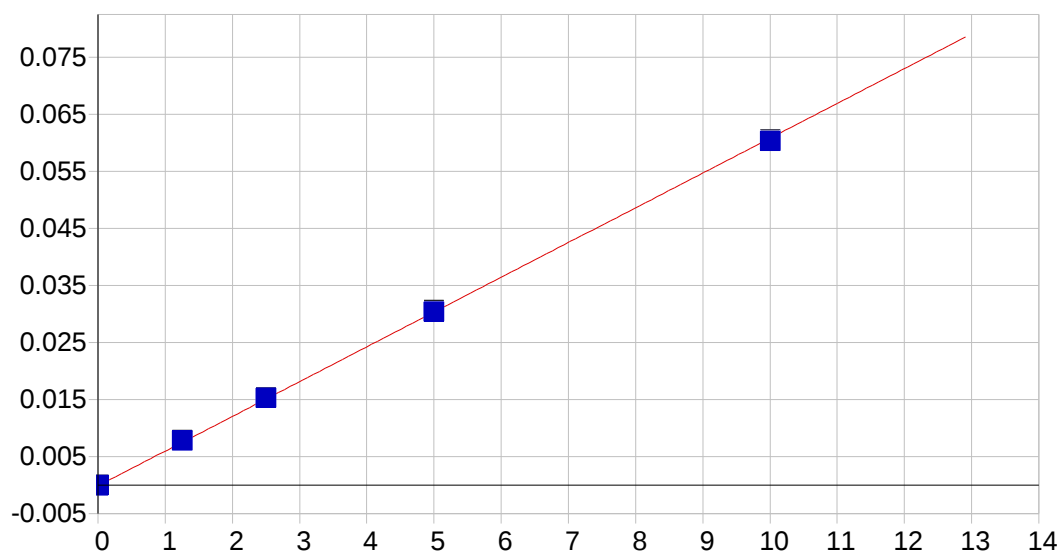




As 189.042 {479}

Date of Fit: 9/20/2018 16:16:03

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000136

Re-Slope: 1.000000

A1 (Gain): 0.006095

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999862

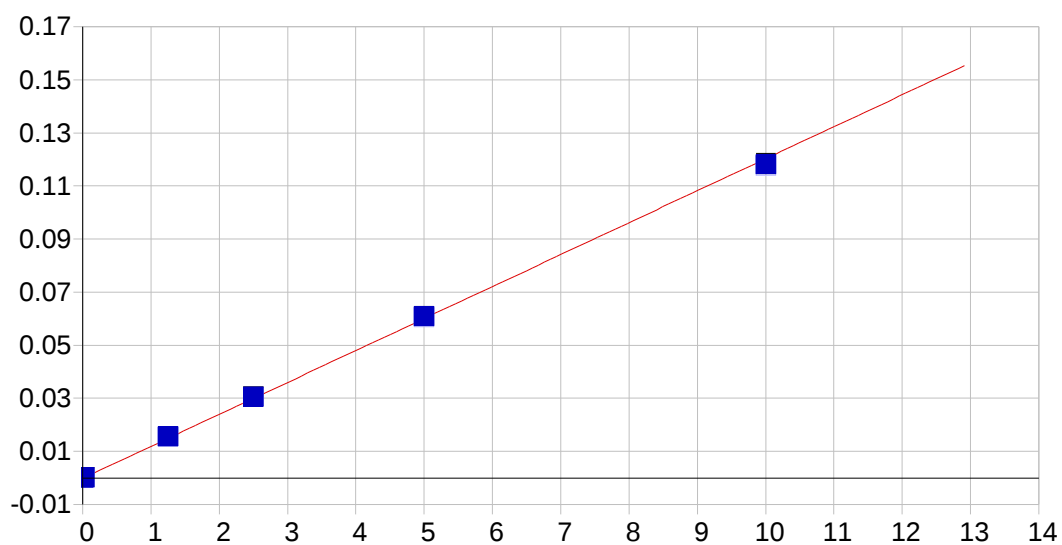
Status: OK.

Std Error of Est: 0.000002

Predicted MDL: 0.007784

Predicted MQL: 0.025946

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00014	.000	1
S1	.01000	.01491	.005	49.1	-.00005	.000	1
S2	1.2500	1.2969	.047	3.75	.00780	.000	1
S3	2.5000	2.5239	.024	.955	.01531	.000	1
S4	5.0000	5.0123	.012	.245	.03053	.000	1
S5	10.000	9.9121	-.088	-.879	.06052	.000	1

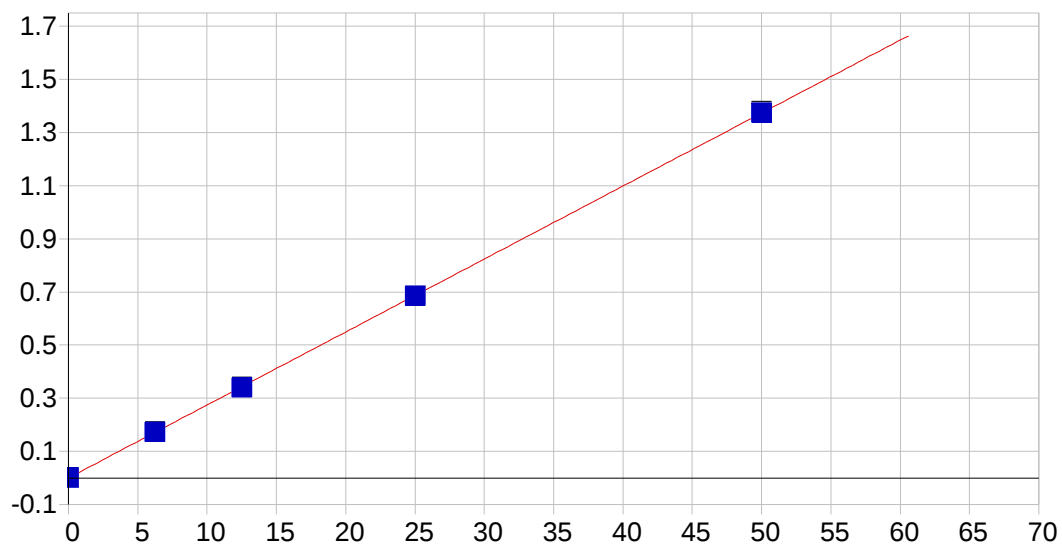


TI 190.856 {477}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000151 Re-Slope: 1.000000
 A1 (Gain): 0.012041 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999802 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.003652
 Predicted MQL: 0.012173

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.02500	.02442	-.001	-2.32	.00014	.000	1
S2	1.2500	1.3043	.054	4.35	.01546	.000	1
S3	2.5000	2.5544	.054	2.18	.03042	.000	1
S4	5.0000	5.0640	.064	1.28	.06046	.000	1
S5	10.000	9.8278	-.172	-1.72	.11746	.000	1

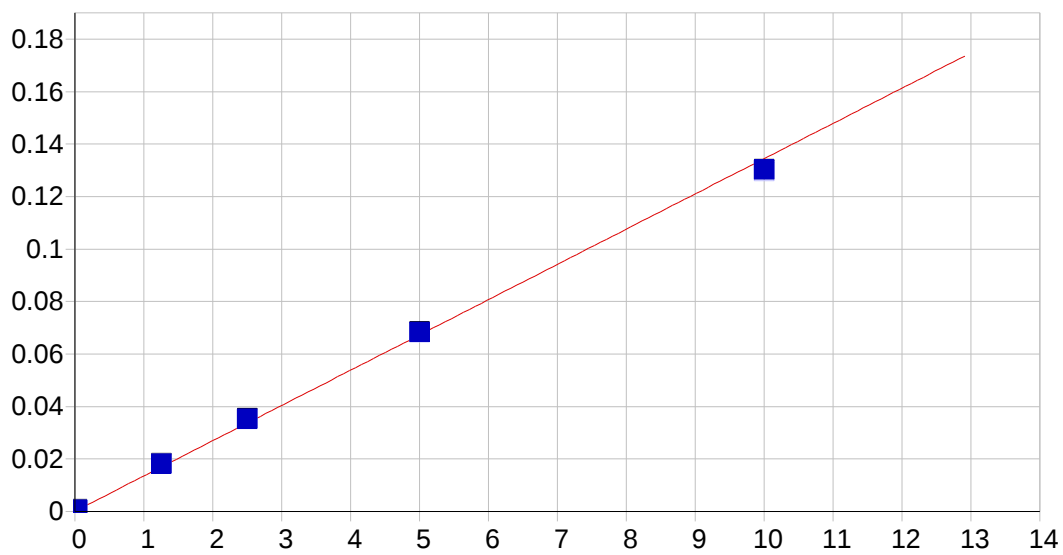


Pb 220.353 {453}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000046 Re-Slope: 1.000000
 A1 (Gain): 0.027464 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999992 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.003360
 Predicted MQL: 0.011199

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00005	.000	1
S1	.01000	.00950	-.001	-5.01	.00022	.000	1
S2	6.2500	6.3119	.062	.990	.17354	.001	1
S3	12.500	12.410	-.090	-.716	.34127	.001	1
S4	25.000	24.955	-.045	-.180	.68628	.001	1
S5	50.000	50.073	.073	.146	1.3771	.003	1

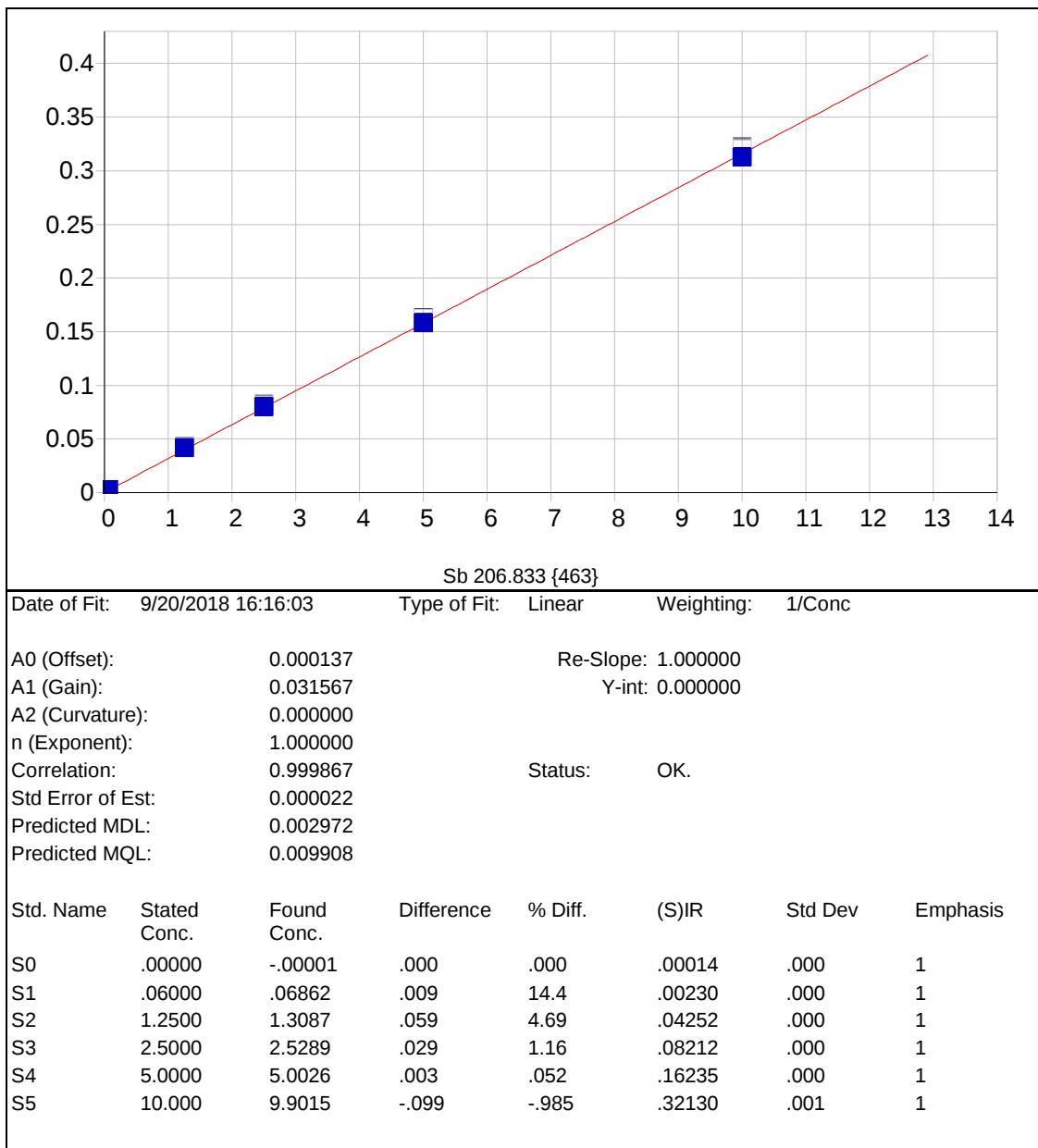


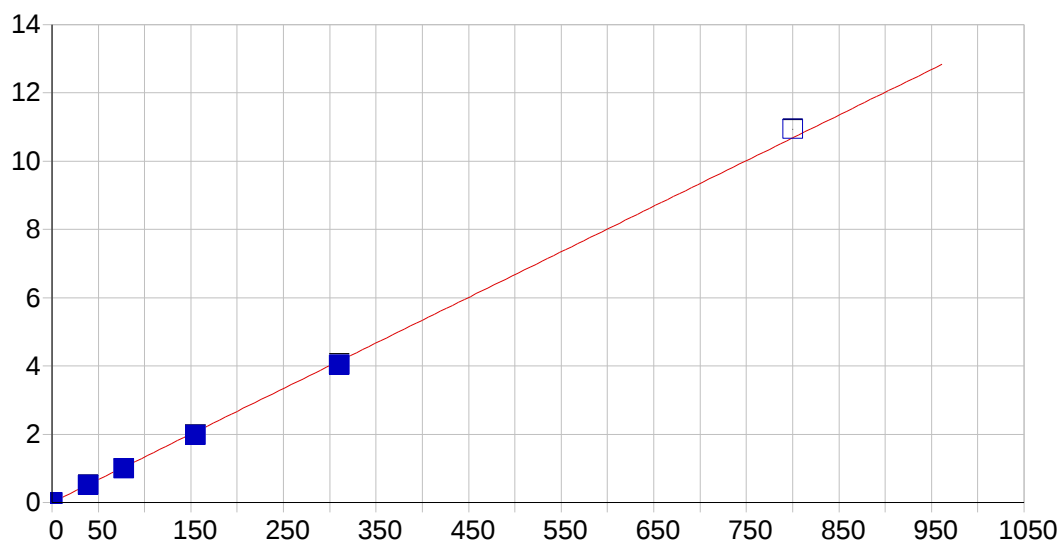
Se 196.090 {472}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000105 Re-Slope: 1.000000
 A1 (Gain): 0.013434 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999245 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.005454
 Predicted MQL: 0.018180

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00010	.000	1
S1	.03500	.04536	.010	29.6	.00071	.000	1
S2	1.2500	1.3474	.097	7.79	.01813	.000	1
S3	2.5000	2.6250	.125	5.00	.03521	.000	1
S4	5.0000	5.0816	.082	1.63	.06805	.000	1
S5	10.000	9.6856	-.314	-3.14	.12959	.000	1



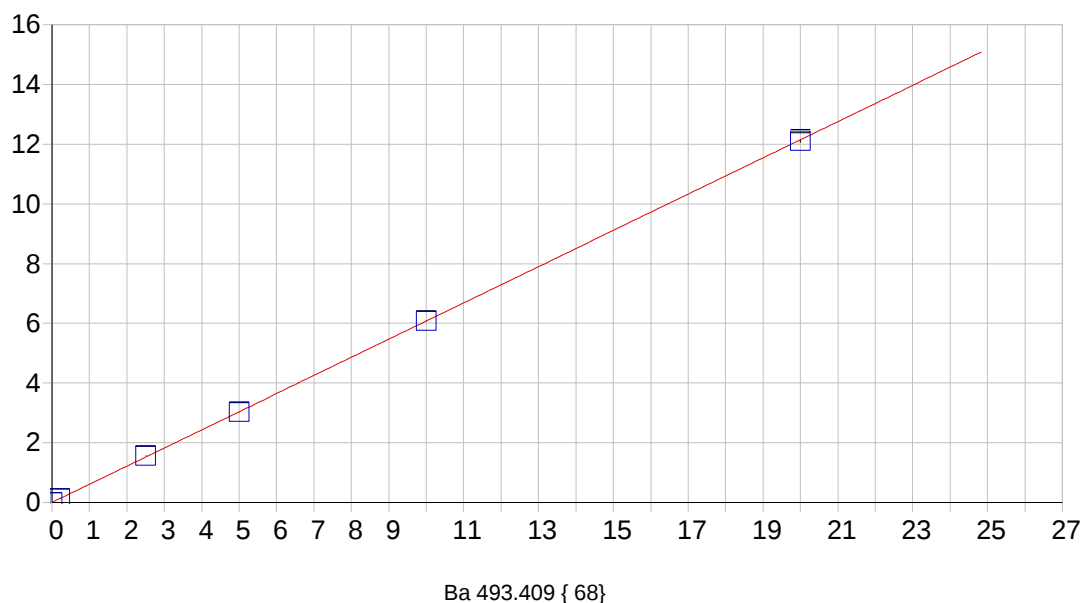


AI 396.152 { 85}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001220 Re-Slope: 1.000000
 A1 (Gain): 0.013352 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999581 Status: OK.
 Std Error of Est: 0.000240
 Predicted MDL: 0.026299
 Predicted MQL: 0.087662

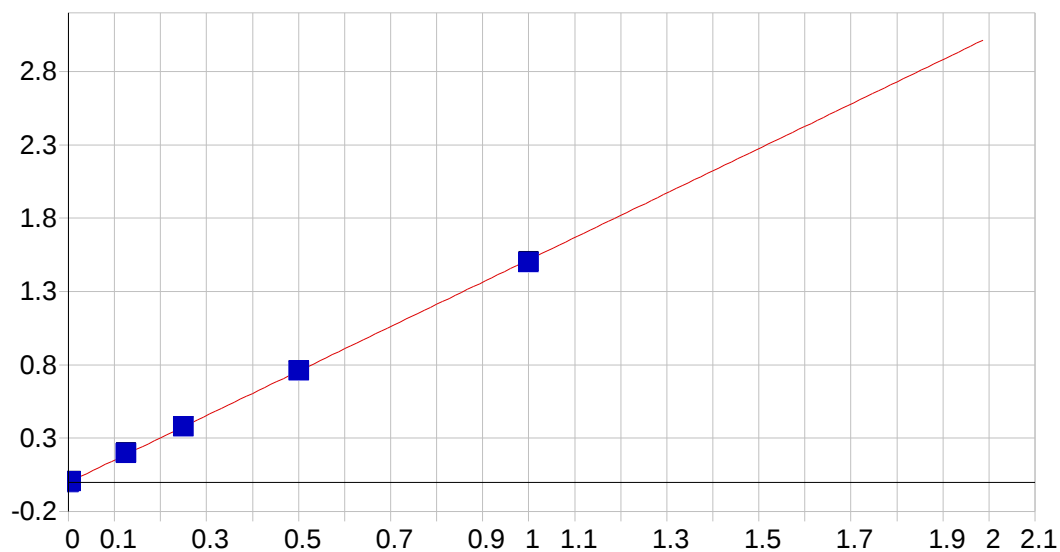
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00122	.000	1
S1	.20000	.20372	.004	1.86	.00394	.000	1
S2	38.750	38.281	-.469	-1.21	.51284	.003	1
S3	77.500	74.072	-3.43	-4.42	.99122	.003	1
S4	155.00	148.15	-6.85	-4.42	1.9813	.007	1
S5	310.00	301.49	-8.51	-2.75	4.0306	.037	1
S6	800.00	819.27	19.3	2.41	10.940	.006	1



Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003207 Re-Slope: 1.000000
 A1 (Gain): 0.607252 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000538
 Predicted MDL: 0.001719
 Predicted MQL: 0.005730

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00320	.000	1
S1	.20000	.21349	.013	6.74	.13285	.001	1
S2	2.5000	2.5602	.060	2.41	1.5579	.002	1
S3	5.0000	4.9788	-.021	-.425	3.0266	.005	1
S4	10.000	10.006	.006	.060	6.0794	.003	1
S5	20.000	19.942	-.058	-.292	12.113	.054	1

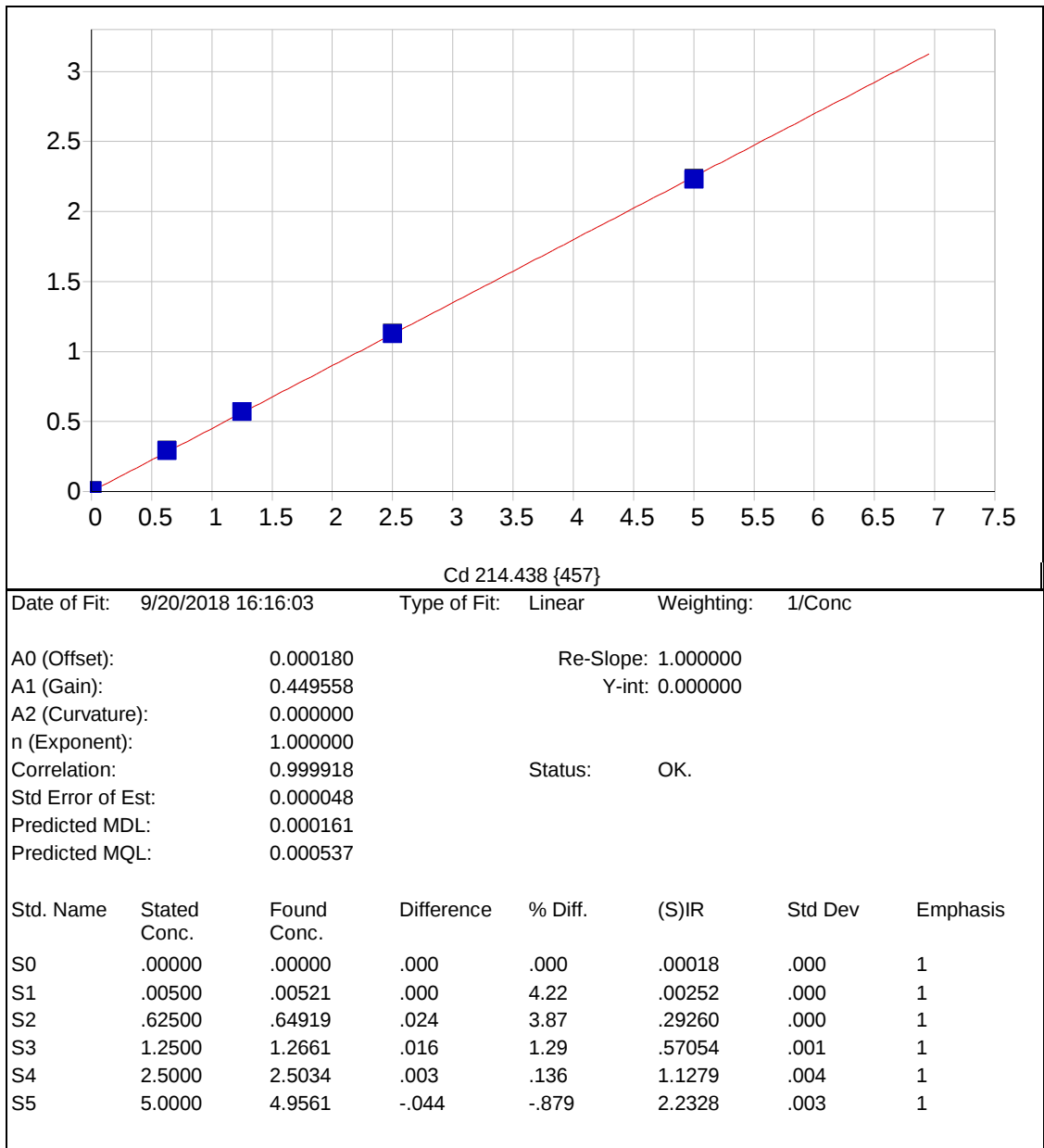


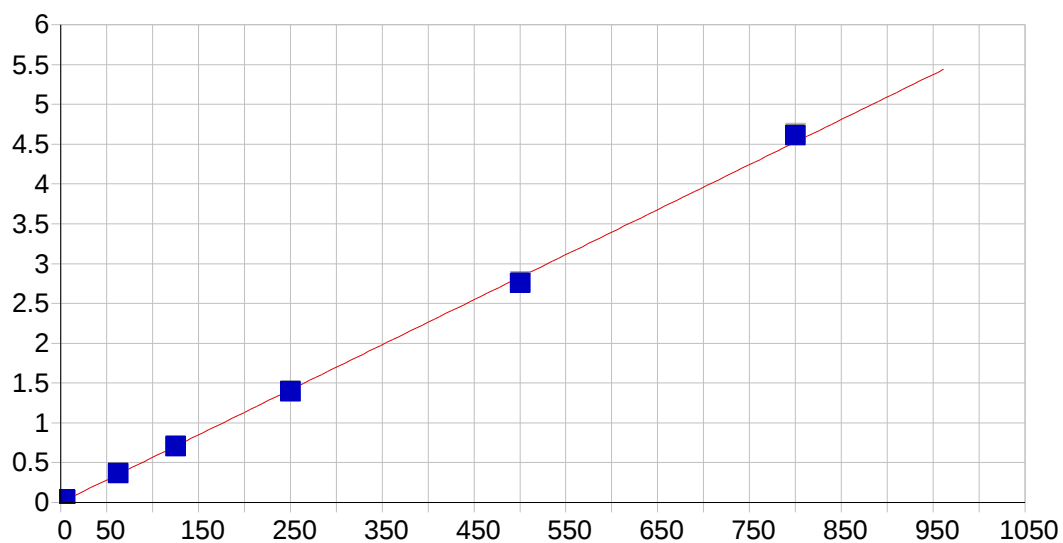
Be 234.861 {144}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001104 Re-Slope: 1.000000
 A1 (Gain): 1.516989 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.000117
 Predicted MQL: 0.000390

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00110	.000	1
S1	.00500	.00542	.000	8.45	.00712	.000	1
S2	.12500	.13188	.007	5.51	.19813	.002	1
S3	.25000	.25042	.000	.169	.37712	.001	1
S4	.50000	.50140	.001	.281	.75620	.003	1
S5	1.0000	.99087	-.009	-.913	1.4954	.002	1



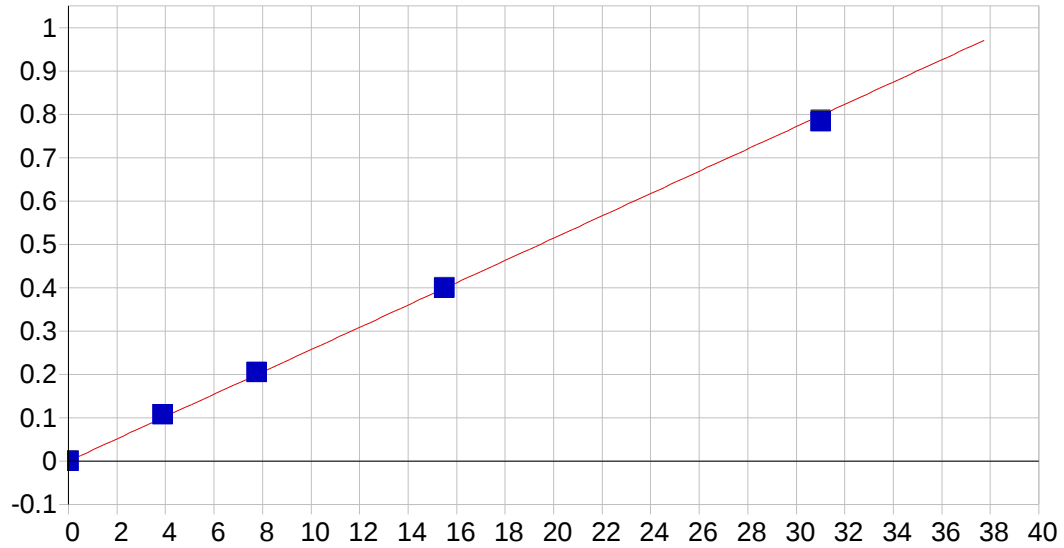


Ca 373.690 { 90}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000636 Re-Slope: 1.000000
 A1 (Gain): 0.005657 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999780 Status: OK.
 Std Error of Est: 0.000416
 Predicted MDL: 0.043338
 Predicted MQL: 0.144459

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00043	.000	.000	.00063	.000	1
S1	5.0000	5.3765	.376	7.53	.03106	.000	1
S2	62.500	64.921	2.42	3.87	.36917	.001	1
S3	125.00	124.52	-.481	-.384	.70759	.000	1
S4	250.00	245.91	-4.09	-1.64	1.3968	.001	1
S5	500.00	487.32	-12.7	-2.54	2.7676	.002	1
S6	800.00	814.42	14.4	1.80	4.6349	.003	1

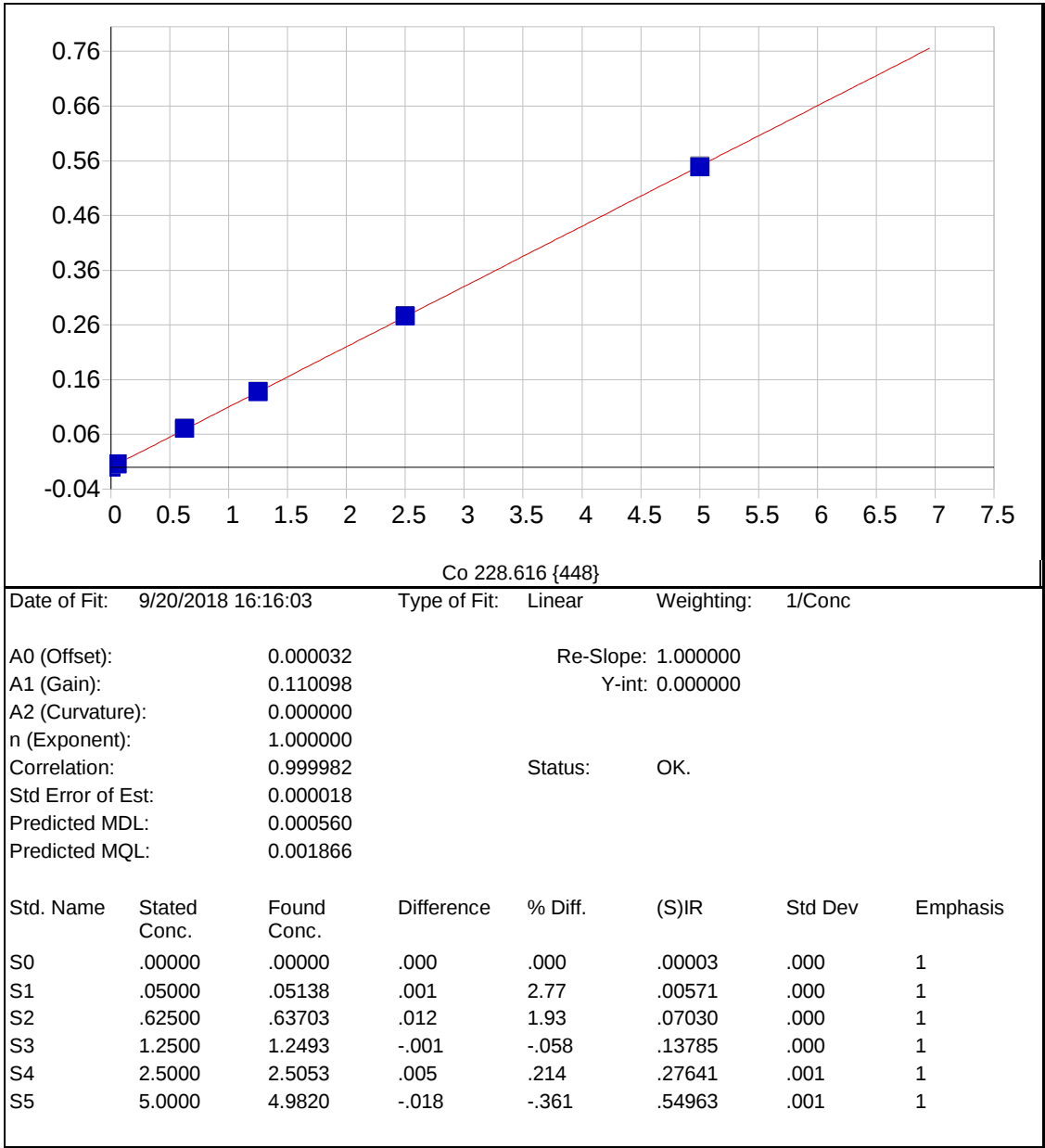


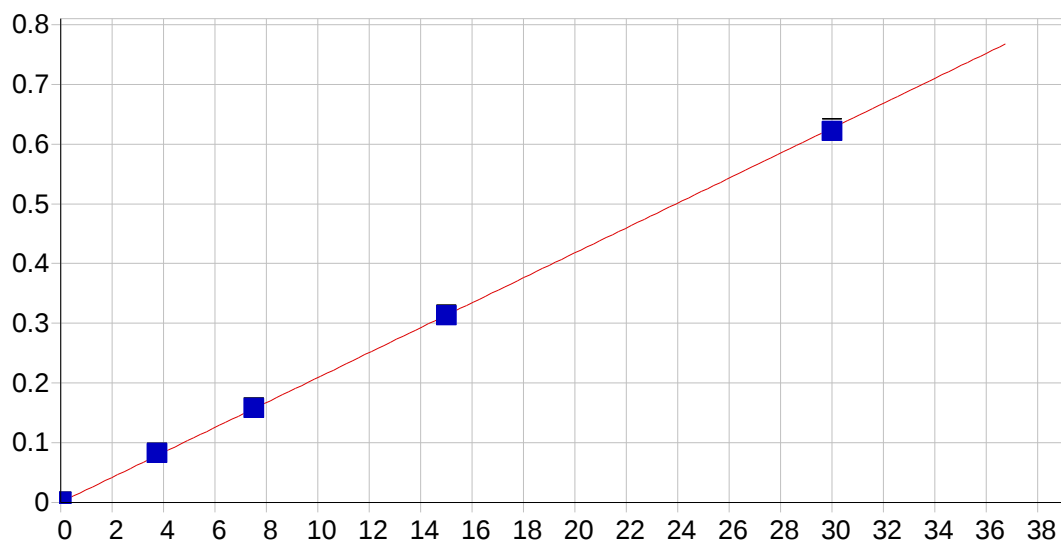
Cr 267.716 {126}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000004 Re-Slope: 1.000000
 A1 (Gain): 0.025712 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999665 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.000960
 Predicted MQL: 0.003200

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.01000	.01138	.001	13.8	.00030	.000	1
S2	3.8750	4.1718	.297	7.66	.10745	.000	1
S3	7.7500	7.9677	.218	2.81	.20523	.000	1
S4	15.500	15.540	.040	.261	.40029	.001	1
S5	31.000	30.444	-.556	-1.79	.78419	.002	1



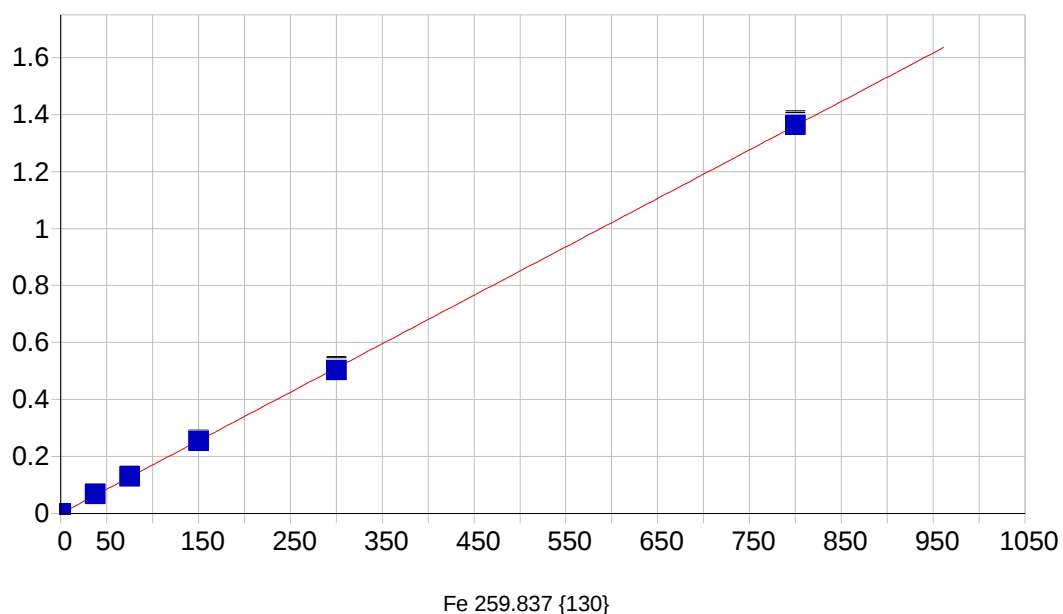


Cu 324.754 {104}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000394 Re-Slope: 1.000000
 A1 (Gain): 0.020873 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999862 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.008491
 Predicted MQL: 0.028305

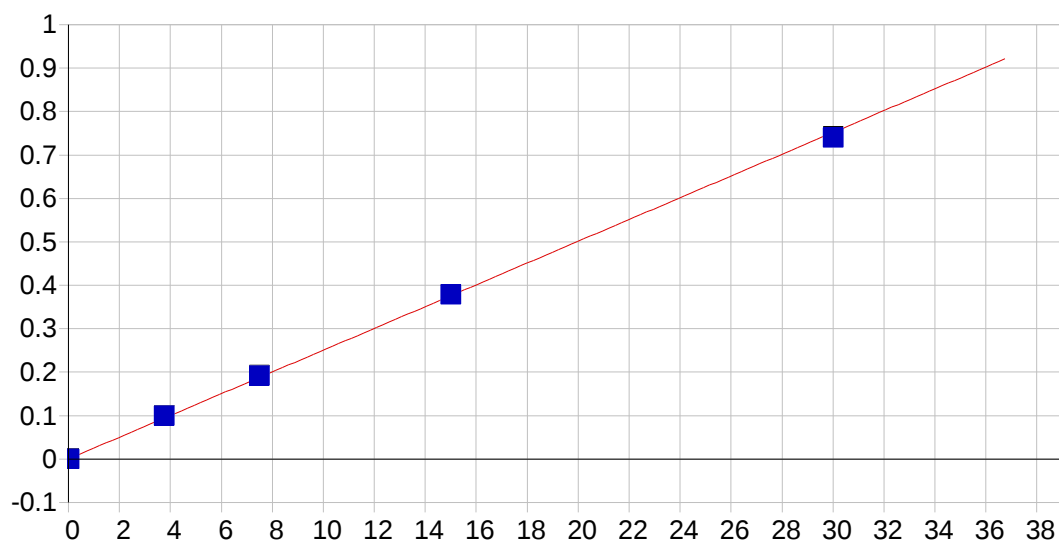
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00039	.000	1
S1	.02500	.03467	.010	38.7	.00112	.000	1
S2	3.7500	3.9396	.190	5.05	.08258	.000	1
S3	7.5000	7.5549	.055	.732	.15799	.001	1
S4	15.000	14.974	-.026	-.174	.31275	.002	1
S5	30.000	29.772	-.228	-.760	.62143	.004	1



Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000115 Re-Slope: 1.000000
 A1 (Gain): 0.001701 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.046076
 Predicted MQL: 0.153587

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00011	.000	1
S1	.10000	.06652	-.033	-33.5	.00023	.000	1
S2	37.500	40.038	2.54	6.77	.06856	.001	1
S3	75.000	76.294	1.29	1.73	.13058	.001	1
S4	150.00	149.16	-.844	-.563	.25521	.002	1
S5	300.00	295.79	-4.21	-1.40	.50600	.009	1
S6	800.00	801.26	1.26	.158	1.3693	.009	1

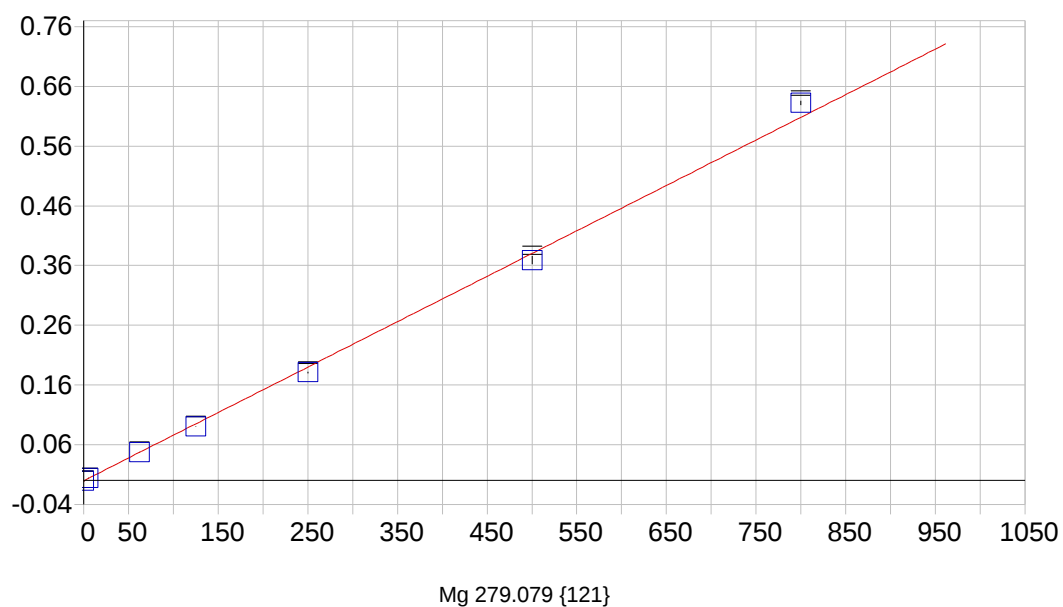


Mn 257.610 {131}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000011 Re-Slope: 1.000000
 A1 (Gain): 0.025065 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999766 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.002827
 Predicted MQL: 0.009422

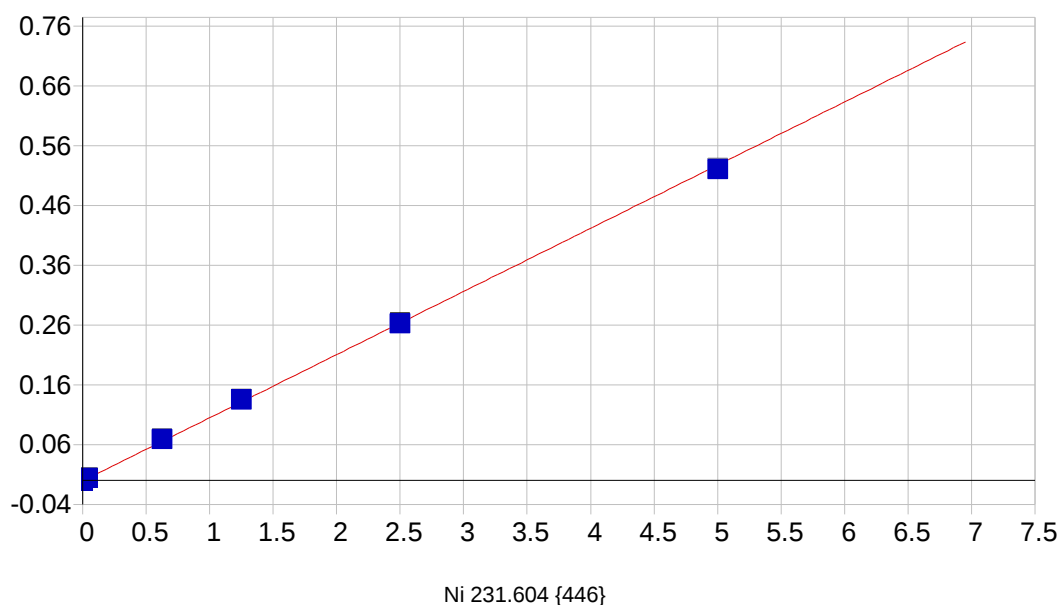
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01500	.01527	.000	1.78	.00037	.000	1
S2	3.7500	3.9878	.238	6.34	.09997	.000	1
S3	7.5000	7.6531	.153	2.04	.19186	.001	1
S4	15.000	15.088	.088	.589	.37827	.001	1
S5	30.000	29.520	-.480	-1.60	.74010	.002	1



Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000107 Re-Slope: 1.000000
 A1 (Gain): 0.000760 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999283 Status: OK.
 Std Error of Est: 0.000101
 Predicted MDL: 0.127389
 Predicted MQL: 0.424629

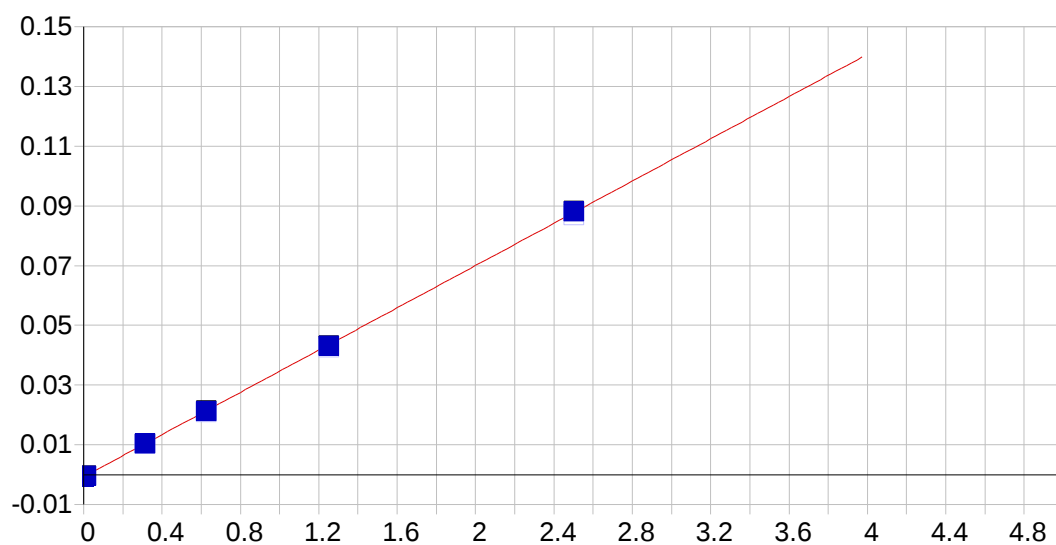
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00022	.000	.000	-.00011	.000	1
S1	5.0000	5.1919	.192	3.84	.00384	.000	1
S2	62.500	62.453	-.047	-.075	.04738	.000	1
S3	125.00	119.48	-5.52	-4.42	.09074	.001	1
S4	250.00	238.08	-11.9	-4.77	.18093	.001	1
S5	500.00	485.52	-14.5	-2.90	.36908	.007	1
S6	800.00	831.77	31.8	3.97	.63236	.003	1



Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000619 Re-Slope: 1.000000
 A1 (Gain): 0.105666 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999776 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 0.000740
 Predicted MQL: 0.002468

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00062	.000	1
S1	.04000	.04352	.004	8.79	.00398	.000	1
S2	.62500	.65941	.034	5.51	.06919	.000	1
S3	1.2500	1.2872	.037	2.98	.13567	.000	1
S4	2.5000	2.4920	-.008	-.321	.26324	.001	1
S5	5.0000	4.9329	-.067	-1.34	.52170	.001	1

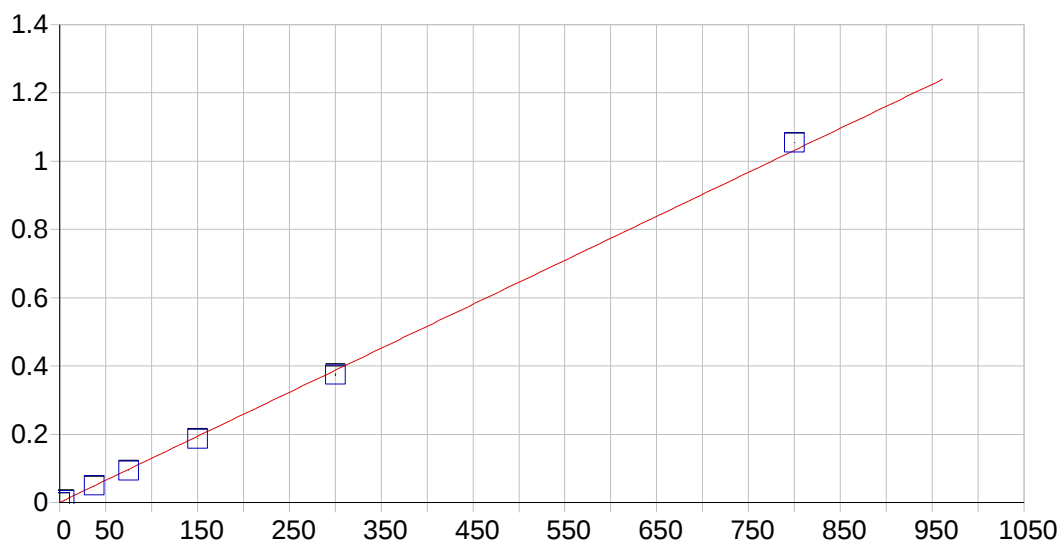


Ag 328.068 {103}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000734 Re-Slope: 1.000000
 A1 (Gain): 0.035371 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999977 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.001035
 Predicted MQL: 0.003449

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00073	.000	1
S1	.01000	.00956	.000	-4.36	-.00040	.000	1
S2	.31250	.31350	.001	.320	.01019	.000	1
S3	.62500	.61998	-.005	-.804	.02086	.000	1
S4	1.2500	1.2406	-.009	-.756	.04247	.000	1
S5	2.5000	2.5139	.014	.556	.08684	.000	1

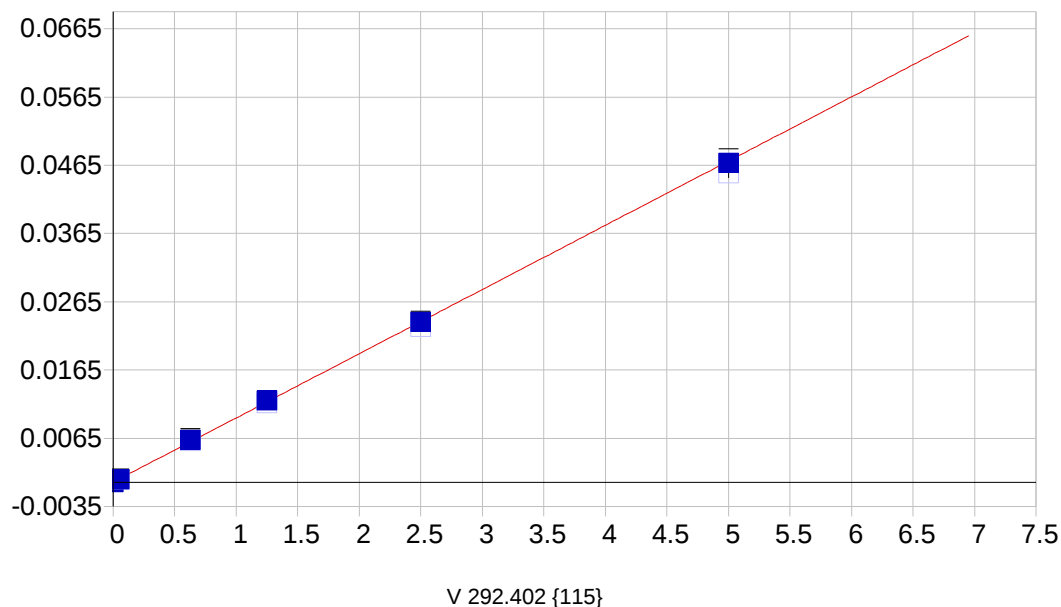


Na 818.326 { 41}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000490 Re-Slope: 1.000000
 A1 (Gain): 0.001289 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999636 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.570316
 Predicted MQL: 1.901054

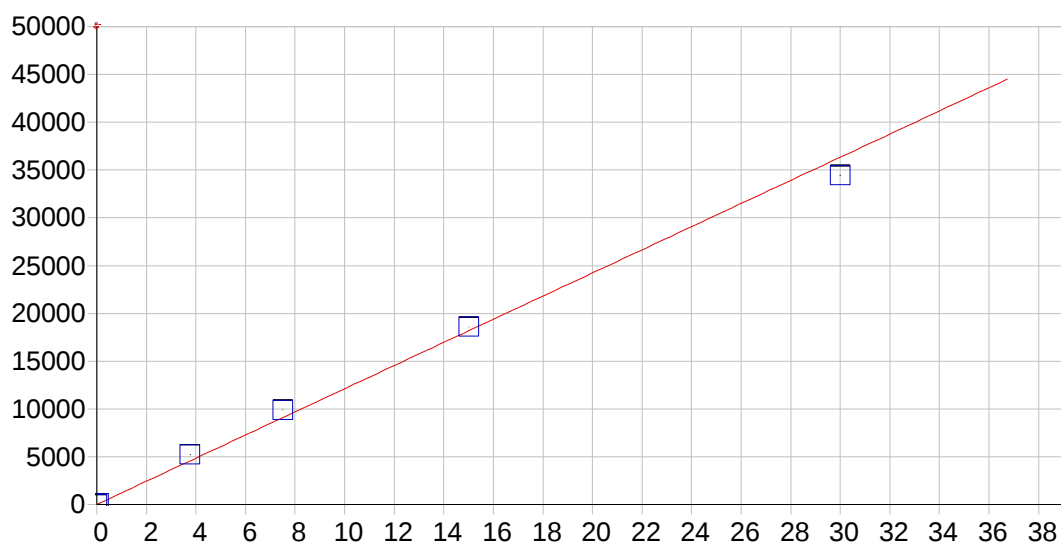
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	.00049	.000	1
S1	5.0000	5.1840	.184	3.68	.00717	.001	1
S2	37.500	37.735	.235	.626	.04914	.001	1
S3	75.000	72.245	-2.76	-3.67	.09363	.001	1
S4	150.00	144.67	-5.33	-3.55	.18701	.001	1
S5	300.00	290.25	-9.75	-3.25	.37470	.003	1
S6	800.00	817.41	17.4	2.18	1.0544	.000	1



Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000062 Re-Slope: 1.000000
 A1 (Gain): 0.009409 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999724 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.012663
 Predicted MQL: 0.042209

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00006	.000	1
S1	.05000	.03846	-.012	-23.1	.00042	.000	1
S2	.62500	.65842	.033	5.35	.00606	.000	1
S3	1.2500	1.2661	.016	1.29	.01159	.000	1
S4	2.5000	2.4939	-.006	-.243	.02275	.000	1
S5	5.0000	4.9685	-.031	-.630	.04526	.001	1

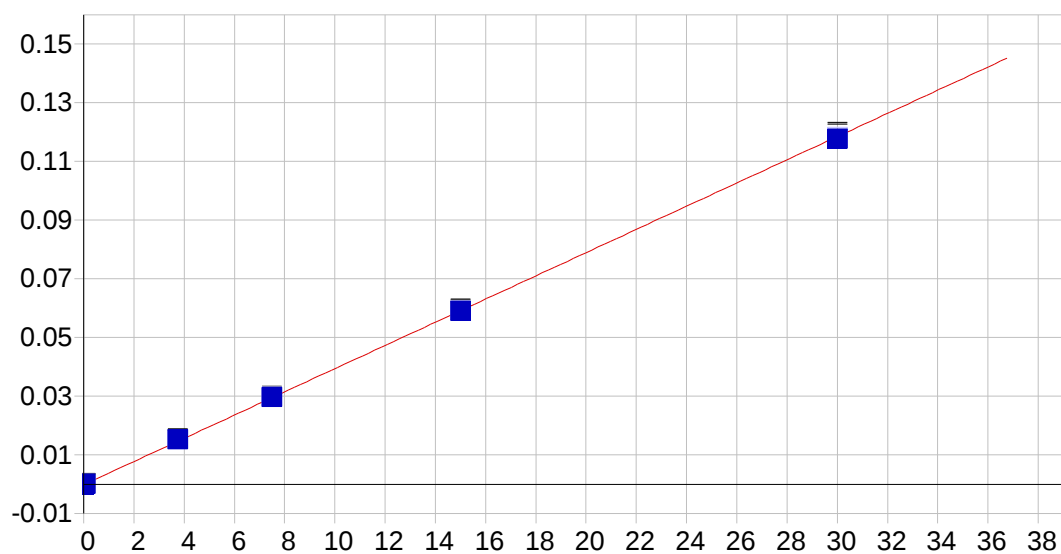


Zn 206.200 {464}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 4.901053 Re-Slope: 1.000000
 A1 (Gain): 1211.214974 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.997936 Status: OK.
 Std Error of Est: 5.546079
 Predicted MDL: 0.000507
 Predicted MQL: 0.001689

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	4.8677	.299	1
S1	.06000	.07524	.015	25.4	96.029	.447	1
S2	3.7500	4.2925	.543	14.5	5204.1	7.26	1
S3	7.5000	8.1704	.670	8.94	9901.0	11.9	1
S4	15.000	15.348	.348	2.32	18595.	29.5	1
S5	30.000	28.424	-1.58	-5.25	34432.	55.4	1

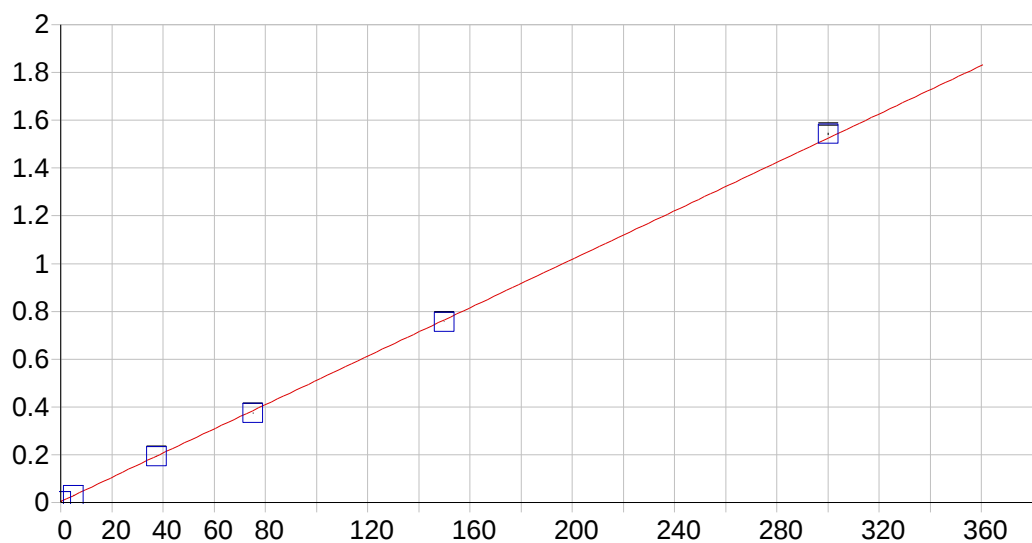


Zn 213.856 {158}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000192 Re-Slope: 1.000000
 A1 (Gain): 0.003956 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999783 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.027526
 Predicted MQL: 0.091754

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	-.00019	.000	1
S1	.06000	.09218	.032	53.6	.00017	.000	1
S2	3.7500	3.8967	.147	3.91	.01529	.000	1
S3	7.5000	7.5559	.056	.745	.02984	.000	1
S4	15.000	14.947	-.053	-.355	.05922	.000	1
S5	30.000	29.818	-.182	-.605	.11833	.002	1

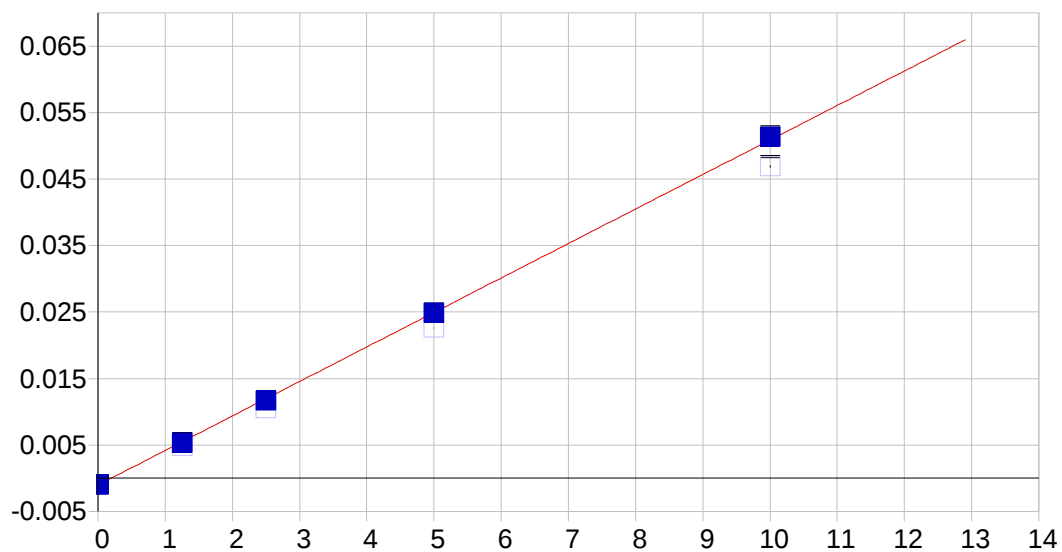


K 769.896 { 44}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003995 Re-Slope: 1.000000
 A1 (Gain): 0.005071 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000152
 Predicted MDL: 0.130173
 Predicted MQL: 0.433910

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	.000	.000	.00399	.000	1
S1	5.0000	5.1943	.194	3.89	.03033	.000	1
S2	37.500	37.413	-.087	-.233	.19370	.000	1
S3	75.000	73.070	-1.93	-2.57	.37450	.001	1
S4	150.00	148.26	-1.74	-1.16	.75576	.001	1
S5	300.00	303.56	3.56	1.19	1.5432	.005	1

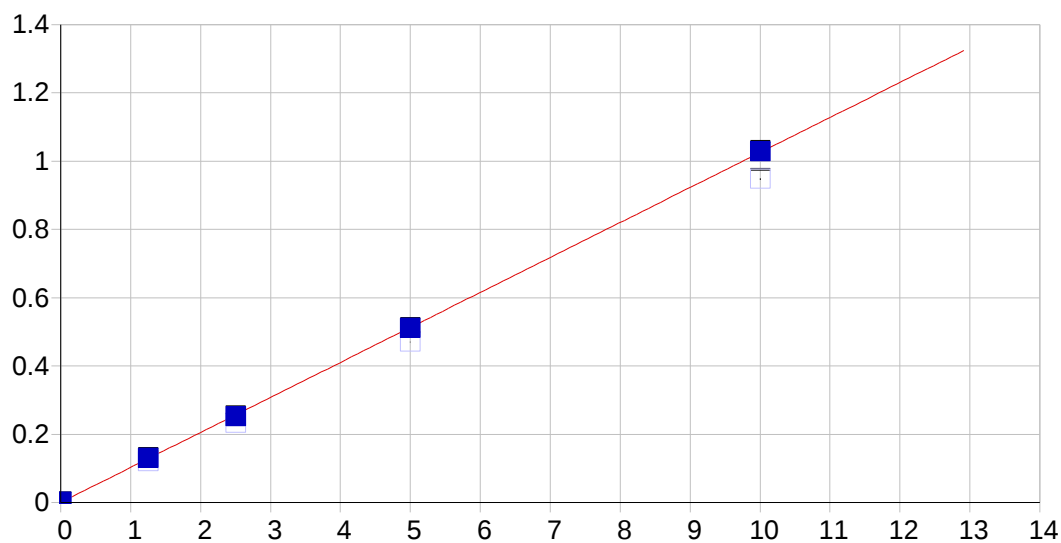


P 177.495 {490}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001011 Re-Slope: 1.000000
 A1 (Gain): 0.005189 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904 Status: OK.
 Std Error of Est: 0.000001
 Predicted MDL: 0.006682
 Predicted MQL: 0.022273

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00101	.000	1
S1	.01000	.01130	.001	13.0	-.00096	.000	1
S2	1.2500	1.2245	-.025	-2.04	.00478	.000	1
S3	2.5000	2.4425	-.057	-2.30	.01054	.000	1
S4	5.0000	4.9838	-.016	-.324	.02261	.000	1
S5	10.000	10.098	.098	.978	.04691	.000	1

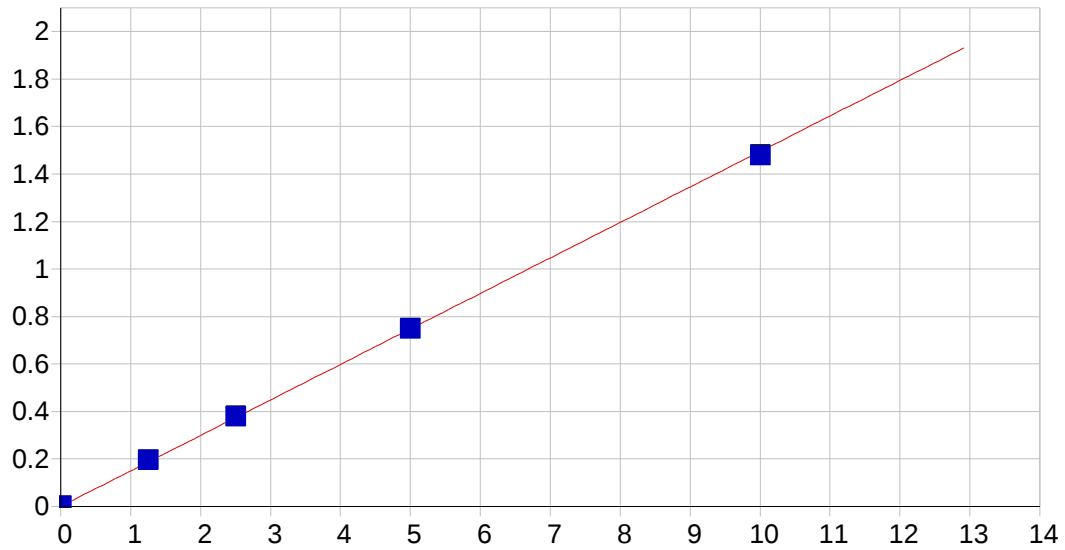


B 249.678 {135}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000324 Re-Slope: 1.000000
 A1 (Gain): 0.102528 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.001977
 Predicted MQL: 0.006591

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00032	.000	1
S1	.01000	.01181	.002	18.1	.00151	.000	1
S2	1.2500	1.2736	.024	1.89	.12076	.001	1
S3	2.5000	2.4616	-.038	-1.54	.23240	.000	1
S4	5.0000	4.9815	-.019	-.370	.47046	.001	1
S5	10.000	10.031	.031	.314	.94761	.002	1

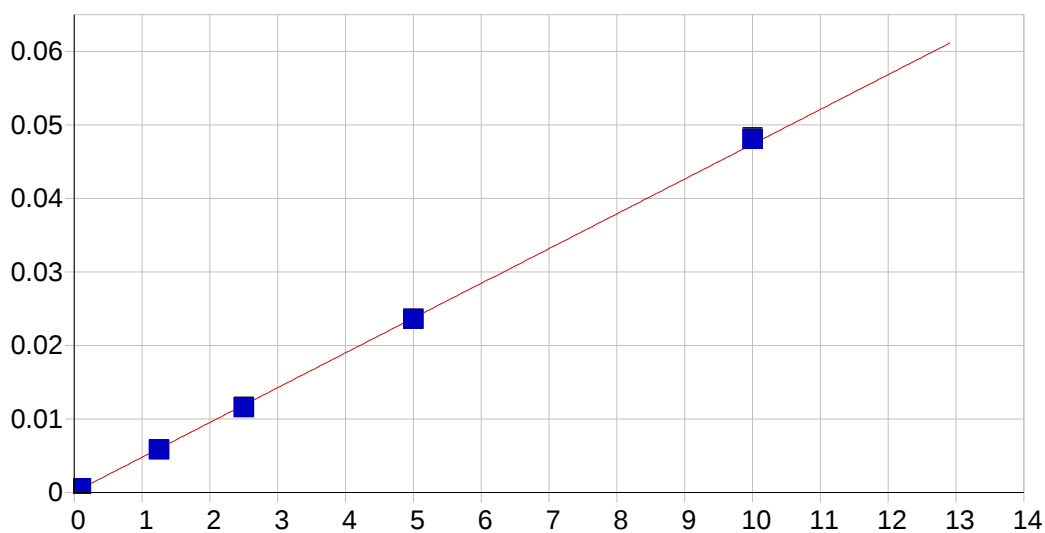


Mo 202.030 {467}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000194 Re-Slope: 1.000000
 A1 (Gain): 0.149503 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999873 Status: OK.
 Std Error of Est: 0.000040
 Predicted MDL: 0.000548
 Predicted MQL: 0.001828

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.01000	.01101	.001	10.1	.00184	.000	1
S2	1.2500	1.3086	.059	4.69	.19583	.000	1
S3	2.5000	2.5403	.040	1.61	.37996	.000	1
S4	5.0000	5.0120	.012	.239	.74946	.001	1
S5	10.000	9.8881	-.112	-1.12	1.4784	.003	1



S 182.034 {485}

Date of Fit: 9/20/2018 16:16:03

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000062

Re-Slope: 1.000000

A1 (Gain): 0.004732

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999855

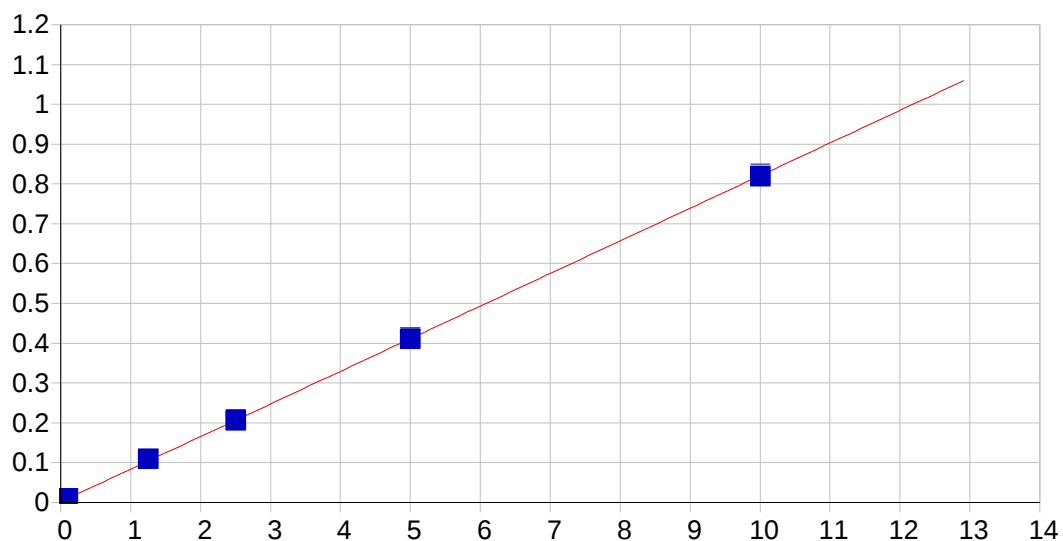
Status: OK.

Std Error of Est: 0.000004

Predicted MDL: 0.008044

Predicted MQL: 0.026812

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00006	.000	1
S1	.10000	.09689	-.003	-3.11	.00052	.000	1
S2	1.2500	1.2119	-.038	-3.04	.00580	.000	1
S3	2.5000	2.4296	-.070	-2.82	.01156	.000	1
S4	5.0000	4.9692	-.031	-.616	.02358	.000	1
S5	10.000	10.142	.142	1.42	.04807	.000	1

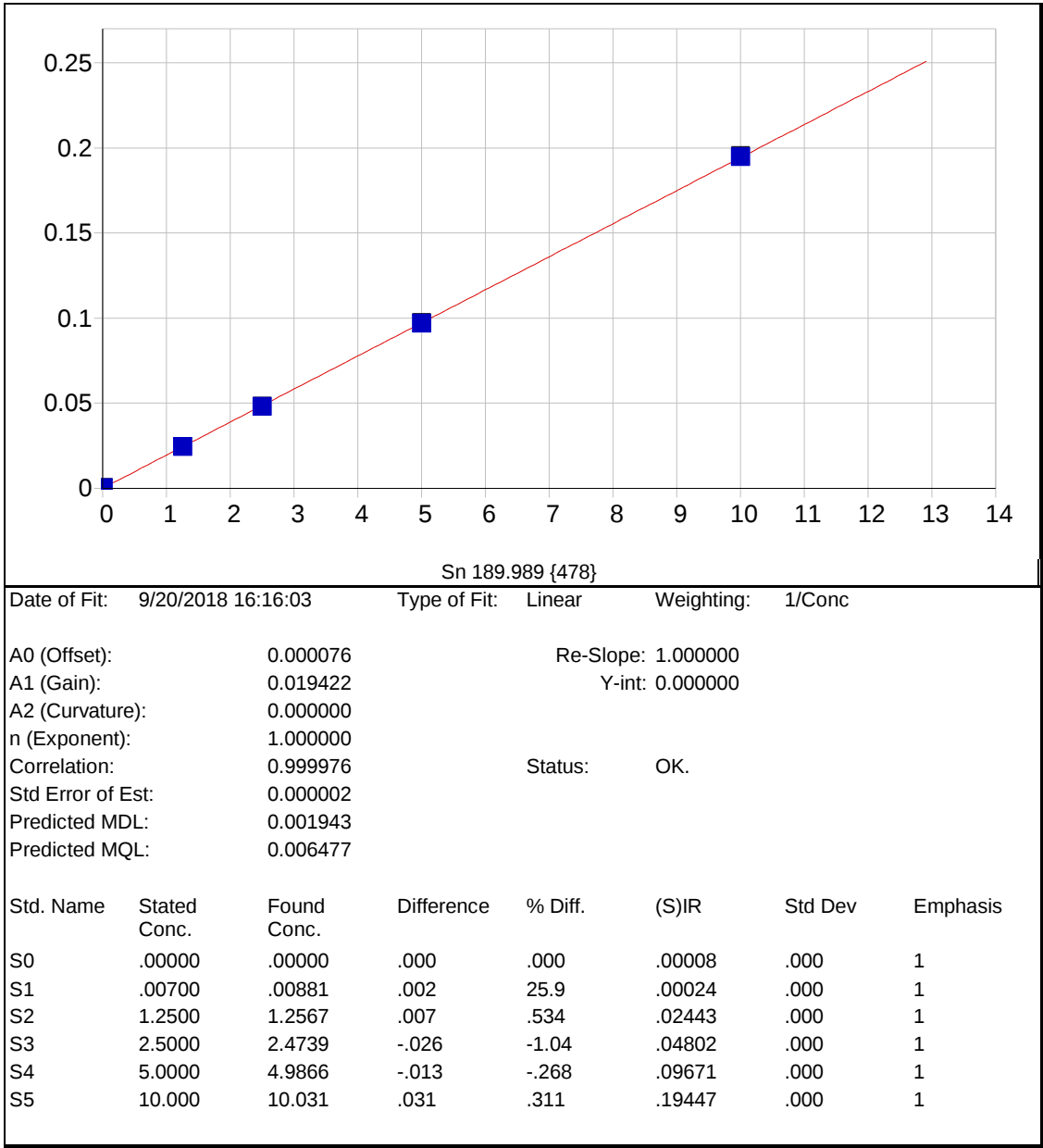


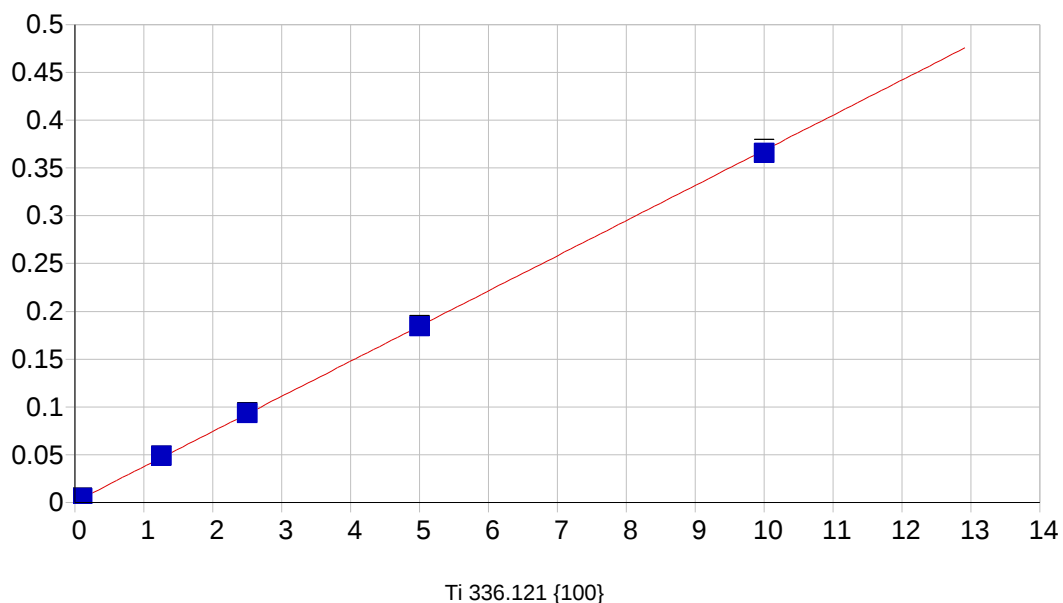
Si 251.611 {134}

Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001762 Re-Slope: 1.000000
 A1 (Gain): 0.081923 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000057
 Predicted MDL: 0.002242
 Predicted MQL: 0.007475

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00176	.000	1
S1	.10000	.10039	.000	.394	.01001	.000	1
S2	1.2500	1.3113	.061	4.90	.11003	.001	1
S3	2.5000	2.4819	-.018	-.722	.20677	.001	1
S4	5.0000	4.9877	-.012	-.245	.41373	.001	1
S5	10.000	9.9686	-.031	-.314	.82514	.001	1

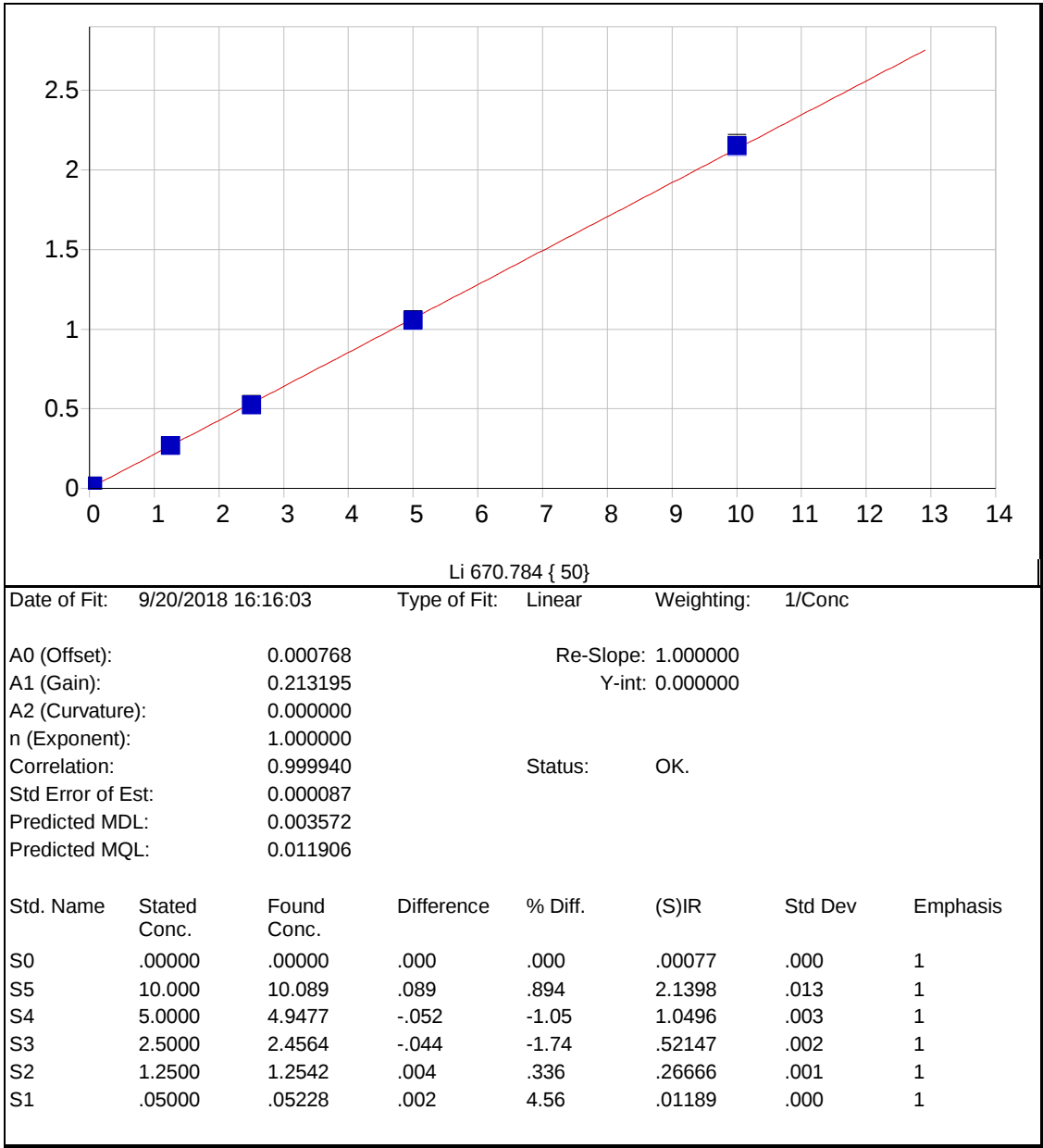




Date of Fit: 9/20/2018 16:16:03 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000726 Re-Slope: 1.000000
 A1 (Gain): 0.036779 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.004799
 Predicted MQL: 0.015997

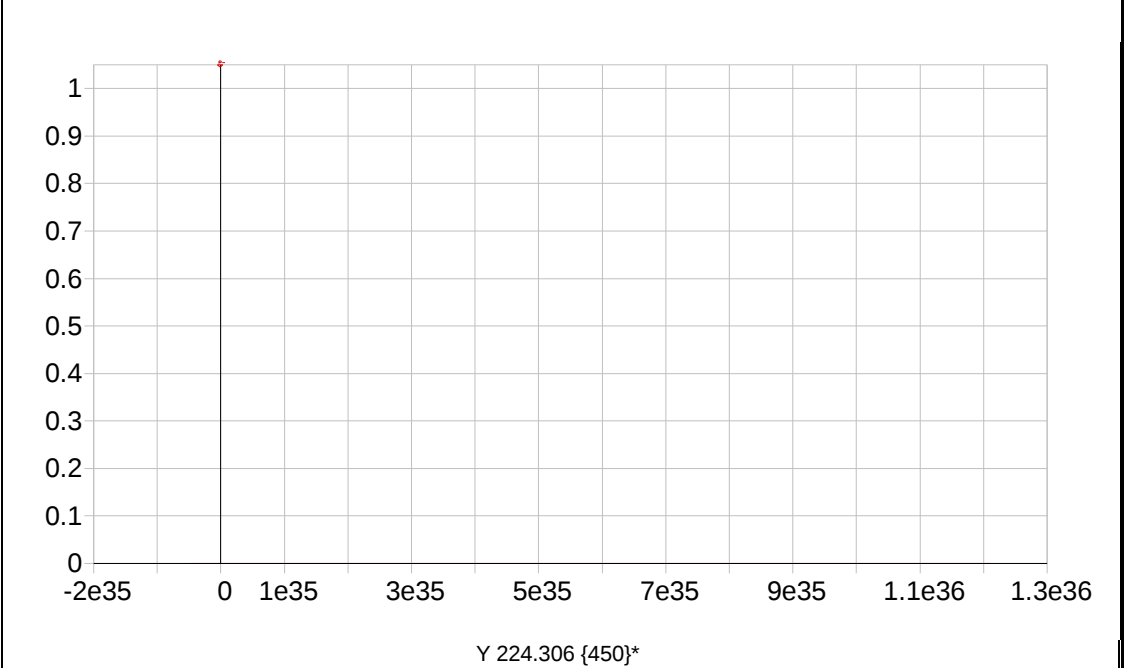
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00073	.000	1
S1	.10000	.10639	.006	6.39	.00464	.000	1
S2	1.2500	1.3033	.053	4.26	.04864	.000	1
S3	2.5000	2.5173	.017	.693	.09328	.001	1
S4	5.0000	4.9929	-.007	-.142	.18429	.001	1
S5	10.000	9.9301	-.070	-.699	.36581	.004	1



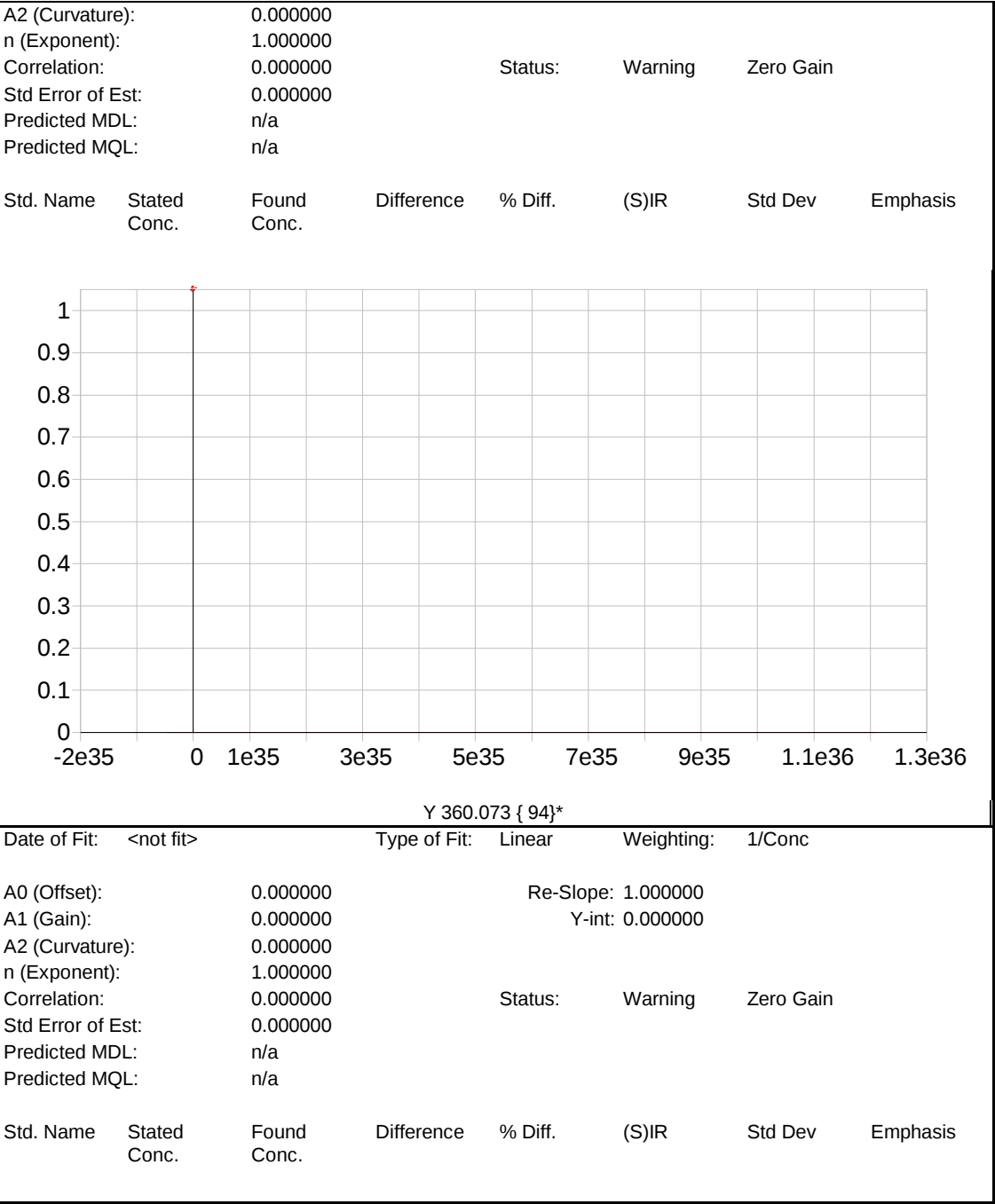


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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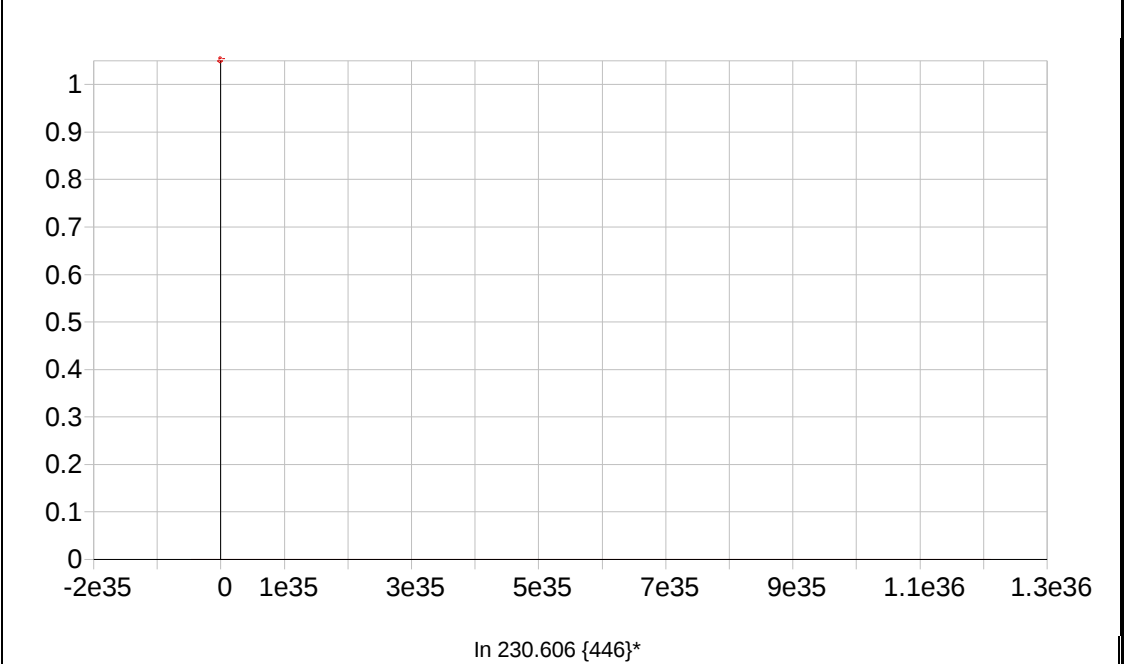
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



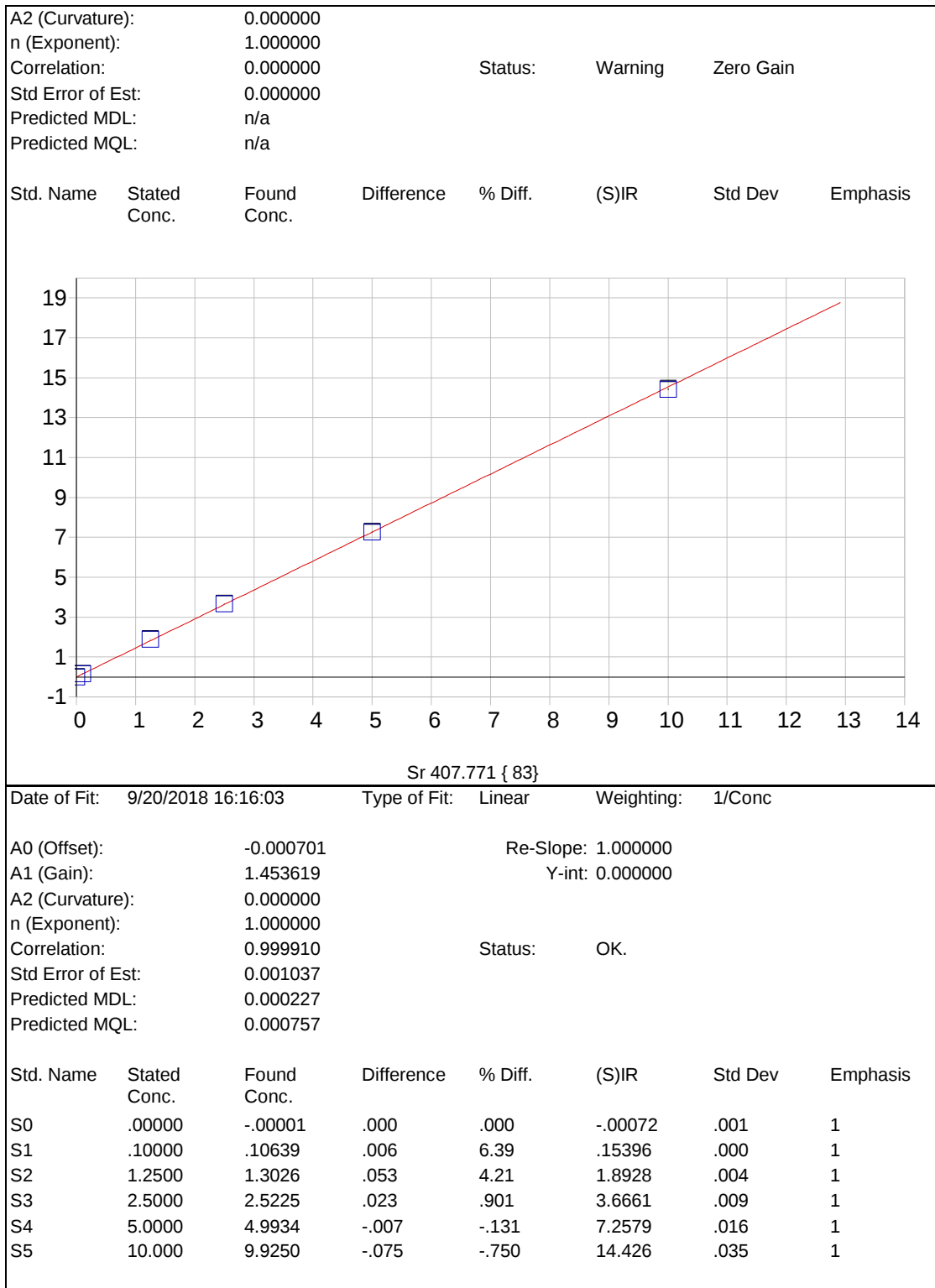


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 9/20/2018 12:01:13 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	-.00014	-.00015	-.00005	.00010	.00014	.00122	.00320	-.00110
Stddev	.00003	.00002	.00004	.00005	.00002	.00026	.00028	.00015
%RSD	19.144	14.344	77.988	45.532	11.331	21.104	8.8005	13.327

#1	-.00015	-.00014	-.00002	.00007	.00014	.00124	.00347	-.00108
#2	-.00015	-.00014	-.00009	.00009	.00015	.00147	.00321	-.00097
#3	-.00011	-.00018	-.00003	.00016	.00012	.00095	.00291	-.00126

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	.00018	.00063	.00000	.00003	.00039	.00011	-.00001	-.00011
Stddev	.00001	.00003	.00002	.00005	.00006	.00007	.00004	.00001
%RSD	7.4743	4.2907	457.70	155.59	15.439	59.115	329.95	13.739

#1	.00017	.00060	.00000	-.00002	.00041	.00005	.00001	-.00009
#2	.00018	.00065	-.00001	.00004	.00033	.00010	-.00005	-.00011
#3	.00019	.00065	.00002	.00007	.00045	.00019	.00001	-.00012

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	-.00062	-.00073	.00049	.00006	-.00019	.00399	-.00101	.00032
Stddev	.00008	.00002	.00017	.00011	.00006	.00020	.00001	.00006
%RSD	13.022	3.2158	35.534	173.52	32.792	4.9850	1.3957	17.724

#1	-.00055	-.00071	.00057	.00007	-.00012	.00415	-.00101	.00034
#2	-.00071	-.00075	.00061	.00017	-.00023	.00377	-.00103	.00026
#3	-.00061	-.00074	.00029	-.00005	-.00023	.00406	-.00100	.00037

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	.00019	.00006	.00176	.00008	.00073	.00077	-.00072	
Stddev	.00005	.00004	.00013	.00003	.00016	.00026	.00054	
%RSD	27.915	60.594	7.1930	44.877	21.522	33.520	74.726	

#1	.00016	.00010	.00189	.00010	.00058	.00073	-.00010	
#2	.00016	.00006	.00175	.00004	.00071	.00053	-.00098	
#3	.00026	.00002	.00164	.00009	.00089	.00104	-.00107	

Sample Name: S0 Acquired: 9/20/2018 12:01:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	7078.8	7973.3	162260.	16531.	11988.
Stddev	50.6	13.5	280.	44.	27.
%RSD	.71516	.16949	.17257	.26447	.22355
#1	7061.5	7965.4	162450.	16512.	11967.
#2	7135.7	7965.5	162380.	16581.	11980.
#3	7039.0	7988.9	161940.	16500.	12018.

Sample Name: S1 Acquired: 9/20/2018 12:05:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	-.00005	.00014	.00022	.00071	.00230	.00394	.13285	.00712
Stddev	.00003	.00003	.00005	.00008	.00002	.00013	.00096	.00009
%RSD	55.964	18.879	22.931	11.388	.95301	3.3247	.71963	1.2693

#1	-.00007	.00012	.00024	.00073	.00232	.00383	.13203	.00718
#2	-.00002	.00013	.00025	.00078	.00230	.00391	.13261	.00715
#3	-.00004	.00017	.00016	.00062	.00228	.00409	.13390	.00701

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	.00252	.03106	.00030	.00571	.00112	.00023	.00037	.00384
Stddev	.00005	.00010	.00002	.00003	.00017	.00003	.00009	.00009
%RSD	2.1744	.30909	6.4875	.45158	15.181	13.139	24.171	2.3060

#1	.00258	.03096	.00028	.00568	.00128	.00027	.00032	.00390
#2	.00247	.03106	.00030	.00573	.00094	.00022	.00031	.00374
#3	.00253	.03115	.00031	.00572	.00113	.00021	.00047	.00389

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	.00398	-.00040	.00717	.00042	.00017	.03033	-.00096	.00151
Stddev	.00003	.00001	.00067	.00009	.00007	.00023	.00001	.00019
%RSD	.83339	2.6748	9.2847	20.259	38.365	.74890	1.0882	12.779

#1	.00398	-.00039	.00723	.00049	.00010	.03040	-.00097	.00170
#2	.00402	-.00040	.00648	.00033	.00022	.03052	-.00096	.00131
#3	.00395	-.00041	.00781	.00045	.00020	.03008	-.00094	.00153

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	.00184	.00052	.01001	.00024	.00464	.01189	.15396	
Stddev	.00001	.00002	.00017	.00002	.00009	.00050	.00044	
%RSD	.76491	4.7049	1.7357	8.9601	1.9805	4.1865	.28466	

#1	.00183	.00053	.00982	.00027	.00456	.01221	.15369	
#2	.00186	.00049	.01013	.00023	.00474	.01132	.15372	
#3	.00183	.00054	.01009	.00023	.00462	.01215	.15446	

Sample Name: S1 Acquired: 9/20/2018 12:05:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	7156.7	8010.2	162640.	16306.	12097.
Stddev	40.9	7.7	673.	118.	8.
%RSD	.57105	.09623	.41387	.72172	.06257
#1	7123.6	8007.1	162260.	16176.	12106.
#2	7202.4	8004.5	163410.	16406.	12091.
#3	7144.2	8019.0	162230.	16335.	12095.

Sample Name: S2 Acquired: 9/20/2018 12:09:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	.00780	.01546	.17354	.01813	.04252	.51284	1.5579	.19813
Stddev	.00006	.00005	.00063	.00010	.00014	.00295	.0019	.00174
%RSD	.81276	.35070	.36105	.56562	.33870	.57589	.12071	.87601

#1	.00783	.01552	.17422	.01801	.04269	.51488	1.5593	.19950
#2	.00784	.01545	.17298	.01820	.04244	.50945	1.5586	.19618
#3	.00773	.01542	.17344	.01817	.04244	.51418	1.5557	.19871

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	.29260	.36917	.10745	.07030	.08258	.06856	.09997	.04738
Stddev	.00049	.00050	.00035	.00009	.00025	.00067	.00018	.00050
%RSD	.16663	.13643	.32551	.13220	.29787	.98312	.17993	1.0456

#1	.29315	.36866	.10730	.07037	.08285	.06871	.09976	.04759
#2	.29221	.36917	.10785	.07020	.08237	.06783	.10010	.04681
#3	.29245	.36967	.10720	.07035	.08251	.06915	.10003	.04773

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	.06919	.01019	.04914	.00606	.01529	.19370	.00478	.12076
Stddev	.00016	.00003	.00056	.00018	.00015	.00035	.00001	.00063
%RSD	.22767	.28690	1.1345	2.9672	1.0019	.18142	.25229	.52569

#1	.06929	.01020	.04956	.00625	.01512	.19391	.00477	.12065
#2	.06901	.01020	.04935	.00589	.01540	.19329	.00478	.12018
#3	.06928	.01015	.04851	.00605	.01537	.19389	.00480	.12144

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	.19583	.00580	.11003	.02443	.04864	.26666	1.8928	
Stddev	.00049	.00003	.00063	.00004	.00038	.00108	.0037	
%RSD	.25033	.54054	.57178	.14921	.77745	.40539	.19552	

#1	.19623	.00576	.11050	.02447	.04899	.26774	1.8892	
#2	.19528	.00581	.10931	.02440	.04824	.26558	1.8966	
#3	.19599	.00582	.11027	.02441	.04870	.26666	1.8927	

Sample Name: S2 Acquired: 9/20/2018 12:09:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	6989.6	7838.4	160940.	16159.	11685.
Stddev	42.8	13.5	583.	117.	17.
%RSD	.61276	.17220	.36213	.72672	.14584
#1	6940.6	7824.2	160630.	16073.	11666.
#2	7019.8	7839.9	160570.	16293.	11691.
#3	7008.3	7851.1	161610.	16112.	11699.

Sample Name: S3 Acquired: 9/20/2018 12:13:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	.01531	.03042	.34127	.03521	.08212	.99122	3.0266	.37712
Stddev	.00007	.00013	.00072	.00008	.00008	.00297	.0053	.00053
%RSD	.46848	.42486	.20951	.21727	.09347	.29938	.17667	.14160

#1	.01531	.03029	.34114	.03513	.08218	.99145	3.0272	.37737
#2	.01523	.03043	.34064	.03528	.08214	.99406	3.0316	.37749
#3	.01538	.03055	.34205	.03523	.08203	.98814	3.0210	.37651

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	.57054	.70759	.20523	.13785	.15799	.13058	.19186	.09074
Stddev	.00081	.00028	.00028	.00031	.00066	.00120	.00061	.00054
%RSD	.14137	.03920	.13580	.22203	.41657	.91908	.31818	.59612

#1	.56987	.70739	.20554	.13777	.15795	.13079	.19189	.09036
#2	.57031	.70790	.20500	.13758	.15866	.13166	.19124	.09136
#3	.57144	.70747	.20514	.13818	.15735	.12929	.19246	.09051

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	.13567	.02086	.09363	.01159	.02984	.37450	.01054	.23240
Stddev	.00024	.00014	.00119	.00007	.00017	.00052	.00003	.00045
%RSD	.17870	.66167	1.2734	.59510	.57365	.13949	.24367	.19574

#1	.13539	.02076	.09447	.01165	.02987	.37477	.01055	.23291
#2	.13577	.02102	.09416	.01160	.02966	.37483	.01056	.23204
#3	.13584	.02080	.09227	.01151	.02999	.37390	.01052	.23226

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	.37996	.01156	.20677	.04802	.09328	.52147	3.6661	
Stddev	.00041	.00004	.00068	.00005	.00068	.00223	.0094	
%RSD	.10695	.36327	.33082	.10487	.72669	.42674	.25763	

#1	.37979	.01152	.20655	.04797	.09324	.52075	3.6765	
#2	.37966	.01160	.20622	.04800	.09398	.52396	3.6638	
#3	.38042	.01157	.20754	.04807	.09262	.51969	3.6580	

Sample Name: S3 Acquired: 9/20/2018 12:13:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	7021.0	7852.4	162840.	16549.	11504.
Stddev	9.7	3.9	951.	40.	6.
%RSD	.13767	.05015	.58430	.24322	.05554
#1	7012.8	7848.4	161810.	16507.	11511.
#2	7031.6	7852.7	163680.	16553.	11500.
#3	7018.5	7856.3	163030.	16587.	11500.

Sample Name: S4 Acquired: 9/20/2018 12:17:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	.03053	.06046	.68628	.06805	.16235	1.9813	6.0794	.75620
Stddev	.00019	.00014	.00109	.00011	.00021	.0067	.0032	.00252
%RSD	.62097	.23507	.15817	.16625	.12950	.33753	.05210	.33341

#1	.03045	.06057	.68605	.06810	.16213	1.9779	6.0759	.75694
#2	.03075	.06030	.68533	.06813	.16238	1.9770	6.0803	.75827
#3	.03040	.06052	.68746	.06793	.16255	1.9890	6.0820	.75340

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	1.1279	1.3968	.40029	.27641	.31275	.25521	.37827	.18093
Stddev	.0039	.0012	.00050	.00053	.00152	.00200	.00058	.00099
%RSD	.34318	.08760	.12561	.19311	.48498	.78359	.15333	.54798

#1	1.1294	1.3955	.40007	.27651	.31171	.25427	.37894	.18048
#2	1.1235	1.3979	.39993	.27583	.31205	.25385	.37787	.18023
#3	1.1308	1.3971	.40086	.27689	.31449	.25751	.37801	.18206

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	.26324	.04247	.18701	.02275	.05922	.75576	.02261	.47046
Stddev	.00069	.00003	.00055	.00017	.00046	.00140	.00004	.00108
%RSD	.26196	.06704	.29483	.73821	.78394	.18544	.18726	.22934

#1	.26372	.04246	.18763	.02268	.05886	.75431	.02261	.47121
#2	.26245	.04246	.18684	.02263	.05905	.75586	.02265	.47094
#3	.26355	.04251	.18657	.02294	.05974	.75711	.02257	.46923

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	.74946	.02358	.41373	.09671	.18429	1.0496	7.2579	
Stddev	.00075	.00002	.00105	.00021	.00089	.0026	.0160	
%RSD	.10059	.08343	.25406	.22192	.48040	.24839	.22057	

#1	.74878	.02360	.41363	.09681	.18376	1.0470	7.2755	
#2	.74934	.02359	.41483	.09646	.18380	1.0496	7.2539	
#3	.75027	.02356	.41273	.09686	.18532	1.0522	7.2442	

Sample Name: S4 Acquired: 9/20/2018 12:17:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	6915.8	7633.3	161410.	16329.	10954.
Stddev	27.5	15.9	908.	13.	39.
%RSD	.39755	.20833	.56264	.07990	.35203
#1	6926.0	7614.9	161710.	16325.	10914.
#2	6936.7	7643.1	162130.	16343.	10991.
#3	6884.7	7641.8	160390.	16318.	10958.

Sample Name: S5 Acquired: 9/20/2018 12:21:14 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	.06052	.11746	1.3771	.12959	.32130	4.0306	12.113	1.4954
Stddev	.00008	.00026	.0030	.00031	.00069	.0366	.054	.0021
%RSD	.12965	.22050	.21658	.23863	.21404	.90741	.44969	.13730

#1	.06060	.11753	1.3778	.12941	.32090	4.0616	12.153	1.4962
#2	.06044	.11717	1.3738	.12941	.32090	4.0400	12.134	1.4931
#3	.06051	.11767	1.3796	.12995	.32209	3.9903	12.051	1.4970

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2328	2.7676	.78419	.54963	.62143	.50600	.74010	.36908
Stddev	.0035	.0020	.00229	.00059	.00439	.00944	.00210	.00661
%RSD	.15587	.07196	.29192	.10719	.70604	1.8662	.28322	1.7923

#1	2.2317	2.7699	.78224	.54937	.62513	.51415	.74053	.37472
#2	2.2301	2.7665	.78361	.54921	.62258	.50821	.73783	.37071
#3	2.2368	2.7664	.78671	.55030	.61658	.49566	.74195	.36180

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	.52170	.08684	.37470	.04526	.11833	1.5432	.04691	.94761
Stddev	.00087	.00017	.00312	.00061	.00168	.0048	.00015	.00235
%RSD	.16671	.19167	.83236	1.3437	1.4224	.31356	.31783	.24782

#1	.52119	.08703	.37645	.04574	.11940	1.5484	.04708	.95015
#2	.52121	.08677	.37654	.04546	.11920	1.5425	.04684	.94551
#3	.52271	.08672	.37110	.04458	.11639	1.5388	.04681	.94717

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	1.4784	.04807	.82514	.19447	.36581	2.1398	14.426	
Stddev	.0026	.00018	.00069	.00046	.00402	.0133	.035	
%RSD	.17380	.36593	.08327	.23840	1.0987	.62061	.24520	

#1	1.4768	.04806	.82453	.19468	.36954	2.1507	14.398	
#2	1.4771	.04790	.82500	.19394	.36635	2.1437	14.415	
#3	1.4814	.04825	.82588	.19479	.36155	2.1250	14.466	

Sample Name: S5 Acquired: 9/20/2018 12:21:14 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	6711.7	7363.4	158160.	16027.	10337.
Stddev	22.3	5.5	322.	13.	10.
%RSD	.33156	.07486	.20387	.08117	.09902
#1	6717.9	7359.4	158530.	16016.	10328.
#2	6687.0	7369.7	157930.	16023.	10348.
#3	6730.2	7361.1	158020.	16041.	10335.

Sample Name: S6 Acquired: 9/20/2018 12:25:05 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	10.940	4.6349	1.3693	.63236	1.0544
Stddev	.006	.0030	.0090	.00337	.0004
%RSD	.05459	.06486	.65462	.53245	.03705

#1	10.934	4.6354	1.3675	.63087	1.0544
#2	10.946	4.6316	1.3790	.63622	1.0539
#3	10.942	4.6375	1.3614	.63000	1.0547

Int. Std.	Y_3710
Units	Cts/S
Avg	15669.
Stddev	20.
%RSD	.12962

#1	15692.
#2	15663.
#3	15653.

Sample Name: ICV Acquired: 9/20/2018 12:33:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	1.013780	1.017807	.9542286	1.044177	.9722509	2.303735
Stddev	.013662	.003836	.0060890	.004736	.0035056	.009974
%RSD	1.347591	.3768480	.6381109	.4535457	.3605675	.4329597

#1	1.001173	1.019714	.9513163	1.044632	.9694295	2.308752
#2	1.028296	1.020315	.9501426	1.048668	.9711477	2.310206
#3	1.011872	1.013392	.9612269	1.039229	.9761754	2.292249

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5035456	.4784667	.4996715	10.07182	.5296704	.5001088
Stddev	.0017915	.0043250	.0007764	.03590	.0033587	.0004672
%RSD	.3557750	.9039219	.1553855	.3564039	.6341046	.0934240

#1	.5018097	.4741372	.4991188	10.04081	.5260978	.5004574
#2	.5053879	.4784760	.4993364	10.06350	.5301497	.5002911
#3	.5034393	.4827871	.5005591	10.11114	.5327637	.4995779

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5172959	5.196759	.5011544	5.683660	.5127995	F .1025091
Stddev	.0097194	.072329	.0023447	.143002	.0021000	.0004397
%RSD	1.878887	1.391803	.4678607	2.516017	.4095106	.4289666

#1	.5229822	5.134029	.5035073	5.520052	.5103852	.1029190
#2	.5060732	5.275875	.4988180	5.746130	.5142026	.1020447
#3	.5228321	5.180374	.5011380	5.784798	.5138106	.1025638

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.635158	.5084790	1.040211	9.430540	4.621974	4.859823
Stddev	.352410	.0188475	.024736	.055606	.008348	.026740
%RSD	3.657547	3.706644	2.377951	.5896393	.1806090	.5502360

#1	10.00112	.4906784	1.046913	9.486681	4.625842	4.834173
#2	9.60628	.5282229	1.060904	9.429453	4.612394	4.857761
#3	9.29808	.5065356	1.012814	9.375485	4.627686	4.887535

Sample Name: ICV Acquired: 9/20/2018 12:33:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	5.025644	4.943364	4.644417	4.950399	5.120144	.0098720
Stddev	.008890	.014438	.044026	.014549	.030003	.0043804
%RSD	.1768995	.2920768	.9479327	.2938889	.5859748	44.37251

#1	5.018131	4.954349	4.599891	4.935003	5.091666	.0146406
#2	5.035459	4.948733	4.645435	4.952274	5.151468	.0089484
#3	5.023343	4.927010	4.687925	4.963919	5.117297	.0060270

Elem	Sr4077
Units	ppm
Avg	.0119562
Stddev	.0001629
%RSD	1.362054

#1	.0119842
#2	.0117811
#3	.0121032

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7245.153	8140.054	165796.8	16815.15	12245.41
Stddev	48.956	8.930	1132.6	71.31	4.38
%RSD	.6757069	.1097072	.6831339	.4241047	.0357994

#1	7188.885	8133.849	164501.2	16881.61	12245.08
#2	7268.585	8136.025	166599.4	16824.04	12241.20
#3	7277.988	8150.289	166289.7	16739.81	12249.95

Sample Name: ICB Acquired: 9/20/2018 13:05:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	.0026304	-.000769	.0012015	-.000752	.0020682	-.014521	-.000343
Stddev	.0075588	.002697	.0019535	.002347	.0026789	.020543	.001360
%RSD	287.3586	350.6161	162.5910	312.0869	129.5283	141.4748	396.3995

#1	.0023142	-.001652	.0011177	-.003457	.0003677	-.033193	.001081
#2	.0103424	-.002914	-.000709	.000469	.0006807	.007485	-.001628
#3	-.004765	.002258	.003196	.000732	.0051562	-.017854	-.000482

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000856	-.000085	-.013098	-.000010	-.000115	.0096679	-.027397
Stddev	.0000734	.000198	.005224	.000672	.000446	.0099811	.008521
%RSD	85.75359	231.9480	39.88140	6690.180	388.8476	103.2401	31.10266

#1	.0000402	-.000312	-.009122	-.000778	-.000448	.0197303	-.033468
#2	.0001702	.000057	-.011157	.000469	-.000289	.0095034	-.031068
#3	.0000463	-.000002	-.019014	.000279	.000392	-.000230	-.017656

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000396	.0837923	.0004779	-.000484	-.154673	-.008864	.0107457
Stddev	.001776	.0489756	.0004018	.000270	.246620	.007887	.0209811
%RSD	448.4358	58.44875	84.06084	55.71968	159.4468	88.97662	195.2512

#1	-.002378	.0296091	.0008803	-.000175	.008840	-.007851	.0251465
#2	.000136	.1249103	.0004768	-.000670	-.034514	-.017209	-.013327
#3	.001053	.0968575	.0000767	-.000609	-.438343	-.001533	.020418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1411511	-.002938	.0002757	-.000317	.0125865	.0026991	-.000642
Stddev	.0621367	.002123	.0005814	.000277	.0006086	.0061366	.000258
%RSD	44.02143	72.25680	210.9166	87.53271	4.835783	227.3548	40.18504

#1	.1995981	-.004831	.0004352	-.000250	.0126997	.0005963	-.000700
#2	.0758869	-.003340	-.000369	-.000079	.0119292	.0096107	-.000359
#3	.1479683	-.000643	.000761	-.000622	.0131306	-.002110	-.000865

Sample Name: ICB Acquired: 9/20/2018 13:05:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	-.003336	.0020079	.0000288
Stddev	.003516	.0039983	.0000602
%RSD	105.3970	199.1231	209.0784

#1	-.006742	.0065037	.0000862
#2	.000280	.0006696	-.000034
#3	-.003544	-.001149	.000034

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7116.782	8032.675	163413.3	16369.05	12137.22
Stddev	34.378	4.196	169.7	59.81	6.29
%RSD	.4830487	.0522350	.1038569	.3653633	.0518210

#1	7151.520	8030.030	163609.2	16300.21	12132.47
#2	7082.776	8037.513	163316.6	16398.70	12134.83
#3	7116.050	8030.483	163314.0	16408.23	12144.35

Sample Name: ICSA Acquired: 9/20/2018 13:10:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	.0047411	-.001018	-.005268	-.013007	.0077908	230.0819
Stddev	.0020884	.004265	.007431	.009813	.0035719	1.1428
%RSD	44.04838	418.9280	141.0678	75.44379	45.84822	.4966984

#1	.0025477	.002113	-.008867	-.010349	.0099019	230.7470
#2	.0067056	-.005875	-.010215	-.023875	.0098038	228.7623
#3	.0049700	.000708	.003278	-.004797	.0036667	230.7363

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052670	.0008970	.0002752	240.8380	.0492427	-.001182
Stddev	.0006620	.0000718	.0002341	.2384	.0015288	.000494
%RSD	12.56877	8.009485	85.07327	.0989926	3.104587	41.80609

#1	.0052765	.0008298	.0000508	241.0912	.0475078	-.000612
#2	.0059243	.0008886	.0005180	240.8047	.0503925	-.001478
#3	.0046004	.0009727	.0002569	240.6179	.0498277	-.001457

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001588	99.78790	.0129995	241.1231	-.000155	-.000892
Stddev	.004852	.35253	.0019737	1.5991	.000562	.000720
%RSD	305.4781	.3532836	15.18306	.6631804	361.3642	80.76518

#1	-.007134	99.89986	.0132029	241.4495	-.000495	-.000507
#2	.000491	99.39298	.0109319	239.3860	.000493	-.001723
#3	.001878	100.0709	.0148636	242.5338	-.000464	-.000446

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0236294	-.000578	.0453037	-.039612	-.003843	-.000956
Stddev	.1965472	.011661	.0274691	.058875	.004703	.003050
%RSD	831.7898	2016.911	60.63312	148.6279	122.3846	318.9406

#1	-.157011	.008292	.0136695	.002361	.000134	.002240
#2	.232935	-.013787	.0591200	-.014286	-.002628	-.003836
#3	-.005036	.003761	.0631218	-.106912	-.009033	-.001273

Sample Name: ICSA Acquired: 9/20/2018 13:10:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	.0012467	.0070542	-.003161	F -.007009	-.006246	.0096882
Stddev	.0000359	.0072559	.001555	.000834	.001731	.0017043
%RSD	2.877748	102.8589	49.18479	11.90152	27.70969	17.59190

#1	.0012703	.0153516	-.002802	-.006104	-.006583	.0089273
#2	.0012054	.0039122	-.004864	-.007747	-.004371	.0084969
#3	.0012644	.0018989	-.001817	-.007175	-.007783	.0116405

Elem	Sr4077
Units	ppm
Avg	.0996487
Stddev	.0007657
%RSD	.7684078

#1	.0990201
#2	.1005015
#3	.0994244

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6997.236	7736.956	162310.1	16600.42	11259.53
Stddev	38.263	10.611	339.3	71.15	13.66
%RSD	.5468287	.1371463	.2090230	.4286129	.1213432

#1	6971.756	7724.797	161929.5	16542.11	11243.75
#2	7041.235	7741.728	162580.9	16579.44	11267.51
#3	6978.718	7744.344	162419.8	16679.70	11267.32

Sample Name: ICSAB Acquired: 9/20/2018 13:14:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	.0982146	.1101348	.0486836	.0372563	.6308850	233.1582
Stddev	.0109080	.0035600	.0015344	.0032508	.0038967	1.0376
%RSD	11.10629	3.232440	3.151730	8.725445	.6176550	.4450317

#1	.0856449	.1107113	.0500777	.0409583	.6317357	234.2196
#2	.1051965	.1133714	.0470397	.0359425	.6342861	233.1089
#3	.1038024	.1063217	.0489334	.0348680	.6266333	232.1461

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5227125	.5055477	1.019417	244.6114	.6001897	.5080007
Stddev	.0008183	.0016954	.003721	.3438	.0029504	.0013790
%RSD	.1565535	.3353583	.3650286	.1405483	.4915811	.2714507

#1	.5217903	.5057641	1.017109	244.3976	.5985014	.5077933
#2	.5229952	.5037545	1.017433	245.0080	.5984712	.5067372
#3	.5233519	.5071245	1.023710	244.4287	.6035965	.5094716

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5210758	100.7973	.5226951	245.5792	1.029437	F .0758706
Stddev	.0024742	1.1829	.0045883	2.3937	.004061	.0007195
%RSD	.4748177	1.173584	.8778198	.9747068	.3944866	.9483808

#1	.5221100	101.5492	.5266988	247.9486	1.027211	.0763382
#2	.5182523	101.4089	.5236982	245.6271	1.026976	.0762316
#3	.5228651	99.4337	.5176881	243.1620	1.034124	.0750420

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1790974	.5157107	1.064771	-.111157	.0037124	.0027891
Stddev	.1892355	.0083117	.039617	.044194	.0036754	.0023780
%RSD	105.6606	1.611691	3.720703	39.75825	99.00360	85.25900

#1	.0957214	.5214485	1.068896	-.158679	.0076374	.0037461
#2	.0458672	.5195045	1.102163	-.071292	.0031479	.0045396
#3	.3957037	.5061790	1.023252	-.103501	.0003519	.0000818

Sample Name: ICSAB Acquired: 9/20/2018 13:14:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) 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	.0041874	.0169140	.0021351	-.006065	-.007003	.0054536
Stddev	.0005867	.0009395	.0011283	.001222	.001030	.0015309
%RSD	14.01110	5.554370	52.84344	20.15048	14.71075	28.07096

#1	.0038696	.0177631	.0026661	-.007288	-.008096	.0071978
#2	.0038283	.0170741	.0008393	-.004844	-.006863	.0043325
#3	.0048645	.0159047	.0028999	-.006062	-.006050	.0048305

Elem	Sr4077
Units	ppm
Avg	.1016832
Stddev	.0003093
%RSD	.3041688

#1	.1014879
#2	.1015220
#3	.1020398

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6997.138	7787.530	162382.6	16411.00	11316.83
Stddev	59.925	4.471	1026.9	73.01	15.47
%RSD	.8564257	.0574144	.6323647	.4449063	.1367385

#1	6957.410	7783.977	162017.2	16328.55	11316.88
#2	6967.938	7792.551	161588.5	16436.97	11332.29
#3	7066.066	7786.063	163542.2	16467.48	11301.34

Sample Name: CCV030 Acquired: 9/20/2018 13:18:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.856479	4.912191	24.66404	4.758219	4.881877	397.5190	9.845675
Stddev	.017548	.009107	.02228	.018778	.007533	1.2647	.015166
%RSD	.3613297	.1853891	.0903182	.3946334	.1543078	.3181465	.1540421

#1	4.871729	4.901786	24.66120	4.739489	4.877753	398.0621	9.828226
#2	4.837299	4.916082	24.68759	4.758124	4.890572	396.0735	9.853110
#3	4.860408	4.918706	24.64331	4.777044	4.877307	398.4215	9.855689

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4951752	2.480709	400.1972	15.13831	2.506153	14.77115	403.2904
Stddev	.0005258	.003164	.5720	.01619	.004077	.01775	2.0987
%RSD	.1061918	.1275615	.1429206	.1069796	.1626664	.1201867	.5204040

#1	.4957023	2.477663	399.6354	15.15677	2.501847	14.77784	405.0379
#2	.4946506	2.480483	400.7788	15.13170	2.506658	14.78458	400.9626
#3	.4951727	2.483980	400.1774	15.12647	2.509954	14.75102	403.8707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.77878	394.2738	2.483573	1.259646	395.2966	2.466982	14.69926
Stddev	.05153	2.4646	.004533	.004588	1.9876	.034069	.08463
%RSD	.3486762	.6251102	.1825076	.3642264	.5028011	1.381009	.5757323

#1	14.78003	395.9336	2.488386	1.263584	395.4467	2.505972	14.78678
#2	14.82968	391.4418	2.479385	1.260745	393.2382	2.452021	14.61786
#3	14.72664	395.4459	2.482947	1.254608	397.2048	2.442954	14.69314

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.4904	5.110911	4.954253	4.904536	5.043423	4.965851	4.995558
Stddev	.1677	.017423	.018845	.004147	.021583	.002391	.003238
%RSD	.1114140	.3409055	.3803880	.0845531	.4279416	.0481476	.0648273

#1	150.3610	5.090793	4.940974	4.899838	5.018561	4.964128	4.993391
#2	150.4305	5.120818	4.975822	4.906086	5.057352	4.964845	4.994003
#3	150.6798	5.121122	4.945962	4.907686	5.054355	4.968581	4.999281

Sample Name: CCV030 Acquired: 9/20/2018 13:18:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV028 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.883466	5.014424	4.956765
Stddev	.024495	.008374	.009997
%RSD	.5015859	.1670050	.2016816

#1	4.891011	5.011873	4.961414
#2	4.856087	5.007622	4.963590
#3	4.903302	5.023777	4.945290

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6771.857	7448.890	158836.2	16082.17	10398.10
Stddev	17.057	13.708	321.0	44.39	10.71
%RSD	.2518874	.1840253	.2020791	.2760127	.1030313

#1	6770.414	7436.587	159167.3	16100.26	10389.68
#2	6789.590	7463.666	158814.8	16114.65	10410.16
#3	6755.567	7446.417	158526.4	16031.59	10394.46

Sample Name: CCB030 Acquired: 9/20/2018 13:27:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB028 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053628	.0016449	-.001199	.0017792	-.000533	-.001437	-.000319
Stddev	.0044675	.0010825	.002224	.0026110	.000486	.007055	.000744
%RSD	83.30548	65.80607	185.4809	146.7509	91.18062	490.8775	232.9069

#1	.0044780	.0011725	-.001151	.0002302	-.000511	.006425	-.000909
#2	.0014039	.0028833	-.003446	.0003137	-.000058	-.007215	.000516
#3	.0102065	.0008789	.001001	.0047937	-.001029	-.003521	-.000565

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000590	-.000056	-.009825	-.000538	-.000325	.0016057	-.067695
Stddev	.0000969	.000120	.010062	.000279	.000037	.0038371	.041330
%RSD	164.0848	216.1336	102.4033	51.92960	11.33630	238.9725	61.05339

#1	.0000349	-.000164	-.012330	-.000286	-.000301	-.002400	-.092060
#2	-.000023	.000073	.001252	-.000839	-.000306	.005248	-.091051
#3	.000166	-.000076	-.018398	-.000489	-.000367	.001969	-.019975

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005538	.0569983	.0007921	-.001763	.0410560	-.002229	.0055233
Stddev	.0037970	.0697674	.0006391	.000267	.3210271	.005806	.0050447
%RSD	685.6081	122.4026	80.68388	15.16419	781.9239	260.4058	91.33614

#1	-.001478	-.023074	.0013347	-.001490	.2574051	-.008609	.0023382
#2	.004934	.104703	.0000876	-.002024	-.327797	-.000823	.0028920
#3	-.001795	.089365	.0009540	-.001774	.193560	.002744	.0113397

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1627926	-.010793	.0043687	-.000163	.0045092	-.001174	-.000357
Stddev	.0424876	.006369	.0015815	.000227	.0086115	.001815	.000205
%RSD	26.09921	59.00970	36.20012	139.2116	190.9771	154.6627	57.56443

#1	.1495413	-.017849	.0039662	-.000313	.0138906	-.003267	-.000492
#2	.1285099	-.005471	.0030273	-.000274	.0026734	-.000041	-.000120
#3	.2103266	-.009057	.0061125	.000098	-.003036	-.000213	-.000458

Sample Name: CCB030 Acquired: 9/20/2018 13:27:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB028 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000364	.0045177	.0000599
Stddev	.002420	.0008729	.0000760
%RSD	664.3928	19.32178	126.8494

#1	-.002282	.0054883	-.000016
#2	-.001166	.0037970	.000060
#3	.002355	.0042679	.000136

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7204.513	8118.660	165016.5	16653.01	12222.52
Stddev	10.831	.791	233.1	108.28	12.06
%RSD	.1503343	.0097372	.1412880	.6502348	.0986419

#1	7196.988	8119.035	164774.9	16755.27	12235.53
#2	7216.927	8117.752	165240.2	16664.20	12220.30
#3	7199.625	8119.193	165034.3	16539.57	12211.73

Sample Name: PBW Acquired: 9/20/2018 13:31:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064421	.0033221	-.000092	.0003169	-.000389	.0055312	-.000569
Stddev	.0065432	.0022858	.002875	.0008003	.001906	.0073693	.000392
%RSD	101.5693	68.80776	3123.028	252.5175	490.2954	133.2319	68.99004

#1	.0002252	.0026806	.002124	-.000417	-.001052	-.001525	-.000381
#2	.0058322	.0058601	.000941	.000198	.001760	.013178	-.000306
#3	.0132688	.0014255	-.003341	.001170	-.001875	.004940	-.001020

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001682	.0000151	.0097953	.0001759	-.000013	-.000507	-.068733
Stddev	.0000431	.0000553	.0131060	.0010328	.000359	.005948	.017231
%RSD	25.63257	367.2110	133.7986	587.2681	2668.379	1173.946	25.07011

#1	.0001972	-.000008	.0188086	-.000804	.000353	-.007372	-.069961
#2	.0001888	-.000025	.0158168	.000076	-.000364	.003089	-.085317
#3	.0001187	.000078	-.005239	.001255	-.000029	.002763	-.050920

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011706	.0696654	.0004609	-.000520	-.488065	-.005695	.0085451
Stddev	.0014837	.0500300	.0000210	.000657	.182784	.002759	.0302827
%RSD	126.7497	71.81471	4.549340	126.2683	37.45072	48.44066	354.3883

#1	.0000960	.0119141	.0004669	.000137	-.380246	-.008147	.0295084
#2	.0005523	.0972788	.0004782	-.000521	-.384841	-.006231	-.026174
#3	.0028634	.0998032	.0004376	-.001176	-.699109	-.002708	.022301

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0496493	-.003933	.0016067	-.000089	.0068332	-.000452	-.002669
Stddev	.1136003	.004706	.0024005	.000064	.0089136	.001055	.001747
%RSD	228.8056	119.6555	149.4022	71.43704	130.4454	233.1156	65.45541

#1	-.081499	-.009111	-.001059	-.000134	-.003412	.000333	-.002365
#2	.117501	.000082	.003597	-.000016	.012812	-.001651	-.004548
#3	.112946	-.002769	.002282	-.000117	.011099	-.000039	-.001094

Sample Name: PBW Acquired: 9/20/2018 13:31:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001174	-.001345	-.000077
Stddev	.002958	.002054	.000161
%RSD	251.9318	152.6949	208.7542

#1	.000654	-.002120	.000002
#2	.000411	.000983	-.000262
#3	-.004588	-.002899	.000029

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7201.957	8079.347	164775.4	16690.43	12194.25
Stddev	11.571	22.998	726.8	124.72	41.57
%RSD	.1606650	.2846570	.4410601	.7472415	.3408593

#1	7214.916	8055.980	165571.0	16611.99	12149.72
#2	7198.295	8101.958	164146.3	16834.24	12232.02
#3	7192.661	8080.102	164608.9	16625.05	12201.00

Sample Name: LCSW Acquired: 9/20/2018 13:35:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223994	.0475621	.0176264	.0703745	.1202655	.3614021
Stddev	.0062381	.0028600	.0027460	.0048951	.0011310	.0309018
%RSD	27.84932	6.013260	15.57919	6.955777	.9403853	8.550535

#1	.0157540	.0505947	.0174289	.0706248	.1190658	.3965688
#2	.0233152	.0449134	.0149844	.0653590	.1213122	.3385842
#3	.0281289	.0471783	.0204658	.0751396	.1204183	.3490534

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3896661	.0097350	.0097762	9.791086	.0215675	.0936767
Stddev	.0010971	.0000626	.0001572	.066157	.0003841	.0003039
%RSD	.2815453	.6430745	1.608159	.6756859	1.780792	.3244059

#1	.3891288	.0097408	.0099215	9.759511	.0212844	.0935666
#2	.3889413	.0096697	.0096093	9.746633	.0214135	.0940203
#3	.3909283	.0097945	.0097978	9.867115	.0220047	.0934432

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0489496	.1615141	.0323497	9.245952	.0787535	.0186463
Stddev	.0087989	.0426911	.0044420	.177056	.0002341	.0000919
%RSD	17.97542	26.43181	13.73128	1.914961	.2972879	.4930533

#1	.0437105	.1727530	.0307361	9.043547	.0787771	.0185406
#2	.0591080	.1143279	.0289400	9.322189	.0789750	.0186907
#3	.0440303	.1974615	.0373730	9.372119	.0785085	.0187076

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.461294	.0928372	.1348128	9.429557	F .0111326	F .0197841
Stddev	.345362	.0055518	.0149795	.081238	.0027987	.0015754
%RSD	3.650263	5.980092	11.11133	.8615269	25.13986	7.962722

#1	9.159463	.0974368	.1501923	9.422145	.0132231	.0216015
#2	9.837927	.0866702	.1202683	9.352279	.0079530	.0188081
#3	9.386492	.0944045	.1339779	9.514247	.0122216	.0189426

Sample Name: LCSW Acquired: 9/20/2018 13:35:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197479	.1800320	.1867823	F .0122112	.1948968	.0937347
Stddev	.0001830	.0129525	.0018713	.0020269	.0023019	.0037299
%RSD	.9266020	7.194541	1.001853	16.59823	1.181071	3.979183

#1	.0199550	.1884902	.1864158	.0118950	.1949586	.0903321
#2	.0196081	.1651206	.1851214	.0103611	.1971671	.0977226
#3	.0196806	.1864850	.1888098	.0143776	.1925646	.0931494

Elem	Sr4077
Units	ppm
Avg	.1942458
Stddev	.0004999
%RSD	.2573774

#1	.1945624
#2	.1945056
#3	.1936695

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7185.857	8092.130	164611.3	16458.46	12235.92
Stddev	53.657	20.232	783.5	64.85	17.13
%RSD	.7467022	.2500149	.4759617	.3940486	.1399864

#1	7123.901	8071.306	163792.0	16476.66	12216.59
#2	7216.469	8111.711	164688.5	16512.27	12249.22
#3	7217.201	8093.371	165353.2	16386.45	12241.95

Sample Name: MDL WATER #1 Acquired: 9/20/2018 13:39:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014412	.0068130	.0023832	.0125087	.0162535	.0519300	.0516132
Stddev	.0062446	.0037342	.0011004	.0012404	.0017625	.0277014	.0002104
%RSD	433.2922	54.80994	46.17367	9.916012	10.84407	53.34374	.4077068

#1	.0037702	.0025047	.0011879	.0116140	.0169472	.0336410	.0517968
#2	.0061865	.0088144	.0026076	.0119875	.0142497	.0383478	.0513835
#3	-.005633	.0091199	.0033540	.0139246	.0175637	.0838011	.0516591

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012705	.0012869	1.265589	.0026395	.0123578	.0055044	-.029611
Stddev	.0000223	.0001344	.024835	.0002399	.0003171	.0051738	.012243
%RSD	1.758084	10.44207	1.962314	9.087190	2.566189	93.99307	41.34781

#1	.0012676	.0011656	1.286484	.0026227	.0120130	.0058029	-.042355
#2	.0012497	.0014313	1.272151	.0024084	.0124233	.0001879	-.017939
#3	.0012941	.0012636	1.238132	.0028873	.0126370	.0105226	-.028538

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043100	1.250198	.0110287	.0010490	1.290224	.0077058	.0381685
Stddev	.0025127	.132574	.0001353	.0006976	.385317	.0052347	.0364539
%RSD	58.29811	10.60428	1.226863	66.50241	29.86438	67.93258	95.50781

#1	.0014684	1.379665	.0109178	.0018443	.853052	.0100180	.0071628
#2	.0062380	1.114721	.0111795	.0007623	1.580432	.0017131	.0290163
#3	.0052238	1.256208	.0109890	.0005404	1.437188	.0113863	.0783265

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.304366	-.005817	.0012895	.0024796	.0251012	.0286763	-.000914
Stddev	.019487	.001812	.0004538	.0000911	.0054611	.0016530	.000912
%RSD	1.494019	31.14944	35.19243	3.674282	21.75644	5.764305	99.77223

#1	1.285874	-.003758	.0017753	.0025841	.0288022	.0269349	-.000463
#2	1.302508	-.006528	.0012166	.0024382	.0188291	.0302238	-.001963
#3	1.324716	-.007166	.0008765	.0024167	.0276723	.0288702	-.000315

Sample Name: MDL WATER #1 Acquired: 9/20/2018 13:39:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0231541	.0121168	.0255277
Stddev	.0028344	.0028592	.0000087
%RSD	12.24152	23.59655	.0339460

#1	.0264230	.0120768	.0255211
#2	.0213782	.0149958	.0255375
#3	.0216613	.0092779	.0255244

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7181.546	8095.696	164159.9	16512.53	12182.98
Stddev	32.244	9.212	686.2	68.65	19.45
%RSD	.4489812	.1137886	.4180157	.4157200	.1596500

#1	7176.940	8087.300	164814.0	16533.82	12162.17
#2	7151.854	8105.550	163445.5	16435.76	12200.70
#3	7215.846	8094.238	164220.3	16568.01	12186.08

Sample Name: MDL WATER #2 Acquired: 9/20/2018 13:46:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070275	.0078406	.0030004	.0137250	.0210033	.0620917	.0659025
Stddev	.0023236	.0010055	.0041191	.0039205	.0007128	.0238091	.0015754
%RSD	33.06365	12.82405	137.2830	28.56485	3.393767	38.34503	2.390540

#1	.0090295	.0089867	.0073706	.0171197	.0201802	.0742245	.0641288
#2	.0075734	.0071068	.0024410	.0094339	.0214180	.0346602	.0664391
#3	.0044796	.0074283	-.000810	.0146214	.0214116	.0773904	.0671395

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017270	.0014905	1.645072	.0031000	.0157091	.0046406	.0195524
Stddev	.0000712	.0000489	.035831	.0008050	.0003795	.0046647	.0308140
%RSD	4.123056	3.279335	2.178097	25.96953	2.415553	100.5193	157.5964

#1	.0017065	.0015238	1.605930	.0028161	.0153522	.0049451	.0444974
#2	.0018063	.0014344	1.676253	.0024753	.0161077	-.000169	.0290530
#3	.0016684	.0015133	1.653033	.0040085	.0156674	.009146	-.014893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069431	1.480651	.0138741	.0017191	1.861135	.0129619	.0430166
Stddev	.0020444	.190077	.0011141	.0004248	.321229	.0084613	.0139819
%RSD	29.44466	12.83738	8.029792	24.71275	17.25983	65.27785	32.50338

#1	.0053319	1.340514	.0143155	.0014701	2.229542	.0040537	.0497497
#2	.0092428	1.404432	.0146999	.0014776	1.714290	.0208911	.0269422
#3	.0062545	1.697009	.0126070	.0022096	1.639575	.0139410	.0523580

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.629890	-.006351	.0017352	.0031129	.0309521	.0350309	-.000248
Stddev	.042069	.001508	.0015830	.0001851	.0084933	.0007599	.000673
%RSD	2.581095	23.74324	91.22527	5.947577	27.44007	2.169190	272.0047

#1	1.678375	-.006908	.0017140	.0032386	.0407584	.0342094	-.000493
#2	1.608243	-.007501	.0001630	.0029003	.0259388	.0351750	.000514
#3	1.603053	-.004644	.0033287	.0031998	.0261590	.0357085	-.000763

Sample Name: MDL WATER #2 Acquired: 9/20/2018 13:46:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0290207	.0143780	.0324797
Stddev	.0056393	.0021583	.0002399
%RSD	19.43184	15.01124	.7386097

#1	.0245558	.0167850	.0323403
#2	.0271482	.0126149	.0323420
#3	.0353580	.0137340	.0327567

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7196.647	8108.132	165002.9	16679.53	12194.79
Stddev	19.508	24.986	400.6	86.33	33.14
%RSD	.2710760	.3081573	.2427780	.5175667	.2717597

#1	7189.936	8096.042	164552.5	16580.29	12194.95
#2	7181.380	8136.863	165137.0	16721.04	12227.85
#3	7218.625	8091.491	165319.3	16737.26	12161.57

Sample Name: MDL WATER #3 Acquired: 9/20/2018 13:50:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042286	.0054245	.0026523	.0149370	.0224211	.0704515	.0647209
Stddev	.0019435	.0017523	.0026570	.0060305	.0018632	.0075377	.0011542
%RSD	45.96057	32.30399	100.1758	40.37300	8.310078	10.69917	1.783349

#1	.0034472	.0053041	-.000339	.0215607	.0237507	.0617607	.0636049
#2	.0027974	.0037355	.003557	.0134859	.0232211	.0752091	.0659098
#3	.0064411	.0072340	.004739	.0097644	.0202915	.0743847	.0646479

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017053	.0015215	1.615307	.0030652	.0158750	.0106058	.0136931
Stddev	.0001585	.0000777	.009669	.0005489	.0006053	.0082484	.0166709
%RSD	9.295062	5.108747	.5985647	17.90593	3.812776	77.77340	121.7470

#1	.0017908	.0014318	1.625939	.0024405	.0165714	.0197611	.0058819
#2	.0015224	.0015679	1.607040	.0032851	.0154753	.0083022	.0328353
#3	.0018027	.0015648	1.612942	.0034700	.0155784	.0037539	.0023619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067934	1.564559	.0133617	.0023831	1.424678	.0151089	.0545314
Stddev	.0028354	.054450	.0001968	.0003245	.197574	.0028952	.0308609
%RSD	41.73756	3.480219	1.472614	13.61687	13.86797	19.16199	56.59291

#1	.0060874	1.562332	.0131345	.0025010	1.483538	.0165324	.0251859
#2	.0043777	1.620089	.0134757	.0020161	1.586133	.0117775	.0867121
#3	.0099151	1.511257	.0134748	.0026321	1.204363	.0170167	.0516962

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.616634	-.008814	.0003422	.0033143	.0301148	.0373102	.0011709
Stddev	.061526	.005934	.0014818	.0005476	.0052702	.0022861	.0010642
%RSD	3.805813	67.32048	432.9762	16.52133	17.50024	6.127300	90.88655

#1	1.550817	-.002090	.0020090	.0038441	.0242463	.0350159	.0014833
#2	1.626377	-.013317	-.000826	.0027505	.0316543	.0395880	.0020438
#3	1.672707	-.011035	-.000156	.0033484	.0344438	.0373267	-.000015

Sample Name: MDL WATER #3 Acquired: 9/20/2018 13:50:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0280241	.0133642	.0325275
Stddev	.0047629	.0030698	.0003858
%RSD	16.99582	22.97064	1.186205

#1	.0332890	.0098196	.0329703
#2	.0240147	.0151032	.0323490
#3	.0267686	.0151697	.0322632

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7241.456	8105.840	165281.5	16749.86	12191.77
Stddev	55.230	20.032	590.6	57.64	19.68
%RSD	.7626931	.2471333	.3573234	.3441240	.1614211

#1	7286.528	8090.567	165957.3	16789.34	12176.23
#2	7257.994	8098.431	165022.9	16683.71	12185.17
#3	7179.846	8128.521	164864.4	16776.53	12213.90

Sample Name: MDL WATER #4 Acquired: 9/20/2018 13:54:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136485	.0069328	.0016614	.0173316	.0224545	.0674238	.0653771
Stddev	.0039857	.0019299	.0023186	.0026442	.0015963	.0044967	.0015625
%RSD	29.20228	27.83737	139.5543	15.25642	7.108851	6.669343	2.390044

#1	.0130733	.0055577	.0043045	.0144963	.0237753	.0625009	.0664512
#2	.0099816	.0091390	.0007093	.0197303	.0206807	.0713151	.0635846
#3	.0178904	.0061016	-.000029	.0177682	.0229076	.0684555	.0660956

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016484	.0016664	1.629372	.0039260	.0152806	.0126883	-.016411
Stddev	.0000141	.0001292	.018260	.0000780	.0005719	.0075495	.034677
%RSD	.8543211	7.753930	1.120661	1.985790	3.742628	59.50009	211.3081

#1	.0016590	.0015382	1.612674	.0040023	.0155311	.0064856	-.053522
#2	.0016324	.0017966	1.648870	.0039293	.0156845	.0104848	.015167
#3	.0016538	.0016642	1.626573	.0038464	.0146262	.0210944	-.010877

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048718	1.572800	.0136699	.0019265	1.292638	.0106180	.0414110
Stddev	.0015879	.073558	.0003600	.0002195	.142574	.0156559	.0125681
%RSD	32.59351	4.676897	2.633388	11.39228	11.02967	147.4470	30.34972

#1	.0033832	1.570611	.0137565	.0018861	1.246865	.0260540	.0519907
#2	.0065432	1.500361	.0139787	.0021633	1.178572	.0110489	.0447239
#3	.0046891	1.647429	.0132745	.0017300	1.452476	-.005249	.0275183

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.614991	-.009154	.0008944	.0031413	.0323880	.0348584	.0008609
Stddev	.029389	.004955	.0015693	.0002969	.0054360	.0020256	.0010423
%RSD	1.819734	54.12519	175.4579	9.452497	16.78412	5.810797	121.0820

#1	1.634134	-.007388	-.000110	.0028127	.0281693	.0356126	-.000278
#2	1.581153	-.005325	.000090	.0033904	.0385226	.0363986	.001767
#3	1.629685	-.014750	.002703	.0032207	.0304721	.0325639	.001095

Sample Name: MDL WATER #4 Acquired: 9/20/2018 13:54:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0310433	.0105045	.0324699
Stddev	.0019999	.0046777	.0002633
%RSD	6.442231	44.53087	.8108249

#1	.0314437	.0091657	.0326828
#2	.0288735	.0157057	.0325513
#3	.0328127	.0066421	.0321755

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7219.903	8102.566	164646.9	16588.06	12201.59
Stddev	19.768	12.860	470.9	106.31	14.24
%RSD	.2737968	.1587108	.2859915	.6408958	.1167326

#1	7216.770	8113.873	164308.8	16468.03	12213.15
#2	7201.889	8105.248	164447.2	16625.80	12205.94
#3	7241.050	8088.577	165184.7	16670.36	12185.68

Sample Name: MDL WATER #5 Acquired: 9/20/2018 13:58:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096236	.0083924	.0014322	.0138769	.0206355	.0593846	.0652215
Stddev	.0042939	.0009347	.0025781	.0028193	.0019334	.0262024	.0012846
%RSD	44.61812	11.13713	180.0001	20.31662	9.369192	44.12322	1.969553

#1	.0114451	.0075075	-.001422	.0121975	.0185300	.0758126	.0666891
#2	.0047193	.0082999	.003592	.0123014	.0223309	.0731742	.0643011
#3	.0127066	.0093700	.002127	.0171319	.0210457	.0291671	.0646744

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017121	.0016859	1.676152	.0032263	.0156789	.0114224	.0130565
Stddev	.0001012	.0000849	.022910	.0010722	.0008322	.0025727	.0486838
%RSD	5.909514	5.035420	1.366805	33.23287	5.307774	22.52337	372.8716

#1	.0018289	.0017426	1.663626	.0040565	.0147734	.0139256	.0222433
#2	.0016505	.0017268	1.702593	.0036066	.0164102	.0087854	.0564923
#3	.0016570	.0015883	1.662236	.0020158	.0158531	.0115562	-.039566

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049977	1.650881	.0137463	.0019710	1.492873	.0144309	.0261282
Stddev	.0025780	.088932	.0005482	.0005230	.356020	.0046560	.0117965
%RSD	51.58365	5.386935	3.988139	26.53276	23.84797	32.26429	45.14881

#1	.0023829	1.716289	.0131259	.0025450	1.086030	.0188335	.0129253
#2	.0075372	1.686735	.0141655	.0015214	1.747378	.0149020	.0356317
#3	.0050730	1.549619	.0139475	.0018468	1.645210	.0095572	.0298274

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.637705	-.004752	.0005255	.0034484	.0279625	.0368187	.0013548
Stddev	.140715	.005078	.0016735	.0001520	.0070266	.0004382	.0013284
%RSD	8.592194	106.8666	318.4263	4.408099	25.12877	1.190066	98.05472

#1	1.733908	-.000986	.0020640	.0034935	.0241451	.0369375	-.000174
#2	1.703004	-.010528	-.001256	.0035728	.0236709	.0371852	.002013
#3	1.476205	-.002742	.000769	.0032790	.0360716	.0363333	.002225

Sample Name: MDL WATER #5 Acquired: 9/20/2018 13:58:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0334020	.0134974	.0326226
Stddev	.0058065	.0018285	.0001556
%RSD	17.38376	13.54694	.4769462

#1	.0305415	.0155168	.0324622
#2	.0400839	.0130213	.0327730
#3	.0295808	.0119541	.0326326

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7194.591	7983.784	164100.3	16388.88	12010.18
Stddev	45.296	96.223	154.8	130.87	147.42
%RSD	.6295862	1.205235	.0943471	.7985250	1.227449

#1	7246.358	8094.832	163924.0	16238.63	12180.27
#2	7175.180	7925.092	164214.2	16450.09	11919.28
#3	7162.236	7931.426	164162.6	16477.93	11931.00

Sample Name: MDL WATER #7 Acquired: 9/20/2018 14:07:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075987	.0064732	.0018643	.0134477	.0225003	.0735344	.0648407
Stddev	.0091538	.0037811	.0004748	.0024439	.0010044	.0152211	.0002582
%RSD	120.4655	58.41144	25.46625	18.17326	4.463862	20.69932	.3981271

#1	.0003631	.0038458	.0013286	.0108219	.0231844	.0709671	.0647433
#2	.0178894	.0108067	.0020314	.0138653	.0229694	.0898759	.0651334
#3	.0045436	.0047671	.0022329	.0156558	.0213472	.0597601	.0646454

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016845	.0015722	1.647513	.0029192	.0153683	.0159429	-.026165
Stddev	.0001206	.0000571	.024609	.0006576	.0005099	.0072952	.018737
%RSD	7.156950	3.631406	1.493679	22.52695	3.317646	45.75854	71.61323

#1	.0016608	.0015707	1.672536	.0028859	.0149041	.0195331	-.031985
#2	.0018152	.0016301	1.646662	.0022789	.0159140	.0207472	-.005208
#3	.0015776	.0015159	1.623341	.0035928	.0152867	.0075483	-.041301

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063265	1.473985	.0137560	.0019410	1.490315	.0167053	.0343517
Stddev	.0048680	.175263	.0004914	.0007038	.231676	.0153290	.0292811
%RSD	76.94648	11.89043	3.572184	36.26025	15.54543	91.76110	85.23917

#1	.0023914	1.553456	.0135964	.0018286	1.223634	.0035814	.0016167
#2	.0048179	1.273065	.0133642	.0026942	1.605369	.0335531	.0580470
#3	.0117702	1.595433	.0143073	.0013001	1.641944	.0129813	.0433915

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.612474	-.006489	.0025985	.0030743	.0301268	.0361829	.0004840
Stddev	.074867	.005572	.0002055	.0007328	.0050838	.0009804	.0010930
%RSD	4.642969	85.87107	7.909627	23.83646	16.87469	2.709618	225.8384

#1	1.663970	-.010166	.0027840	.0022282	.0316458	.0373068	.0017002
#2	1.526591	-.000078	.0026340	.0035041	.0244566	.0357388	-.000416
#3	1.646859	-.009222	.0023776	.0034906	.0342779	.0355031	.000168

Sample Name: MDL WATER #7 Acquired: 9/20/2018 14:07:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0308646	.0152733	.0325853
Stddev	.0044058	.0028681	.0000257
%RSD	14.27451	18.77838	.0788086

#1	.0281455	.0173957	.0326121
#2	.0359478	.0120104	.0325829
#3	.0285004	.0164138	.0325609

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7204.655	8154.445	164680.6	16629.42	12272.92
Stddev	35.712	22.241	357.2	114.51	21.89
%RSD	.4956732	.2727448	.2169184	.6886011	.1783730

#1	7190.275	8134.345	164461.0	16547.04	12250.49
#2	7245.315	8178.338	165092.8	16760.18	12294.23
#3	7178.376	8150.651	164488.0	16581.04	12274.03

Sample Name: PBS Acquired: 9/20/2018 14:11:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061171	.0021260	.0004753	-.001140	-.000131	.0111312	-.000105
Stddev	.0024271	.0025314	.0021616	.001797	.003686	.0104891	.000539
%RSD	39.67753	119.0655	454.8057	157.5842	2812.717	94.23133	511.2218

#1	.0036898	.0027996	-.000671	-.002427	.001541	.0032621	-.000469
#2	.0061175	-.000674	-.000872	.000913	.002422	.0230395	.000514
#3	.0085441	.004253	.002969	-.001906	-.004356	.0070922	-.000361

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001028	-.000041	.0056752	-.000027	-.000395	.0070361	-.037726
Stddev	.0000805	.000167	.0126743	.000367	.000606	.0041626	.052472
%RSD	78.26266	407.5033	223.3294	1377.925	153.2508	59.16052	139.0882

#1	.0001377	.000101	.0090811	.000196	.000048	.0089678	-.000877
#2	.0001600	.000002	.0162985	.000174	-.001085	.0098819	-.014497
#3	.0000108	-.000225	-.008354	-.000450	-.000148	.0022586	-.097803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001020	.0409825	.0003531	-.000739	.2649643	-.010285	.0293205
Stddev	.001247	.1579881	.0004609	.000313	.3711819	.009821	.0266257
%RSD	122.3599	385.5015	130.5215	42.30820	140.0875	95.48097	90.80897

#1	-.002351	.2134650	.0007581	-.000440	-.100685	-.001609	.0136858
#2	.000121	-.096713	.0004496	-.001064	.254136	-.020947	.0142121
#3	-.000829	.006196	-.000148	-.000713	.641442	-.008300	.0600637

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0340100	-.011103	-.003168	-.000261	.0015537	.0001651	-.000580
Stddev	.0914688	.004539	.001771	.000385	.0034641	.0015509	.000772
%RSD	268.9468	40.88190	55.89684	147.3405	222.9650	939.5797	133.0765

#1	.0619010	-.011045	-.004864	-.000593	-.001108	-.000379	-.001031
#2	.1082864	-.015670	-.003311	.000161	.005470	-.001040	-.001020
#3	-.068157	-.006592	-.001330	-.000351	.000298	.001915	.000311

Sample Name: PBS Acquired: 9/20/2018 14:11:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBS Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001215	-.002906	.0000441
Stddev	.004925	.005312	.0000279
%RSD	405.2335	182.8123	63.18327

#1	-.006169	-.008651	.0000318
#2	.003681	-.001893	.0000245
#3	-.001158	.001827	.0000760

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7265.119	8119.783	165353.9	16635.38	12223.02
Stddev	36.722	12.908	313.5	40.14	6.80
%RSD	.5054574	.1589639	.1895873	.2412818	.0555950

#1	7234.166	8106.471	165300.2	16667.98	12219.43
#2	7255.496	8120.635	165070.7	16590.55	12218.77
#3	7305.694	8132.244	165690.8	16647.60	12230.86

Sample Name: LCSS Acquired: 9/20/2018 14:15:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0276131	.0439171	.0200750	.0736849	.1204930	.3721061
Stddev	.0068851	.0009116	.0029705	.0018521	.0012304	.0076628
%RSD	24.93432	2.075733	14.79704	2.513495	1.021136	2.059295

#1	.0299449	.0428654	.0180950	.0720664	.1193286	.3807021
#2	.0198649	.0444044	.0234906	.0732836	.1217802	.3696245
#3	.0330295	.0444814	.0186394	.0757047	.1203703	.3659917

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3893525	.0097276	.0096445	9.771676	.0210694	.0938887
Stddev	.0009003	.0001099	.0000460	.012021	.0006647	.0006030
%RSD	.2312296	1.129777	.4770934	.1230143	3.154654	.6422170

#1	.3885816	.0096706	.0096491	9.759096	.0210824	.0943804
#2	.3903419	.0096579	.0095964	9.783045	.0203983	.0932160
#3	.3891340	.0098543	.0096881	9.772887	.0217274	.0940698

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527181	.1680310	.0332510	9.370097	.0791835	.0188761
Stddev	.0034458	.0104777	.0025429	.133582	.0008377	.0002752
%RSD	6.536371	6.235597	7.647556	1.425619	1.057921	1.457885

#1	.0524077	.1686502	.0350702	9.468017	.0792705	.0185627
#2	.0563086	.1572574	.0343376	9.424350	.0783058	.0190781
#3	.0494379	.1781854	.0303454	9.217924	.0799744	.0189876

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.239165	.0866753	.1443432	9.181062	F .0078768	F .0165957
Stddev	.194941	.0068393	.0434331	.018345	.0010395	.0015362
%RSD	2.109941	7.890694	30.09013	.1998114	13.19732	9.256622

#1	9.436869	.0802079	.1460004	9.202174	.0088755	.0152169
#2	9.047110	.0938339	.1869240	9.171996	.0079542	.0163186
#3	9.233517	.0859840	.1001053	9.169015	.0068008	.0182516

Sample Name: LCSS Acquired: 9/20/2018 14:15:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCSS Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200123	.1796440	.1845328	F .0125964	.1904414	.0927579
Stddev	.0005492	.0037596	.0011019	.0011382	.0055878	.0026433
%RSD	2.744185	2.092800	.5971182	9.036035	2.934148	2.849644

#1	.0199540	.1806927	.1847849	.0113009	.1850355	.0930500
#2	.0205883	.1827680	.1833267	.0134358	.1900939	.0952430
#3	.0194946	.1754715	.1854868	.0130526	.1961949	.0899807

Elem	Sr4077
Units	ppm
Avg	.1949490
Stddev	.0005007
%RSD	.2568472

#1	.1952684
#2	.1952066
#3	.1943719

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7209.337	8115.361	164486.8	16605.23	12265.10
Stddev	28.001	10.733	341.3	66.76	14.41
%RSD	.3883944	.1322558	.2075019	.4020586	.1174676

#1	7191.460	8108.049	164221.2	16565.61	12255.78
#2	7194.944	8127.683	164367.4	16682.31	12281.70
#3	7241.607	8110.351	164871.8	16567.77	12257.84

Sample Name: MDL WATER#6 Acquired: 9/20/2018 14:19:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091196	.0092220	.0008861	.0173782	.0239759	.0616497	.0750605
Stddev	.0035588	.0040249	.0009253	.0034129	.0014310	.0174311	.0006003
%RSD	39.02333	43.64438	104.4229	19.63913	5.968674	28.27437	.7997560

#1	.0131132	.0045801	.0016599	.0196032	.0256280	.0693584	.0755596
#2	.0079615	.0113448	.0011373	.0134488	.0231739	.0738974	.0752275
#3	.0062842	.0117411	-.000139	.0190827	.0231256	.0416934	.0743944

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019409	.0018157	1.884412	.0034218	.0175115	.0129215	.0290940
Stddev	.0001108	.0001734	.018691	.0002401	.0004767	.0107876	.0460315
%RSD	5.706366	9.547558	.9918690	7.016331	2.722056	83.48524	158.2167

#1	.0019122	.0016713	1.905296	.0033552	.0172632	.0066741	.0234190
#2	.0020632	.0020080	1.878682	.0036882	.0180610	.0253779	.0776999
#3	.0018473	.0017679	1.869256	.0032221	.0172102	.0067125	-.013837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063493	1.743141	.0153566	.0014978	1.890984	.0176412	.0420196
Stddev	.0005434	.111466	.0004950	.0004359	.131495	.0074327	.0272493
%RSD	8.558483	6.394543	3.223517	29.10212	6.953766	42.13289	64.84919

#1	.0059493	1.698965	.0150547	.0019917	1.870633	.0097005	.0733478
#2	.0069680	1.660534	.0159279	.0013351	1.770851	.0187911	.0238191
#3	.0061306	1.869924	.0150871	.0011667	2.031468	.0244319	.0288918

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.819132	-.008529	.0017794	.0035931	.0322880	.0403902	.0000168
Stddev	.096262	.003798	.0010837	.0004214	.0046306	.0017802	.0027000
%RSD	5.291637	44.52924	60.90387	11.72890	14.34171	4.407519	16111.16

#1	1.850187	-.004172	.0005694	.0032442	.0366083	.0414701	.0021282
#2	1.711176	-.010276	.0021082	.0040614	.0273994	.0413650	-.003025
#3	1.896033	-.011139	.0026607	.0034738	.0328561	.0383355	.000947

Sample Name: MDL WATER#6 Acquired: 9/20/2018 14:19:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0356860	.0171381	.0370299
Stddev	.0044317	.0015899	.0001339
%RSD	12.41856	9.276980	.3616186

#1	.0316576	.0187104	.0371577
#2	.0349674	.0155311	.0370414
#3	.0404331	.0171727	.0368906

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7171.714	8093.292	164047.4	16522.73	12201.92
Stddev	14.993	11.190	146.4	19.91	17.90
%RSD	.2090581	.1382610	.0892283	.1205180	.1467176

#1	7160.632	8090.284	163926.1	16504.31	12201.77
#2	7188.774	8105.678	164006.1	16543.86	12219.90
#3	7165.736	8083.913	164210.0	16520.01	12184.09

Sample Name: MDL SOIL#4 Acquired: 9/20/2018 14:32:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106303	.0086510	.0025398	.0120768	.0240297	.0920043	.0812783
Stddev	.0032278	.0008721	.0008841	.0037581	.0008719	.0144996	.0005688
%RSD	30.36409	10.08090	34.80996	31.11799	3.628248	15.75971	.6998351

#1	.0136434	.0093642	.0035585	.0141992	.0231931	.1058227	.0819341
#2	.0110235	.0089102	.0020886	.0077377	.0249330	.0932822	.0809188
#3	.0072239	.0076787	.0019724	.0142936	.0239630	.0769081	.0809820

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020537	.0019822	1.992425	.0041114	.0191026	.0129310	-.011970
Stddev	.0000598	.0001374	.009338	.0001656	.0002856	.0047173	.011793
%RSD	2.910890	6.933788	.4686824	4.028693	1.495120	36.48078	98.52487

#1	.0021131	.0020213	1.985144	.0042897	.0191326	.0142537	-.018029
#2	.0020543	.0020959	2.002953	.0040822	.0193721	.0076935	.001621
#3	.0019936	.0018295	1.989177	.0039623	.0188033	.0168458	-.019501

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087411	2.039998	.0167820	.0027907	1.525452	.0210260	.0354645
Stddev	.0006393	.075230	.0002259	.0005293	.256762	.0090512	.0173575
%RSD	7.313564	3.687765	1.346289	18.96670	16.83186	43.04773	48.94326

#1	.0092967	2.035437	.0168132	.0023364	1.527001	.0241357	.0501601
#2	.0080424	1.967152	.0169907	.0026637	1.781436	.0108299	.0399199
#3	.0088841	2.117405	.0165421	.0033719	1.267919	.0281125	.0163136

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.978584	-.005041	.0004639	.0036671	.0320294	.0382175	.0003937
Stddev	.089852	.001444	.0015237	.0001271	.0061544	.0006995	.0008991
%RSD	4.541233	28.65017	328.4203	3.464776	19.21502	1.830274	228.3927

#1	2.082054	-.003956	.0018555	.0037879	.0275213	.0389991	.0012963
#2	1.933478	-.004488	-.001164	.0035346	.0390411	.0376504	.0003865
#3	1.920221	-.006681	.000700	.0036787	.0295257	.0380029	-.000502

Sample Name: MDL SOIL#4 Acquired: 9/20/2018 14:32:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0418093	.0155028	.0398337
Stddev	.0036741	.0021378	.0005159
%RSD	8.787664	13.78997	1.295072

#1	.0429149	.0155996	.0401338
#2	.0377094	.0175906	.0401294
#3	.0448035	.0133182	.0392381

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7174.574	8043.954	163938.9	16498.74	12120.70
Stddev	9.071	2.857	719.3	19.26	4.90
%RSD	.1264351	.0355128	.4387853	.1167172	.0404372

#1	7164.726	8040.682	163188.7	16519.57	12115.30
#2	7182.589	8045.951	164622.7	16495.05	12121.94
#3	7176.406	8045.230	164005.4	16481.59	12124.87

Sample Name: MDL SOIL#6 Acquired: 9/20/2018 14:40:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102024	.0103670	.0038773	.0148550	.0244499	.0801452	.0799334
Stddev	.0015383	.0015485	.0023357	.0015984	.0031938	.0242660	.0003407
%RSD	15.07774	14.93660	60.23926	10.75974	13.06283	30.27760	.4261825

#1	.0086005	.0118249	.0034549	.0151926	.0279414	.0574159	.0800699
#2	.0103388	.0105345	.0063954	.0131148	.0216757	.1057005	.0795456
#3	.0116680	.0087416	.0017817	.0162575	.0237326	.0773191	.0801846

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020644	.0019525	1.982903	.0045283	.0184409	.0073248	.0044448
Stddev	.0000534	.0000967	.051328	.0005973	.0003091	.0109765	.0260573
%RSD	2.585253	4.954444	2.588544	13.19099	1.675907	149.8540	586.2387

#1	.0020028	.0018760	1.976251	.0050709	.0186049	.0121885	-.004253
#2	.0020953	.0019204	2.037232	.0046259	.0180844	-.005243	.033739
#3	.0020951	.0020613	1.935224	.0038882	.0186334	.015029	-.016151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058443	1.902609	.0158971	.0024081	1.793431	.0197807	.0432652
Stddev	.0019300	.068517	.0005000	.0004349	.672228	.0018434	.0264973
%RSD	33.02366	3.601192	3.145458	18.05839	37.48278	9.319377	61.24374

#1	.0080173	1.829104	.0164371	.0020011	1.783686	.0177381	.0598327
#2	.0051862	1.964704	.0158042	.0023569	1.126129	.0213207	.0572580
#3	.0043295	1.914018	.0154501	.0028664	2.470478	.0202835	.0127050

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.994534	-.007366	.0010767	.0036041	.0403583	.0374590	.0012242
Stddev	.011688	.005390	.0009847	.0004367	.0075887	.0028985	.0010750
%RSD	.5860080	73.16543	91.46294	12.11611	18.80329	7.737757	87.81591

#1	1.982542	-.013552	.0020545	.0031037	.0341387	.0407877	.0009009
#2	1.995167	-.003678	.0000852	.0038006	.0381224	.0354924	.0024238
#3	2.005892	-.004869	.0010903	.0039080	.0488137	.0360971	.0003479

Sample Name: MDL SOIL#6 Acquired: 9/20/2018 14:40:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0371916	.0167498	.0394447
Stddev	.0029537	.0027293	.0001380
%RSD	7.941789	16.29441	.3498890

#1	.0400068	.0150508	.0394287
#2	.0374515	.0198980	.0393153
#3	.0341166	.0153006	.0395900

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7174.870	8104.803	163475.3	16470.29	12198.43
Stddev	37.063	4.622	167.5	26.94	8.01
%RSD	.5165709	.0570228	.1024801	.1635642	.0656957

#1	7149.860	8107.398	163519.5	16498.78	12192.69
#2	7217.451	8099.467	163290.1	16466.85	12195.01
#3	7157.299	8107.544	163616.3	16445.23	12207.58

Sample Name: MDL SOIL#2 Acquired: 9/20/2018 14:54:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184289	.0124219	.0052203	.0200053	.0322372	.0990986	.1055262
Stddev	.0026350	.0029266	.0011922	.0036359	.0017204	.0150096	.0017697
%RSD	14.29824	23.55976	22.83731	18.17478	5.336758	15.14614	1.677019

#1	.0181794	.0121698	.0054892	.0227897	.0310595	.0860918	.1042156
#2	.0159274	.0096295	.0062550	.0158918	.0342116	.1155220	.1075393
#3	.0211797	.0154664	.0039166	.0213343	.0314406	.0956821	.1048237

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027005	.0026675	2.605803	.0058781	.0249314	.0110435	.0247152
Stddev	.0000703	.0000775	.046171	.0005518	.0003610	.0111498	.0309477
%RSD	2.601666	2.906261	1.771835	9.386987	1.447835	100.9625	125.2173

#1	.0026625	.0027476	2.629620	.0053757	.0252884	.0065959	.0051586
#2	.0027816	.0026621	2.635202	.0057898	.0249394	.0237308	.0603955
#3	.0026574	.0025928	2.552587	.0064686	.0245666	.0028040	.0085915

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079593	2.532087	.0215475	.0043479	2.187092	.0178946	.0445315
Stddev	.0022059	.043990	.0001879	.0004907	.332039	.0081772	.0195332
%RSD	27.71537	1.737316	.8720139	11.28566	15.18177	45.69632	43.86381

#1	.0091215	2.524169	.0217644	.0042000	1.903401	.0253535	.0415189
#2	.0054153	2.492594	.0214419	.0048955	2.105577	.0191791	.0266796
#3	.0093412	2.579499	.0214362	.0039482	2.552298	.0091512	.0653959

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.530901	-.004661	.0024539	.0052240	.0522110	.0524153	.0020348
Stddev	.078529	.004234	.0012007	.0002416	.0051589	.0017382	.0001493
%RSD	3.102821	90.83239	48.92966	4.625115	9.880786	3.316221	7.334987

#1	2.590921	-.003722	.0022013	.0054198	.0561343	.0506117	.0021051
#2	2.559756	-.000976	.0037608	.0049540	.0463674	.0525543	.0021358
#3	2.442026	-.009286	.0013996	.0052982	.0541314	.0540798	.0018633

Sample Name: MDL SOIL#2 Acquired: 9/20/2018 14:54:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0483343	.0243212	.0521581
Stddev	.0029469	.0031298	.0003436
%RSD	6.096897	12.86862	.6587070

#1	.0452335	.0278185	.0523244
#2	.0486709	.0217835	.0523868
#3	.0510984	.0233617	.0517630

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7231.008	8105.177	164778.6	16475.89	12199.25
Stddev	34.891	9.946	279.8	71.88	17.30
%RSD	.4825154	.1227094	.1697996	.4362924	.1418268

#1	7196.119	8096.766	165094.9	16558.89	12182.57
#2	7265.900	8102.611	164563.2	16433.66	12198.07
#3	7231.007	8116.154	164677.9	16435.12	12217.11

Sample Name: MDL SOIL#5 Acquired: 9/20/2018 15:02:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103849	.0121797	.0031383	.0152976	.0337964	.0922678	.1035942
Stddev	.0022306	.0010077	.0015247	.0014389	.0024390	.0124914	.0014362
%RSD	21.47930	8.273924	48.58274	9.405807	7.216705	13.53819	1.386408

#1	.0112497	.0133088	.0023523	.0166425	.0310521	.1019541	.1042879
#2	.0120536	.0113713	.0021670	.0137803	.0346206	.0781691	.1045518
#3	.0078514	.0118591	.0048956	.0154698	.0357166	.0966804	.1019427

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026418	.0025706	2.646479	.0057496	.0246138	.0090328	.0118595
Stddev	.0000491	.0001504	.031570	.0003555	.0004427	.0074766	.0178423
%RSD	1.856608	5.849659	1.192894	6.183058	1.798737	82.77234	150.4481

#1	.0026775	.0025078	2.635204	.0058886	.0250849	.0173896	-.002502
#2	.0026619	.0027422	2.622095	.0053455	.0245502	.0029776	.006248
#3	.0025859	.0024618	2.682138	.0060145	.0242063	.0067310	.031833

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080625	2.605740	.0213628	.0039796	2.574366	.0226467	.0408401
Stddev	.0014267	.079961	.0007382	.0005666	.466744	.0068122	.0258373
%RSD	17.69497	3.068632	3.455713	14.23696	18.13042	30.08040	63.26436

#1	.0079529	2.651602	.0221031	.0042017	2.629568	.0148494	.0663440
#2	.0095409	2.652208	.0213585	.0044015	2.082476	.0256470	.0414946
#3	.0066939	2.513410	.0206267	.0033356	3.011054	.0274439	.0146819

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.549249	-.007161	.0015027	.0050364	.0465900	.0516717	.0012072
Stddev	.045167	.006410	.0008020	.0000727	.0038663	.0006112	.0009556
%RSD	1.771796	89.51660	53.36750	1.442667	8.298473	1.182824	79.15317

#1	2.500135	.000012	.0005943	.0050348	.0495812	.0516226	.0006648
#2	2.558608	-.012330	.0018013	.0049645	.0422243	.0523059	.0023106
#3	2.589004	-.009164	.0021126	.0051098	.0479645	.0510865	.0006463

Sample Name: MDL SOIL#5 Acquired: 9/20/2018 15:02:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0514439	.0254967	.0524320
Stddev	.0000463	.0019307	.0002408
%RSD	.0899342	7.572473	.4592310

#1	.0514582	.0264721	.0523025
#2	.0514813	.0232728	.0527098
#3	.0513921	.0267451	.0522837

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7142.148	8096.350	163033.8	16468.41	12198.96
Stddev	63.357	10.231	1353.9	71.40	7.00
%RSD	.8870802	.1263693	.8304656	.4335785	.0574204

#1	7169.273	8095.075	163859.6	16540.48	12202.57
#2	7069.744	8086.816	161471.3	16397.70	12190.89
#3	7187.425	8107.160	163770.6	16467.04	12203.43

Sample Name: MDL SOIL#7 Acquired: 9/20/2018 15:06:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120805	.0125829	.0028370	.0220752	.0306977	.1072652	.1054148
Stddev	.0011845	.0010670	.0023662	.0019504	.0014854	.0087781	.0007533
%RSD	9.805226	8.479725	83.40630	8.835173	4.838889	8.183534	.7146151

#1	.0134043	.0137340	.0055674	.0242145	.0293697	.1031021	.1046050
#2	.0111208	.0116269	.0015586	.0216150	.0304218	.1173503	.1055449
#3	.0117164	.0123879	.0013849	.0203960	.0323018	.1013433	.1060946

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027607	.0025700	2.710286	.0062387	.0248783	.0130709	.0340302
Stddev	.0000557	.0000701	.039360	.0004964	.0004866	.0043384	.0335555
%RSD	2.017497	2.727578	1.452231	7.956530	1.955791	33.19111	98.60510

#1	.0028239	.0024972	2.666771	.0060913	.0250929	.0109514	.0620299
#2	.0027394	.0025760	2.743402	.0067921	.0252206	.0101998	-.003164
#3	.0027188	.0026370	2.720684	.0058327	.0243213	.0180616	.043225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088172	2.494613	.0219224	.0038149	2.292140	.0186081	.0552942
Stddev	.0018249	.034514	.0004471	.0005265	.329169	.0028986	.0102448
%RSD	20.69733	1.383536	2.039423	13.79996	14.36075	15.57694	18.52781

#1	.0070158	2.513783	.0221926	.0043844	2.501821	.0219542	.0453572
#2	.0087710	2.454770	.0214063	.0033459	1.912750	.0168684	.0658213
#3	.0106648	2.515288	.0221682	.0037145	2.461849	.0170017	.0547043

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.560467	-.005791	.0007948	.0052599	.0473150	.0521319	.0012829
Stddev	.050874	.003490	.0009580	.0006253	.0047491	.0033715	.0023941
%RSD	1.986920	60.26266	120.5383	11.88762	10.03729	6.467257	186.6104

#1	2.618032	-.006878	.0008578	.0046121	.0495927	.0560239	.0027301
#2	2.541829	-.008609	.0017198	.0058599	.0418560	.0501065	.0025991
#3	2.521540	-.001887	-.000193	.0053077	.0504963	.0502653	-.001480

Sample Name: MDL SOIL#7 Acquired: 9/20/2018 15:06:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0513736	.0236747	.0525835
Stddev	.0048875	.0014161	.0004902
%RSD	9.513677	5.981282	.9322603

#1	.0552568	.0250943	.0521290
#2	.0529787	.0222623	.0525186
#3	.0458854	.0236675	.0531029

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7170.269	8110.923	163729.7	16467.76	12222.90
Stddev	48.012	18.919	937.0	84.07	9.89
%RSD	.6696052	.2332585	.5723092	.5105380	.0808738

#1	7212.847	8090.272	164467.3	16388.09	12214.61
#2	7118.230	8115.075	162675.3	16555.63	12220.25
#3	7179.731	8127.421	164046.5	16459.54	12233.84

Sample Name: CCV031 Acquired: 9/20/2018 15:11:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.923149	4.969125	24.89326	4.837171	4.950441	403.1237	10.08091
Stddev	.017190	.021300	.02224	.015277	.018319	1.6976	.01982
%RSD	.3491765	.4286557	.0893594	.3158231	.3700423	.4211232	.1966369

#1	4.911973	4.993671	24.91848	4.853147	4.934971	404.6249	10.09632
#2	4.914530	4.955505	24.88487	4.822706	4.945684	403.4648	10.08788
#3	4.942944	4.958198	24.87643	4.835660	4.970669	401.2814	10.05855

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4956806	2.502075	407.2497	15.29256	2.530891	15.01666	408.9887
Stddev	.0017963	.008802	.6835	.04152	.006294	.07949	1.3997
%RSD	.3623847	.3517697	.1678450	.2714878	.2486989	.5293623	.3422392

#1	.4966976	2.510733	407.7541	15.32473	2.538135	15.08539	409.8957
#2	.4967376	2.502356	407.5232	15.30725	2.527781	15.03498	409.6938
#3	.4936065	2.493136	406.4717	15.24570	2.526756	14.92960	407.3767

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.04553	397.2187	2.508394	1.273073	401.0858	2.479531	14.93927
Stddev	.02146	.8830	.006059	.010561	2.9387	.015000	.05747
%RSD	.1426416	.2223049	.2415401	.8295327	.7326893	.6049501	.3846849

#1	15.06784	397.7513	2.513457	1.283324	403.3678	2.494809	14.91113
#2	15.04369	397.7054	2.510044	1.273667	402.1198	2.464825	15.00538
#3	15.02504	396.1994	2.501681	1.262228	397.7699	2.478959	14.90129

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.9797	5.335701	5.216595	4.939557	5.162851	4.978284	5.041853
Stddev	1.1356	.013688	.039351	.007074	.017440	.012502	.022547
%RSD	.7422885	.2565313	.7543452	.1432088	.3377896	.2511315	.4471951

#1	153.8960	5.341292	5.256907	4.946825	5.147575	4.980295	5.067057
#2	153.3339	5.345709	5.214598	4.939152	5.159126	4.989658	5.034899
#3	151.7093	5.320103	5.178280	4.932695	5.181852	4.964898	5.023602

Sample Name: CCV031 Acquired: 9/20/2018 15:11:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV031 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.992723	5.092852	5.073186
Stddev	.019858	.017938	.005000
%RSD	.3977484	.3522188	.0985581

#1	5.004080	5.111310	5.076403
#2	5.004296	5.091762	5.075730
#3	4.969793	5.075484	5.067426

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6821.889	7492.177	160105.5	16275.96	10439.51
Stddev	12.966	1.800	411.9	106.89	7.39
%RSD	.1900698	.0240194	.2572607	.6567169	.0707565

#1	6818.896	7493.738	159951.6	16216.49	10434.45
#2	6810.681	7492.585	159792.8	16212.02	10436.09
#3	6836.090	7490.209	160572.2	16399.35	10447.98

Sample Name: CCB031 Acquired: 9/20/2018 15:14:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB031 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054750	-.000237	.0008186	.0034206	.0018570	-.008529	.0007844
Stddev	.0067687	.001604	.0009463	.0049755	.0013413	.009361	.0008699
%RSD	123.6299	677.6964	115.6015	145.4542	72.23365	109.7533	110.8950

#1	.0027220	-.000477	.0001783	.0032078	.0013715	-.019339	.0017105
#2	.0131865	.001474	.0003719	-.001445	.0008259	-.003121	.0006583
#3	.0005166	-.001707	.0019055	.008499	.0033734	-.003129	-.000015

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000050	-.000164	.0068097	.0001963	-.000548	-.000964	-.057785
Stddev	.000096	.000103	.0297550	.0001721	.000567	.008323	.006273
%RSD	193.8839	62.97412	436.9472	87.65214	103.3881	863.0885	10.85498

#1	-.000013	-.000046	.0133069	.0000722	-.000168	-.008430	-.064606
#2	-.000159	-.000237	.0327793	.0001240	-.000277	-.002472	-.056485
#3	.000023	-.000210	-.025657	.0003928	-.001200	.008010	-.052265

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043590	.2034718	.0003804	-.000058	-.001945	-.012615	.0330070
Stddev	.0006883	.0882790	.0004972	.000374	.505556	.005518	.0123055
%RSD	15.79012	43.38638	130.7271	648.5501	25986.05	43.73904	37.28151

#1	.0051479	.2708890	-.000125	-.000489	-.357944	-.016887	.0367921
#2	.0040485	.1035485	.000397	.000175	-.224615	-.014574	.0192536
#3	.0038807	.2359777	.000869	.000141	.576722	-.006385	.0429754

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1415847	-.012935	.0068644	-.000215	.0051177	.0018093	-.001099
Stddev	.0907161	.003773	.0020134	.000146	.0052099	.0014847	.001602
%RSD	64.07201	29.17196	29.33036	67.75129	101.8028	82.06129	145.7915

#1	.0387659	-.017133	.0084687	-.000062	.0005420	.0016286	-.001938
#2	.2103330	-.009828	.0046051	-.000232	.0040231	.0033761	-.002107
#3	.1756550	-.011843	.0075193	-.000352	.0107879	.0004232	.000748

Sample Name: CCB031 Acquired: 9/20/2018 15:14:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB031 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002550	.0028355	.0001458
Stddev	.001470	.0010517	.0001502
%RSD	57.64085	37.08885	103.0249

#1	-.004226	.0032438	.0000970
#2	-.001945	.0016409	.0003144
#3	-.001479	.0036218	.0000260

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7230.726	8067.664	165141.8	16580.06	12166.45
Stddev	40.804	10.750	181.5	77.16	26.30
%RSD	.5643180	.1332476	.1099121	.4653628	.2162088

#1	7245.811	8055.879	164941.9	16654.02	12138.26
#2	7261.840	8070.180	165296.4	16500.06	12170.74
#3	7184.527	8076.933	165187.0	16586.09	12190.34

Sample Name: MDL SOIL#3 Acquired: 9/20/2018 15:31:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151811	.0125707	.0049944	.0199712	.0334496	.1081493	.1048194
Stddev	.0021708	.0049688	.0015363	.0024157	.0011543	.0062676	.0010283
%RSD	14.29966	39.52675	30.76109	12.09582	3.450977	5.795355	.9810474

#1	.0126881	.0109986	.0067273	.0198380	.0342003	.1035173	.1036602
#2	.0166544	.0181354	.0037990	.0224507	.0340280	.1056496	.1056219
#3	.0162007	.0085782	.0044569	.0176249	.0321204	.1152811	.1051761

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026417	.0025610	2.638589	.0053427	.0249999	.0183079	.0188023
Stddev	.0000483	.0001774	.042932	.0001361	.0005944	.0088843	.0587574
%RSD	1.828589	6.925664	1.627097	2.546644	2.377638	48.52739	312.5014

#1	.0026623	.0026980	2.609351	.0051857	.0253415	.0085006	.0540354
#2	.0025865	.0026243	2.687879	.0054161	.0253446	.0258181	-.049028
#3	.0026763	.0023606	2.618538	.0054262	.0243135	.0206049	.051399

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092956	2.497722	.0219523	.0035849	2.552955	.0212221	.0695602
Stddev	.0013859	.021110	.0004150	.0002848	.188686	.0039062	.0081639
%RSD	14.90949	.8451539	1.890571	7.944800	7.390883	18.40635	11.73644

#1	.0095018	2.506321	.0222374	.0035186	2.441338	.0206435	.0765289
#2	.0078182	2.473670	.0221434	.0038970	2.770808	.0176374	.0715737
#3	.0105670	2.513175	.0214762	.0033390	2.446719	.0253853	.0605779

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.566959	-.005449	.0016990	.0051998	.0540967	.0506021	.0018233
Stddev	.088097	.004510	.0009227	.0002496	.0076012	.0007044	.0010249
%RSD	3.431962	82.76272	54.30677	4.800568	14.05118	1.392101	56.20943

#1	2.476428	-.002583	.0018764	.0053593	.0461358	.0503296	.0030067
#2	2.652401	-.010647	.0007005	.0049122	.0548761	.0514021	.0012249
#3	2.572049	-.003117	.0025201	.0053281	.0612782	.0500747	.0012383

Sample Name: MDL SOIL#3 Acquired: 9/20/2018 15:31:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0490828	.0228963	.0528135
Stddev	.0018156	.0013250	.0002515
%RSD	3.698948	5.787046	.4761864

#1	.0505255	.0216994	.0530572
#2	.0470442	.0226692	.0525549
#3	.0496786	.0243201	.0528285

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7153.538	8090.043	163998.2	16555.26	12187.79
Stddev	23.216	11.733	579.6	126.10	37.25
%RSD	.3245339	.1450294	.3534014	.7617207	.3056553

#1	7177.394	8077.454	163979.2	16484.35	12156.06
#2	7152.199	8092.002	164587.1	16480.57	12178.52
#3	7131.020	8100.673	163428.4	16700.86	12228.81

Sample Name: MDL SOIL#1 Acquired: 9/20/2018 15:35:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188285	.0139349	.0063003	.0189574	.0342547	.1006707	.1045082
Stddev	.0035857	.0013491	.0015845	.0019042	.0004174	.0062506	.0014675
%RSD	19.04395	9.681693	25.14911	10.04487	1.218408	6.208976	1.404217

#1	.0226756	.0154920	.0044869	.0171256	.0341284	.1016950	.1059580
#2	.0155795	.0131147	.0074170	.0209266	.0339151	.1063459	.1030236
#3	.0182304	.0131979	.0069970	.0188199	.0347206	.0939712	.1045430

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025459	.0024889	2.615330	.0060767	.0252336	.0141291	.0316307
Stddev	.0000328	.0001180	.015757	.0007661	.0007127	.0067991	.0153482
%RSD	1.290044	4.740879	.6024752	12.60684	2.824506	48.12120	48.52303

#1	.0025334	.0025442	2.598201	.0063746	.0244370	.0143994	.0472038
#2	.0025211	.0025691	2.629207	.0052064	.0254526	.0207890	.0165178
#3	.0025832	.0023534	2.618583	.0066490	.0258111	.0071989	.0311705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112175	2.523098	.0213597	.0044272	2.672557	.0213670	.0488375
Stddev	.0006736	.046681	.0008223	.0003601	.342331	.0040273	.0197008
%RSD	6.005142	1.850160	3.849655	8.134078	12.80912	18.84830	40.33956

#1	.0118195	2.505262	.0220556	.0048390	2.355270	.0176794	.0266843
#2	.0104899	2.576067	.0215712	.0042713	3.035375	.0256645	.0643920
#3	.0113431	2.487964	.0204524	.0041713	2.627025	.0207572	.0554361

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.457068	-.010006	.0007742	.0051452	.0551636	.0537487	.0011727
Stddev	.045601	.003492	.0016056	.0004281	.0064950	.0005196	.0010848
%RSD	1.855924	34.89591	207.3833	8.320904	11.77402	.9666716	92.50532

#1	2.415322	-.007587	.0008746	.0056064	.0626420	.0534516	.0019580
#2	2.450149	-.008421	-.000879	.0050687	.0509347	.0534458	-.000065
#3	2.505734	-.014009	.002327	.0047605	.0519142	.0543486	.001625

Sample Name: MDL SOIL#1 Acquired: 9/20/2018 15:35:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MDL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0488757	.0256806	.0521753
Stddev	.0037411	.0034148	.0001574
%RSD	7.654361	13.29724	.3016689

#1	.0517246	.0265549	.0523559
#2	.0446390	.0219136	.0521030
#3	.0502636	.0285732	.0520671

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7215.504	8109.909	165110.7	16783.28	12185.83
Stddev	28.555	8.766	489.5	90.07	14.79
%RSD	.3957448	.1080927	.2964775	.5366578	.1213331

#1	7210.553	8119.831	164701.6	16680.20	12202.66
#2	7189.748	8106.685	164977.4	16822.82	12179.89
#3	7246.211	8103.212	165653.1	16846.80	12174.93

Sample Name: J4861-04A Acquired: 9/20/2018 15:40:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA41S8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0301499	-.040882	1.962823	.1543884	.0000877	52.27921	.8471959
Stddev	.0028845	.002937	.007374	.0017144	.0034838	.14014	.0029755
%RSD	9.567179	7.184124	.3757065	1.110447	3971.010	.2680656	.3512175

#1	.0270311	-.043613	1.971170	.1545094	.0003816	52.11775	.8438692
#2	.0327218	-.037775	1.960112	.1560390	-.003534	52.35055	.8481156
#3	.0306967	-.041258	1.957189	.1526166	.003415	52.36933	.8496030

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051644	.0156530	29.88864	.6878187	.0431749	.8681983	110.3251
Stddev	.0001907	.0001095	.08904	.0011035	.0003266	.0149943	.2105
%RSD	3.691874	.6995685	.2978907	.1604379	.7565266	1.727064	.1907648

#1	.0053681	.0156067	29.86268	.6872731	.0435467	.8583936	110.1113
#2	.0051350	.0157781	29.81546	.6890888	.0430437	.8607423	110.3320
#3	.0049901	.0155743	29.98777	.6870943	.0429342	.8854591	110.5320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.294299	13.58091	.1261443	.0061817	157.8414	.2782863	3.426966
Stddev	.017852	.28590	.0009491	.0006797	.7568	.0146677	.085245
%RSD	.5418935	2.105189	.7523563	10.99573	.4794606	5.270715	2.487467

#1	3.311632	13.63193	.1268517	.0065250	156.9809	.2726388	3.330983
#2	3.275971	13.83788	.1265156	.0053988	158.4036	.2672818	3.456058
#3	3.295294	13.27294	.1250658	.0066213	158.1396	.2949383	3.493856

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.49603	7.882406	.1402004	.0089683	43.29530	29.48868	.0554856
Stddev	.16083	.019263	.0025238	.0005003	.12888	.20862	.0032171
%RSD	.9192131	.2443764	1.800166	5.578721	.2976831	.7074664	5.798170

#1	17.33299	7.903912	.1375992	.0084552	43.42064	29.69748	.0522502
#2	17.65455	7.866737	.1426390	.0094548	43.30213	29.48832	.0555225
#3	17.50054	7.876570	.1403630	.0089950	43.16314	29.28024	.0586842

Sample Name: J4861-04A Acquired: 9/20/2018 15:40:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA41S8A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8277437	.0318494	.2622147
Stddev	.0023432	.0030960	.0011033
%RSD	.2830794	9.720760	.4207546

#1	.8284578	.0351594	.2634873
#2	.8251265	.0313642	.2615286
#3	.8296467	.0290247	.2616281

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7287.438	8053.414	170809.6	17137.91	12966.60
Stddev	32.296	21.767	928.9	52.90	22.24
%RSD	.4431776	.2702797	.5438173	.3086596	.1715220

#1	7317.605	8054.834	171850.2	17114.58	12944.18
#2	7291.342	8074.436	170514.5	17100.69	12988.65
#3	7253.368	8030.972	170064.1	17198.46	12966.98

Sample Name: CCV032 Acquired: 9/20/2018 15:55:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.949974	4.964150	24.96934	4.859491	4.948061	400.8912	9.946467
Stddev	.033476	.029725	.06336	.008849	.005289	.4586	.011650
%RSD	.6762958	.5987878	.2537541	.1820879	.1068963	.1144006	.1171227

#1	4.930874	4.931595	24.89954	4.851957	4.941987	401.3602	9.959906
#2	4.930420	4.971010	24.98527	4.857281	4.950547	400.8696	9.939237
#3	4.988628	4.989845	25.02322	4.869235	4.951650	400.4437	9.940259

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4984877	2.503688	403.0069	15.30984	2.530146	14.89403	405.9888
Stddev	.0018225	.006683	.1347	.03821	.009797	.03263	1.4518
%RSD	.3655964	.2669099	.0334234	.2495591	.3872008	.2190858	.3575843

#1	.4964353	2.499020	403.0991	15.31819	2.518861	14.91202	407.0299
#2	.4991111	2.500701	402.8523	15.34318	2.535102	14.85636	406.6060
#3	.4999166	2.511343	403.0693	15.26815	2.536474	14.91371	404.3304

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.90605	396.0606	2.510411	1.267406	398.3869	2.471790	14.71098
Stddev	.03883	1.2246	.005046	.003376	.7080	.029868	.07518
%RSD	.2604713	.3091952	.2009853	.2663762	.1777119	1.208355	.5110619

#1	14.86303	396.5709	2.504687	1.271128	398.7779	2.490668	14.79017
#2	14.93850	396.9475	2.512337	1.266551	397.5697	2.437355	14.64058
#3	14.91661	394.6634	2.514211	1.264540	398.8132	2.487348	14.70219

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.8998	5.345600	5.213078	4.968700	5.164851	5.008526	5.040679
Stddev	.1996	.035822	.022957	.016602	.037695	.016031	.026421
%RSD	.1314175	.6701230	.4403736	.3341318	.7298421	.3200804	.5241529

#1	151.9313	5.305241	5.186953	4.954571	5.121365	4.990015	5.010315
#2	152.0817	5.373628	5.230033	4.964546	5.184973	5.017656	5.053293
#3	151.6862	5.357930	5.222247	4.986985	5.188216	5.017906	5.058429

Sample Name: CCV032 Acquired: 9/20/2018 15:55:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV032 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.946723	5.057331	5.005425
Stddev	.016334	.005136	.002563
%RSD	.3301943	.1015522	.0512129

#1	4.965517	5.061225	5.004609
#2	4.938697	5.059257	5.008297
#3	4.935954	5.051510	5.003369

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6701.007	7373.882	156643.8	15914.86	10323.33
Stddev	23.235	6.051	320.6	53.34	11.97
%RSD	.3467449	.0820657	.2046759	.3351783	.1159141

#1	6689.544	7379.732	156275.3	15923.50	10336.72
#2	6727.746	7374.267	156859.0	15963.35	10313.67
#3	6685.730	7367.647	156797.0	15857.72	10319.59

Sample Name: CCB032 Acquired: 9/20/2018 15:58:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB032 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074717	.0025297	.0023415	.0030536	.0015087	.0216000	.0006049
Stddev	.0062740	.0033737	.0016759	.0032186	.0014248	.0148152	.0008215
%RSD	83.96946	133.3621	71.57517	105.4029	94.44053	68.58888	135.8162

#1	.0139249	.0011474	.0032377	.0062761	-.000041	.0369518	.0000497
#2	.0013938	.0063750	.0033786	.0030458	.001804	.0204613	.0002164
#3	.0070965	.0000667	.0004080	-.000161	.002763	.0073871	.0015486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001454	.0000251	.0108714	.0005102	-.000181	.0036364	-.018181
Stddev	.0000585	.0001525	.0346179	.0004392	.000157	.0018741	.048093
%RSD	40.22222	607.4490	318.4301	86.08076	86.48487	51.53787	264.5210

#1	.0001417	.0001301	.0272697	.0002274	-.000139	.0057877	-.072966
#2	.0002056	-.000150	.0342432	.0002870	-.000355	.0023575	.017081
#3	.0000888	.000095	-.028899	.0010162	-.000050	.0027640	.001342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000505	.0041655	.0002022	-.000471	-.179198	-.008213	.0212191
Stddev	.002884	.1021817	.0004940	.000657	.231897	.003733	.0201012
%RSD	570.8681	2453.044	244.3688	139.5444	129.4082	45.44927	94.73195

#1	-.003825	.0069310	.0001601	-.000561	-.415780	-.005745	.0341311
#2	.001385	.1049364	-.000269	.000227	-.169524	-.006388	.0314668
#3	.000924	-.099371	.000716	-.001079	.047711	-.012508	-.001941

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1979427	-.014106	.0093851	-.000031	-.002358	.0005156	-.000498
Stddev	.0402431	.002162	.0013967	.000371	.008490	.0025171	.001709
%RSD	20.33071	15.32922	14.88211	1180.237	360.0838	488.1847	343.3850

#1	.1881164	-.012939	.0105264	.000192	-.010209	-.002278	-.002386
#2	.1635227	-.012778	.0098012	-.000460	-.003517	.002607	-.000050
#3	.2421890	-.016601	.0078276	.000174	.006652	.001217	.000943

Sample Name: CCB032 Acquired: 9/20/2018 15:58:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v657) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB032 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005298	.0045141	.0003025
Stddev	.0017373	.0043014	.0000531
%RSD	327.9299	95.28823	17.54214

#1	.0017490	.0067457	.0003409
#2	.0012999	.0072410	.0002419
#3	-.001459	-.000444	.0003245

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7162.694	8062.084	163796.8	16484.04	12167.45
Stddev	58.592	15.785	587.3	89.77	33.34
%RSD	.8180150	.1957979	.3585837	.5445908	.2740495

#1	7168.374	8043.866	163478.5	16582.86	12128.96
#2	7101.469	8070.668	163437.3	16407.52	12187.53
#3	7218.239	8071.716	164474.6	16461.74	12185.86