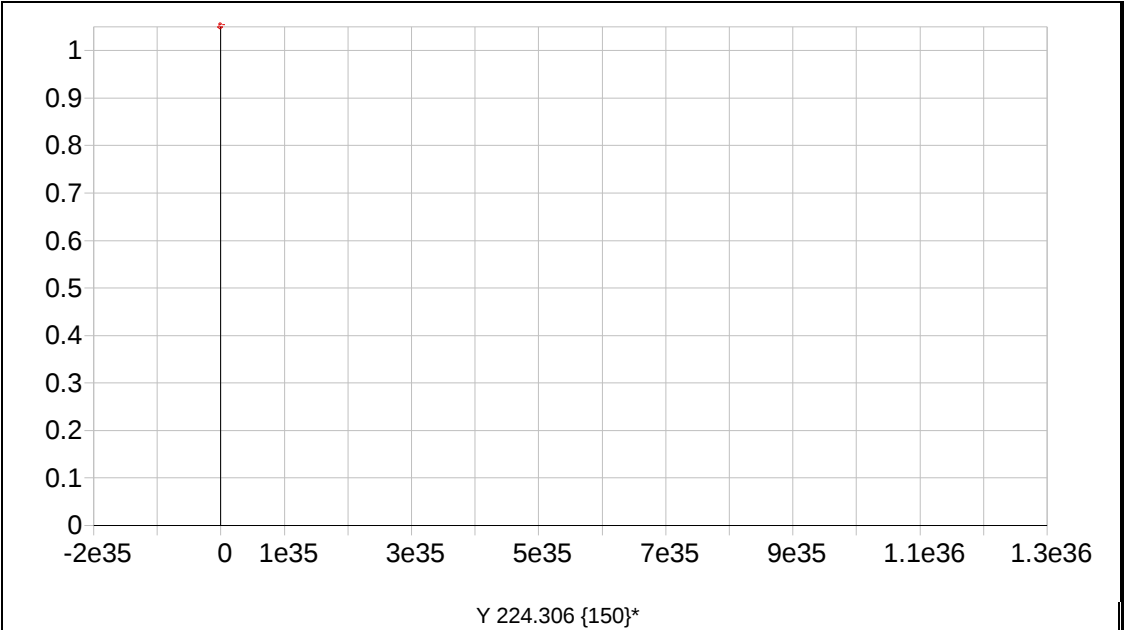
Status: OK.

Std Error of Est: 0.000892

Predicted MDL: 0.002236

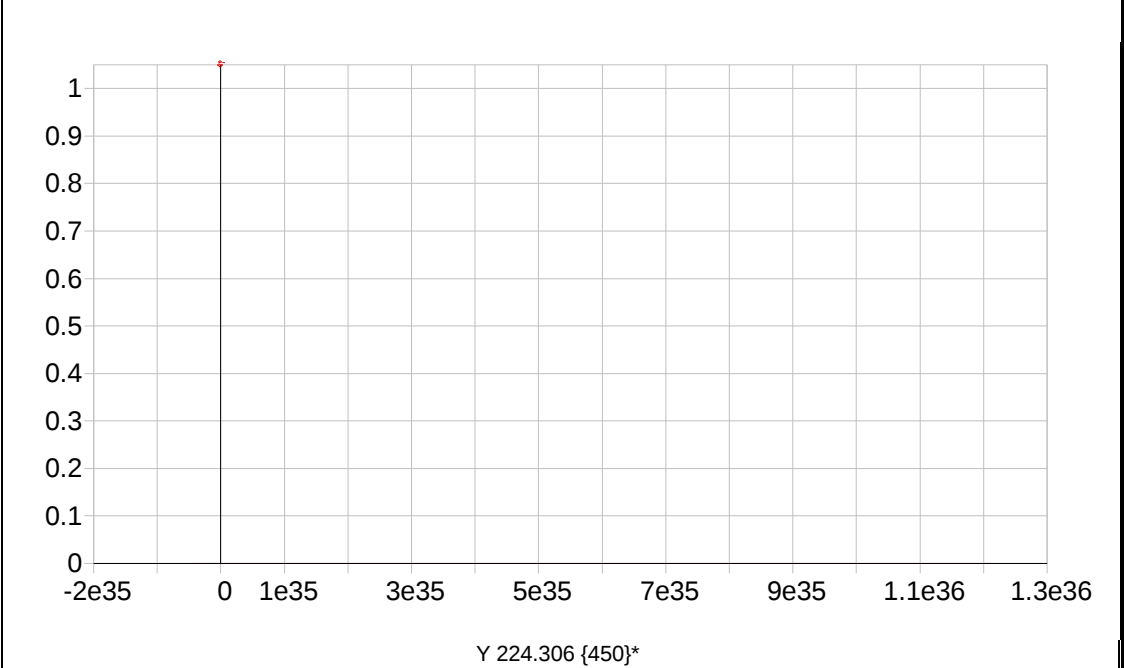
Predicted MQL: 0.007455

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01642	.001	1
S5	10.000	10.149	.149	1.49	11.195	.038	1
S4	5.0000	5.0000	.000	-.001	5.5232	.005	1
S3	2.5000	2.3818	-.118	-4.73	2.6389	.001	1
S2	1.2500	1.2180	-.032	-2.56	1.3577	.007	1
S1	.05000	.05100	.001	2.00	.07280	.005	1

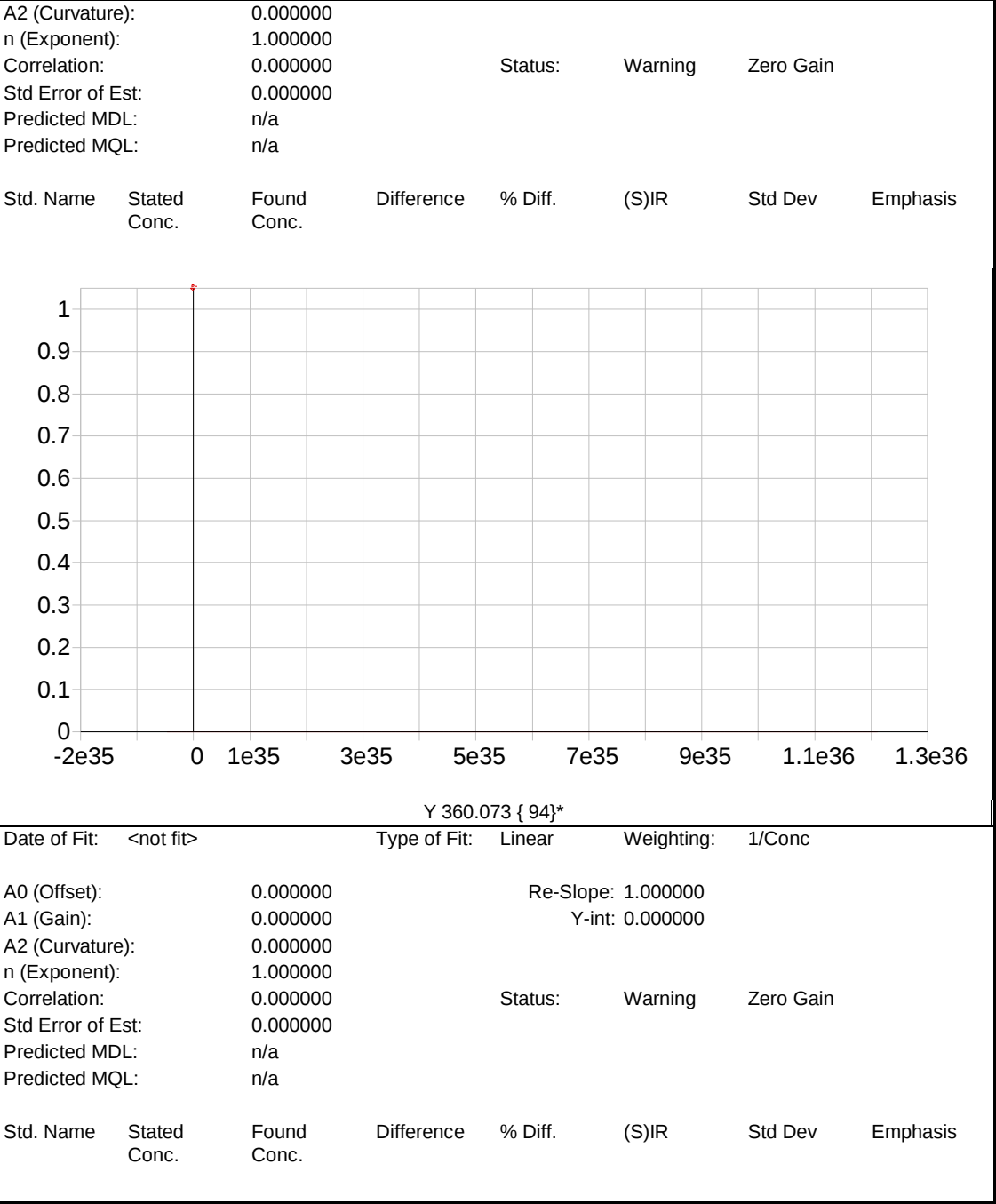


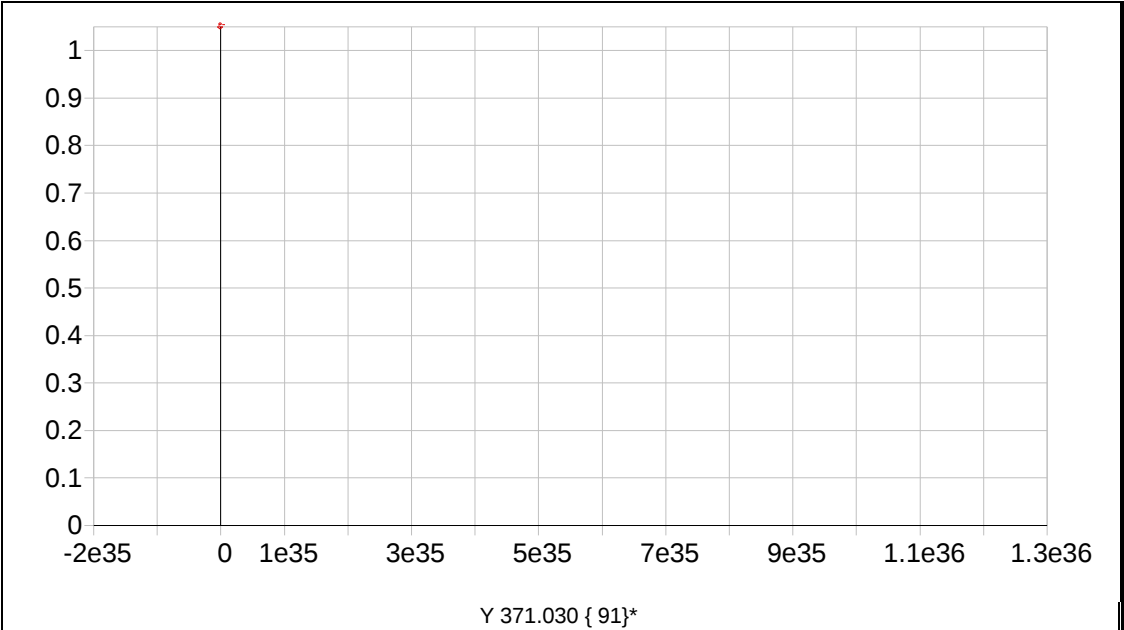
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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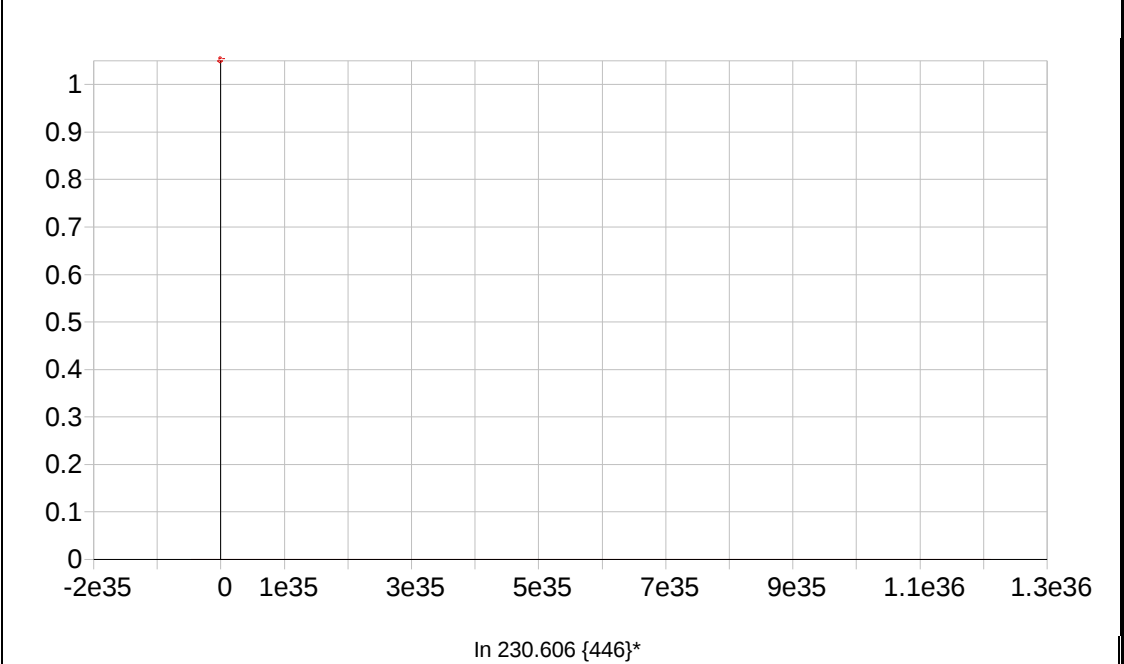
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



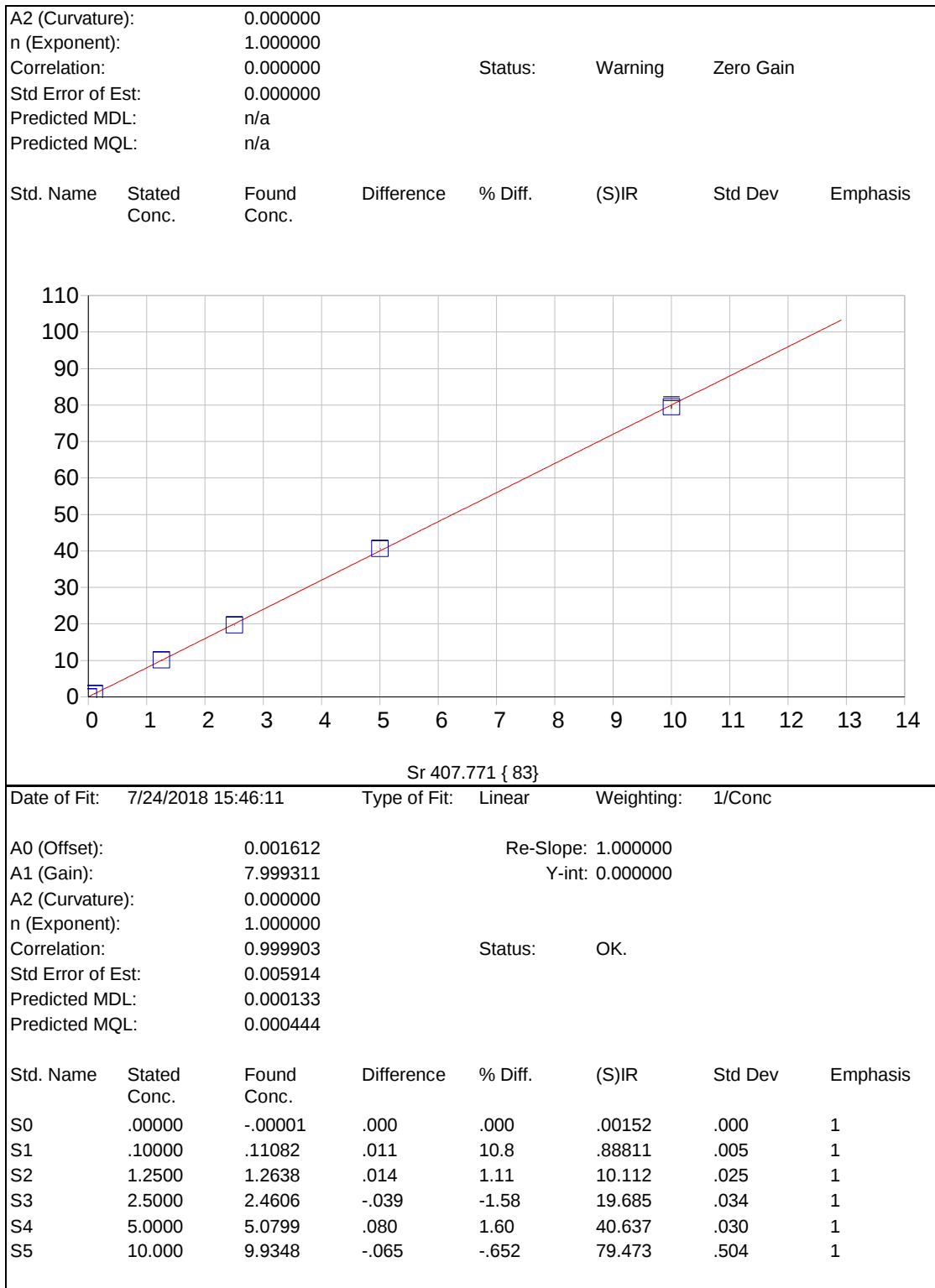


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 7/24/2018 15:12:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	-.00078	-.00107	-.00048	.00098	.00135	.00296	.01465	-.00276
Stddev	.00017	.00003	.00033	.00009	.00017	.00036	.00062	.00025
%RSD	21.403	3.1652	68.732	9.6168	12.215	12.290	4.2213	8.8967

#1	-.00096	-.00109	-.00022	.00100	.00153	.00309	.01462	-.00305
#2	-.00074	-.00110	-.00037	.00107	.00120	.00255	.01404	-.00263
#3	-.00064	-.00103	-.00085	.00088	.00133	.00324	.01528	-.00261

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	.00089	.00228	-.00002	-.00018	.00089	.00013	-.00014	-.00032
Stddev	.00022	.00016	.00010	.00013	.00026	.00005	.00012	.00031
%RSD	25.023	6.8138	559.21	75.024	28.936	40.154	85.266	96.119

#1	.00115	.00216	.00002	-.00004	.00117	.00007	-.00026	-.00002
#2	.00075	.00246	.00006	-.00019	.00083	.00018	-.00001	-.00031
#3	.00078	.00222	-.00013	-.00031	.00067	.00014	-.00016	-.00064

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	-.00313	-.00138	-.00637	.00020	-.00030	.05134	-.00100	.00765
Stddev	.00028	.00005	.00193	.00019	.00020	.00206	.00013	.00114
%RSD	8.8736	3.8948	30.304	97.284	66.032	4.0202	13.324	14.961

#1	-.00326	-.00137	-.00753	.00014	-.00032	.04898	-.00089	.00665
#2	-.00281	-.00144	-.00414	.00041	-.00048	.05282	-.00115	.00889
#3	-.00332	-.00133	-.00743	.00004	-.00009	.05221	-.00096	.00740

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	.00108	.00248	.00657	.00029	.00162	.01642	.00152	
Stddev	.00012	.00020	.00021	.00021	.00039	.00113	.00040	
%RSD	11.036	7.8820	3.2467	72.568	24.211	6.8569	26.102	

#1	.00107	.00269	.00659	.00008	.00147	.01578	.00181	
#2	.00097	.00246	.00634	.00029	.00206	.01576	.00107	
#3	.00120	.00230	.00677	.00051	.00133	.01772	.00169	

Sample Name: S0 Acquired: 7/24/2018 15:12:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	1990.3	2526.0	41747.	4952.7	3453.0
Stddev	9.6	5.1	97.	7.6	4.5
%RSD	.48137	.20082	.23232	.15426	.13133
#1	1983.2	2530.3	41681.	4944.8	3455.6
#2	2001.2	2527.3	41702.	4953.3	3455.6
#3	1986.5	2520.4	41858.	4960.1	3447.7

Sample Name: S1 Acquired: 7/24/2018 15:16:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	-.00016	.00040	.00169	.00567	.01550	.01767	.74590	.04513
Stddev	.00015	.00017	.00013	.00027	.00019	.00110	.00655	.00081
%RSD	99.376	40.931	7.9530	4.8261	1.2344	6.2021	.87866	1.8020

#1	.00000	.00059	.00157	.00556	.01537	.01894	.73989	.04433
#2	-.00015	.00032	.00165	.00599	.01541	.01706	.74491	.04512
#3	-.00031	.00029	.00183	.00547	.01572	.01702	.75289	.04595

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	.01788	.20202	.00184	.04536	.00371	.00178	.00299	.03181
Stddev	.00035	.00194	.00009	.00048	.00062	.00010	.00003	.00032
%RSD	1.9700	.95975	4.7925	1.0622	16.748	5.5043	.85891	1.0133

#1	.01813	.19980	.00174	.04556	.00332	.00177	.00301	.03192
#2	.01747	.20290	.00191	.04481	.00443	.00169	.00300	.03206
#3	.01803	.20337	.00185	.04570	.00338	.00188	.00296	.03144

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	.02633	.00191	.02954	.00222	.00146	.14415	-.00051	.01323
Stddev	.00026	.00008	.00115	.00052	.00072	.00129	.00001	.00103
%RSD	.97509	4.2219	3.9060	23.418	49.535	.89442	1.8119	7.7660

#1	.02631	.00193	.02826	.00247	.00229	.14386	-.00052	.01224
#2	.02608	.00197	.02988	.00162	.00103	.14303	-.00050	.01315
#3	.02660	.00182	.03049	.00256	.00106	.14556	-.00051	.01429

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	.01152	.00572	.05385	.00118	.02210	.07280	.88811	
Stddev	.00030	.00022	.00036	.00012	.00015	.00460	.00510	
%RSD	2.6397	3.7685	.67281	9.9431	.67178	6.3199	.57434	

#1	.01145	.00574	.05381	.00105	.02220	.07722	.88333	
#2	.01127	.00550	.05423	.00127	.02216	.06804	.88751	
#3	.01186	.00593	.05351	.00123	.02193	.07312	.89348	

Sample Name: S1 Acquired: 7/24/2018 15:16:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	1996.0	2511.3	41812.	5004.4	3493.1
Stddev	10.3	5.4	125.	7.8	5.4
%RSD	.51468	.21634	.29799	.15493	.15490
#1	2005.5	2515.5	41890.	4998.6	3491.9
#2	1985.1	2513.2	41669.	5001.4	3499.0
#3	1997.5	2505.1	41878.	5013.2	3488.4

Sample Name: S2 Acquired: 7/24/2018 15:21:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	.05500	.07001	.94397	.15510	.27047	2.2998	8.2234	1.0713
Stddev	.00027	.00017	.00368	.00102	.00152	.0109	.0345	.0033
%RSD	.48816	.23818	.39025	.65545	.56146	.47524	.41943	.30481

#1	.05472	.06983	.94173	.15393	.26930	2.2942	8.2319	1.0718
#2	.05501	.07005	.94195	.15558	.26992	2.2928	8.1855	1.0743
#3	.05526	.07016	.94822	.15579	.27219	2.3124	8.2529	1.0678

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	1.8415	2.3348	.61465	.50774	.31989	.53182	.65107	.36859
Stddev	.0053	.0064	.00094	.00107	.00107	.00180	.00432	.00136
%RSD	.29050	.27453	.15356	.21041	.33361	.33867	.66363	.36989

#1	1.8400	2.3343	.61357	.50739	.32009	.53191	.64826	.36872
#2	1.8371	2.3287	.61507	.50689	.31874	.52998	.64892	.36717
#3	1.8475	2.3415	.61531	.50894	.32085	.53358	.65605	.36989

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	.39602	.09103	.23507	.02816	.12146	.70678	.03751	.71686
Stddev	.00162	.00081	.00187	.00019	.00070	.00448	.00038	.00478
%RSD	.41006	.89324	.79571	.66888	.57272	.63413	1.0041	.66642

#1	.39479	.09178	.23305	.02808	.12225	.70269	.03711	.71984
#2	.39541	.09113	.23541	.02802	.12093	.70610	.03753	.71940
#3	.39786	.09017	.23675	.02837	.12121	.71157	.03787	.71135

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	1.1385	.04535	.59145	.15317	.23557	1.3577	10.112	
Stddev	.0034	.00045	.00258	.00072	.00111	.0066	.025	
%RSD	.29611	.98765	.43540	.47256	.47157	.48749	.24764	

#1	1.1379	.04488	.59421	.15249	.23470	1.3600	10.102	
#2	1.1354	.04539	.59105	.15309	.23520	1.3503	10.092	
#3	1.1421	.04577	.58911	.15393	.23683	1.3629	10.140	

Sample Name: S2 Acquired: 7/24/2018 15:21:03 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	1941.8	2417.0	41448.	4947.3	3419.3
Stddev	17.4	7.3	115.	20.0	9.9
%RSD	.89555	.30020	.27671	.40522	.28985
#1	1922.4	2420.3	41335.	4961.9	3423.3
#2	1956.1	2421.9	41565.	4955.5	3426.6
#3	1946.8	2408.6	41443.	4924.4	3408.0

Sample Name: S3 Acquired: 7/24/2018 15:24:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	.10819	.13759	1.8396	.30285	.52864	4.4803	15.991	2.0878
Stddev	.00091	.00046	.0074	.00120	.00297	.0071	.021	.0124
%RSD	.84492	.33694	.40414	.39614	.56165	.15911	.13023	.59504

#1	.10765	.13709	1.8368	.30210	.52893	4.4732	15.982	2.0738
#2	.10767	.13766	1.8339	.30222	.52554	4.4803	16.015	2.0922
#3	.10924	.13801	1.8480	.30423	.53146	4.4875	15.976	2.0974

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	3.5298	4.4958	1.1798	.98496	.61443	1.0208	1.2498	.71669
Stddev	.0128	.0032	.0019	.00366	.00071	.0034	.0026	.00185
%RSD	.36377	.07228	.15769	.37191	.11593	.33330	.20557	.25787

#1	3.5155	4.4969	1.1806	.98103	.61526	1.0239	1.2521	.71588
#2	3.5334	4.4984	1.1811	.98559	.61402	1.0172	1.2470	.71539
#3	3.5404	4.4921	1.1777	.98827	.61403	1.0214	1.2503	.71881

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	.76723	.18063	.45884	.05544	.23352	1.3346	.07503	1.4153
Stddev	.00261	.00054	.00038	.00038	.00240	.0014	.00063	.0113
%RSD	.34035	.29917	.08347	.69242	1.0282	.10246	.83500	.79815

#1	.76613	.18064	.45861	.05524	.23450	1.3340	.07432	1.4027
#2	.76536	.18009	.45928	.05520	.23078	1.3336	.07528	1.4189
#3	.77021	.18117	.45864	.05589	.23527	1.3361	.07550	1.4244

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	2.2263	.08786	1.1553	.29783	.45422	2.6389	19.685	
Stddev	.0098	.00065	.0062	.00091	.00050	.0012	.034	
%RSD	.43844	.73664	.53200	.30419	.11107	.04429	.17354	

#1	2.2215	.08720	1.1486	.29751	.45363	2.6376	19.709	
#2	2.2198	.08790	1.1566	.29713	.45446	2.6393	19.646	
#3	2.2375	.08849	1.1607	.29886	.45455	2.6398	19.700	

Sample Name: S3 Acquired: 7/24/2018 15:24:56 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	1938.4	2372.6	41845.	4944.9	3367.8
Stddev	12.3	8.2	156.	20.9	3.1
%RSD	.63219	.34754	.37210	.42342	.09201
#1	1941.2	2371.2	41862.	4963.5	3369.2
#2	1949.1	2381.4	41991.	4948.9	3369.9
#3	1925.0	2365.1	41681.	4922.3	3364.2

Sample Name: S4 Acquired: 7/24/2018 15:28:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	.22753	.28403	3.8271	.62508	1.1086	9.4514	33.096	4.2271
Stddev	.00194	.00105	.0088	.00516	.0074	.0019	.047	.0359
%RSD	.85221	.36878	.22867	.82490	.66540	.02010	.14176	.84934

#1	.22718	.28362	3.8244	.62470	1.1073	9.4512	33.150	4.2525
#2	.22579	.28324	3.8201	.62013	1.1019	9.4496	33.065	4.2428
#3	.22962	.28522	3.8369	.63042	1.1165	9.4534	33.073	4.1860

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	7.1849	9.2198	2.3972	2.0342	1.2620	2.0823	2.5373	1.4918
Stddev	.0123	.0100	.0043	.0028	.0043	.0057	.0038	.0018
%RSD	.17075	.10799	.18078	.13720	.34148	.27380	.14996	.12187

#1	7.1755	9.2197	2.3962	2.0317	1.2609	2.0758	2.5330	1.4904
#2	7.1804	9.2299	2.3934	2.0337	1.2668	2.0863	2.5393	1.4938
#3	7.1988	9.2100	2.4019	2.0372	1.2584	2.0849	2.5397	1.4911

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	1.5783	.38315	.95794	.11397	.49258	2.7361	.15950	2.9341
Stddev	.0045	.00153	.00166	.00035	.00274	.0035	.00101	.0273
%RSD	.28757	.39846	.17358	.30320	.55655	.12648	.63262	.93141

#1	1.5750	.38473	.95630	.11396	.49047	2.7366	.15936	2.9484
#2	1.5764	.38303	.95962	.11363	.49159	2.7325	.15856	2.9514
#3	1.5835	.38168	.95789	.11432	.49568	2.7393	.16056	2.9026

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	4.6649	.18415	2.3242	.61798	.93154	5.5232	40.637	
Stddev	.0276	.00032	.0184	.00259	.00378	.0049	.030	
%RSD	.59214	.17612	.79189	.41897	.40575	.08912	.07318	

#1	4.6604	.18419	2.3355	.61815	.93535	5.5289	40.649	
#2	4.6398	.18381	2.3341	.61531	.93148	5.5200	40.660	
#3	4.6945	.18446	2.3029	.62047	.92780	5.5208	40.604	

Sample Name: S4 Acquired: 7/24/2018 15:28:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	1817.9	2217.4	40177.	4804.8	3168.4
Stddev	2.8	12.7	180.	11.3	5.9
%RSD	.15279	.57301	.44711	.23583	.18541
#1	1821.1	2218.7	40115.	4795.5	3171.3
#2	1816.3	2229.4	40379.	4801.4	3172.3
#3	1816.2	2204.1	40036.	4817.4	3161.7

Sample Name: S5 Acquired: 7/24/2018 15:32:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	.46835	.55777	7.7390	1.2346	2.2810	19.009	65.686	8.2263
Stddev	.00213	.00109	.0355	.0072	.0106	.029	.169	.0302
%RSD	.45408	.19572	.45909	.58607	.46485	.15172	.25729	.36706

#1	.46659	.55720	7.7188	1.2314	2.2752	18.984	65.491	8.1915
#2	.46774	.55709	7.7182	1.2295	2.2745	19.002	65.791	8.2445
#3	.47071	.55903	7.7800	1.2429	2.2932	19.040	65.776	8.2431

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	14.166	18.078	4.6486	4.0579	2.4849	4.0156	4.9212	2.9729
Stddev	.060	.059	.0010	.0160	.0043	.0238	.0157	.0189
%RSD	.42572	.32861	.02234	.39443	.17420	.59195	.31968	.63632

#1	14.138	18.009	4.6498	4.0498	2.4818	3.9885	4.9034	2.9511
#2	14.125	18.110	4.6483	4.0476	2.4830	4.0257	4.9272	2.9842
#3	14.235	18.114	4.6478	4.0764	2.4898	4.0328	4.9331	2.9835

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	3.1399	.77977	1.9028	.22321	1.0147	5.4829	.32552	5.8141
Stddev	.0147	.00788	.0040	.00126	.0157	.0170	.00093	.0296
%RSD	.46919	1.0111	.21144	.56596	1.5486	.30972	.28691	.50991

#1	3.1301	.78742	1.8995	.22465	1.0328	5.4634	.32540	5.7817
#2	3.1327	.78023	1.9073	.22226	1.0062	5.4921	.32465	5.8398
#3	3.1568	.77167	1.9016	.22274	1.0050	5.4934	.32651	5.8208

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	9.6345	.37404	4.5032	1.2456	1.8304	11.195	79.473	
Stddev	.0440	.00152	.0147	.0049	.0018	.038	.504	
%RSD	.45663	.40733	.32669	.39384	.09879	.33927	.63374	

#1	9.6114	.37437	4.4873	1.2430	1.8310	11.152	78.908	
#2	9.6070	.37237	4.5163	1.2426	1.8284	11.223	79.637	
#3	9.6853	.37536	4.5059	1.2513	1.8319	11.211	79.875	

Sample Name: S5 Acquired: 7/24/2018 15:32:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	1699.8	2033.7	39525.	4768.9	2964.0
Stddev	16.2	10.0	257.	29.3	11.6
%RSD	.95561	.49232	.65003	.61360	.39002
#1	1687.9	2043.5	39301.	4802.6	2974.6
#2	1693.2	2034.2	39469.	4754.3	2965.8
#3	1718.3	2023.5	39805.	4749.9	2951.7

Sample Name: S6 Acquired: 7/24/2018 15:36:31 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	52.603	29.060	10.939	5.0006	5.4824
Stddev	.263	.176	.086	.0343	.0490
%RSD	.50085	.60607	.78769	.68633	.89354

#1	52.899	29.189	10.984	5.0178	5.5058
#2	52.393	29.132	10.992	5.0229	5.5153
#3	52.518	28.860	10.839	4.9611	5.4261

Int. Std.	Y_3710
Units	Cts/S
Avg	4705.4
Stddev	24.4
%RSD	.51903

#1	4687.3
#2	4695.7
#3	4733.2

Sample Name: ICV Acquired: 7/24/2018 15:52:13 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	1.002254	1.070425	1.035993	1.002349	.9510556	2.371941
Stddev	.007916	.003208	.001807	.004524	.0041030	.016837
%RSD	.7898644	.2996835	.1743908	.4513066	.4314109	.7098274

#1	.996999	1.068040	1.036526	.997147	.9476006	2.391377
#2	.998404	1.069163	1.033980	1.004537	.9499756	2.362617
#3	1.011359	1.074072	1.037473	1.005363	.9555905	2.361829

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5257425	.5101313	.5296016	10.27220	.5218505	.5235080
Stddev	.0013707	.0019142	.0020749	.05096	.0004222	.0015096
%RSD	.2607106	.3752424	.3917931	.4960911	.0808988	.2883539

#1	.5267425	.5097746	.5291698	10.26162	.5220246	.5244010
#2	.5241801	.5084206	.5277766	10.22736	.5213692	.5217651
#3	.5263050	.5121988	.5318585	10.32762	.5221579	.5243579

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5229124	5.417465	.5285061	5.888843	.5315974	.4758095
Stddev	.0048176	.037167	.0012772	.078035	.0018211	.0039272
%RSD	.9213039	.6860637	.2416691	1.325136	.3425698	.8253740

#1	.5284104	5.424882	.5299645	5.828096	.5305286	.4791233
#2	.5208965	5.450365	.5279670	5.861581	.5305635	.4768336
#3	.5194301	5.377148	.5275867	5.976852	.5337002	.4714718

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.23626	.5471042	1.013454	9.494457	F .0146698	F .0089169
Stddev	.44577	.0101464	.024888	.050992	.0038001	.0007801
%RSD	4.354851	1.854558	2.455797	.5370660	25.90429	8.748352

#1	10.75003	.5361000	1.024636	9.506441	.0187554	.0096317
#2	9.95212	.5491235	1.030791	9.438541	.0112407	.0090342
#3	10.00663	.5560891	.984936	9.538390	.0140133	.0080848

Sample Name: ICV Acquired: 7/24/2018 15:52:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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 .0003908	-.020661	.0076628	F -.000865	-.000022	.0005634
Stddev	.0003704	.003615	.0004657	.000355	.002411	.0006970
%RSD	94.77375	17.49466	6.077824	41.04842	11046.14	123.6971

#1	.0000739	-.024829	.0080908	-.000896	.002652	.0013330
#2	.0003005	-.018393	.0077308	-.000496	-.002030	.0003829
#3	.0007980	-.018760	.0071668	-.001205	-.000687	-.000025

Elem	Sr4077
Units	ppm
Avg	.0120465
Stddev	.0001939
%RSD	1.609292

#1	.0122674
#2	.0119674
#3	.0119048

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2029.419	2492.416	42655.32	5028.736	3513.540
Stddev	12.345	5.162	148.72	23.125	9.171
%RSD	.6083261	.2071163	.3486595	.4598594	.2610325

#1	2032.730	2489.291	42680.77	5049.990	3506.408
#2	2015.756	2498.374	42495.51	5032.109	3523.886
#3	2039.772	2489.582	42789.67	5004.110	3510.327

Sample Name: ICB Acquired: 7/24/2018 15:56:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	.0063012	-.002186	.0015623	.0012598	.0015144	.0174972	-.000392
Stddev	.0020703	.000604	.0004923	.0013569	.0007376	.0209354	.000297
%RSD	32.85548	27.65148	31.51120	107.7069	48.70723	119.6497	75.83043

#1	.0039415	-.002799	.0017613	.0014295	.0006896	.0238242	-.000677
#2	.0078126	-.002169	.0010016	.0025238	.0021107	.0345393	-.000416
#3	.0071494	-.001590	.0019239	-.000174	.0017428	-.005872	-.000084

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000500	.0000132	-.003841	.0002180	-.000403	.0014857	-.011141
Stddev	.0000380	.0000305	.018211	.0001440	.000312	.0011799	.002434
%RSD	76.01122	230.6008	474.1482	66.07605	77.47655	79.41620	21.84764

#1	.0000907	.0000205	.011456	.0003820	-.000726	.0021096	-.013719
#2	.0000440	-.000020	-.023985	.0001120	-.000380	.0001249	-.010819
#3	.0000154	.000039	.001007	.0001600	-.000103	.0022226	-.008884

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007895	.0020454	-.000757	.0002550	.1882740	-.006584	-.005638
Stddev	.0004098	.0156668	.000358	.0003142	.5576302	.001427	.010921
%RSD	51.91267	765.9643	47.20286	123.1929	296.1802	21.68234	193.7134

#1	.0006083	-.013269	-.000408	-.000092	.3368577	-.007410	.005243
#2	.0012587	.001363	-.000742	.000339	.6565626	-.004935	-.016598
#3	.0005015	.018042	-.001122	.000519	-.428598	-.007406	-.005557

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.079307	-.001159	-.000177	-.000127	-.035336	.0010868	-.000138
Stddev	.079510	.003053	.000638	.000227	.001629	.0014521	.000464
%RSD	100.2560	263.3529	360.1321	179.3215	4.611199	133.6053	337.4750

#1	-.114065	-.003444	.000307	.000089	-.035539	.0024309	.000014
#2	.011664	.002308	.000061	-.000364	-.033614	.0012829	.000232
#3	-.135519	-.002342	-.000900	-.000105	-.036854	-.000453	-.000658

Sample Name: ICB Acquired: 7/24/2018 15:56:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	.0015321	-.002087	-.000024
Stddev	.0012184	.002163	.000125
%RSD	79.52717	103.6604	510.2814

#1	.0011914	-.003474	-.000104
#2	.0005202	.000406	.000119
#3	.0028846	-.003192	-.000089

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2019.684	2474.059	42310.00	5005.692	3418.643
Stddev	4.256	9.453	156.76	13.410	14.384
%RSD	.2107323	.3820807	.3704965	.2678957	.4207651

#1	2022.266	2472.449	42201.10	5007.300	3420.864
#2	2014.772	2484.213	42489.66	4991.550	3431.787
#3	2022.015	2465.514	42239.24	5018.225	3403.277

Sample Name: ICSA Acquired: 7/24/2018 16:00:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	.0039422	.0018996	-.002745	-.007933	.0031437	253.1724
Stddev	.0026963	.0017788	.003736	.004774	.0007901	.1268
%RSD	68.39690	93.64132	136.1212	60.18311	25.13275	.0500720

#1	.0058357	.0000318	.000195	-.003068	.0036432	253.2388
#2	.0051358	.0035736	-.006948	-.012612	.0022328	253.0262
#3	.0008551	.0020934	-.001480	-.008119	.0035550	253.2522

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061617	.0009584	-.000797	256.7017	.0512160	.0002172
Stddev	.0004046	.0000312	.000015	1.0326	.0003877	.0002904
%RSD	6.566626	3.259797	1.923870	.4022381	.7569870	133.7107

#1	.0057536	.0009227	-.000785	257.7981	.0509264	-.000097
#2	.0065627	.0009714	-.000793	255.7478	.0516564	.000274
#3	.0061689	.0009810	-.000815	256.5592	.0510652	.000475

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001952	106.9020	.0127587	262.3382	.0013580	.0000615
Stddev	.006150	.4607	.0004979	1.0889	.0002518	.0005666
%RSD	315.1149	.4309851	3.902560	.4150648	18.54448	920.6795

#1	-.004473	107.4334	.0123701	263.5936	.0016486	-.000008
#2	-.006441	106.6587	.0133200	261.7708	.0012202	.000660
#3	.005059	106.6140	.0125860	261.6502	.0012051	-.000467

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.081365	-.007543	-.004815	.0503484	.0024338	F .1334729
Stddev	.338336	.012066	.016755	.0563265	.0057824	.0013012
%RSD	415.8245	159.9624	348.0103	111.8735	237.5829	.9748704

#1	-.437182	-.012153	.014329	.0918621	.0015758	.1348842
#2	.236245	-.016623	-.016809	.0729520	-.002872	.1332134
#3	-.043158	.006148	-.011964	-.013769	.008597	.1323210

Sample Name: ICSA Acquired: 7/24/2018 16:00:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	.0015385	-.028358	.0003976	-.002861	-.003742	.0042112
Stddev	.0004511	.002052	.0009405	.000551	.002113	.0016653
%RSD	29.31926	7.235133	236.5238	19.26253	56.46364	39.54377

#1	.0010986	-.027924	.0004776	-.002573	-.002819	.0039784
#2	.0020000	-.026557	.0012955	-.003496	-.006158	.0059806
#3	.0015168	-.030592	-.000580	-.002514	-.002247	.0026746

Elem	Sr4077
Units	ppm
Avg	.1091812
Stddev	.0005891
%RSD	.5395804

#1	.1097728
#2	.1085946
#3	.1091763

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1918.484	2337.765	40819.06	4870.195	3233.864
Stddev	25.124	11.269	144.19	18.970	16.457
%RSD	1.309565	.4820209	.3532406	.3895127	.5089014

#1	1897.191	2343.216	40669.06	4850.917	3245.736
#2	1946.194	2345.271	40956.63	4888.842	3240.778
#3	1912.066	2324.807	40831.50	4870.828	3215.078

Sample Name: ICSAB Acquired: 7/24/2018 16:04:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	.0992037	.1060713	.0506560	.0433475	.6159119	250.2481
Stddev	.0024580	.0033318	.0025843	.0029187	.0029349	1.0502
%RSD	2.477748	3.141115	5.101613	6.733274	.4765102	.4196722

#1	.1016820	.1096308	.0535187	.0439168	.6152313	251.3606
#2	.0967665	.1055559	.0484951	.0459397	.6133770	249.2738
#3	.0991627	.1030272	.0499543	.0401861	.6191272	250.1099

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5489779	.5260525	1.064315	254.4163	.5908468	.5331000
Stddev	.0009389	.0052065	.006447	.2166	.0016716	.0028591
%RSD	.1710345	.9897368	.6057846	.0851511	.2829109	.5363142

#1	.5499556	.5282026	1.059178	254.6465	.5889262	.5301077
#2	.5480832	.5201153	1.062217	254.2164	.5919733	.5333881
#3	.5488949	.5298396	1.071550	254.3861	.5916410	.5358041

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5175630	106.2084	.5464182	260.5376	1.080146	.1840814
Stddev	.0101332	.0625	.0056589	.1171	.004680	.0005346
%RSD	1.957868	.0588800	1.035643	.0449515	.4332626	.2904086

#1	.5107733	106.2694	.5492635	260.6439	1.075611	.1834655
#2	.5127053	106.2114	.5500898	260.5568	1.079868	.1844250
#3	.5292105	106.1444	.5399013	260.4121	1.084958	.1843537

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112570	.5466460	1.053832	-.182347	.0168406	F .1296706
Stddev	.0756825	.0082267	.026585	.043767	.0016461	.0016789
%RSD	672.3180	1.504943	2.522669	24.00195	9.774541	1.294745

#1	.0896331	.5520245	1.084510	-.134429	.0187236	.1306568
#2	-.061408	.5507377	1.037545	-.220213	.0161240	.1306229
#3	.005546	.5371757	1.039442	-.192399	.0156744	.1277321

Sample Name: ICSAB Acquired: 7/24/2018 16:04:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	.0032121	-.030885	.0010328	-.005088	-.002626	.0027990
Stddev	.0005022	.001265	.0015878	.000748	.000786	.0022089
%RSD	15.63590	4.095065	153.7474	14.69258	29.95130	78.91938

#1	.0037692	-.032327	.0026959	-.005724	-.002649	.0021230
#2	.0027939	-.030363	-.000467	-.005274	-.003400	.0010070
#3	.0030732	-.029965	.000870	-.004265	-.001828	.0052669

Elem	Sr4077
Units	ppm
Avg	.1083652
Stddev	.0003324
%RSD	.3067529

#1	.1087414
#2	.1082432
#3	.1081111

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1928.739	2347.833	41098.87	4943.215	3246.221
Stddev	10.607	3.753	184.22	24.286	13.195
%RSD	.5499660	.1598299	.4482472	.4913076	.4064670

#1	1925.205	2349.484	41148.54	4919.200	3257.584
#2	1920.350	2350.476	40894.90	4967.764	3249.328
#3	1940.662	2343.538	41253.16	4942.680	3231.749

Sample Name: CCV075 Acquired: 7/24/2018 16:08:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.943556	5.061841	25.50838	4.819805	4.996499	424.9430	10.32641
Stddev	.015634	.014472	.09024	.003237	.020306	1.7795	.03020
%RSD	.3162459	.2859113	.3537740	.0671608	.4064015	.4187657	.2924943

#1	4.931372	5.047474	25.46297	4.816896	4.990158	425.3639	10.35918
#2	4.938112	5.061633	25.44986	4.819227	4.980120	422.9907	10.32035
#3	4.961184	5.076417	25.61230	4.823292	5.019218	426.4743	10.29969

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5069844	2.531174	416.6715	15.68563	2.566261	15.59358	423.8841
Stddev	.0024114	.008206	.9376	.00881	.007755	.04941	1.4743
%RSD	.4756345	.3241897	.2250124	.0561537	.3021747	.3168901	.3477967

#1	.5085749	2.525718	417.6424	15.68219	2.561832	15.59279	424.2854
#2	.5081685	2.527192	416.6009	15.67907	2.561737	15.54457	425.1161
#3	.5042099	2.540611	415.7713	15.69564	2.575215	15.64339	422.2507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.14745	416.0151	2.608231	1.285759	418.0233	2.603327	15.33144
Stddev	.00814	1.4072	.008270	.010682	1.7633	.030012	.14881
%RSD	.0537553	.3382576	.3170765	.8307769	.4218198	1.152843	.9706263

#1	15.15399	416.3645	2.601362	1.293238	418.8683	2.609538	15.22121
#2	15.15002	417.2147	2.605919	1.290514	419.2052	2.570695	15.27240
#3	15.13833	414.4661	2.617410	1.273526	415.9966	2.629747	15.50071

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.4117	5.344743	5.382883	5.014671	5.160147	5.057794	5.158320
Stddev	.4034	.017704	.036970	.019386	.032273	.020879	.008963
%RSD	.2562927	.3312469	.6867978	.3865814	.6254330	.4128017	.1737591

#1	157.0564	5.330515	5.413005	5.001708	5.129007	5.067089	5.150144
#2	157.3285	5.339143	5.394018	5.005348	5.157989	5.072411	5.156913
#3	157.8502	5.364569	5.341626	5.036957	5.193445	5.033882	5.167903

Sample Name: CCV075 Acquired: 7/24/2018 16:08:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.183749	5.251358	5.195504
Stddev	.032930	.006030	.003034
%RSD	.6352494	.1148278	.0583988

#1	5.183504	5.253735	5.197036
#2	5.150942	5.244502	5.192009
#3	5.216800	5.255838	5.197466

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1756.755	2111.001	39370.71	4708.733	2950.602
Stddev	2.858	4.894	73.78	4.520	6.536
%RSD	.1626966	.2318333	.1873975	.0959992	.2215063

#1	1758.592	2110.991	39341.73	4706.486	2949.642
#2	1753.462	2115.900	39315.82	4705.776	2957.564
#3	1758.210	2106.112	39454.58	4713.937	2944.599

Sample Name: CCB075 Acquired: 7/24/2018 16:12:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042275	-.000751	.0021751	.0013570	.0011607	.0094538	-.000307
Stddev	.0031972	.002352	.0018861	.0008903	.0006067	.0227397	.000339
%RSD	75.62974	313.1234	86.71191	65.60943	52.27152	240.5355	110.3377

#1	.0005393	.000422	.0010555	.0003487	.0018360	-.010577	-.000567
#2	.0062145	.000784	.0011171	.0020350	.0009846	.004766	.000076
#3	.0059286	-.003459	.0043526	.0016874	.0006615	.034172	-.000431

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000556	.0000456	-.001209	.0002357	-.000356	.0021019	.0185637
Stddev	.0000112	.0000861	.006857	.0001256	.000188	.0009044	.0171034
%RSD	20.12433	188.8930	566.9740	53.31726	52.98092	43.02916	92.13376

#1	.0000584	-.000052	.006304	.0001978	-.000472	.0026940	.0381652
#2	.0000651	.000076	-.007132	.0003759	-.000457	.0010608	.0066744
#3	.0000433	.000113	-.002800	.0001333	-.000138	.0025508	.0108515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009448	-.040178	-.000321	.0003721	-.219800	-.004261	-.013587
Stddev	.0001391	.040278	.000397	.0004631	.178810	.003999	.007389
%RSD	14.72510	100.2481	123.4362	124.4311	81.35135	93.85098	54.38330

#1	.0010282	-.013419	-.000461	-.000139	-.352369	-.008714	-.021546
#2	.0010220	-.086501	.000126	.000493	-.016431	-.003095	-.006945
#3	.0007842	-.020615	-.000629	.000763	-.290599	-.000975	-.012270

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.090643	.0000993	.0046608	.0001720	-.036805	.0001738	.0002331
Stddev	.007540	.0021715	.0002135	.0002037	.005226	.0003142	.0014243
%RSD	8.318492	2185.933	4.579874	118.4902	14.19903	180.8129	611.1441

#1	-.086594	.0016902	.0044146	.0000517	-.042518	.0003560	.0014577
#2	-.085992	.0009824	.0047740	.0000570	-.035630	.0003544	.0005714
#3	-.099343	-.002375	.0047939	.0004072	-.032266	-.000189	-.001330

Sample Name: CCB075 Acquired: 7/24/2018 16:12:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB075 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001385	-.002131	.0000594
Stddev	.0005326	.001629	.0001718
%RSD	384.4677	76.42982	289.4603

#1	-.000355	-.001861	-.000037
#2	.000703	-.000654	-.000043
#3	.000067	-.003878	.000258

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2057.700	2494.338	43118.96	5022.350	3452.678
Stddev	17.368	12.489	110.93	38.445	12.558
%RSD	.8440549	.5006951	.2572561	.7654754	.3637222

#1	2057.063	2486.416	43148.84	4996.075	3442.413
#2	2075.379	2508.735	43211.89	5004.500	3466.681
#3	2040.660	2487.863	42996.16	5066.475	3448.939

Sample Name: PB111416BL Acquired: 7/24/2018 16:16:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	.0022554	-.003104	.0034127	.0001082	.0003248	.0265086	-.000016
Stddev	.0035630	.004266	.0015028	.0012361	.0009715	.0066237	.000834
%RSD	157.9753	137.4391	44.03547	1142.408	299.0868	24.98699	5180.197

#1	-.000009	.001096	.0040068	-.000293	-.000701	.0301462	.000245
#2	.006362	-.002975	.0017037	.001495	.000445	.0305165	.000656
#3	.000413	-.007433	.0045277	-.000878	.001230	.0188632	-.000949

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000333	-.000006	.0050302	-.000058	-.000006	.0047374	-.011618
Stddev	.0000486	.000035	.0108570	.000307	.000079	.0013609	.013065
%RSD	145.7027	542.3889	215.8385	530.4040	1368.667	28.72684	112.4522

#1	.0000674	-.000021	.0146796	-.000070	-.000021	.0038252	-.025619
#2	.0000549	-.000032	.0071367	-.000359	.000080	.0063016	-.009480
#3	-.000022	.000034	-.006726	.000255	-.000076	.0040853	.000246

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012178	.0206628	-.000300	-.000054	.1605244	-.005253	.0047588
Stddev	.0002734	.0507694	.000246	.000331	.2510447	.005973	.0021685
%RSD	22.44927	245.7045	82.15454	614.6545	156.3903	113.7204	45.56865

#1	.0009794	.0185603	-.000301	.000191	.3904497	-.012101	.0064340
#2	.0011579	.0724507	-.000053	.000078	-.107324	-.002537	.0055329
#3	.0015162	-.029023	-.000546	-.000431	.198448	-.001120	.0023094

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018362	.0003055	-.000382	-.000211	-.040693	-.000922	-.000259
Stddev	.062366	.0034568	.000539	.000097	.003079	.000701	.000662
%RSD	339.6579	1131.621	140.9651	46.22055	7.565538	76.05809	255.2518

#1	.028755	-.000895	.000044	-.000206	-.038860	-.001010	.000342
#2	.005246	.004203	-.000988	-.000116	-.044247	-.000181	-.000969
#3	-.089085	-.002391	-.000202	-.000310	-.038970	-.001576	-.000151

Sample Name: PB111416BL Acquired: 7/24/2018 16:16:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	-.000994	-.004782	-.000077
Stddev	.001270	.001135	.000054
%RSD	127.8410	23.73464	70.56323

#1	.000369	-.004664	-.000082
#2	-.002144	-.003710	-.000128
#3	-.001206	-.005971	-.000020

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.416	2444.842	42132.92	4956.342	3385.873
Stddev	11.427	9.141	38.59	15.913	10.824
%RSD	.5681203	.3739083	.0915911	.3210613	.3196711

#1	2014.619	2447.900	42118.85	4974.600	3392.007
#2	2020.900	2452.062	42176.57	4945.425	3392.236
#3	1998.729	2434.563	42103.34	4949.000	3373.375

Sample Name: PB111416BS Acquired: 7/24/2018 16:20:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	.0204749	.0547566	.0255327	.0742679	.1270011	.4241642
Stddev	.0011306	.0019492	.0027529	.0024947	.0010634	.0130194
%RSD	5.521973	3.559815	10.78171	3.359002	.8373174	3.069426

#1	.0196207	.0539008	.0264011	.0715750	.1266786	.4389731
#2	.0217570	.0533817	.0277465	.0747284	.1261362	.4145176
#3	.0200468	.0569873	.0224503	.0765002	.1281884	.4190019

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4311594	.0108008	.0104036	10.63050	.0224741	.1088687
Stddev	.0029660	.0000926	.0000668	.05718	.0005553	.0006192
%RSD	.6879199	.8572302	.6425717	.5378921	2.470862	.5687706

#1	.4315981	.0109048	.0103862	10.58487	.0228788	.1086318
#2	.4279984	.0107273	.0103471	10.61198	.0227024	.1084029
#3	.4338817	.0107703	.0104774	10.69464	.0218410	.1095714

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0513125	.2261406	.0348306	10.16683	.0833551	.0205441
Stddev	.0062694	.0288250	.0013323	.10105	.0003188	.0003176
%RSD	12.21814	12.74651	3.825194	.9939495	.3824372	1.545741

#1	.0551597	.2353769	.0345390	10.28339	.0837231	.0205084
#2	.0546998	.1938295	.0336681	10.11338	.0831771	.0202459
#3	.0440781	.2492154	.0362845	10.10374	.0831651	.0208780

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.55892	.1115604	.1253960	10.08777	F .0298907	F .0185470
Stddev	.24012	.0055116	.0120101	.03212	.0004568	.0007140
%RSD	2.274108	4.940432	9.577764	.3184059	1.528314	3.849606

#1	10.77957	.1137834	.1165777	10.12177	.0303617	.0181939
#2	10.30319	.1052845	.1205358	10.08361	.0294495	.0180784
#3	10.59402	.1156134	.1390746	10.05793	.0298607	.0193688

Sample Name: PB111416BS Acquired: 7/24/2018 16:20:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) 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	.0213762	.1664380	.2040188	F .0156982	.2214596	.0967407
Stddev	.0001735	.0042138	.0016896	.0003265	.0008558	.0020358
%RSD	.8119035	2.531765	.8281773	2.079911	.3864243	2.104349

#1	.0214457	.1635430	.2059624	.0160253	.2204727	.0957482
#2	.0211786	.1644987	.2029004	.0156971	.2219964	.0953916
#3	.0215041	.1712723	.2031935	.0153723	.2219097	.0990824

Elem	Sr4077
Units	ppm
Avg	.2180335
Stddev	.0012684
%RSD	.5817477

#1	.2165938
#2	.2185205
#3	.2189863

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.364	2481.612	42597.25	5029.658	3504.842
Stddev	1.936	8.254	133.52	17.634	10.188
%RSD	.0953688	.3326245	.3134560	.3506009	.2906892

#1	2032.148	2480.215	42710.92	5015.325	3503.002
#2	2028.305	2490.476	42450.21	5049.350	3515.825
#3	2030.640	2474.145	42630.63	5024.300	3495.699

Sample Name: J4077-01 Acquired: 7/24/2018 16:24:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149907	-.006759	.0347136	-.002893	.0020620	47.46979	.0809531
Stddev	.0039404	.000571	.0025415	.001948	.0017909	.04186	.0003895
%RSD	26.28556	8.454288	7.321300	67.34847	86.85490	.0881860	.4811527

#1	.0104627	-.007401	.0340630	-.000673	.0018994	47.43521	.0811434
#2	.0168675	-.006307	.0325606	-.004317	.0039287	47.51633	.0805050
#3	.0176418	-.006568	.0375171	-.003688	.0003579	47.45783	.0812108

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015599	.0003747	80.49777	.1828215	.0377326	.0660649	97.71840
Stddev	.0000554	.0000304	.05625	.0001752	.0001941	.0014314	.33890
%RSD	3.553816	8.105435	.0698775	.0958065	.5143687	2.166604	.3468083

#1	.0015923	.0003412	80.49218	.1830092	.0376966	.0676593	98.08341
#2	.0015915	.0004005	80.44452	.1827930	.0375590	.0656452	97.41372
#3	.0014959	.0003825	80.55660	.1826624	.0379422	.0648904	97.65806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.066265	31.98255	.1916644	.0008908	33.45567	.2194174	.2326229
Stddev	.003734	.10567	.0005786	.0002254	.20906	.0121125	.0074700
%RSD	.3501491	.3304125	.3018607	25.30196	.6248913	5.520314	3.211227

#1	1.067408	32.10298	.1910104	.0007903	33.69534	.2111334	.2278490
#2	1.062093	31.90530	.1921095	.0011489	33.31083	.2138000	.2412315
#3	1.069293	31.93939	.1918734	.0007331	33.36084	.2333188	.2287882

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.907570	2.080539	.1626055	.0073029	16.35287	2.171929	.0066389
Stddev	.070400	.017701	.0004337	.0001120	.08199	.016910	.0012464
%RSD	1.434528	.8507657	.2667450	1.533824	.5013677	.7785771	18.77396

#1	4.833934	2.060102	.1621062	.0074007	16.25846	2.191418	.0059767
#2	4.914562	2.090511	.1628892	.0073272	16.40618	2.161147	.0080766
#3	4.974213	2.091004	.1628210	.0071807	16.39396	2.163222	.0058633

Sample Name: J4077-01 Acquired: 7/24/2018 16:24:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.636759	.0588076	.7389663
Stddev	.008216	.0020376	.0013273
%RSD	.2259246	3.464806	.1796139

#1	3.629267	.0564719	.7403316
#2	3.645546	.0602206	.7388864
#3	3.635466	.0597303	.7376807

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.412	2562.560	44258.21	5264.963	3495.290
Stddev	19.741	9.637	135.10	22.645	11.573
%RSD	.9425425	.3760745	.3052541	.4300987	.3311072

#1	2090.563	2564.822	44250.65	5282.795	3505.512
#2	2115.793	2570.865	44396.93	5239.485	3497.633
#3	2076.879	2551.993	44127.05	5272.609	3482.725

Sample Name: J4077-02 Acquired: 7/24/2018 16:28:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185842	-.009842	.0481872	-.000010	.0034940	58.16269	.1134475
Stddev	.0014423	.001797	.0011230	.001817	.0006247	.19883	.0006521
%RSD	7.761063	18.25629	2.330508	17328.83	17.87926	.3418546	.5748175

#1	.0188036	-.011777	.0490474	.000973	.0027770	58.14969	.1126975
#2	.0170448	-.009526	.0469167	-.002107	.0037840	57.97068	.1138806
#3	.0199043	-.008225	.0485975	.001102	.0039210	58.36771	.1137644

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019264	.0010709	26.94502	.2019999	.0448926	.1022062	114.0615
Stddev	.0000449	.0000719	.11451	.0006853	.0002641	.0050465	.0291
%RSD	2.332618	6.717229	.4249763	.3392692	.5882947	4.937536	.0255270

#1	.0019345	.0010410	26.85450	.2027609	.0448707	.1078090	114.0838
#2	.0018780	.0010187	26.90680	.2014315	.0446401	.1007918	114.0722
#3	.0019668	.0011530	27.07375	.2018072	.0451670	.0980179	114.0286

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.311808	37.16071	.2330855	.0012128	29.26224	.2460131	.2578510
Stddev	.001556	.19531	.0008280	.0001154	.11384	.0046750	.0232741
%RSD	.1186526	.5255775	.3552510	9.513405	.3890401	1.900319	9.026178

#1	1.310448	36.93519	.2325861	.0011992	29.27984	.2511419	.2712144
#2	1.311470	37.27486	.2326291	.0013345	29.14062	.2449073	.2309765
#3	1.313506	37.27208	.2340413	.0011049	29.36625	.2419901	.2713621

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.931222	2.409587	.1917756	.0170753	24.22728	2.499018	.0157595
Stddev	.042484	.012372	.0028757	.0002127	.09544	.068710	.0007235
%RSD	.7162733	.5134611	1.499525	1.245913	.3939489	2.749497	4.590601

#1	5.882356	2.403519	.1900536	.0168345	24.25126	2.576084	.0155590
#2	5.951922	2.401420	.1950955	.0171537	24.12213	2.444152	.0165621
#3	5.959389	2.423822	.1901778	.0172378	24.30845	2.476818	.0151575

Sample Name: J4077-02 Acquired: 7/24/2018 16:28:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.219436	.0735072	.1833979
Stddev	.015441	.0003467	.0003502
%RSD	.3659456	.4716807	.1909639

#1	4.222052	.0732589	.1833306
#2	4.202854	.0733595	.1830861
#3	4.233401	.0739034	.1837768

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.207	2627.119	45404.72	5382.240	3558.885
Stddev	7.775	3.854	131.04	15.153	8.686
%RSD	.3609391	.1467156	.2886047	.2815446	.2440654

#1	2151.520	2622.773	45512.59	5383.772	3551.999
#2	2162.970	2630.123	45442.70	5396.570	3568.644
#3	2148.132	2628.459	45258.89	5366.379	3556.012

Sample Name: J4077-03 Acquired: 7/24/2018 16:32:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128317	-.005024	.0848075	-.000094	.0012261	55.36537	.1171170
Stddev	.0016665	.001299	.0005770	.001745	.0018721	.12184	.0011130
%RSD	12.98755	25.85790	.6803164	1860.722	152.6914	.2200736	.9503599

#1	.0114880	-.005537	.0842159	.000794	-.000291	55.35501	.1166200
#2	.0123105	-.003547	.0853686	.001029	.000651	55.24903	.1183919
#3	.0146965	-.005988	.0848379	-.002105	.003318	55.49206	.1163390

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018005	.0033176	26.51301	.1971677	.0433931	.1100967	109.1297
Stddev	.0000423	.0001508	.10421	.0010243	.0003189	.0040544	.5894
%RSD	2.347892	4.544102	.3930337	.5195283	.7350255	3.682548	.5401210

#1	.0018492	.0032922	26.40192	.1972070	.0432513	.1147761	108.6830
#2	.0017786	.0031812	26.60859	.1961242	.0431697	.1076317	109.7977
#3	.0017736	.0034794	26.52852	.1981718	.0437584	.1078824	108.9083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.190825	37.14187	.2236986	.0008982	36.54947	.2441499	.2781192
Stddev	.003961	.19576	.0014624	.0004367	.42435	.0137710	.0161792
%RSD	.3325864	.5270695	.6537528	48.61842	1.161034	5.640387	5.817369

#1	1.186320	37.26904	.2225591	.0004023	36.78406	.2600495	.2750210
#2	1.193759	37.24012	.2231889	.0012251	36.80473	.2364064	.2956235
#3	1.192396	36.91644	.2253476	.0010673	36.05961	.2359938	.2637132

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.265598	2.848560	.1895338	.0145576	31.14109	3.022632	.0220497
Stddev	.093961	.020748	.0017072	.0002605	.19008	.014815	.0012550
%RSD	1.499636	.7283670	.9007184	1.789399	.6103911	.4901347	5.691646

#1	6.184574	2.827994	.1882677	.0143312	30.98331	3.007807	.0221488
#2	6.368600	2.848202	.1914753	.0144992	31.08784	3.022652	.0232522
#3	6.243620	2.869485	.1888583	.0148423	31.35212	3.037437	.0207481

Sample Name: J4077-03 Acquired: 7/24/2018 16:32:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.684788	.0707406	.1952951
Stddev	.011619	.0016705	.0000743
%RSD	.3153321	2.361436	.0380627

#1	3.689044	.0725868	.1952122
#2	3.671641	.0693335	.1953559
#3	3.693679	.0703015	.1953170

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2117.896	2570.527	44343.68	5265.454	3496.503
Stddev	17.074	1.574	112.62	3.111	11.342
%RSD	.8061654	.0612186	.2539779	.0590821	.3243777

#1	2121.553	2572.216	44403.02	5265.057	3507.949
#2	2099.290	2570.264	44213.80	5268.744	3496.291
#3	2132.845	2569.102	44414.23	5262.560	3485.268

Sample Name: J4077-04 Acquired: 7/24/2018 16:36:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132680	-.013304	.1418375	-.000075	.0039380	76.77422	.1833380
Stddev	.0023404	.007082	.0028148	.001047	.0012685	.01728	.0010832
%RSD	17.63977	53.22649	1.984529	1397.837	32.21210	.0225046	.5908253

#1	.0154043	-.020174	.1389377	.001133	.0051368	76.75427	.1821321
#2	.0136333	-.006028	.1420161	-.000628	.0026098	76.78376	.1836536
#3	.0107664	-.013711	.1445588	-.000730	.0040673	76.78462	.1842284

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023389	.0032785	28.65082	.2615001	.0587640	.2392537	140.3171
Stddev	.0000384	.0001582	.09831	.0001810	.0006148	.0044089	.8221
%RSD	1.640851	4.824475	.3431430	.0692140	1.046200	1.842754	.5858600

#1	.0022993	.0032306	28.55787	.2612990	.0585546	.2341628	139.8257
#2	.0023413	.0031499	28.64084	.2616500	.0582813	.2418094	139.8595
#3	.0023760	.0034551	28.75373	.2615512	.0594561	.2417889	141.2662

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.410436	46.72308	.2946994	.0017698	41.59962	.3294212	.4381299
Stddev	.012324	.23810	.0020980	.0002422	.40731	.0065017	.0108093
%RSD	.8737938	.5095951	.7119077	13.68541	.9791137	1.973667	2.467135

#1	1.401902	46.45943	.2929264	.0015878	41.50533	.3273699	.4505153
#2	1.404841	46.78741	.2941562	.0020447	41.24773	.3367011	.4332760
#3	1.424565	46.92241	.2970156	.0016768	42.04580	.3241926	.4305985

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.133322	2.938741	.2785379	.0271928	46.35945	3.441119	.0336801
Stddev	.114226	.003062	.0025752	.0001984	.15573	.018490	.0017175
%RSD	1.250654	.1041776	.9245511	.7294652	.3359244	.5373272	5.099554

#1	9.108368	2.939206	.2762215	.0270496	46.35651	3.462341	.0320360
#2	9.033636	2.935474	.2780814	.0271094	46.20520	3.428484	.0335418
#3	9.257963	2.941544	.2813109	.0274192	46.51663	3.432532	.0354627

Sample Name: J4077-04 Acquired: 7/24/2018 16:36:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJJ1T8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.506446	.0911099	.2436355
Stddev	.009838	.0005377	.0004243
%RSD	.1786592	.5901968	.1741747

#1	5.500063	.0908768	.2432041
#2	5.501500	.0907280	.2436499
#3	5.517776	.0917248	.2440524

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.686	2575.668	45079.60	5334.091	3472.422
Stddev	8.750	11.616	158.65	4.857	8.498
%RSD	.4108807	.4509959	.3519416	.0910649	.2447272

#1	2129.486	2576.127	44980.01	5328.483	3471.070
#2	2121.037	2587.047	44996.24	5336.795	3481.515
#3	2138.534	2563.829	45262.56	5336.994	3464.682

Sample Name: J4077-05 Acquired: 7/24/2018 16:40:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175403	-.008712	.0348587	-.000481	.0004731	49.40070	.0864831
Stddev	.0008004	.001988	.0017611	.001551	.0014871	.11293	.0008427
%RSD	4.563131	22.81355	5.052022	322.5287	314.3058	.2285959	.9744075

#1	.0176942	-.007517	.0330626	.001261	-.000147	49.35064	.0861879
#2	.0166742	-.011006	.0349310	-.001713	.002170	49.53001	.0874337
#3	.0182526	-.007612	.0365825	-.000991	-.000604	49.32146	.0858277

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016304	.0009785	31.03637	.1699015	.0347980	.0609144	109.2213
Stddev	.0000714	.0000305	.14703	.0006028	.0002224	.0072283	.2417
%RSD	4.380995	3.122360	.4737318	.3548080	.6392257	11.86625	.2213352

#1	.0017063	.0010133	31.11538	.1692354	.0346146	.0525953	109.2862
#2	.0015646	.0009560	31.12700	.1704095	.0350454	.0656593	109.4240
#3	.0016202	.0009663	30.86673	.1700595	.0347340	.0644885	108.9538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.138333	32.54325	.1859113	.0010650	30.14954	.2011816	.1961748
Stddev	.002765	.06781	.0004119	.0002822	.07142	.0049084	.0127676
%RSD	.2428643	.2083570	.2215303	26.49837	.2368913	2.439807	6.508294

#1	1.137389	32.59790	.1862170	.0007992	30.15552	.2067046	.2035380
#2	1.141446	32.46737	.1854429	.0010348	30.07531	.1995226	.2035545
#3	1.136164	32.56449	.1860739	.0013612	30.21778	.1973177	.1814320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.969771	2.151166	.1784342	.0190721	38.01649	2.366047	.1622376
Stddev	.008762	.006744	.0010835	.0003762	.06320	.053395	.0014458
%RSD	.1763090	.3135204	.6072509	1.972602	.1662392	2.256708	.8911860

#1	4.979191	2.143580	.1775094	.0192704	37.95546	2.418490	.1608482
#2	4.961864	2.153435	.1796264	.0193077	38.08165	2.367902	.1637339
#3	4.968258	2.156483	.1781668	.0186382	38.01234	2.311749	.1621308

Sample Name: J4077-05 Acquired: 7/24/2018 16:40:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.688640	.0616143	.2066743
Stddev	.013561	.0011689	.0004924
%RSD	.3676348	1.897166	.2382245

#1	3.679157	.0617535	.2066568
#2	3.704173	.0603820	.2071752
#3	3.682592	.0627074	.2061910

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2105.250	2555.317	44316.71	5241.720	3484.965
Stddev	12.985	7.529	123.27	13.552	7.535
%RSD	.6167792	.2946549	.2781646	.2585379	.2162237

#1	2091.385	2551.468	44174.75	5245.014	3483.034
#2	2107.243	2563.993	44396.70	5226.824	3493.278
#3	2117.124	2550.490	44378.69	5253.320	3478.583

Sample Name: J4077-06 Acquired: 7/24/2018 16:44:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149139	-.011396	.0355538	.0001962	.0011584	49.37287	.0862443
Stddev	.0052393	.001303	.0013575	.0021677	.0002179	.21838	.0007418
%RSD	35.13029	11.43630	3.818162	1104.686	18.80823	.4423139	.8600905

#1	.0089131	-.011712	.0368982	.0007464	.0013824	49.29982	.0862164
#2	.0185798	-.012513	.0341836	.0020358	.0011456	49.20039	.0855169
#3	.0172489	-.009964	.0355796	-.002194	.0009472	49.61842	.0869997

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017118	.0010503	31.12293	.1708202	.0354879	.0570994	109.8502
Stddev	.0000647	.0001600	.04154	.0003033	.0001592	.0048476	.4623
%RSD	3.777385	15.23903	.1334637	.1775432	.4485882	8.489688	.4208544

#1	.0017008	.0010686	31.16186	.1707580	.0356529	.0615788	110.1908
#2	.0016534	.0008819	31.07920	.1711497	.0353352	.0519528	110.0359
#3	.0017813	.0012004	31.12774	.1705528	.0354757	.0577666	109.3239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.147131	32.67392	.1876636	.0008610	30.86775	.2044564	.1983708
Stddev	.001739	.14472	.0017878	.0000773	.16773	.0093190	.0175912
%RSD	.1516126	.4429353	.9526540	8.979026	.5433813	4.557956	8.867838

#1	1.149139	32.79777	.1863120	.0008233	30.99232	.2142227	.2184168
#2	1.146101	32.70916	.1869881	.0008098	30.93388	.1956606	.1855070
#3	1.146153	32.51483	.1896907	.0009500	30.67703	.2034859	.1911887

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.926912	2.168217	.1794326	.0192927	38.24744	2.316578	.1645032
Stddev	.077925	.011909	.0009229	.0001795	.24079	.071833	.0017844
%RSD	1.581620	.5492327	.5143460	.9306135	.6295579	3.100844	1.084750

#1	5.003512	2.154478	.1794512	.0194423	38.02505	2.320311	.1624674
#2	4.847726	2.175580	.1785005	.0190936	38.21411	2.242952	.1657966
#3	4.929498	2.174593	.1803460	.0193422	38.50316	2.386473	.1652455

Sample Name: J4077-06 Acquired: 7/24/2018 16:44:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJJ1T9D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.703330	.0638676	.2064972
Stddev	.022962	.0017338	.0000713
%RSD	.6200394	2.714631	.0345394

#1	3.702475	.0627547	.2065666
#2	3.680807	.0629829	.2064241
#3	3.726708	.0658653	.2065009

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2097.690	2537.981	44178.19	5190.299	3457.620
Stddev	1.483	12.746	95.22	37.603	19.252
%RSD	.0706805	.5022154	.2155370	.7244825	.5567977

#1	2099.177	2544.481	44287.08	5193.999	3469.574
#2	2096.211	2546.167	44110.54	5225.914	3467.875
#3	2097.682	2523.295	44136.94	5150.982	3435.411

Sample Name: J4077-07 Acquired: 7/24/2018 16:48:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1035176	.1001963	.0833347	.0978031	.2194297	52.98699	4.919715
Stddev	.0027193	.0021697	.0016200	.0007048	.0005325	.90912	.083337
%RSD	2.626907	2.165417	1.943948	.7206133	.2426717	1.715737	1.693949

#1	.1003822	.1026752	.0832513	.0977309	.2200269	52.27345	4.879564
#2	.1052319	.0992713	.0849948	.0971372	.2190045	54.01058	5.015528
#3	.1049387	.0986424	.0817581	.0985412	.2192576	52.67695	4.864055

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1155824	.1181840	30.58318	.6394982	1.244754	.6431492	110.1688
Stddev	.0021202	.0006381	.53005	.0010101	.002467	.0146963	1.9742
%RSD	1.834365	.5399191	1.733145	.1579560	.1982273	2.285057	1.791961

#1	.1145026	.1185447	30.33817	.6406221	1.244252	.6404074	109.4087
#2	.1180251	.1174473	31.19141	.6392066	1.242576	.6590233	112.4100
#3	.1142195	.1185601	30.21995	.6386660	1.247434	.6300168	108.6875

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.328857	31.93875	1.434391	.1065929	30.05721	1.478162	1.367458
Stddev	.046528	.67940	.006537	.0002664	.22853	.033001	.017770
%RSD	1.997886	2.127204	.4557301	.2499256	.7603160	2.232555	1.299504

#1	2.302112	31.45717	1.436802	.1064063	29.91663	1.454583	1.354797
#2	2.382583	32.71587	1.426990	.1068980	30.32090	1.515876	1.359804
#3	2.301877	31.64322	1.439379	.1064744	29.93410	1.464026	1.387773

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.799931	2.118345	.1762602	.0185671	37.28515	2.308746	.1602745
Stddev	.168041	.004752	.0042390	.0003307	.11231	.089552	.0016055
%RSD	3.500909	.2243434	2.404950	1.781145	.3012305	3.878804	1.001704

#1	4.618748	2.118916	.1747963	.0182634	37.27296	2.239169	.1614903
#2	4.950667	2.113333	.1810371	.0185186	37.17942	2.409782	.1584546
#3	4.830380	2.122786	.1729471	.0189194	37.40306	2.277286	.1608785

Sample Name: J4077-07 Acquired: 7/24/2018 16:48:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJJ1T9S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.611426	.0609585	.2028872
Stddev	.065849	.0026258	.0037938
%RSD	1.823353	4.307570	1.869905

#1	3.558489	.0609659	.2006671
#2	3.685163	.0635806	.2072678
#3	3.590627	.0583290	.2007268

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2093.633	2552.672	44403.89	5218.512	3499.139
Stddev	16.283	2.402	174.04	90.482	9.366
%RSD	.7777600	.0940854	.3919386	1.733862	.2676669

#1	2079.402	2552.339	44239.51	5261.196	3492.283
#2	2111.391	2555.223	44586.19	5114.583	3509.811
#3	2090.105	2550.455	44385.97	5279.756	3495.325

Sample Name: J4077-05LX5 Acquired: 7/24/2018 16:52:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077690	-.004084	.0084712	.0022596	.0009512	10.20937	.0184207
Stddev	.0034472	.003839	.0024880	.0021430	.0006905	.03656	.0003895
%RSD	44.37140	93.99345	29.36975	94.83916	72.58985	.3580582	2.114366

#1	.0110868	-.000274	.0091648	.0004431	.0010949	10.23819	.0186455
#2	.0042056	-.007950	.0105388	.0017127	.0002002	10.22168	.0186456
#3	.0080144	-.004028	.0057100	.0046230	.0015584	10.16825	.0179709

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004079	.0001582	6.484688	.0371555	.0070503	.0099834	23.09307
Stddev	.0000567	.0000878	.002011	.0004535	.0002593	.0023230	.00788
%RSD	13.89051	55.51338	.0310144	1.220651	3.677304	23.26853	.0341223

#1	.0003810	.0001255	6.484233	.0373046	.0071810	.0078653	23.09360
#2	.0003697	.0002578	6.482943	.0375158	.0072182	.0096171	23.08494
#3	.0004730	.0000915	6.486887	.0366462	.0067517	.0124677	23.10068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2398485	6.731328	.0376241	.0000720	6.544956	.0361675	.0430033
Stddev	.0019972	.085027	.0007626	.0001272	.282562	.0021395	.0092970
%RSD	.8327092	1.263158	2.026819	176.5829	4.317249	5.915523	21.61931

#1	.2377759	6.647907	.0367437	.0001798	6.659074	.0360462	.0466661
#2	.2400089	6.817876	.0380779	-.000068	6.223182	.0340913	.0499110
#3	.2417607	6.728200	.0380507	.000105	6.752613	.0383651	.0324327

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7599674	.4662676	.0335121	.0041889	8.339267	.4893962	.0330900
Stddev	.0142565	.0030249	.0012385	.0000380	.113856	.0073461	.0003520
%RSD	1.875937	.6487459	3.695823	.9074076	1.365302	1.501048	1.063719

#1	.7437481	.4632072	.0346420	.0042223	8.213926	.4829670	.0334775
#2	.7705163	.4663401	.0321879	.0041968	8.367581	.4974029	.0330026
#3	.7656377	.4692557	.0337064	.0041475	8.436295	.4878187	.0327900

Sample Name: J4077-05LX5 Acquired: 7/24/2018 16:52:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJJ1T9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7594931	.0081829	.0428707
Stddev	.0004895	.0016115	.0000848
%RSD	.0644439	19.69401	.1977788

#1	.7594570	.0064389	.0428002
#2	.7590227	.0084928	.0429648
#3	.7599996	.0096169	.0428472

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2053.992	2484.163	42928.32	5101.458	3442.773
Stddev	26.144	24.432	397.77	32.607	33.772
%RSD	1.272852	.9834974	.9265961	.6391615	.9809415

#1	2024.257	2510.785	42505.11	5113.350	3480.454
#2	2064.345	2478.937	42985.34	5064.575	3432.631
#3	2073.375	2462.767	43294.50	5126.450	3415.235

Sample Name: PB111374BL Acquired: 7/24/2018 16:56:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013997	-.000083	.0017915	.0001360	-.000288	.0061251	-.000318
Stddev	.0032176	.001133	.0018820	.0010790	.000686	.0047683	.000570
%RSD	229.8858	1371.730	105.0473	793.3174	237.7021	77.84903	179.2074

#1	.0026479	.000470	.0036669	.0002507	-.000710	.0087557	.000329
#2	.0038062	.000668	-.000097	-.000996	.000503	.0089987	-.000537
#3	-.002255	-.001385	.001805	.001153	-.000659	.0006209	-.000747

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000282	.0000381	-.009462	.0003206	-.000294	.0030185	-.012316
Stddev	.0000554	.0000096	.012142	.0001616	.000174	.0023602	.014674
%RSD	196.3209	25.27191	128.3250	50.39997	59.24226	78.19323	119.1465

#1	.0000380	.0000484	-.002012	.0004837	-.000136	.0009196	-.029197
#2	-.000031	.0000293	-.002901	.0003174	-.000480	.0025623	-.005137
#3	.000078	.0000367	-.023474	.0001606	-.000265	.0055734	-.002613

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008752	-.002023	-.000426	-.000147	-.099519	-.003669	-.006203
Stddev	.0007038	.011997	.000179	.000117	.143825	.003888	.008665
%RSD	80.41951	592.9516	42.11292	79.66771	144.5194	105.9547	139.6886

#1	.0000809	.010171	-.000629	-.000071	-.263920	-.007808	-.013495
#2	.0014213	-.002427	-.000358	-.000089	-.037687	-.003105	-.008489
#3	.0011234	-.013814	-.000290	-.000282	.003049	-.000094	.003376

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.284782	-.004257	-.006832	-.000296	-.037267	.0012491	-.000395
Stddev	.063606	.000951	.001036	.000245	.002128	.0009314	.000388
%RSD	22.33488	22.34631	15.15622	82.68249	5.709554	74.56743	98.07320

#1	-.337784	-.003563	-.005734	-.000184	-.035029	.0019881	.000001
#2	-.302313	-.005342	-.006972	-.000576	-.039264	.0002029	-.000414
#3	-.214249	-.003867	-.007791	-.000128	-.037508	.0015564	-.000774

Sample Name: PB111374BL Acquired: 7/24/2018 16:56:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW009 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001934	-.007540	-.000025
Stddev	.0016786	.001574	.000092
%RSD	867.7880	20.88028	367.7434

#1	-.000218	-.009346	-.000110
#2	.002040	-.006817	.000073
#3	-.001241	-.006457	-.000039

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2056.558	2504.724	42871.18	5035.325	3470.009
Stddev	7.886	5.688	252.29	18.739	2.390
%RSD	.3834675	.2271049	.5884811	.3721547	.0688853

#1	2049.631	2505.953	42610.44	5056.625	3467.511
#2	2065.141	2509.697	42889.02	5021.375	3470.240
#3	2054.902	2498.521	43114.06	5027.975	3472.275

Sample Name: PB111374BS Acquired: 7/24/2018 17:00:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213866	.0500450	.0227597	.0709014	.1231187	.4172730
Stddev	.0010012	.0015394	.0031500	.0007643	.0021934	.0102620
%RSD	4.681358	3.075957	13.84011	1.078009	1.781505	2.459292

#1	.0207443	.0491744	.0254894	.0708080	.1212691	.4256090
#2	.0208753	.0518224	.0193130	.0701881	.1225451	.4203984
#3	.0225402	.0491382	.0234767	.0717082	.1255419	.4058118

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4157094	.0103052	.0099575	10.25836	.0207545	.1041941
Stddev	.0004013	.0000914	.0001552	.02818	.0005320	.0003637
%RSD	.0965232	.8872550	1.558949	.2746885	2.563435	.3490687

#1	.4155913	.0103616	.0101247	10.26796	.0203422	.1037976
#2	.4153805	.0101997	.0098180	10.22664	.0213551	.1042725
#3	.4161565	.0103544	.0099299	10.28049	.0205664	.1045122

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544215	.2243352	.0334388	9.887509	.0800167	.0194392
Stddev	.0035852	.0111752	.0006378	.014962	.0001635	.0005495
%RSD	6.587814	4.981478	1.907385	.1513223	.2043696	2.826579

#1	.0504568	.2366376	.0338613	9.885393	.0799137	.0188653
#2	.0574357	.2215562	.0337500	9.903416	.0802053	.0194917
#3	.0553719	.2148117	.0327051	9.873717	.0799312	.0199605

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.989910	.1013335	.1214658	9.583989	F .0301865	.0123623
Stddev	.231834	.0069208	.0084605	.041350	.0011019	.0016802
%RSD	2.320678	6.829706	6.965302	.4314533	3.650398	13.59121

#1	9.822757	.0973850	.1254710	9.631711	.0290441	.0125436
#2	9.892401	.0972908	.1117464	9.561468	.0302724	.0105988
#3	10.25457	.1093248	.1271799	9.558788	.0312429	.0139445

Sample Name: PB111374BS Acquired: 7/24/2018 17:00:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208122	.1594741	.1943688	F .0142874	.2139957	.0908630
Stddev	.0002093	.0014996	.0011360	.0006204	.0014225	.0030309
%RSD	1.005688	.9403601	.5844570	4.342256	.6647357	3.335708

#1	.0208175	.1611946	.1956465	.0135949	.2154996	.0931733
#2	.0206003	.1584444	.1939875	.0144750	.2138157	.0874312
#3	.0210188	.1587833	.1934726	.0147923	.2126717	.0919846

Elem	Sr4077
Units	ppm
Avg	.2090723
Stddev	.0002164
%RSD	.1035259

#1	.2093149
#2	.2088992
#3	.2090027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.286	2524.859	43545.35	5116.775	3566.078
Stddev	4.188	8.541	128.13	13.349	7.871
%RSD	.2008348	.3382731	.2942492	.2608960	.2207113

#1	2085.470	2524.588	43408.10	5101.550	3568.000
#2	2089.378	2533.532	43661.82	5122.300	3572.809
#3	2081.008	2516.457	43566.14	5126.475	3557.424

Sample Name: J4075-03 Acquired: 7/24/2018 17:18:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100995	.0000360	.0088629	-.001087	-.003668	.3509572
Stddev	.0050434	.0021694	.0020841	.001033	.000451	.0036460
%RSD	49.93707	6025.243	23.51528	95.08040	12.30056	1.038881

#1	.0051909	.0013167	.0092109	-.001692	-.003719	.3541267
#2	.0152677	.0012600	.0066266	.000106	-.004091	.3517723
#3	.0098399	-.002469	.0107510	-.001675	-.003193	.3469726

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2432468	.0004384	.0039526	107.5382	.0030515	.0090621
Stddev	.0006973	.0000751	.0000589	.4376	.0003576	.0000739
%RSD	.2866808	17.12212	1.489743	.4069133	11.71903	.8158412

#1	.2433091	.0004416	.0040064	108.0432	.0034605	.0089857
#2	.2439109	.0003618	.0038897	107.2988	.0028965	.0090674
#3	.2425204	.0005118	.0039616	107.2724	.0027976	.0091333

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037240	1.500508	.2528218	30.57846	.0458916	.0003207
Stddev	.0043005	.006915	.0022403	.13861	.0007134	.0005301
%RSD	115.4803	.4608589	.8861088	.4533003	1.554541	165.2804

#1	.0045122	1.501605	.2524940	30.71486	.0453489	.0005635
#2	.0075759	1.506810	.2552078	30.43773	.0456264	.0006859
#3	-.000916	1.493110	.2507634	30.58278	.0466997	-.000287

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1767.535	-.006247	.5032226	23.84664	.0472588	.4173192
Stddev	4.995	.003381	.0066518	.07684	.0017023	.0031991
%RSD	.2825790	54.11624	1.321848	.3222224	3.601967	.7665716

#1	1773.103	-.005044	.4975731	23.92568	.0458091	.4141826
#2	1766.053	-.003632	.5015408	23.77220	.0468342	.4205772
#3	1763.450	-.010065	.5105540	23.84205	.0491332	.4171980

Sample Name: J4075-03 Acquired: 7/24/2018 17:18:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036320	40.51242	3.025489	.0056344	-.003961	.0193959
Stddev	.0000582	.13115	.018927	.0004525	.003196	.0013967
%RSD	1.603429	.3237201	.6255859	8.030821	80.69984	7.201039

#1	.0036080	40.41244	3.007521	.0056871	-.006597	.0198841
#2	.0035896	40.46392	3.045248	.0051579	-.000406	.0204831
#3	.0036984	40.66091	3.023699	.0060583	-.004880	.0178207

Elem	Sr4077
Units	ppm
Avg	1.071227
Stddev	.002826
%RSD	.2637905

#1	1.074299
#2	1.070645
#3	1.068738

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.225	2525.725	44530.50	5350.474	3373.259
Stddev	6.489	5.925	85.99	23.585	8.497
%RSD	.3087985	.2345717	.1931082	.4408011	.2518791

#1	2105.969	2530.120	44517.18	5324.501	3379.626
#2	2103.876	2528.067	44451.95	5356.370	3376.540
#3	2093.831	2518.987	44622.38	5370.552	3363.612

Sample Name: J4075-04 Acquired: 7/24/2018 17:22:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172094	.0016255	.0122246	-.002088	-.003792	.5407003
Stddev	.0025080	.0007553	.0017689	.001225	.000455	.0025638
%RSD	14.57318	46.46608	14.47014	58.66011	12.00092	.4741679

#1	.0151641	.0022676	.0101866	-.001036	-.003557	.5429190
#2	.0200075	.0018155	.0131246	-.001795	-.003502	.5378935
#3	.0164565	.0007933	.0133625	-.003432	-.004317	.5412884

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5745400	.0005659	-.000211	104.8755	.0020633	.0015985
Stddev	.0015500	.0000194	.000047	.1418	.0004145	.0001047
%RSD	.2697776	3.420786	22.33688	.1352390	20.08752	6.550406

#1	.5729162	.0005451	-.000260	105.0376	.0023805	.0017179
#2	.5747000	.0005694	-.000166	104.7744	.0015943	.0015552
#3	.5760038	.0005833	-.000206	104.8144	.0022150	.0015224

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002641	24.42943	.2985669	58.44066	.0292972	.0003849
Stddev	.001459	.02977	.0008131	.20550	.0004838	.0006085
%RSD	55.24365	.1218809	.2723205	.3516379	1.651306	158.0844

#1	-.002346	24.45868	.2980448	58.67190	.0298518	-.000124
#2	-.004225	24.39916	.2995037	58.37117	.0289617	.001059
#3	-.001352	24.43046	.2981522	58.27893	.0290782	.000220

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1892.090	.0057013	.6686807	46.21143	.5525689	1.293433
Stddev	6.831	.0040683	.0244067	.11613	.0059996	.005771
%RSD	.3610333	71.35797	3.649976	.2513030	1.085757	.4461539

#1	1898.236	.0093908	.6964363	46.15210	.5458216	1.298225
#2	1893.299	.0063747	.6590345	46.34524	.5573026	1.287027
#3	1884.735	.0013383	.6505713	46.13695	.5545827	1.295048

Sample Name: J4075-04 Acquired: 7/24/2018 17:22:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042985	35.63095	7.009898	.0082074	.0149254	.0335020
Stddev	.0002751	.25014	.027928	.0010970	.0023429	.0007917
%RSD	6.400584	.7020244	.3984027	13.36659	15.69773	2.363183

#1	.0045965	35.34319	7.001126	.0069406	.0176255	.0333218
#2	.0040541	35.75324	6.987410	.0088365	.0137219	.0343683
#3	.0042451	35.79641	7.041159	.0088450	.0134288	.0328160

Elem	Sr4077
Units	ppm
Avg	1.095439
Stddev	.001556
%RSD	.1420432

#1	1.096820
#2	1.095745
#3	1.093753

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2076.126	2473.803	43768.42	5249.892	3295.765
Stddev	16.205	10.021	192.99	12.898	11.986
%RSD	.7805600	.4050653	.4409292	.2456823	.3636854

#1	2065.719	2480.889	43678.17	5264.690	3308.408
#2	2067.862	2478.182	43637.10	5243.955	3294.320
#3	2094.798	2462.338	43990.00	5241.032	3284.567

Sample Name: J4075-05 Acquired: 7/24/2018 17:26:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142719	-.001687	.0066320	.0004802	-.003540	.2491576
Stddev	.0033917	.000986	.0031639	.0007913	.001664	.0094846
%RSD	23.76523	58.46267	47.70736	164.7929	47.01225	3.806681

#1	.0105064	-.000561	.0034052	.0013591	-.003740	.2593683
#2	.0152217	-.002396	.0097290	.0002567	-.005095	.2474822
#3	.0170874	-.002103	.0067617	-.000175	-.001785	.2406223

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2938550	.0003734	.0025349	287.0589	.0020067	.0038816
Stddev	.0029667	.0000327	.0001004	.3563	.0002687	.0001348
%RSD	1.009593	8.767994	3.960960	.1241130	13.39065	3.472723

#1	.2940533	.0004080	.0024618	286.6960	.0017376	.0040371
#2	.2967175	.0003692	.0026494	287.4082	.0020075	.0038099
#3	.2907940	.0003429	.0024936	287.0724	.0022750	.0037978

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002755	.3184594	.1303479	31.35265	.0305590	.0007231
Stddev	.005758	.0144561	.0007335	.08486	.0002900	.0004017
%RSD	209.0341	4.539376	.5626911	.2706732	.9490678	55.55389

#1	.001944	.3341303	.1304753	31.43694	.0304727	.0003912
#2	-.001030	.3156036	.1310093	31.26723	.0308824	.0011696
#3	-.009178	.3056444	.1295591	31.35379	.0303219	.0006083

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1837.006	-.003531	.3839979	21.18102	.0427756	.3949653
Stddev	2.278	.007023	.0150794	.10532	.0007825	.0025462
%RSD	.1239887	198.9002	3.926955	.4972279	1.829288	.6446504

#1	1837.225	-.009767	.3720534	21.22350	.0436781	.3925171
#2	1839.166	.004077	.4009422	21.06110	.0423612	.3947796
#3	1834.627	-.004904	.3789981	21.25847	.0422875	.3975992

Sample Name: J4075-05 Acquired: 7/24/2018 17:26:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MJJ1T9 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159763	27.64806	2.346765	.0057424	-.009449	.0191080
Stddev	.0000621	.12442	.019168	.0012063	.002170	.0009610
%RSD	.3884077	.4500209	.8167889	21.00733	22.96737	5.029497

#1	.0160056	27.62013	2.336525	.0065937	-.011188	.0185446
#2	.0160184	27.53997	2.334891	.0043619	-.010141	.0185617
#3	.0159051	27.78407	2.368878	.0062715	-.007017	.0202177

Elem	Sr4077
Units	ppm
Avg	2.497024
Stddev	.007159
%RSD	.2866931

#1	2.493302
#2	2.505277
#3	2.492493

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2024.323	2429.664	43096.69	5211.375	3207.882
Stddev	5.510	6.890	51.83	21.548	6.999
%RSD	.2721833	.2835907	.1202729	.4134815	.2181968

#1	2019.348	2426.969	43085.68	5210.639	3201.494
#2	2030.245	2437.495	43153.15	5233.282	3215.364
#3	2023.377	2424.529	43051.25	5190.204	3206.787

Sample Name: J4075-06 Acquired: 7/24/2018 17:30:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163266	-.001025	.0065557	-.000599	-.003356	.2380345
Stddev	.0022005	.001429	.0033071	.002174	.000464	.0161742
%RSD	13.47800	139.4999	50.44569	362.9251	13.81817	6.794895

#1	.0185210	-.002173	.0099938	.000205	-.002898	.2438400
#2	.0141200	.000576	.0062761	.001059	-.003825	.2505048
#3	.0163388	-.001478	.0033973	-.003060	-.003343	.2197589

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2990253	.0003504	.0025604	289.0006	.0020532	.0037434
Stddev	.0035317	.0000656	.0000495	.4723	.0003861	.0000876
%RSD	1.181079	18.73029	1.932384	.1634166	18.80441	2.338771

#1	.3026995	.0003829	.0025695	289.5163	.0024921	.0037198
#2	.2956558	.0003935	.0025069	288.5892	.0019016	.0036701
#3	.2987205	.0002749	.0026046	288.8964	.0017659	.0038404

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023749	.3366705	.1326411	31.63791	.0311193	.0001242
Stddev	.0057898	.0076431	.0023811	.04653	.0003343	.0003123
%RSD	243.7897	2.270189	1.795148	.1470845	1.074357	251.5382

#1	.0088922	.3385079	.1345295	31.68075	.0314523	.0002910
#2	.0004067	.3432273	.1299663	31.64457	.0307836	.0003177
#3	-.002174	.3282762	.1334275	31.58840	.0311218	-.000236

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1856.119	.0003063	.3823029	21.32807	.0432140	.3977866
Stddev	6.649	.0043511	.0136846	.15207	.0052317	.0003951
%RSD	.3582008	1420.467	3.579529	.7130190	12.10640	.0993249

#1	1860.573	.0050225	.3746870	21.44918	.0488303	.3982282
#2	1848.477	-.003552	.3981012	21.15740	.0423326	.3974666
#3	1859.307	-.000552	.3741206	21.37762	.0384790	.3976649

Sample Name: J4075-06 Acquired: 7/24/2018 17:30:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164801	28.16544	2.354406	.0051877	-.010092	.0187400
Stddev	.0003822	.32130	.008647	.0015553	.001336	.0014391
%RSD	2.319246	1.140751	.3672589	29.97951	13.23942	7.679526

#1	.0161841	27.79451	2.364384	.0057272	-.009568	.0203564
#2	.0163446	28.34483	2.349718	.0034346	-.009097	.0182659
#3	.0169116	28.35699	2.349115	.0064014	-.011610	.0175977

Elem	Sr4077
Units	ppm
Avg	2.511892
Stddev	.008092
%RSD	.3221554

#1	2.520540
#2	2.510632
#3	2.504503

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2018.223	2411.810	42880.06	5217.407	3187.782
Stddev	4.781	24.330	110.86	5.489	30.544
%RSD	.2368714	1.008806	.2585298	.1052034	.9581709

#1	2013.023	2439.504	42790.29	5222.602	3222.854
#2	2022.428	2402.056	43003.97	5211.665	3173.474
#3	2019.217	2393.870	42845.91	5217.952	3167.017

Sample Name: J4075-05LX5 Acquired: 7/24/2018 17:38:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050699	-.000566	.0022538	.0009233	-.000633	.0643868	.0590810
Stddev	.0023217	.003424	.0007489	.0002572	.000697	.0117629	.0011427
%RSD	45.79403	604.5513	33.22784	27.86071	110.0566	18.26917	1.934118

#1	.0058721	-.002985	.0030874	.0011810	-.001038	.0711402	.0601738
#2	.0068841	-.002065	.0016381	.0009222	-.001033	.0712160	.0578943
#3	.0024534	.003351	.0020357	.0006666	.000171	.0508042	.0591750

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001101	.0004534	57.74134	.0022964	-.000448	.0005178	.0748347
Stddev	.0000419	.0000555	.18941	.0004080	.000303	.0015571	.0078350
%RSD	38.02465	12.23229	.3280254	17.76785	67.56401	300.7342	10.46971

#1	.0000970	.0004230	57.90567	.0020153	-.000641	.0020082	.0792645
#2	.0000763	.0004198	57.53419	.0021096	-.000099	-.001098	.0794512
#3	.0001570	.0005174	57.78417	.0027644	-.000605	.000643	.0657883

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0282285	6.330861	.0058774	.0004101	363.1120	-.000519	.0708787
Stddev	.0008529	.051732	.0001165	.0001590	.9171	.000836	.0037997
%RSD	3.021513	.8171336	1.982088	38.77818	.2525579	161.0578	5.360884

#1	.0275239	6.375001	.0058842	.0002301	364.0668	-.000414	.0713550
#2	.0279848	6.343645	.0059903	.0004689	362.2380	.000260	.0668633
#3	.0291767	6.273935	.0057576	.0005314	363.0311	-.001403	.0744178

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.548713	.0089221	.0707856	.0035317	5.273484	.4624283	-.001077
Stddev	.284719	.0021838	.0010942	.0001808	.009479	.0042458	.001348
%RSD	5.131266	24.47615	1.545738	5.120310	.1797463	.9181468	125.1731

#1	5.868327	.0065693	.0720490	.0035881	5.282866	.4670199	-.001311
#2	5.455616	.0108842	.0701583	.0033293	5.273676	.4616209	.000373
#3	5.322195	.0093127	.0701495	.0036775	5.263911	.4586443	-.002292

Sample Name: J4075-05LX5 Acquired: 7/24/2018 17:38:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002784	.0242715	.5013008
Stddev	.002009	.0013514	.0007862
%RSD	72.13994	5.567700	.1568381

#1	-.005077	.0228275	.5014630
#2	-.001332	.0255057	.5004462
#3	-.001944	.0244812	.5019933

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2046.366	2479.373	43252.78	5129.795	3517.960
Stddev	16.153	4.265	144.08	40.754	3.638
%RSD	.7893326	.1720189	.3331067	.7944644	.1034072

#1	2042.266	2474.722	43281.13	5082.751	3514.445
#2	2032.659	2480.296	43096.63	5154.360	3521.709
#3	2064.174	2483.101	43380.57	5152.273	3517.727

Sample Name: J4075-01 Acquired: 7/24/2018 17:51:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142932	-.003136	.0069386	.0010809	-.003421	.2304681
Stddev	.0048794	.005591	.0024813	.0019287	.001031	.0111600
%RSD	34.13811	178.3036	35.76147	178.4332	30.14420	4.842295

#1	.0194100	.003318	.0056749	-.000499	-.003455	.2178361
#2	.0096920	-.006517	.0097974	.003230	-.004436	.2345776
#3	.0137777	-.006208	.0053434	.000511	-.002374	.2389907

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3311511	.0004818	.0029908	203.7033	.0026314	.0115896
Stddev	.0010945	.0000321	.0000899	.4721	.0006620	.0001782
%RSD	.3305083	6.661679	3.004127	.2317549	25.15677	1.537659

#1	.3319048	.0005052	.0029173	204.2156	.0021829	.0116001
#2	.3316528	.0004949	.0029643	203.2859	.0023195	.0117623
#3	.3298957	.0004452	.0030910	203.6083	.0033917	.0114064

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000205	.2059804	.3961642	30.43857	.0348330	.0001942
Stddev	.006062	.0188282	.0026893	.10390	.0001979	.0001968
%RSD	2956.853	9.140791	.6788427	.3413377	.5681186	101.3555

#1	.004508	.2097737	.3950597	30.42493	.0346532	.0002961
#2	-.007044	.2226232	.3992299	30.54862	.0348009	.0003191
#3	.001921	.1855443	.3942030	30.34217	.0350450	-.000033

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1856.989	-.007856	.3864487	22.14850	.0441913	.3395900
Stddev	4.480	.001716	.0251522	.23308	.0020532	.0039859
%RSD	.2412592	21.84623	6.508545	1.052334	4.646054	1.173733

#1	1861.560	-.009246	.4154870	22.34788	.0429974	.3440433
#2	1852.605	-.008384	.3723963	22.20537	.0465621	.3383703
#3	1856.803	-.005938	.3714629	21.89225	.0430145	.3363566

Sample Name: J4075-01 Acquired: 7/24/2018 17:51:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014949	32.75450	2.159099	.0057979	-.007909	.0207424
Stddev	.0002534	.06240	.011791	.0005276	.000829	.0015325
%RSD	16.95181	.1905023	.5461106	9.099445	10.48231	7.388327

#1	.0016463	32.71640	2.172243	.0054342	-.008504	.0190506
#2	.0016361	32.72059	2.149450	.0064030	-.006962	.0220376
#3	.0012024	32.82651	2.155604	.0055565	-.008261	.0211390

Elem	Sr4077
Units	ppm
Avg	1.933657
Stddev	.005484
%RSD	.2836256

#1	1.939711
#2	1.932236
#3	1.929022

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.279	2464.967	43540.84	5254.657	3262.366
Stddev	6.691	6.005	73.06	21.154	7.262
%RSD	.3263381	.2436227	.1677922	.4025728	.2225911

#1	2047.405	2471.695	43541.32	5233.317	3266.431
#2	2045.505	2463.059	43613.66	5275.619	3266.684
#3	2057.926	2460.148	43467.55	5255.035	3253.982

Sample Name: J4075-02 Acquired: 7/24/2018 17:55:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0166222	-.001386	.0075837	.0011164	-.002130	.3844361
Stddev	.0008392	.001951	.0019130	.0021566	.001304	.0263962
%RSD	5.048552	140.7349	25.22579	193.1709	61.21265	6.866215

#1	.0172349	-.003246	.0056084	.0031189	-.003043	.3686130
#2	.0156657	-.001559	.0077150	.0013970	-.000637	.3697871
#3	.0169659	.000645	.0094277	-.001167	-.002709	.4149083

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2979874	.0005041	.0046067	100.1074	.0028940	.0122256
Stddev	.0018777	.0000655	.0000517	.1886	.0001098	.0005639
%RSD	.6301204	12.98920	1.121438	.1884437	3.795362	4.612438

#1	.2958418	.0005795	.0045880	100.2432	.0029879	.0122100
#2	.2987903	.0004618	.0045669	100.1871	.0027732	.0116696
#3	.2993301	.0004709	.0046650	99.8920	.0029210	.0127971

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019236	.5173822	.3252953	32.78683	.0447302	.0000929
Stddev	.0045666	.0288876	.0023530	.26960	.0005287	.0000599
%RSD	237.3951	5.583409	.7233298	.8222961	1.181900	64.44590

#1	.0014192	.4954799	.3271599	33.01085	.0446404	.0000243
#2	-.002370	.5501212	.3260744	32.48761	.0442523	.0001200
#3	.006721	.5065456	.3226516	32.86203	.0452981	.0001345

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1841.526	-.006575	.4184708	26.20131	.0490954	.4404680
Stddev	3.744	.011104	.0178745	.03162	.0048125	.0041157
%RSD	.2032877	168.8808	4.271395	.1206662	9.802340	.9343957

#1	1844.458	-.013211	.4199683	26.18746	.0521919	.4450592
#2	1842.812	-.012758	.3998947	26.23749	.0435511	.4371096
#3	1837.309	.006244	.4355496	26.17899	.0515433	.4392352

Sample Name: J4075-02 Acquired: 7/24/2018 17:55:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023534	42.40813	3.110098	.0050466	-.000984	.0270205
Stddev	.0001008	.40533	.032383	.0010494	.001419	.0022310
%RSD	4.282371	.9557796	1.041220	20.79368	144.2318	8.256742

#1	.0023174	42.15068	3.144983	.0047599	-.002618	.0259994
#2	.0024672	42.19835	3.080996	.0041703	-.000068	.0295793
#3	.0022755	42.87535	3.104315	.0062095	-.000265	.0254827

Elem	Sr4077
Units	ppm
Avg	.8359146
Stddev	.0013390
%RSD	.1601827

#1	.8369252
#2	.8364227
#3	.8343959

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2025.077	2428.018	42737.45	5157.250	3240.801
Stddev	9.932	8.779	73.26	9.572	11.174
%RSD	.4904501	.3615662	.1714100	.1855959	.3447856

#1	2015.247	2435.643	42782.34	5147.698	3249.818
#2	2035.108	2429.991	42652.92	5166.841	3244.285
#3	2024.875	2418.421	42777.09	5157.212	3228.301

Sample Name: J4075-07 Acquired: 7/24/2018 17:59:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0512017	.0412285	.0254129	.0464449	.0834415	1.941920
Stddev	.0029693	.0048001	.0023686	.0014457	.0017339	.014055
%RSD	5.799172	11.64259	9.320362	3.112758	2.078003	.7237439

#1	.0479449	.0403845	.0273483	.0451053	.0820943	1.958105
#2	.0537583	.0463945	.0227717	.0479774	.0828325	1.934854
#3	.0519019	.0369063	.0261187	.0462519	.0853978	1.932800

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.106742	.0440805	.0474195	286.0694	.1747576	.4712645
Stddev	.005965	.0002398	.0002869	1.4107	.0010357	.0022496
%RSD	.2831287	.5440651	.6050079	.4931325	.5926253	.4773469

#1	2.104107	.0441142	.0471569	284.4461	.1759207	.4707922
#2	2.102548	.0443016	.0473760	286.9983	.1744172	.4692886
#3	2.113570	.0438255	.0477257	286.7638	.1739351	.4737128

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2223301	1.216686	.5777277	31.10357	.4956795	.0444076
Stddev	.0044629	.015715	.0009889	.14638	.0017883	.0007627
%RSD	2.007345	1.291588	.1711796	.4706307	.3607849	1.717553

#1	.2172312	1.207697	.5784227	30.93666	.4960470	.0452736
#2	.2242324	1.207531	.5781650	31.16395	.4937360	.0441134
#3	.2255267	1.234832	.5765955	31.21011	.4972556	.0438357

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1830.643	.4835956	.8382169	21.12759	.0463368	.3937982
Stddev	14.044	.0072860	.0049974	.14269	.0028371	.0016399
%RSD	.7671500	1.506623	.5961950	.6753739	6.122764	.4164394

#1	1814.665	.4767947	.8361842	21.04796	.0430622	.3926017
#2	1836.233	.4827068	.8439103	21.29232	.0478913	.3956675
#3	1841.030	.4912851	.8345561	21.04248	.0480569	.3931253

Sample Name: J4075-07 Acquired: 7/24/2018 17:59:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MJJ1T9S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161510	27.83846	2.333967	.0063732	-.007702	.0205179
Stddev	.0004857	.04343	.023725	.0009254	.005293	.0008405
%RSD	3.007051	.1560041	1.016508	14.52084	68.72089	4.096570

#1	.0155968	27.86567	2.329870	.0064762	-.004799	.0213559
#2	.0163536	27.78838	2.359474	.0054005	-.013811	.0196749
#3	.0165026	27.86135	2.312558	.0072428	-.004496	.0205228

Elem	Sr4077
Units	ppm
Avg	2.489660
Stddev	.007943
%RSD	.3190315

#1	2.487170
#2	2.498550
#3	2.483261

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2042.780	2416.715	43414.34	5225.897	3198.583
Stddev	23.209	7.566	187.30	30.417	14.943
%RSD	1.136139	.3130872	.4314197	.5820431	.4671734

#1	2040.984	2421.928	43326.87	5256.911	3201.885
#2	2020.522	2420.180	43286.78	5196.115	3211.599
#3	2066.835	2408.037	43629.37	5224.665	3182.265

Sample Name: PB111374TB Acquired: 7/24/2018 18:03:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048292	-.002537	.0017741	.0017694	-.002107	.0064516
Stddev	.0022375	.001903	.0014511	.0024205	.001358	.0124416
%RSD	46.33362	75.00733	81.79588	136.8010	64.46099	192.8461

#1	.0056855	-.004361	.0023054	.0042546	-.000923	.0195392
#2	.0022900	-.002685	.0028846	-.000581	-.001807	-.005223
#3	.0065121	-.000564	.0001322	.001634	-.003590	.005039

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000664	-.000048	.0000417	.0063923	.0003886	-.000296
Stddev	.000605	.000032	.0000658	.0064781	.0005095	.000527
%RSD	91.08364	66.36637	157.9849	101.3410	131.0818	178.3046

#1	-.000019	-.000055	.0000681	.0131151	.0001453	-.000880
#2	-.001218	-.000013	-.000033	.0058714	.0000465	.000145
#3	-.000756	-.000076	.000090	.0001905	.0009742	-.000153

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011374	.0124257	.0022214	.0405134	.0042660	.0000751
Stddev	.0028702	.0232527	.0012728	.0393247	.0006222	.0001230
%RSD	252.3338	187.1346	57.29612	97.06613	14.58528	163.8792

#1	.0042513	-.011305	.0007635	.0102811	.0037131	.0001708
#2	-.001402	.035169	.0031109	.0262877	.0041452	.0001181
#3	.000563	.013413	.0027899	.0849713	.0049398	-.000064

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 966.1988	-.007620	.0019633	-.297119	.0101115	-.005351
Stddev	2.2628	.001624	.0064241	.039197	.0032825	.000236
%RSD	.2341923	21.31451	327.2166	13.19241	32.46315	4.405571

#1	963.9275	-.009301	.0092707	-.252976	.0135893	-.005494
#2	966.2159	-.006059	-.000586	-.327848	.0096781	-.005479
#3	968.4529	-.007499	-.002795	-.310534	.0070673	-.005078

Sample Name: PB111374TB Acquired: 7/24/2018 18:03:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LEB009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000148	.0349132	.0037932	.0057843	-.000055	.0021394
Stddev	.000285	.0093674	.0005809	.0003127	.002393	.0022695
%RSD	191.9886	26.83059	15.31335	5.405485	4342.432	106.0773

#1	.000115	.0433499	.0040834	.0060864	.001637	.0001811
#2	-.000451	.0365569	.0041718	.0058045	.000991	.0046266
#3	-.000109	.0248327	.0031244	.0054620	-.002794	.0016105

Elem	Sr4077
Units	ppm
Avg	.0000784
Stddev	.0000483
%RSD	61.65381

#1	.0000575
#2	.0000440
#3	.0001337

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2028.679	2443.010	43040.28	5166.724	3356.053
Stddev	3.892	3.355	54.32	20.231	6.544
%RSD	.1918565	.1373258	.1262150	.3915579	.1949794

#1	2025.140	2442.815	43092.94	5146.722	3361.590
#2	2028.049	2446.459	42984.43	5166.276	3357.736
#3	2032.847	2439.757	43043.46	5187.176	3348.832

Sample Name: CCV076 Acquired: 7/24/2018 18:07:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV076 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.838399	4.916440	24.94279	4.749679	4.905243	410.5022	9.978359
Stddev	.039973	.042141	.22348	.039364	.033653	1.4824	.030585
%RSD	.8261716	.8571514	.8959546	.8287681	.6860521	.3611284	.3065097

#1	4.794344	4.871672	24.70452	4.704678	4.866572	409.8904	10.00917
#2	4.848501	4.922309	24.97612	4.766642	4.921273	412.1926	9.94801
#3	4.872353	4.955340	25.14773	4.777718	4.927884	409.4236	9.97790

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4810881	2.473833	401.1163	15.21183	2.516244	15.08812	407.8080
Stddev	.0019178	.023182	1.7307	.01205	.021750	.03026	1.5920
%RSD	.3986416	.9370949	.4314662	.0792077	.8643664	.2005865	.3903911

#1	.4806046	2.448116	402.5809	15.19810	2.493153	15.09738	408.7821
#2	.4832014	2.480257	399.2065	15.21676	2.519239	15.11268	405.9708
#3	.4794583	2.493125	401.5614	15.22064	2.536341	15.05431	408.6711

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.55329	399.9645	2.546937	1.234845	402.1473	2.519383	14.86927
Stddev	.07106	1.8989	.024339	.006881	3.6116	.026039	.16447
%RSD	.4883089	.4747626	.9556206	.5572335	.8980845	1.033530	1.106127

#1	14.61981	401.4547	2.519263	1.237128	404.5910	2.501256	14.83410
#2	14.47842	397.8265	2.556532	1.240294	397.9989	2.549221	15.04849
#3	14.56162	400.6123	2.565016	1.227113	403.8522	2.507672	14.72523

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.6148	5.469777	5.137442	4.918152	5.092950	4.805766	5.050626
Stddev	.3123	.055890	.011525	.032878	.028960	.015728	.044060
%RSD	.2033066	1.021800	.2243290	.6685065	.5686365	.3272835	.8723608

#1	153.5615	5.406558	5.149540	4.880407	5.062757	4.808655	5.002210
#2	153.3326	5.490151	5.136194	4.933496	5.095599	4.819851	5.061300
#3	153.9503	5.512622	5.126592	4.940554	5.120496	4.788794	5.088368

Sample Name: CCV076 Acquired: 7/24/2018 18:07:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV076 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.013824	5.104524	5.029619
Stddev	.027857	.007140	.013000
%RSD	.5555967	.1398693	.2584609

#1	5.018425	5.112760	5.038466
#2	5.039094	5.100721	5.014694
#3	4.983954	5.100090	5.035697

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1810.824	2147.407	40466.63	4886.260	3007.982
Stddev	12.935	13.960	141.11	3.709	24.906
%RSD	.7142998	.6501089	.3487059	.0759019	.8279865

#1	1807.522	2163.514	40482.91	4882.898	3035.827
#2	1799.861	2139.913	40318.09	4885.644	3000.287
#3	1825.090	2138.794	40598.90	4890.238	2987.832

Sample Name: CCB076 Acquired: 7/24/2018 18:11:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB076 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027196	-.001366	.0018929	.0010487	.0015982	.0135276	-.000575
Stddev	.0031687	.001854	.0016800	.0012455	.0007545	.0100261	.000823
%RSD	116.5153	135.7290	88.75424	118.7661	47.20941	74.11558	143.1231

#1	.0047341	-.003088	.0001077	.0016828	.0018951	.0073013	-.000845
#2	.0043575	-.001606	.0034430	.0018495	.0007404	.0081882	-.001229
#3	-.000933	.000596	.0021280	-.000386	.0021591	.0250934	.000349

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	.0000813	-.008924	.0002044	-.000119	.0039578	-.007069
Stddev	.000011	.0000377	.000461	.0003097	.000262	.0028766	.013941
%RSD	133.2221	46.31088	5.161011	151.5087	219.0333	72.68119	197.2156

#1	-.000000	.0000381	-.009455	-.000075	.000024	.0024084	-.020474
#2	-.000004	.0001066	-.008671	.000538	-.000421	.0021881	-.008083
#3	-.000021	.0000994	-.008645	.000150	.000039	.0072770	.007351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002646	.0272257	-.001005	.0002090	.3554084	-.003896	.0055435
Stddev	.0007728	.0217682	.000156	.0001146	.1974330	.003585	.0186712
%RSD	292.1042	79.95441	15.51077	54.84210	55.55104	92.01966	336.8103

#1	.0011503	.0027465	-.000923	.0000819	.1298073	-.002035	-.000207
#2	-.000085	.0444080	-.000906	.0003046	.4397851	-.001624	.026414
#3	-.000272	.0345227	-.001184	.0002405	.4966328	-.008029	-.009576

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6097246	-.003270	.0003445	.0002065	-.025817	.0017819	.0000865
Stddev	.0497273	.001323	.0009125	.0002189	.003667	.0008953	.0004746
%RSD	8.155694	40.46642	264.8784	106.0070	14.20405	50.24524	548.8388

#1	.6647186	-.003649	.0002821	-.000046	-.025282	.0027636	-.000276
#2	.5965295	-.001799	.0012866	.000322	-.029723	.0010104	.000624
#3	.5679256	-.004362	-.000535	.000344	-.022447	.0015718	-.000088

Sample Name: CCB076 Acquired: 7/24/2018 18:11:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v601) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB076 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002873	.0114531	-.000168
Stddev	.001544	.0019156	.000073
%RSD	53.74719	16.72589	43.25474

#1	-.003159	.0132042	-.000249
#2	-.001206	.0117480	-.000107
#3	-.004255	.0094071	-.000149

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2063.637	2514.440	43041.39	5057.250	3485.894
Stddev	17.644	4.328	253.52	25.338	5.999
%RSD	.8549791	.1721411	.5890175	.5010216	.1720942

#1	2043.371	2512.116	42752.34	5046.750	3488.264
#2	2071.960	2519.434	43226.06	5086.150	3490.346
#3	2075.579	2511.770	43145.77	5038.850	3479.072