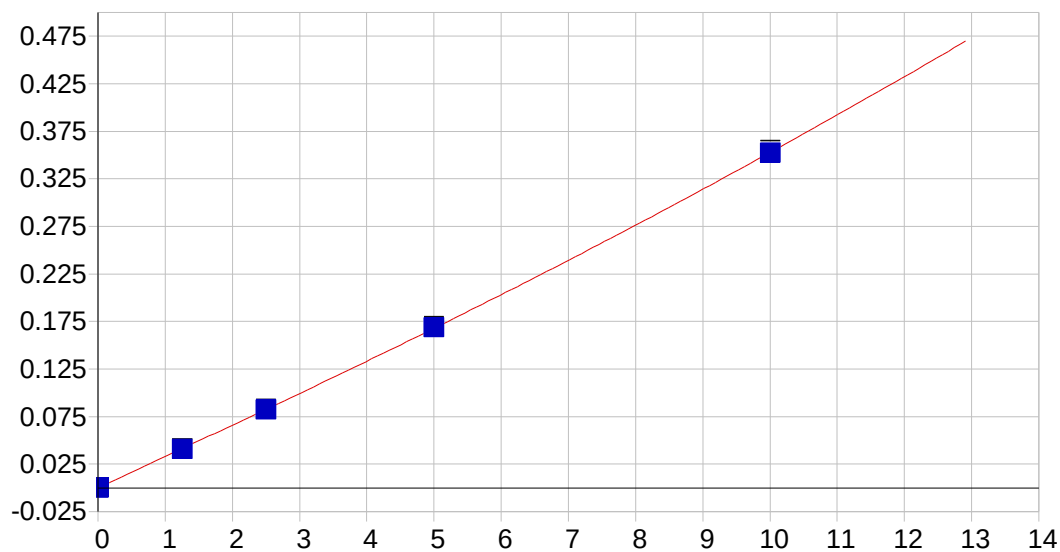




As 189.042 {479}

Date of Fit: 8/21/2018 17:55:08

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000339

Re-Slope: 1.000000

A1 (Gain): 0.032846

Y-int: 0.000000

A2 (Curvature): 0.000643

n (Exponent): 0.960000

Correlation: 0.999985

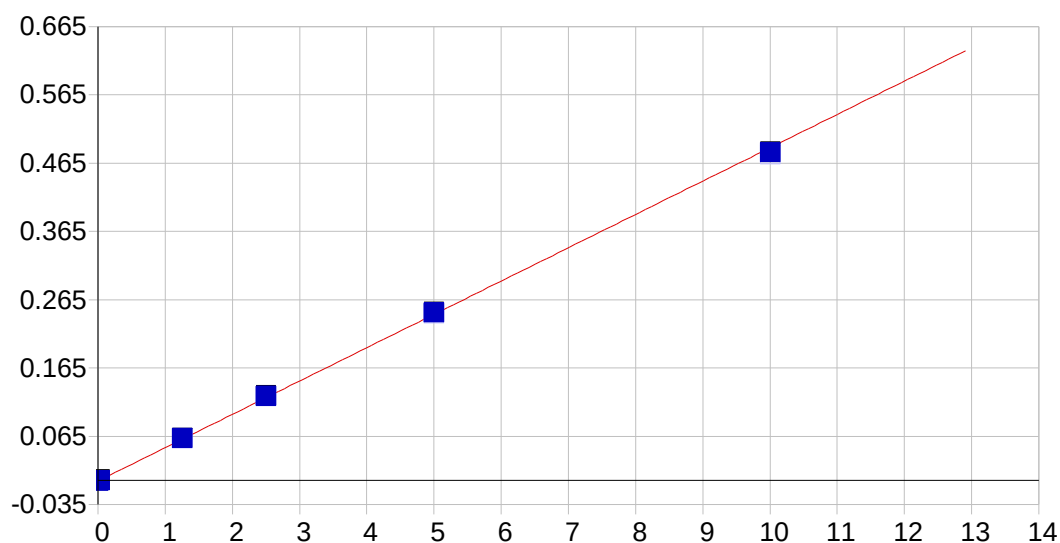
Status: Warning Positive Curvature

Std Error of Est: 0.000005

Predicted MDL: 0.004715

Predicted MQL: 0.015717

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.01000	.01152	.002	15.2	.00011	.000	1
S2	1.2500	1.2359	-.014	-1.13	.04098	.000	1
S3	2.5000	2.4966	-.003	-.136	.08264	.000	1
S4	5.0000	5.0255	.025	.509	.16907	.001	1
S5	10.000	9.9905	-.010	-.095	.35312	.002	1



TI 190.856 {477}

Date of Fit: 8/21/2018 17:55:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000622

Re-Slope: 1.000000

A1 (Gain): 0.048827

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999865

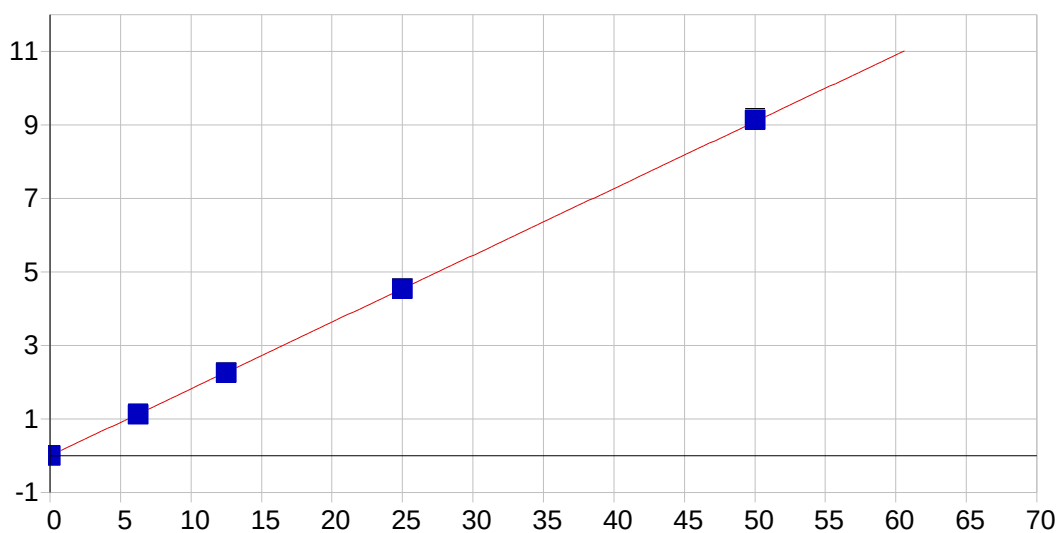
Status: OK.

Std Error of Est: 0.000021

Predicted MDL: 0.002926

Predicted MQL: 0.009752

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00062	.000	1
S1	.02500	.02648	.001	5.92	.00065	.000	1
S2	1.2500	1.2812	.031	2.50	.06157	.000	1
S3	2.5000	2.5613	.061	2.45	.12370	.000	1
S4	5.0000	5.0511	.051	1.02	.24453	.001	1
S5	10.000	9.8550	-.145	-1.45	.47761	.002	1

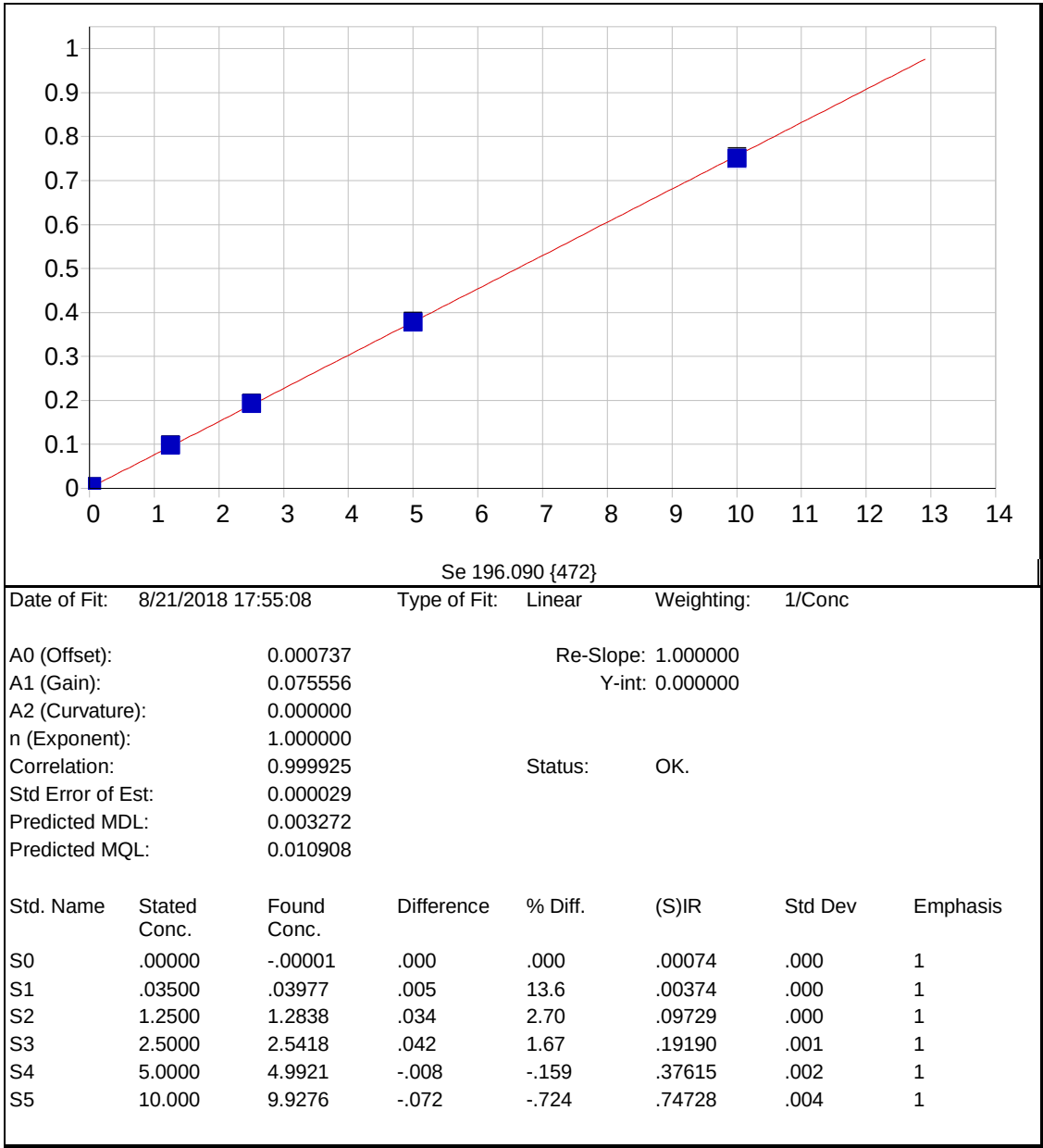


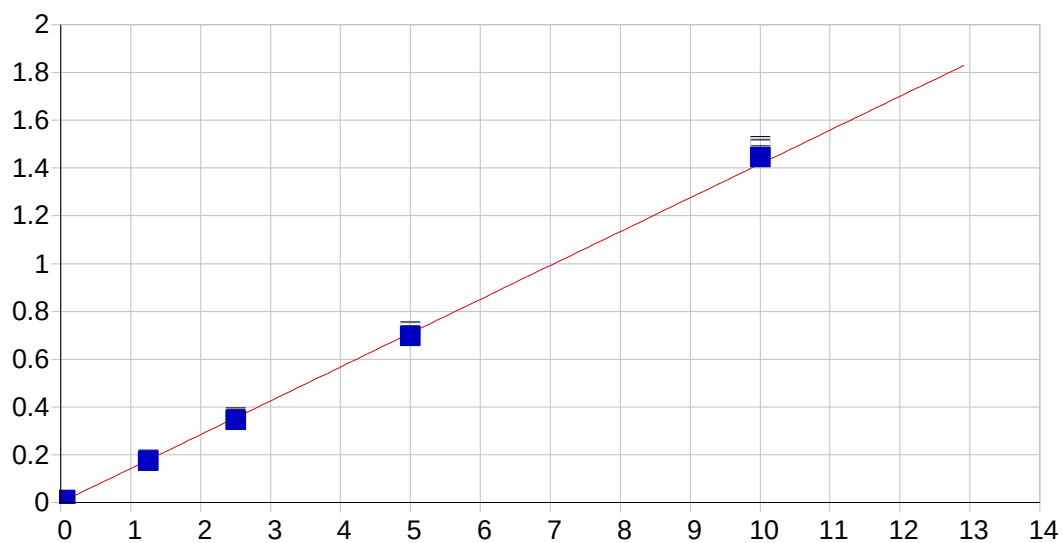
Pb 220.353 {453}

Date of Fit: 8/21/2018 17:55:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000151 Re-Slope: 1.000000
 A1 (Gain): 0.181761 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.002074
 Predicted MQL: 0.006914

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.01000	.00909	-.001	-9.06	.00181	.000	1
S2	6.2500	6.1789	-.071	-1.14	1.1248	.004	1
S3	12.500	12.366	-.134	-1.08	2.2509	.012	1
S4	25.000	24.967	-.033	-.130	4.5446	.015	1
S5	50.000	50.239	.239	.478	9.1443	.040	1



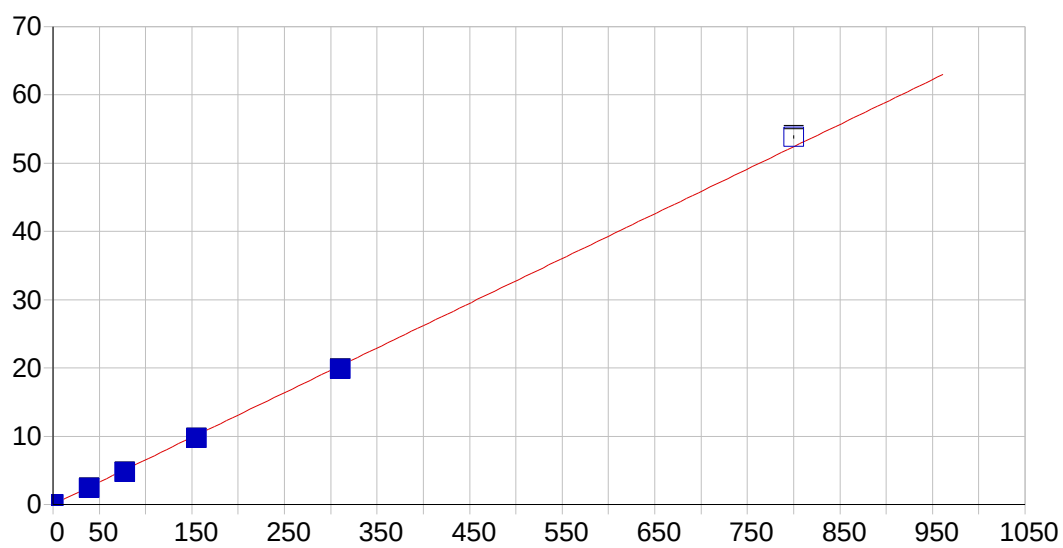


Sb 206.833 {463}

Date of Fit: 8/21/2018 17:55:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000553 Re-Slope: 1.000000
 A1 (Gain): 0.141643 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999781 Status: OK.
 Std Error of Est: 0.000125
 Predicted MDL: 0.002006
 Predicted MQL: 0.006687

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00055	.000	1
S1	.06000	.06256	.003	4.27	.00941	.000	1
S2	1.2500	1.2201	-.030	-2.39	.17819	.000	1
S3	2.5000	2.4269	-.073	-2.92	.35395	.002	1
S4	5.0000	4.9035	-.096	-1.93	.71439	.003	1
S5	10.000	10.197	.197	1.97	1.4835	.007	1



AI 396.152 { 85}

Date of Fit: 8/21/2018 17:55:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003986

Re-Slope: 1.000000

A1 (Gain): 0.065509

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999445

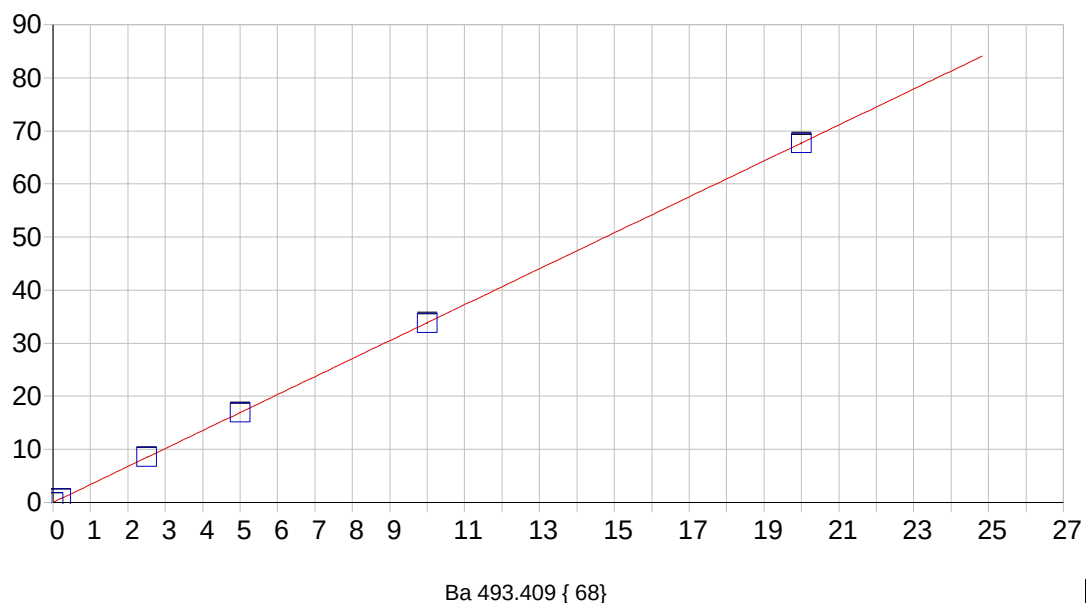
Status: OK.

Std Error of Est: 0.001358

Predicted MDL: 0.018643

Predicted MQL: 0.062143

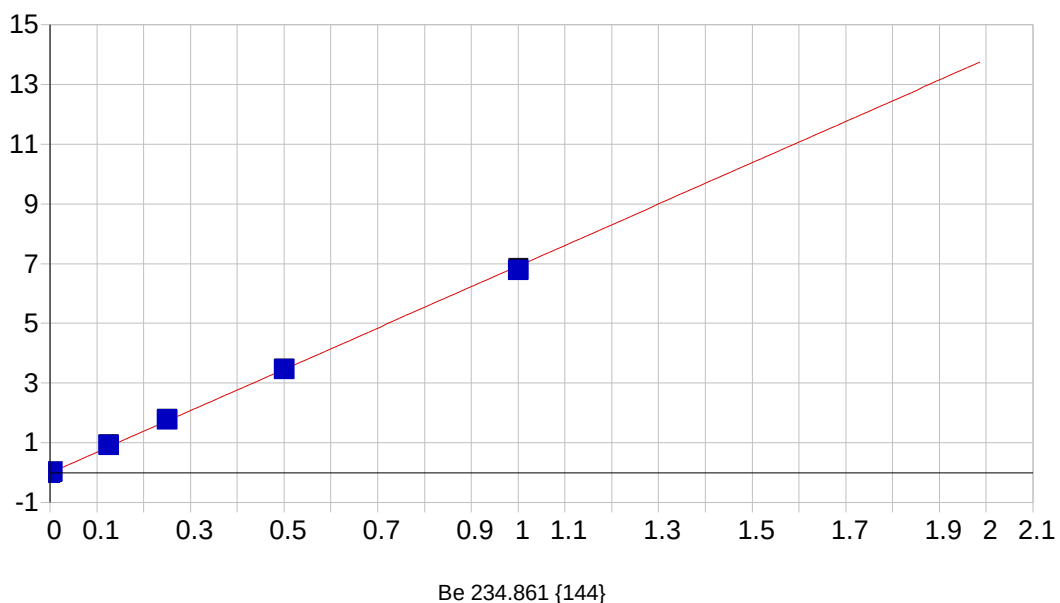
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00399	.000	1
S1	.20000	.20560	.006	2.80	.01747	.001	1
S2	38.750	36.339	-2.41	-6.22	2.3869	.013	1
S3	77.500	72.580	-4.92	-6.35	4.7634	.015	1
S4	155.00	147.90	-7.10	-4.58	9.7022	.021	1
S5	310.00	302.85	-7.15	-2.31	19.863	.056	1
S6	800.00	821.59	21.6	2.70	53.826	.243	1



Date of Fit: 8/21/2018 17:55:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011974 Re-Slope: 1.000000
 A1 (Gain): 3.385595 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.001510
 Predicted MDL: 0.000827
 Predicted MQL: 0.002757

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.01194	.002	1
S1	.20000	.20923	.009	4.62	.72036	.004	1
S2	2.5000	2.5228	.023	.910	8.5530	.019	1
S3	5.0000	4.9953	-.005	-.094	16.924	.079	1
S4	10.000	9.9885	-.011	-.115	33.829	.146	1
S5	20.000	19.984	-.016	-.079	67.670	.199	1



Date of Fit: 8/21/2018 17:55:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003010

Re-Slope: 1.000000

A1 (Gain): 6.920501

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999673

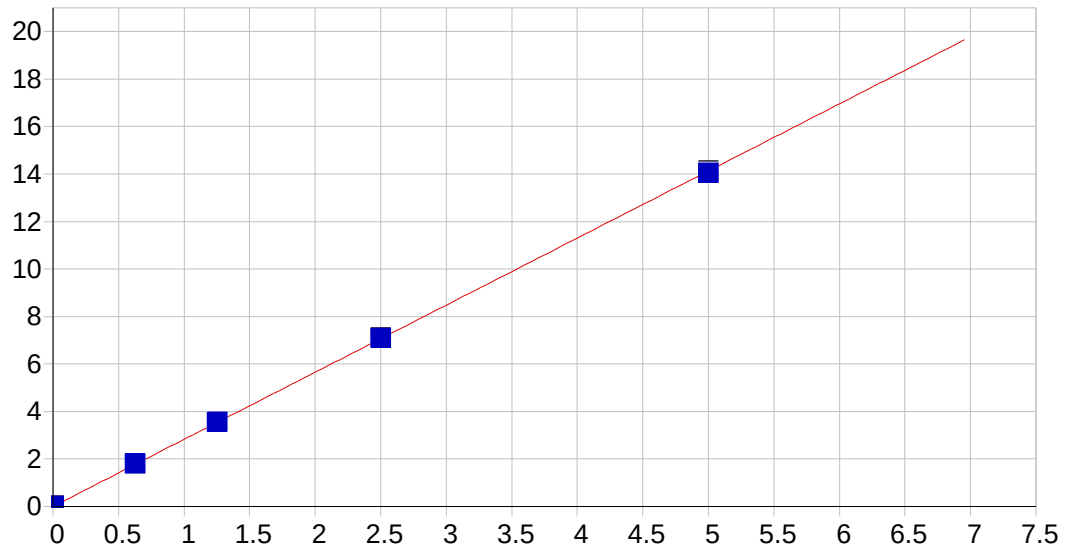
Status: OK.

Std Error of Est: 0.000661

Predicted MDL: 0.000079

Predicted MQL: 0.000263

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00302	.000	1
S1	.00500	.00586	.001	17.3	.03754	.000	1
S2	.12500	.13345	.008	6.76	.91678	.005	1
S3	.25000	.25668	.007	2.67	1.7658	.017	1
S4	.50000	.50168	.002	.335	3.4537	.002	1
S5	1.0000	.98232	-.018	-1.77	6.7649	.044	1

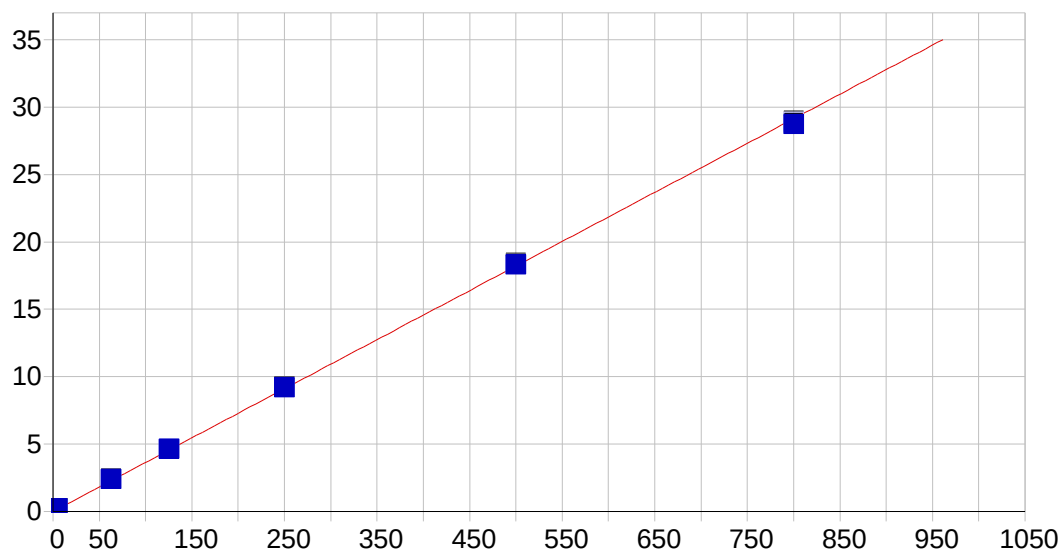


Cd 214.438 {457}

Date of Fit: 8/21/2018 17:55:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001325 Re-Slope: 1.000000
 A1 (Gain): 2.825836 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000164
 Predicted MDL: 0.000094
 Predicted MQL: 0.000314

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00132	.000	1
S1	.00500	.00533	.000	6.51	.01638	.000	1
S2	.62500	.63576	.011	1.72	1.8015	.008	1
S3	1.2500	1.2605	.010	.838	3.5705	.017	1
S4	2.5000	2.5054	.005	.216	7.0957	.019	1
S5	5.0000	4.9731	-.027	-.539	14.083	.055	1

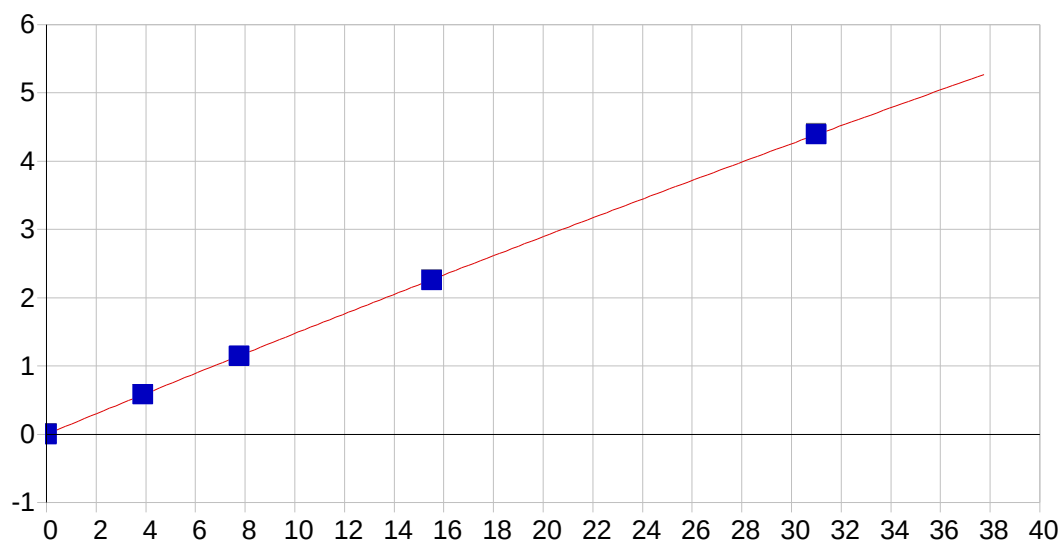


Ca 373.690 { 90}

Date of Fit: 8/21/2018 17:55:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001878 Re-Slope: 1.000000
 A1 (Gain): 0.036423 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999878 Status: OK.
 Std Error of Est: 0.001995
 Predicted MDL: 0.024954
 Predicted MQL: 0.083180

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00065	-.001	.000	.00185	.000	1
S1	5.0000	5.2899	.290	5.80	.19458	.001	1
S2	62.500	65.513	3.01	4.82	2.3962	.005	1
S3	125.00	127.68	2.68	2.14	4.6685	.003	1
S4	250.00	252.91	2.91	1.16	9.2460	.045	1
S5	500.00	502.56	2.56	.512	18.372	.068	1
S6	800.00	788.58	-11.4	-1.43	28.898	.082	1

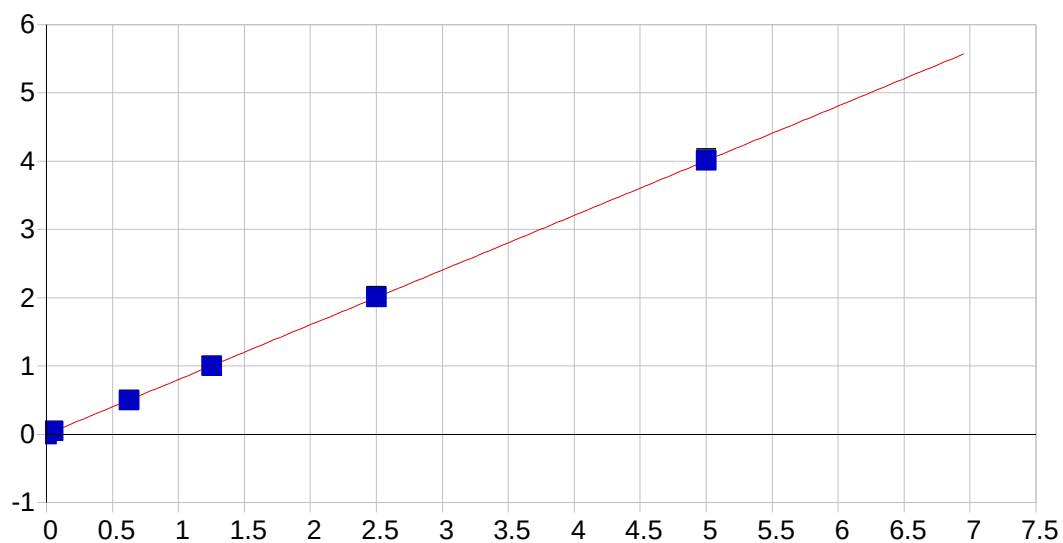


Cr 267.716 {126}

Date of Fit: 8/21/2018 17:55:08 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.150527 Y-int: 0.000000
 A2 (Curvature): -0.000289
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000618
 Predicted MQL: 0.002061

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.01132	.001	13.2	.00169	.000	1
S2	3.8750	3.9036	.029	.737	.58419	.001	1
S3	7.7500	7.7443	-.006	-.073	1.1504	.003	1
S4	15.500	15.454	-.046	-.299	2.2612	.001	1
S5	31.000	31.022	.022	.072	4.3994	.008	1

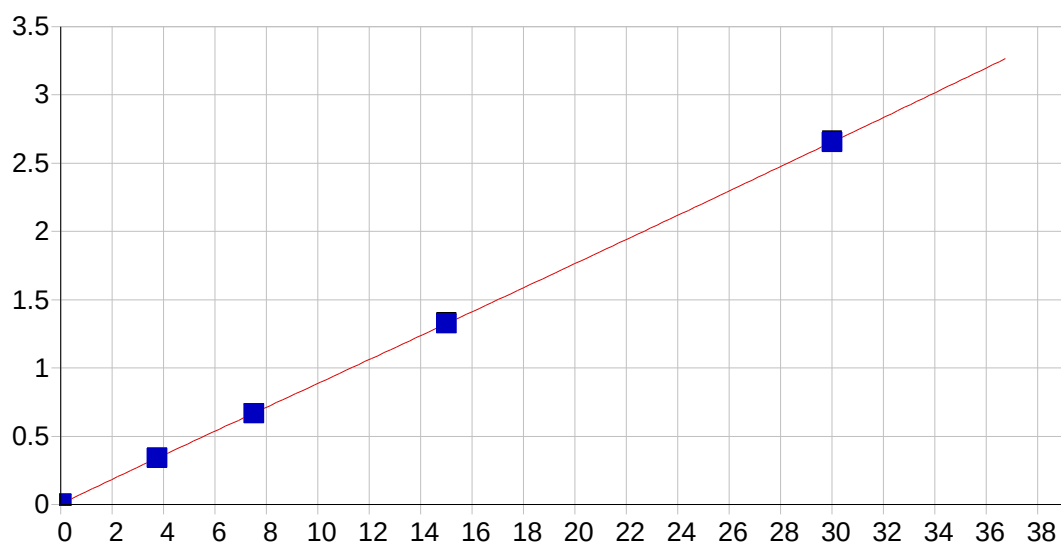


Co 228.616 {448}

Date of Fit: 8/21/2018 17:55:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000130 Re-Slope: 1.000000
 A1 (Gain): 0.801374 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999997 Status: OK.
 Std Error of Est: 0.000049
 Predicted MDL: 0.000321
 Predicted MQL: 0.001072

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.05000	.05105	.001	2.10	.04093	.000	1
S2	.62500	.62227	-.003	-.436	.49954	.003	1
S3	1.2500	1.2461	-.004	-.312	1.0004	.004	1
S4	2.5000	2.5025	.002	.099	2.0093	.009	1
S5	5.0000	5.0031	.003	.062	4.0172	.020	1



Cu 324.754 {104}

Date of Fit: 8/21/2018 17:55:08

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): 0.001154

Re-Slope: 1.000000

A1 (Gain): 0.093262

Y-int: 0.000000

A2 (Curvature): 0.000173

n (Exponent): 0.970000

Correlation: 0.999998

Status:

Warning

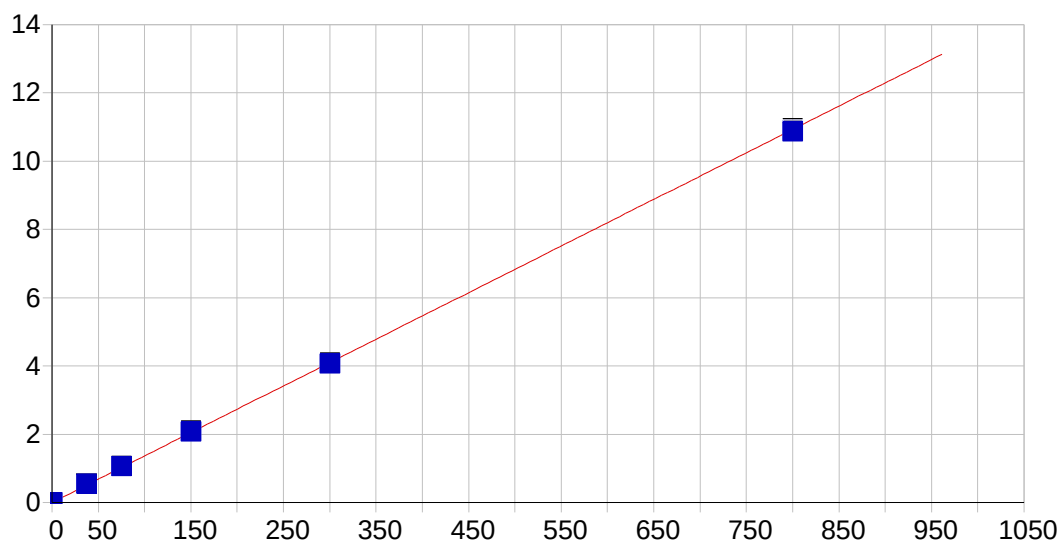
Positive Curvature

Std Error of Est: 0.000011

Predicted MDL: 0.005855

Predicted MQL: 0.019518

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00115	.000	1
S1	.02500	.02654	.002	6.16	.00391	.000	1
S2	3.7500	3.7554	.005	.144	.33980	.001	1
S3	7.5000	7.4791	-.021	-.279	.66595	.002	1
S4	15.000	15.018	.018	.119	1.3247	.007	1
S5	30.000	29.996	-.004	-.014	2.6525	.009	1



Fe 259.837 {130}

Date of Fit: 8/21/2018 17:55:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000260

Re-Slope: 1.000000

A1 (Gain): 0.013662

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999883

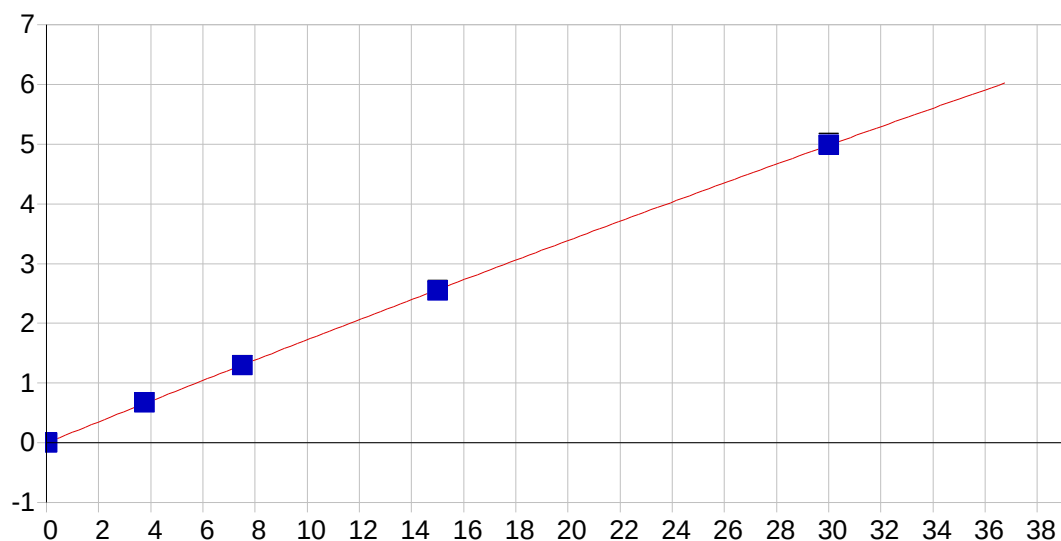
Status: OK.

Std Error of Est: 0.000092

Predicted MDL: 0.021524

Predicted MQL: 0.071746

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00026	.000	1
S1	.10000	.12457	.025	24.6	.00199	.000	1
S2	37.500	39.787	2.29	6.10	.54657	.001	1
S3	75.000	77.708	2.71	3.61	1.0674	.001	1
S4	150.00	152.13	2.13	1.42	2.0897	.008	1
S5	300.00	297.28	-2.72	-.907	4.0837	.018	1
S6	800.00	795.56	-4.44	-.555	10.919	.040	1

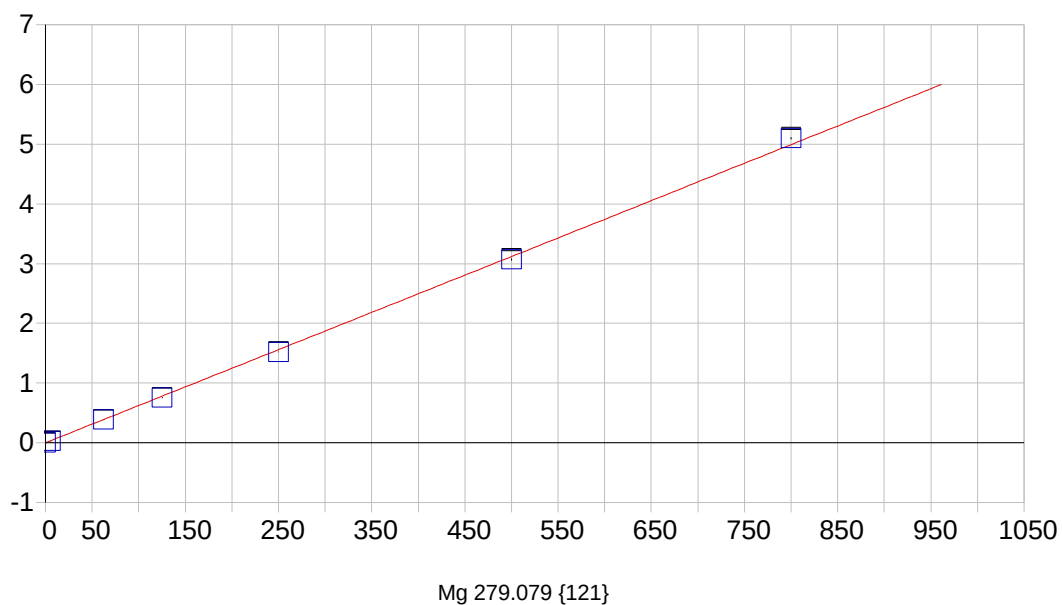


Mn 257.610 {131}

Date of Fit: 8/21/2018 17:55:08 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000122 Re-Slope: 1.000000
 A1 (Gain): 0.175672 Y-int: 0.000000
 A2 (Curvature): -0.000322
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.001459
 Predicted MQL: 0.004865

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00012	.000	1
S1	.01500	.01643	.001	9.51	.00301	.000	1
S2	3.7500	3.8271	.077	2.06	.66788	.000	1
S3	7.5000	7.4917	-.008	-.110	1.2985	.002	1
S4	15.000	14.869	-.131	-.874	2.5417	.011	1
S5	30.000	30.061	.061	.204	4.9916	.025	1



Date of Fit: 8/21/2018 17:55:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000241

Re-Slope: 1.000000

A1 (Gain): 0.006238

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999776

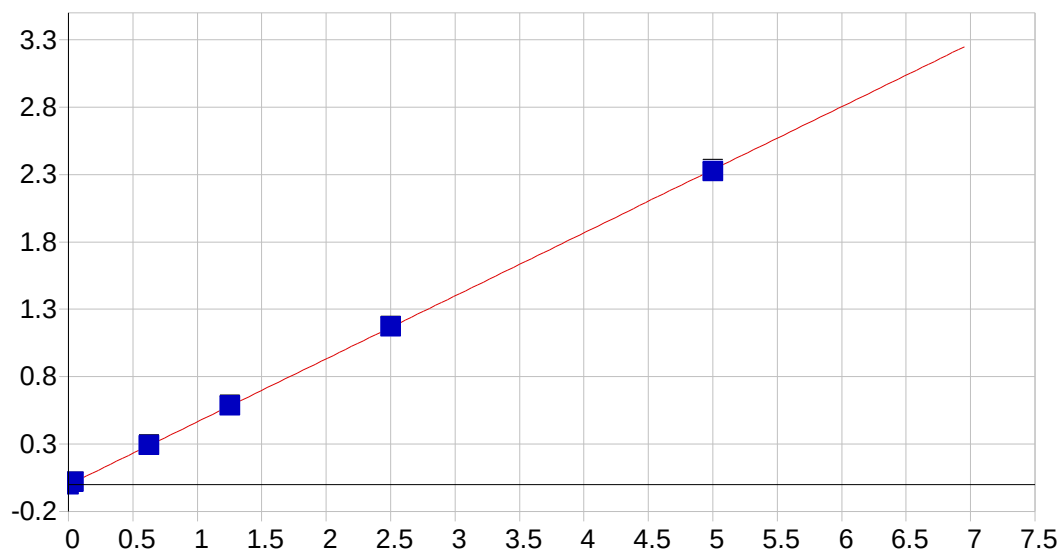
Status: OK.

Std Error of Est: 0.000461

Predicted MDL: 0.059472

Predicted MQL: 0.198241

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	-.00024	.000	1
S1	5.0000	5.1010	.101	2.02	.03158	.000	1
S2	62.500	61.608	-.892	-1.43	.38409	.000	1
S3	125.00	121.55	-3.45	-2.76	.75801	.001	1
S4	250.00	243.76	-6.24	-2.49	1.5204	.004	1
S5	500.00	492.51	-7.49	-1.50	3.0722	.017	1
S6	800.00	817.97	18.0	2.25	5.1026	.019	1

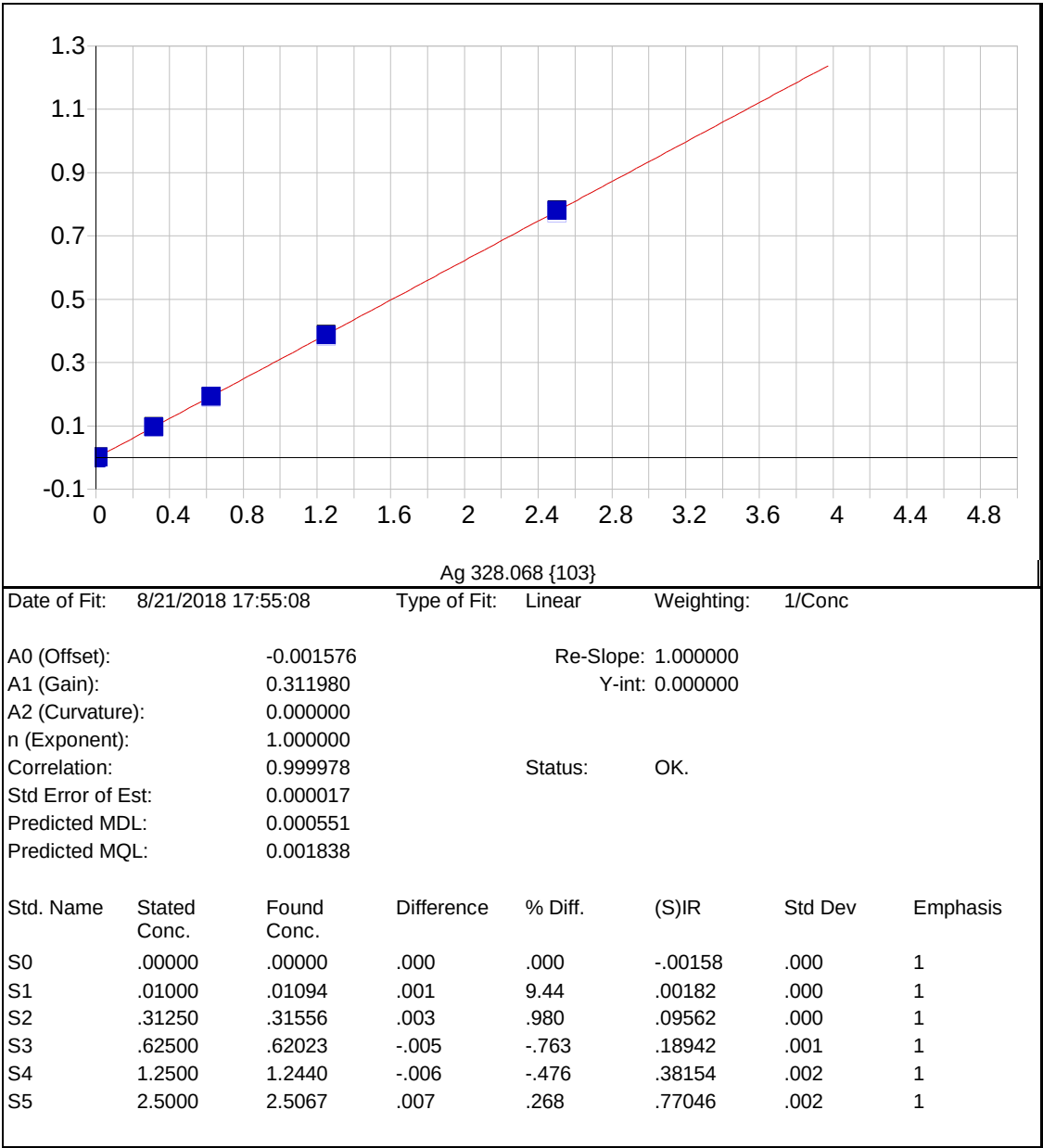


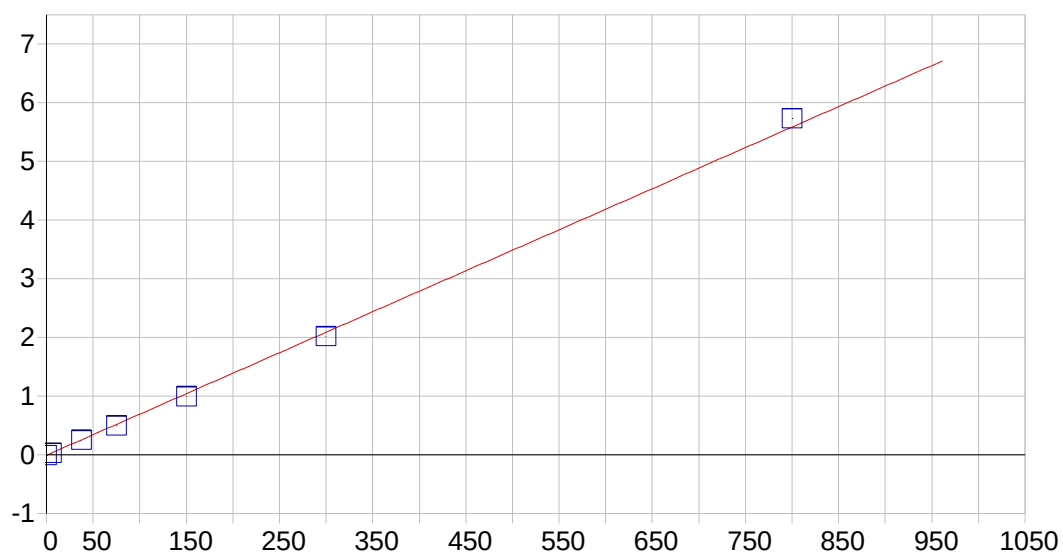
Ni 231.604 {446}

Date of Fit: 8/21/2018 17:55:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001928 Re-Slope: 1.000000
 A1 (Gain): 0.467480 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000067
 Predicted MDL: 0.000567
 Predicted MQL: 0.001889

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00193	.000	1
S1	.04000	.04230	.002	5.75	.01786	.000	1
S2	.62500	.63127	.006	1.00	.29378	.002	1
S3	1.2500	1.2557	.006	.456	.58629	.003	1
S4	2.5000	2.5076	.008	.302	1.1727	.003	1
S5	5.0000	4.9782	-.022	-.437	2.3301	.009	1





Na 818.326 { 41}

Date of Fit: 8/21/2018 17:55:08

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006181

Re-Slope: 1.000000

A1 (Gain): 0.006990

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999494

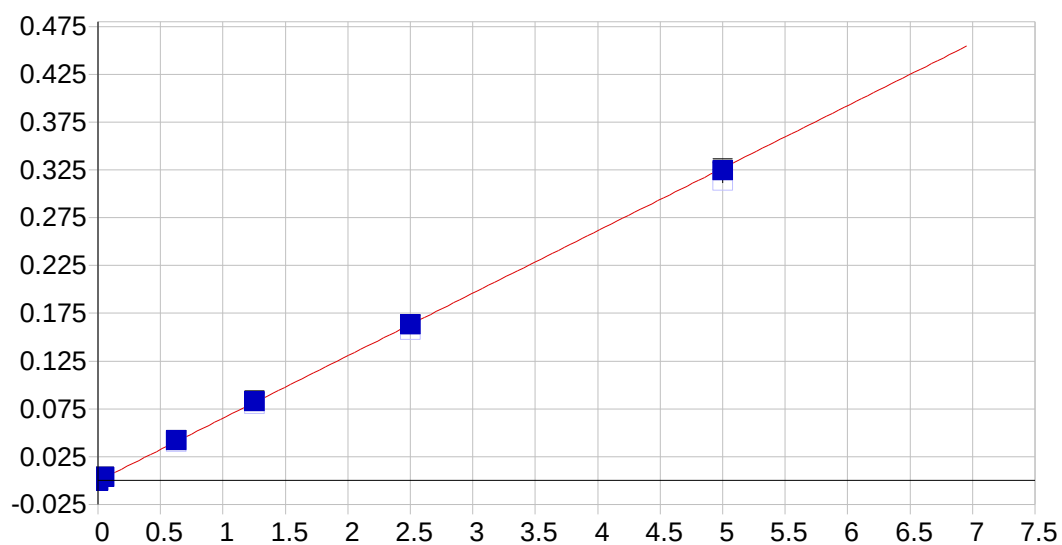
Status: OK.

Std Error of Est: 0.000687

Predicted MDL: 0.356077

Predicted MQL: 1.186922

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00054	.001	.000	-.00618	.002	1
S1	5.0000	5.0697	.070	1.39	.02925	.002	1
S2	37.500	36.436	-1.06	-2.84	.24849	.005	1
S3	75.000	71.900	-3.10	-4.13	.49637	.002	1
S4	150.00	143.39	-6.61	-4.41	.99603	.003	1
S5	300.00	289.48	-10.5	-3.51	2.0171	.006	1
S6	800.00	821.23	21.2	2.65	5.7339	.003	1

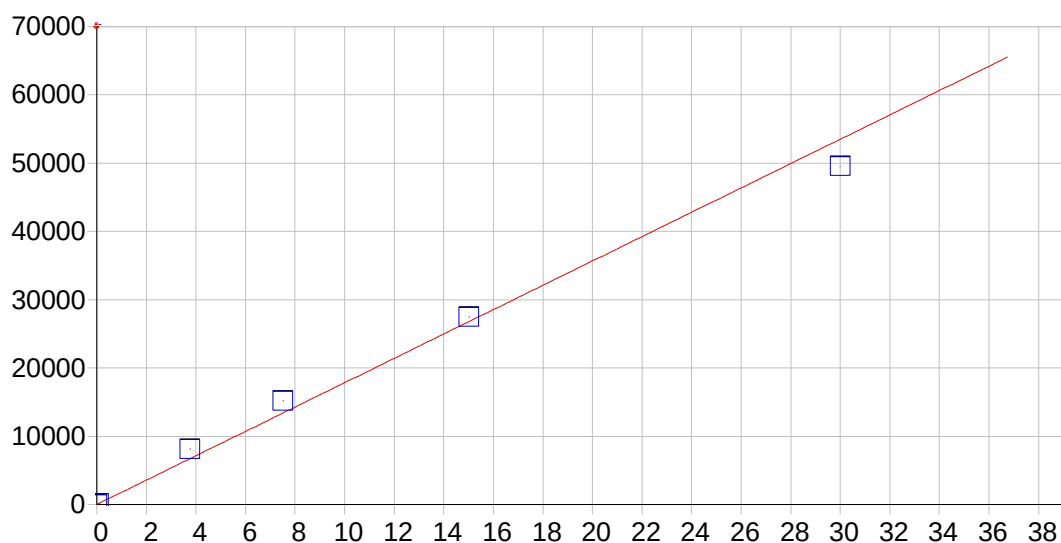


V 292.402 {115}

Date of Fit: 8/21/2018 17:55:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000227 Re-Slope: 1.000000
 A1 (Gain): 0.065410 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.006789
 Predicted MQL: 0.022630

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00023	.000	1
S1	.05000	.05687	.007	13.7	.00349	.000	1
S2	.62500	.64373	.019	3.00	.04053	.001	1
S3	1.2500	1.2686	.019	1.49	.08005	.001	1
S4	2.5000	2.4950	-.005	-.201	.15757	.000	1
S5	5.0000	4.9606	-.039	-.787	.31346	.002	1

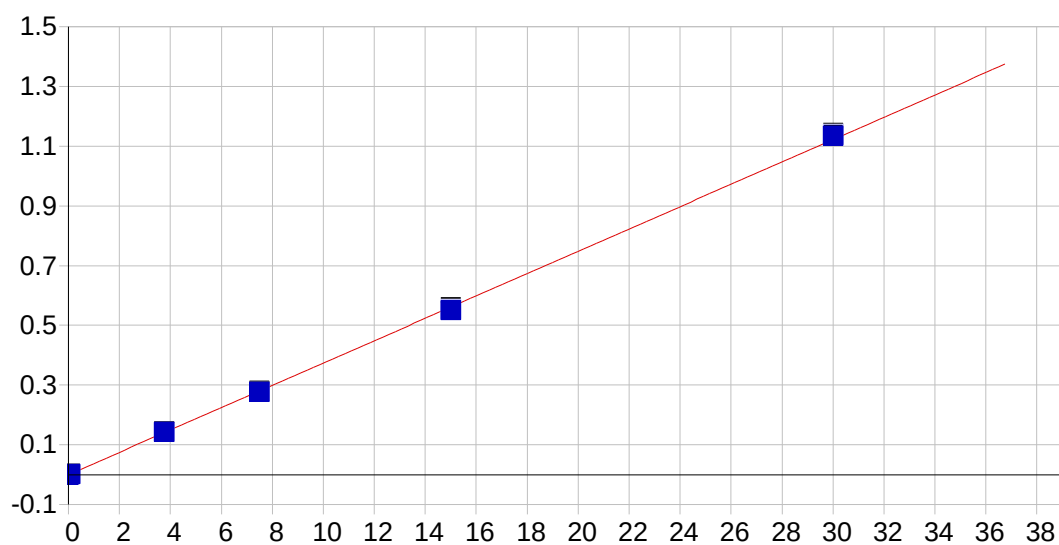


Zn 206.200 {464}

Date of Fit: 8/21/2018 17:55:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 8.682055 Re-Slope: 1.000000
 A1 (Gain): 1783.566246 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.995744 Status: OK.
 Std Error of Est: 11.745595
 Predicted MDL: 0.000354
 Predicted MQL: 0.001179

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	.000	.000	8.6189	.600	1
S1	.06000	.07751	.018	29.2	146.93	.237	1
S2	3.7500	4.5471	.797	21.3	8118.8	15.8	1
S3	7.5000	8.4982	.998	13.3	15166.	13.0	1
S4	15.000	15.405	.405	2.70	27485.	27.9	1
S5	30.000	27.782	-2.22	-7.39	49560.	15.4	1

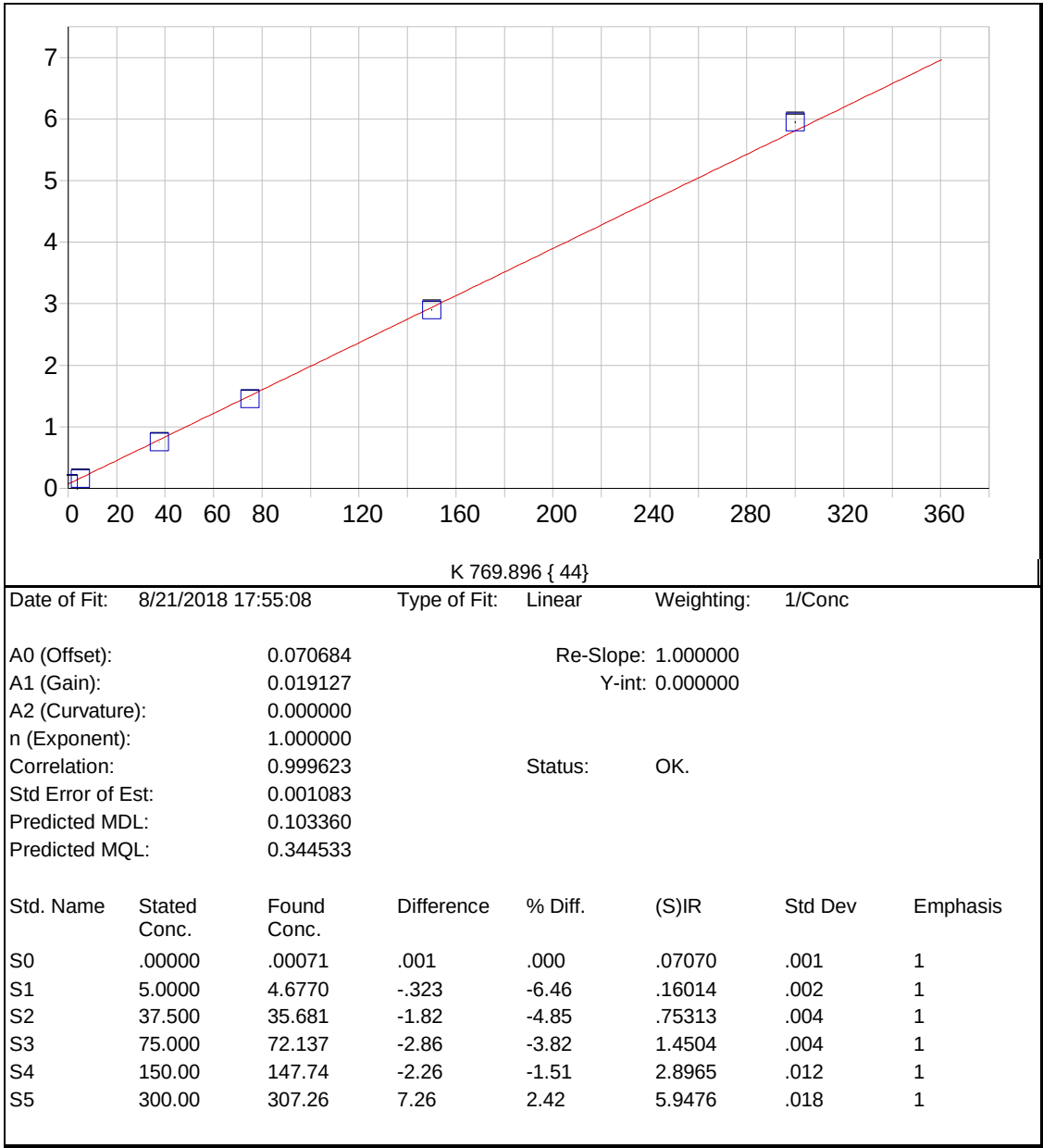


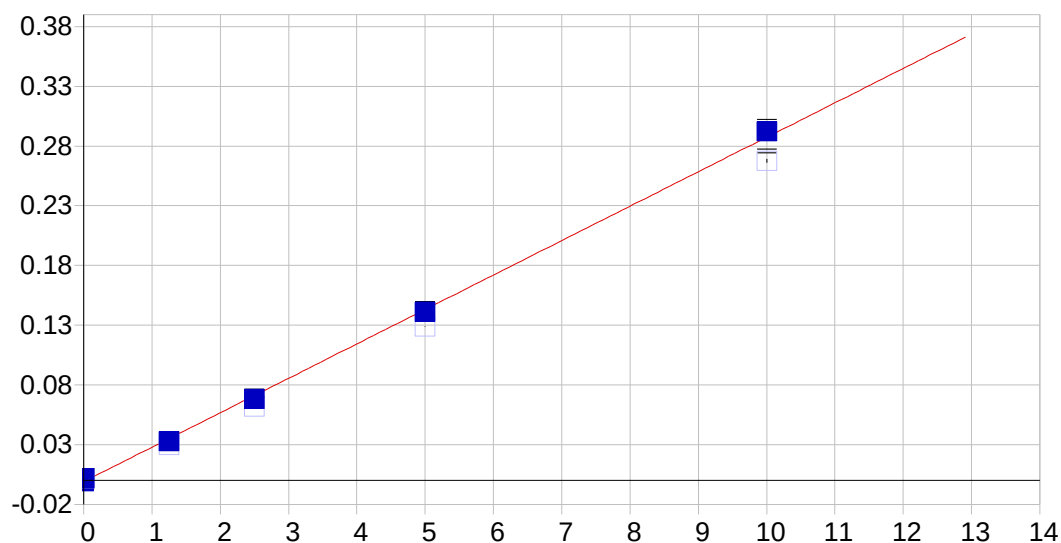
Zn 213.856 {158}

Date of Fit: 8/21/2018 17:55:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000294 Re-Slope: 1.000000
 A1 (Gain): 0.037403 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999906 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.013382
 Predicted MQL: 0.044607

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00029	.000	1
S1	.06000	.05985	.000	-.246	.00195	.001	1
S2	3.7500	3.8017	.052	1.38	.14256	.001	1
S3	7.5000	7.3829	-.117	-1.56	.27717	.003	1
S4	15.000	14.738	-.262	-1.75	.55358	.006	1
S5	30.000	30.328	.328	1.09	1.1393	.004	1



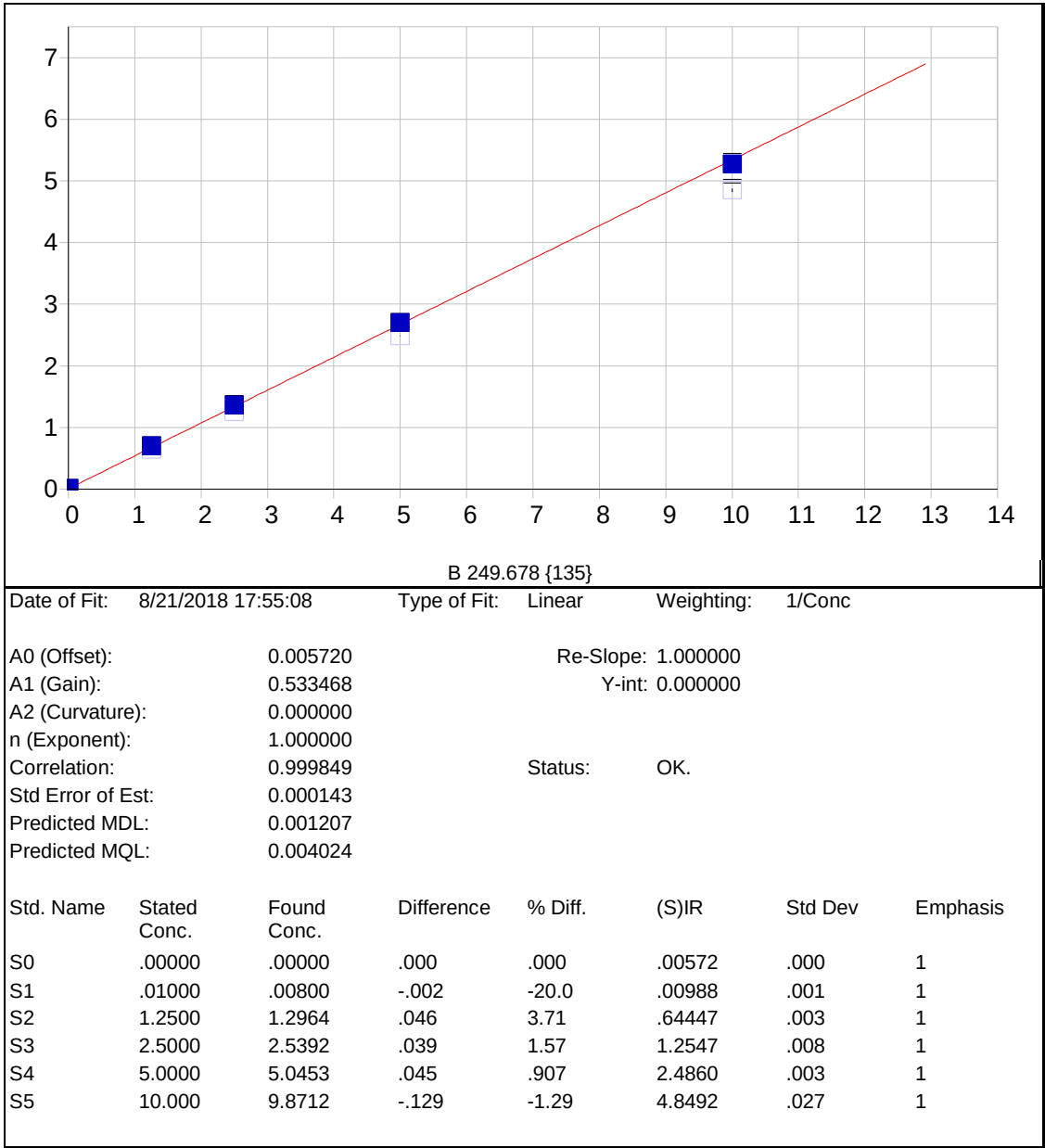


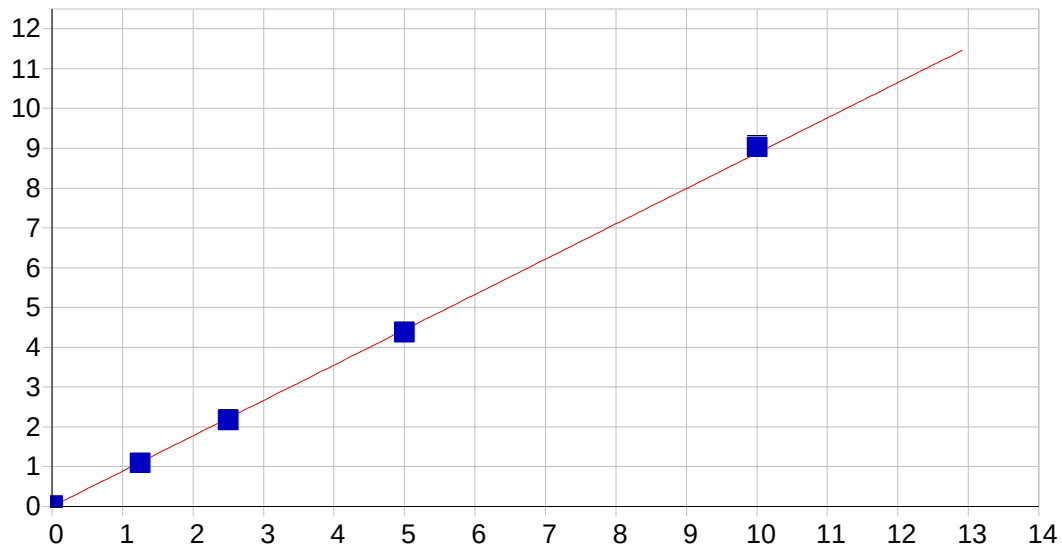
P 177.495 {490}

Date of Fit: 8/21/2018 17:55:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000883 Re-Slope: 1.000000
 A1 (Gain): 0.028821 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.982303 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 0.003599
 Predicted MQL: 0.011997

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	.000	.000	-.00088	.000	1
S1	.01000	.08450	.074	745.	.00153	.000	1
S2	1.2500	1.1657	-.084	-6.75	.02961	.000	1
S3	2.5000	2.3955	-.104	-4.18	.06194	.000	1
S4	5.0000	4.9360	-.064	-1.28	.12895	.000	1
S5	10.000	10.177	.177	1.77	.26756	.001	1



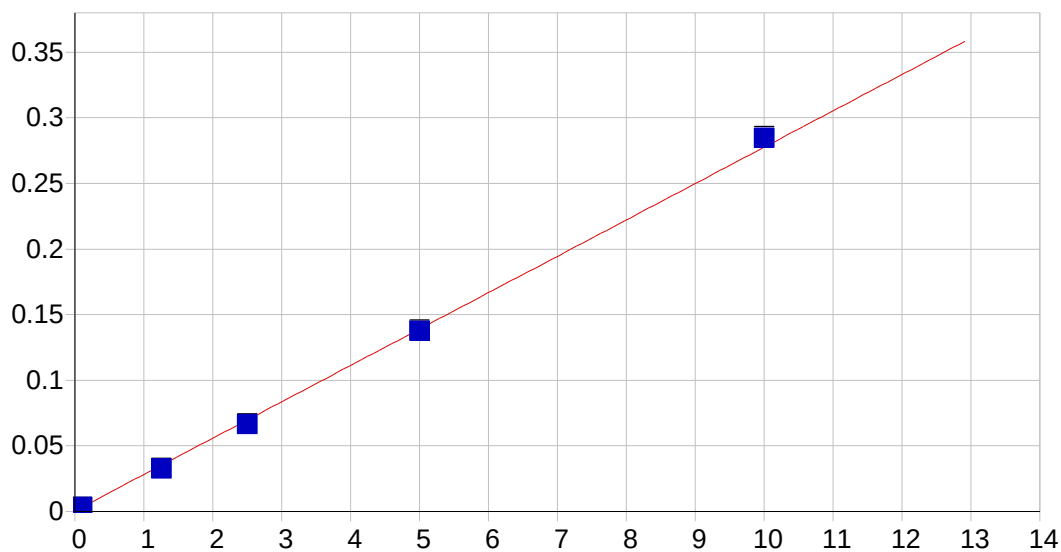


Mo 202.030 {467}

Date of Fit: 8/21/2018 17:55:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001030 Re-Slope: 1.000000
 A1 (Gain): 0.887458 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826 Status: OK.
 Std Error of Est: 0.000278
 Predicted MDL: 0.000320
 Predicted MQL: 0.001066

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00103	.000	1
S1	.01000	.00985	.000	-1.53	.00976	.000	1
S2	1.2500	1.2197	-.030	-2.43	1.0834	.004	1
S3	2.5000	2.4397	-.060	-2.41	2.1660	.006	1
S4	5.0000	4.9179	-.082	-1.64	4.3653	.014	1
S5	10.000	10.173	.173	1.73	9.0286	.041	1

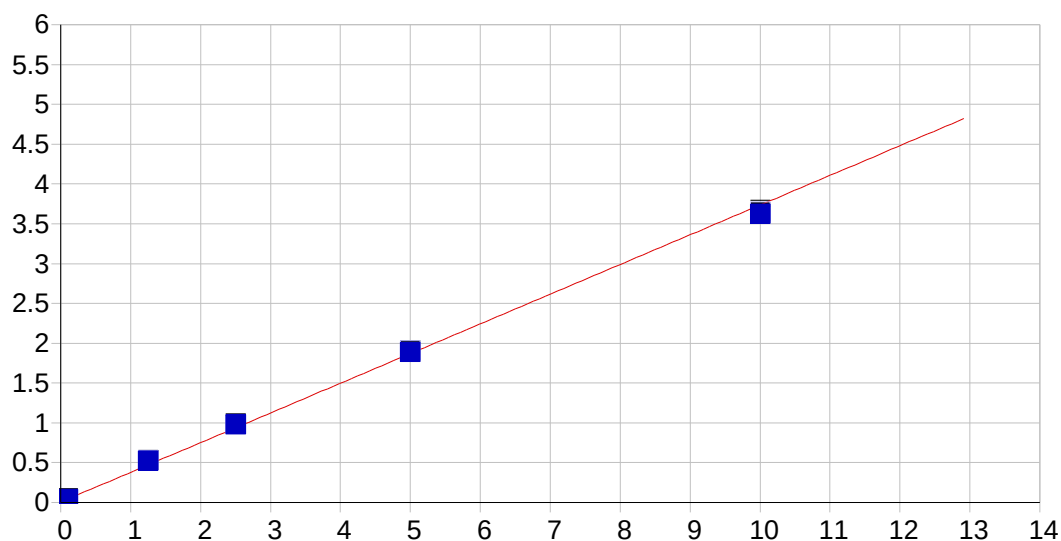


S 182.034 {485}

Date of Fit: 8/21/2018 17:55:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000455 Re-Slope: 1.000000
 A1 (Gain): 0.027714 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999506 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.004876
 Predicted MQL: 0.016252

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00046	.000	1
S1	.10000	.09731	-.003	-2.69	.00315	.000	1
S2	1.2500	1.1665	-.084	-6.68	.03279	.000	1
S3	2.5000	2.3782	-.122	-4.87	.06639	.000	1
S4	5.0000	4.9516	-.048	-.968	.13773	.001	1
S5	10.000	10.256	.256	2.56	.28480	.001	1

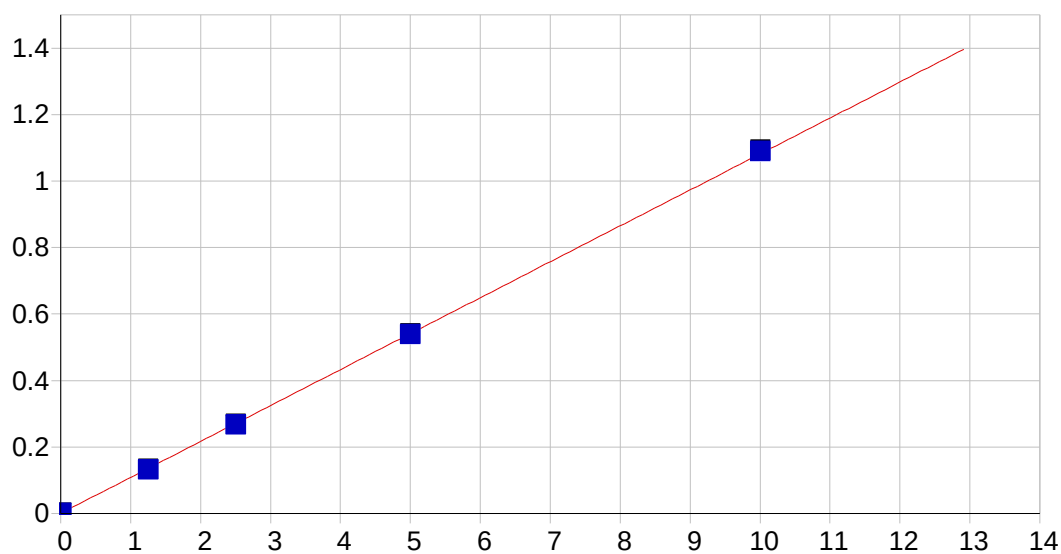


Si 251.611 {134}

Date of Fit: 8/21/2018 17:55:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005670 Re-Slope: 1.000000
 A1 (Gain): 0.372910 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999198 Status: OK.
 Std Error of Est: 0.000800
 Predicted MDL: 0.001537
 Predicted MQL: 0.005123

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00566	.000	1
S1	.10000	.10422	.004	4.22	.04466	.000	1
S2	1.2500	1.3914	.141	11.3	.52834	.001	1
S3	2.5000	2.6074	.107	4.30	.98565	.009	1
S4	5.0000	5.0535	.054	1.07	1.9055	.004	1
S5	10.000	9.6935	-.307	-3.07	3.6510	.022	1

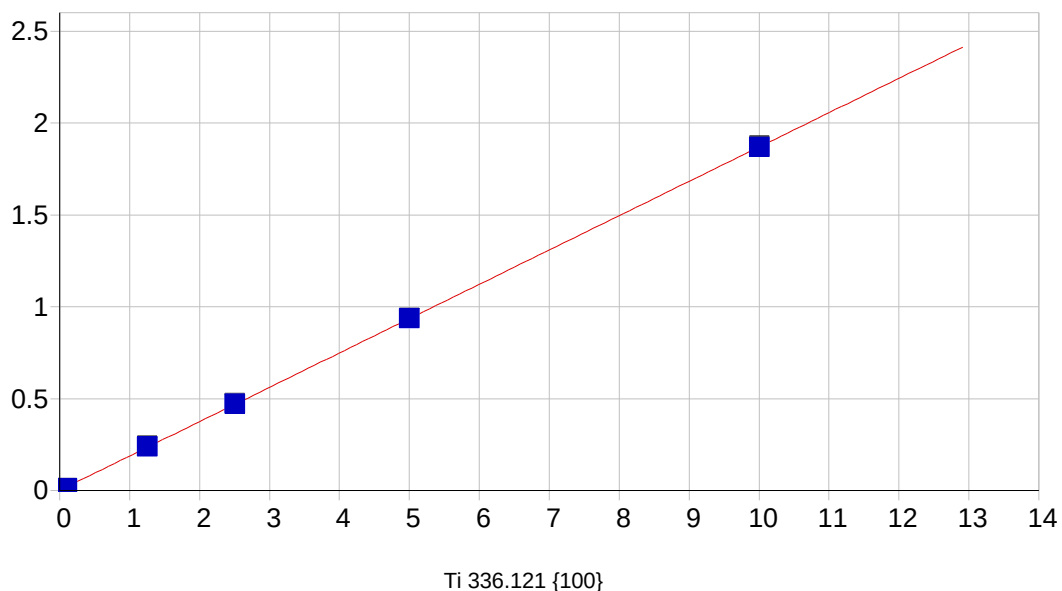


Sn 189.989 {478}

Date of Fit: 8/21/2018 17:55:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000474 Re-Slope: 1.000000
 A1 (Gain): 0.108108 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999945 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.001249
 Predicted MQL: 0.004164

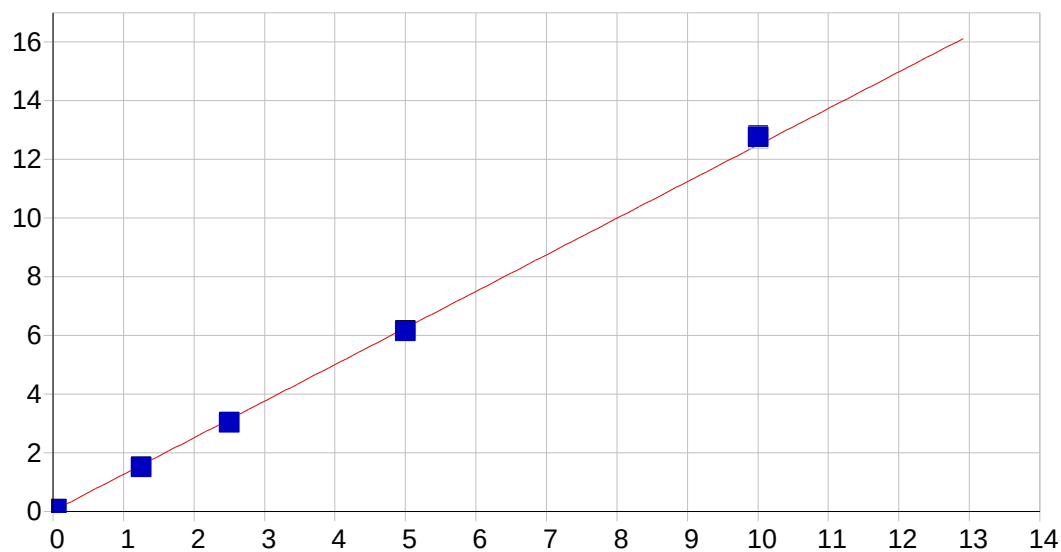
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00047	.000	1
S1	.00700	.00630	-.001	-9.93	.00113	.000	1
S2	1.2500	1.2180	-.032	-2.56	.13185	.001	1
S3	2.5000	2.4666	-.033	-1.34	.26653	.002	1
S4	5.0000	4.9849	-.015	-.303	.53818	.002	1
S5	10.000	10.081	.081	.813	1.0880	.004	1



Date of Fit: 8/21/2018 17:55:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001112 Re-Slope: 1.000000
 A1 (Gain): 0.186800 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999346 Status: OK.
 Std Error of Est: 0.000359
 Predicted MDL: 0.003297
 Predicted MQL: 0.010991

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00005	.000	.000	.00112	.000	1
S1	.10000	.05108	-.049	-48.9	.01065	.001	1
S2	1.2500	1.2760	.026	2.08	.23938	.002	1
S3	2.5000	2.5201	.020	.803	.47169	.003	1
S4	5.0000	5.0051	.005	.102	.93572	.001	1
S5	10.000	9.9977	-.002	-.023	1.8680	.007	1

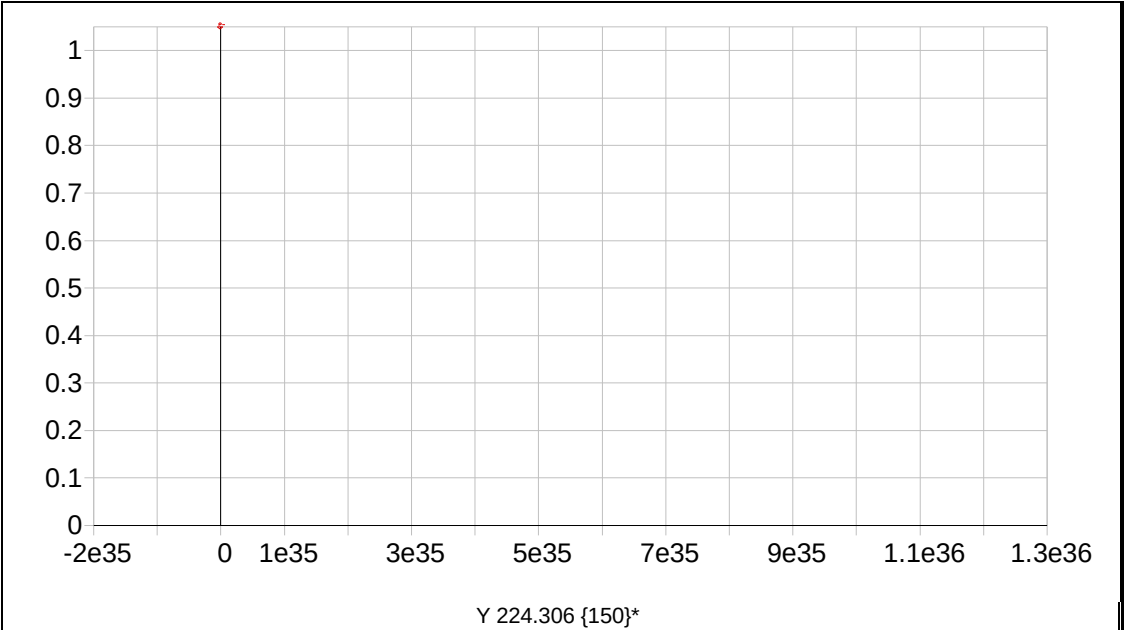


Li 670.784 { 50}

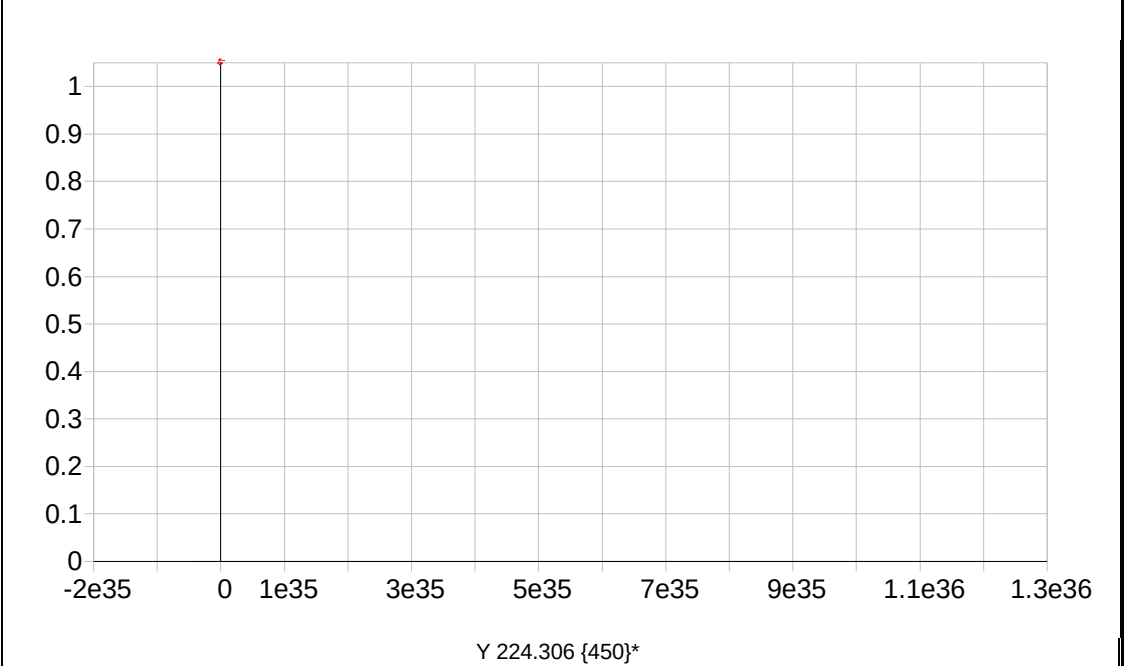
Date of Fit: 8/21/2018 17:55:08 Type of Fit: Linear Weighting: 1/Conc

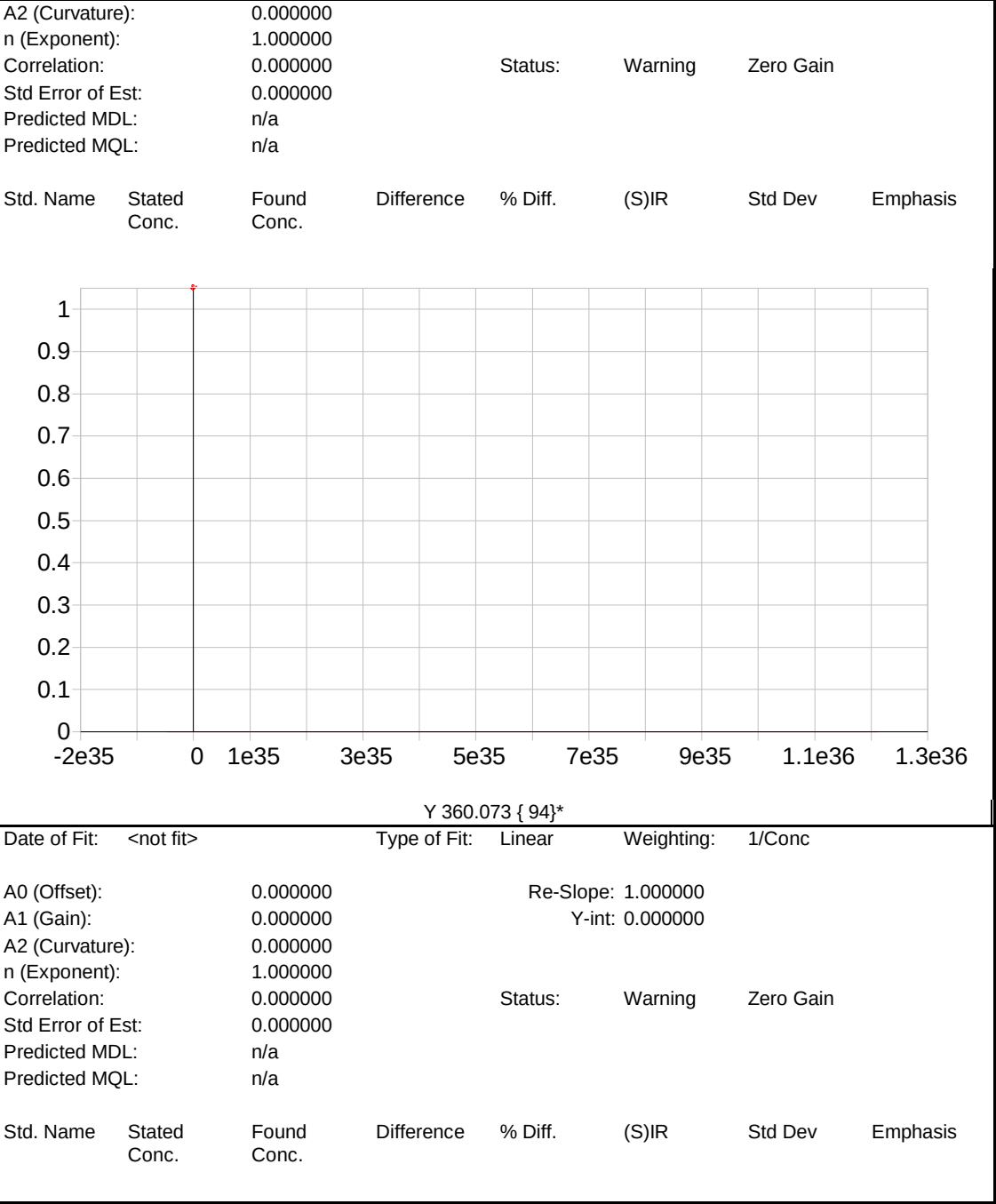
A0 (Offset): 0.020290 Re-Slope: 1.000000
 A1 (Gain): 1.247101 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999688 Status: OK.
 Std Error of Est: 0.001163
 Predicted MDL: 0.002100
 Predicted MQL: 0.007001

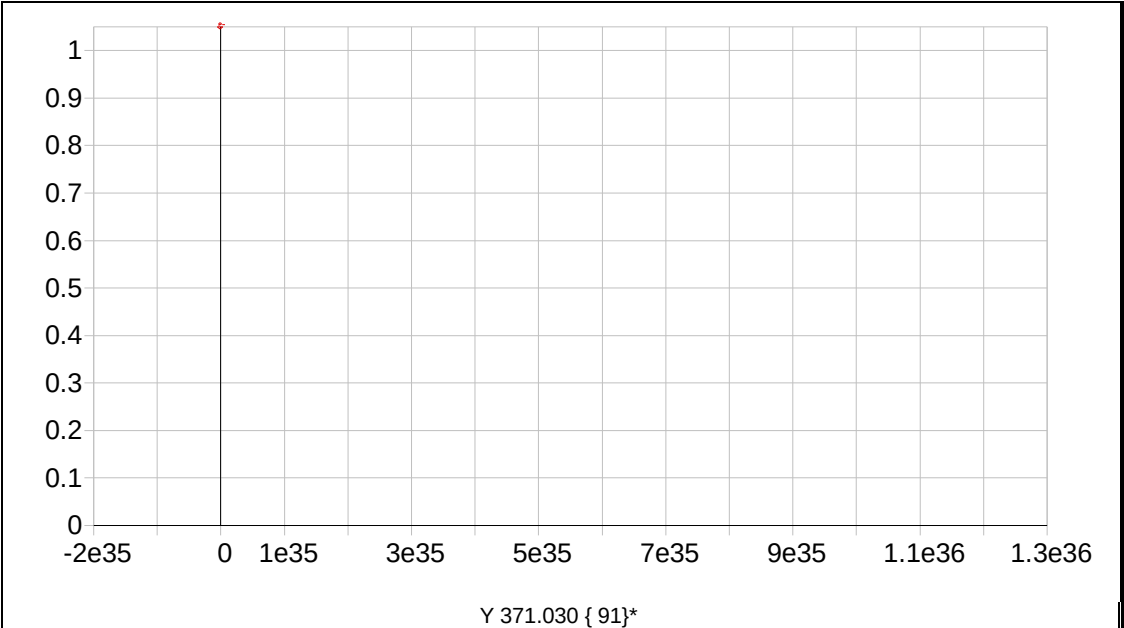
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.02030	.001	1
S5	10.000	10.219	.219	2.19	12.695	.046	1
S4	5.0000	4.9243	-.076	-1.51	6.1264	.018	1
S3	2.5000	2.4151	-.085	-3.40	3.0146	.010	1
S2	1.2500	1.1959	-.054	-4.33	1.5030	.002	1
S1	.05000	.04536	-.005	-9.27	.07674	.003	1



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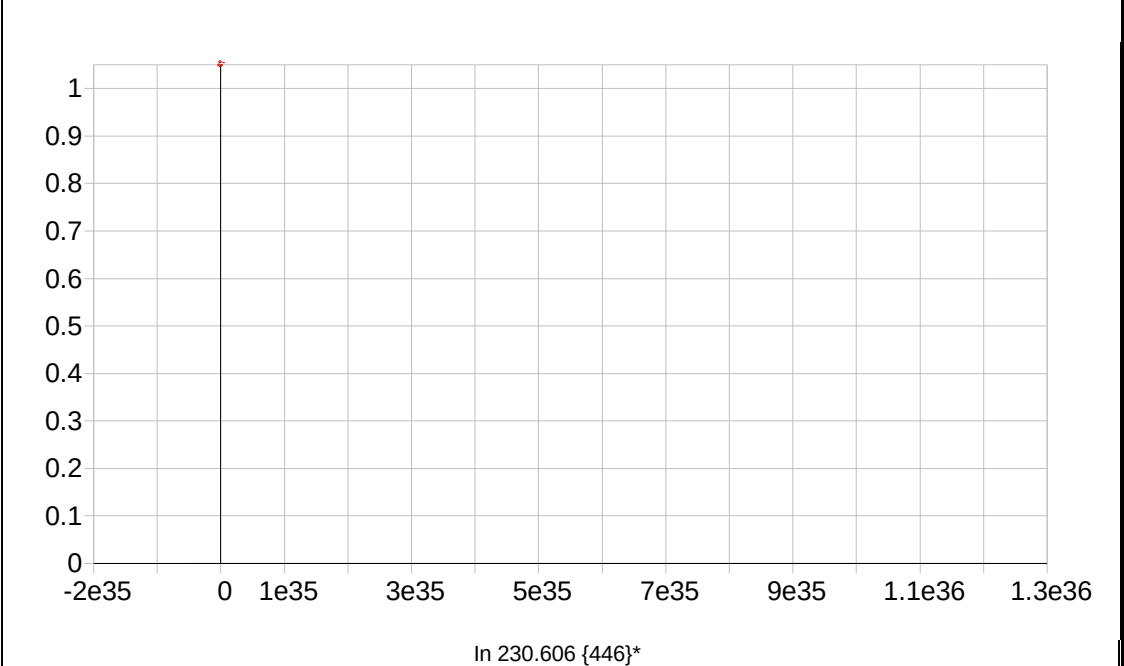




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

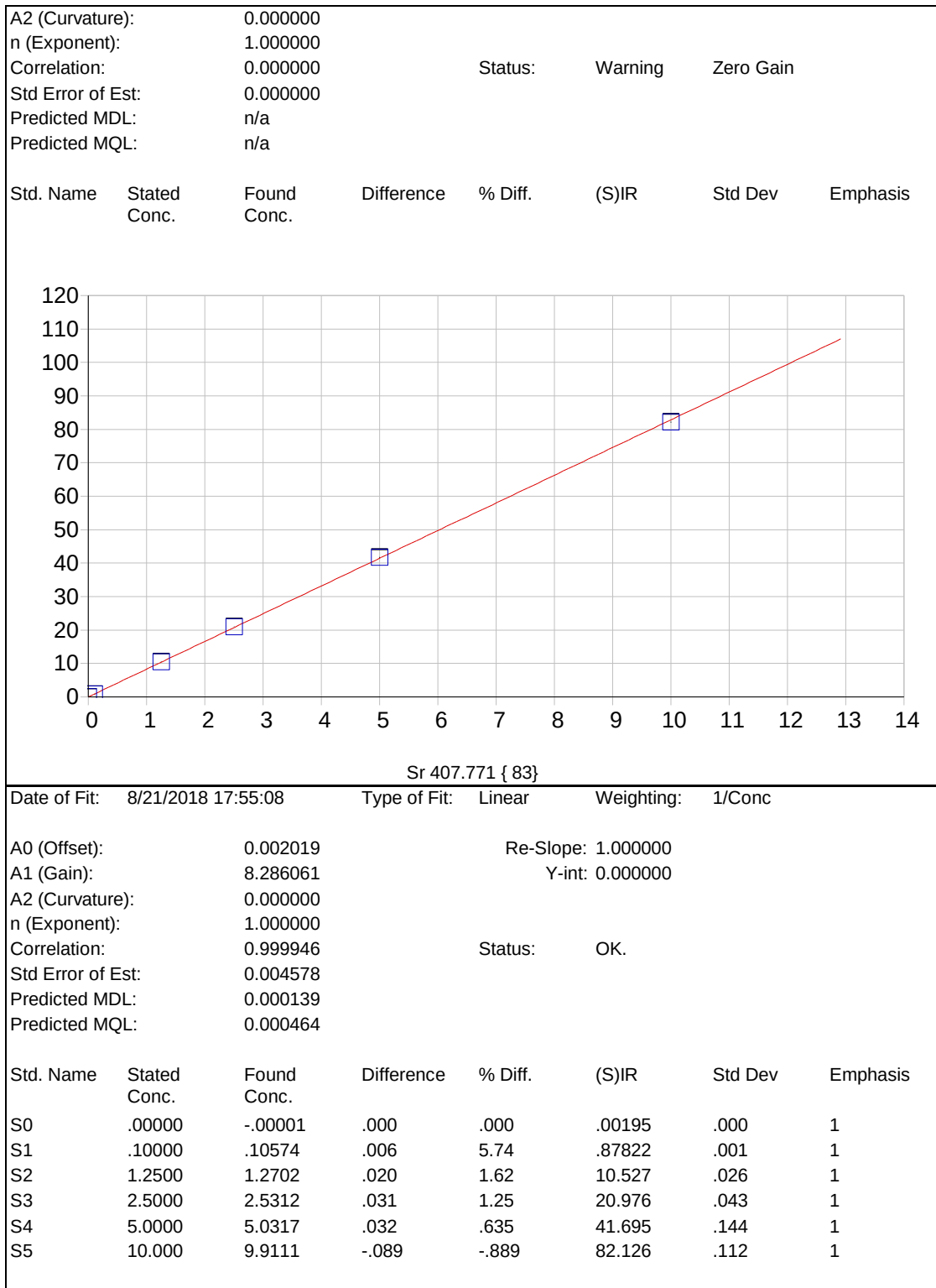
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000



Sample Name: S0 Acquired: 8/21/2018 12:55:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00034	-.00062	.00015	.00074	.00055	.00399	.01194	-.00302
Stddev	.00016	.00010	.00020	.00008	.00006	.00038	.00226	.00025
%RSD	47.081	15.401	133.16	10.978	10.313	9.4400	18.890	8.1215

#1	-.00019	-.00053	-.00001	.00083	.00057	.00412	.01354	-.00328
#2	-.00051	-.00072	.00009	.00071	.00049	.00428	.00936	-.00299
#3	-.00031	-.00061	.00038	.00068	.00060	.00356	.01291	-.00279

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	.00132	.00185	-.00002	-.00013	.00115	.00026	.00012	-.00024
Stddev	.00037	.00023	.00003	.00023	.00030	.00017	.00020	.00049
%RSD	28.151	12.264	154.84	172.65	26.013	66.751	161.40	204.71

#1	.00089	.00197	.00000	.00004	.00142	.00041	-.00009	-.00027
#2	.00154	.00200	.00000	-.00005	.00083	.00030	.00029	.00027
#3	.00153	.00159	-.00006	-.00039	.00122	.00007	.00017	-.00072

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	-.00193	-.00158	-.00618	-.00023	-.00029	.07070	-.00088	.00572
Stddev	.00008	.00015	.00202	.00022	.00033	.00150	.00007	.00035
%RSD	4.2309	9.3587	32.675	95.662	110.72	2.1212	8.4777	6.0548

#1	-.00193	-.00166	-.00660	-.00020	-.00048	.06897	-.00092	.00603
#2	-.00201	-.00141	-.00795	-.00003	-.00048	.07142	-.00093	.00578
#3	-.00185	-.00166	-.00398	-.00046	.00008	.07170	-.00080	.00535

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	.00103	.00046	.00566	.00047	.00112	.02030	.00195	
Stddev	.00012	.00006	.00032	.00012	.00023	.00138	.00047	
%RSD	11.966	13.163	5.6299	25.368	20.148	6.7828	23.988	

#1	.00105	.00048	.00573	.00046	.00095	.02024	.00240	
#2	.00115	.00039	.00595	.00060	.00138	.02171	.00198	
#3	.00090	.00050	.00532	.00036	.00103	.01896	.00147	

Sample Name: S0 Acquired: 8/21/2018 12:55:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	1712.6	2281.9	40530.	4907.5	3307.0
Stddev	16.9	4.1	167.	13.7	8.2
%RSD	.98430	.17892	.41299	.27870	.24673
#1	1696.3	2284.0	40361.	4909.7	3311.9
#2	1730.0	2284.6	40695.	4892.9	3311.4
#3	1711.5	2277.2	40534.	4920.0	3297.6

Sample Name: S1 Acquired: 8/21/2018 12:59:53 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	.00011	.00065	.00181	.00374	.00941	.01747	.72036	.03754
Stddev	.00002	.00023	.00042	.00010	.00010	.00079	.00373	.00005
%RSD	21.240	35.764	23.156	2.7980	1.0626	4.4957	.51780	.14528

#1	.00010	.00041	.00133	.00385	.00933	.01757	.72092	.03748
#2	.00010	.00087	.00210	.00373	.00938	.01821	.72377	.03758
#3	.00014	.00068	.00201	.00364	.00952	.01664	.71638	.03757

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	.01638	.19458	.00169	.04093	.00391	.00199	.00301	.03158
Stddev	.00024	.00119	.00004	.00008	.00026	.00033	.00016	.00031
%RSD	1.4442	.61243	2.4780	.19478	6.7747	16.768	5.1740	.98923

#1	.01664	.19567	.00166	.04102	.00375	.00181	.00310	.03185
#2	.01634	.19475	.00167	.04088	.00421	.00238	.00283	.03165
#3	.01617	.19331	.00174	.04088	.00376	.00179	.00309	.03124

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	.01786	.00182	.02925	.00349	.00195	.16014	.00153	.00988
Stddev	.00013	.00005	.00171	.00035	.00069	.00194	.00002	.00069
%RSD	.73991	2.7760	5.8498	10.078	35.087	1.2092	1.2970	6.9687

#1	.01801	.00176	.02952	.00336	.00238	.15814	.00156	.01066
#2	.01778	.00183	.02742	.00388	.00232	.16200	.00153	.00959
#3	.01778	.00186	.03081	.00322	.00116	.16028	.00152	.00938

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00976	.00315	.04466	.00113	.01065	.07674	.87822	
Stddev	.00040	.00022	.00032	.00007	.00070	.00273	.00138	
%RSD	4.1214	7.0330	.70684	6.4128	6.5573	3.5597	.15765	

#1	.01015	.00310	.04487	.00121	.01101	.07394	.87780	
#2	.00935	.00339	.04482	.00108	.01109	.07939	.87976	
#3	.00980	.00296	.04430	.00109	.00984	.07688	.87709	

Sample Name: S1 Acquired: 8/21/2018 12:59:53 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	1743.1	2278.9	41256.	4980.7	3323.9
Stddev	11.4	7.8	202.	5.8	12.4
%RSD	.65677	.34321	.48909	.11678	.37355
#1	1730.6	2283.6	41262.	4978.6	3332.9
#2	1753.0	2283.3	41454.	4987.2	3329.1
#3	1745.9	2269.9	41051.	4976.2	3309.7

Sample Name: S2 Acquired: 8/21/2018 13:04:15 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	.04098	.06157	1.1248	.09729	.17819	2.3869	8.5530	.91678
Stddev	.00039	.00019	.0038	.00036	.00025	.0128	.0195	.00531
%RSD	.95289	.31341	.34169	.36893	.13977	.53735	.22755	.57877

#1	.04111	.06142	1.1234	.09710	.17793	2.3958	8.5699	.91611
#2	.04054	.06149	1.1219	.09707	.17821	2.3722	8.5317	.91184
#3	.04128	.06179	1.1292	.09770	.17843	2.3927	8.5573	.92239

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	1.8015	2.3962	.58419	.49954	.33980	.54657	.66788	.38409
Stddev	.0079	.0054	.00096	.00255	.00127	.00145	.00031	.00027
%RSD	.43692	.22519	.16390	.51030	.37405	.26487	.04641	.07148

#1	1.7980	2.3934	.58355	.50030	.34061	.54698	.66768	.38377
#2	1.7960	2.3928	.58373	.49669	.33833	.54777	.66824	.38420
#3	1.8105	2.4024	.58529	.50162	.34045	.54497	.66772	.38429

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	.29378	.09562	.24849	.04053	.14256	.75313	.02961	.64447
Stddev	.00201	.00035	.00455	.00055	.00095	.00415	.00024	.00296
%RSD	.68503	.36469	1.8329	1.3504	.66773	.55097	.82028	.45971

#1	.29313	.09599	.25043	.04052	.14149	.75743	.02933	.64610
#2	.29217	.09557	.24328	.04108	.14286	.74915	.02971	.64105
#3	.29603	.09530	.25175	.03999	.14332	.75281	.02978	.64626

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	1.0834	.03279	.52834	.13185	.23938	1.5030	10.527	
Stddev	.0040	.00025	.00138	.00120	.00236	.0018	.026	
%RSD	.36915	.76652	.26051	.90780	.98720	.12113	.25049	

#1	1.0809	.03275	.52677	.13140	.24051	1.5044	10.551	
#2	1.0813	.03257	.52890	.13094	.23666	1.5009	10.498	
#3	1.0880	.03306	.52935	.13321	.24097	1.5036	10.532	

Sample Name: S2 Acquired: 8/21/2018 13:04:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	1650.5	2183.7	39850.	4910.3	3123.1
Stddev	6.2	3.0	50.	18.1	7.5
%RSD	.37723	.13683	.12582	.36941	.24001
#1	1646.7	2184.7	39896.	4894.9	3126.9
#2	1647.2	2186.1	39857.	4930.3	3127.9
#3	1657.7	2180.4	39797.	4905.7	3114.4

Sample Name: S3 Acquired: 8/21/2018 13:08:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	.08264	.12370	2.2509	.19190	.35395	4.7634	16.924	1.7658
Stddev	.00033	.00026	.0116	.00065	.00158	.0147	.079	.0171
%RSD	.39811	.21308	.51328	.33779	.44589	.30908	.46665	.97061

#1	.08255	.12339	2.2461	.19160	.35363	4.7798	17.012	1.7475
#2	.08236	.12384	2.2425	.19145	.35255	4.7515	16.858	1.7815
#3	.08300	.12386	2.2641	.19264	.35566	4.7588	16.902	1.7684

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.5705	4.6685	1.1504	1.0004	.66595	1.0674	1.2985	.75801
Stddev	.0171	.0033	.0033	.0042	.00175	.0008	.0016	.00077
%RSD	.47842	.07142	.28906	.41728	.26334	.07460	.12120	.10182

#1	3.5576	4.6713	1.1535	.99769	.66733	1.0665	1.2966	.75853
#2	3.5640	4.6648	1.1469	.99839	.66398	1.0679	1.2993	.75838
#3	3.5899	4.6693	1.1508	1.0052	.66655	1.0678	1.2994	.75713

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	.58629	.18942	.49637	.08005	.27717	1.4504	.06194	1.2547
Stddev	.00298	.00099	.00234	.00077	.00281	.0044	.00021	.0085
%RSD	.50849	.52266	.47193	.96418	1.0135	.30424	.34693	.67580

#1	.58344	.18993	.49545	.08086	.27942	1.4464	.06180	1.2469
#2	.58603	.19006	.49903	.07999	.27402	1.4497	.06184	1.2637
#3	.58939	.18828	.49463	.07931	.27806	1.4551	.06219	1.2534

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.1660	.06639	.98565	.26653	.47169	3.0146	20.976	
Stddev	.0056	.00034	.00862	.00204	.00266	.0103	.043	
%RSD	.25785	.51892	.87494	.76597	.56492	.34287	.20524	

#1	2.1617	.06624	.97649	.26536	.47352	3.0242	20.930	
#2	2.1641	.06614	.99361	.26535	.46863	3.0036	20.981	
#3	2.1723	.06678	.98685	.26889	.47291	3.0160	21.016	

Sample Name: S3 Acquired: 8/21/2018 13:08:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	1646.5	2115.4	39824.	4930.6	2992.8
Stddev	2.3	5.5	153.	12.0	9.9
%RSD	.14181	.25894	.38531	.24376	.33119
#1	1645.4	2117.2	39647.	4942.7	2998.7
#2	1649.1	2119.8	39915.	4918.7	2998.3
#3	1644.8	2109.3	39910.	4930.3	2981.3

Sample Name: S4 Acquired: 8/21/2018 13:12:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	.16907	.24453	4.5446	.37615	.71439	9.7022	33.829	3.4537
Stddev	.00069	.00078	.0150	.00217	.00271	.0212	.146	.0019
%RSD	.40841	.31997	.32977	.57599	.37879	.21861	.43251	.05611

#1	.16834	.24490	4.5330	.37457	.71128	9.7117	33.939	3.4539
#2	.16915	.24363	4.5392	.37525	.71568	9.6779	33.663	3.4517
#3	.16971	.24506	4.5615	.37862	.71622	9.7171	33.886	3.4555

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.0957	9.2460	2.2612	2.0093	1.3247	2.0897	2.5417	1.5204
Stddev	.0186	.0453	.0012	.0086	.0070	.0080	.0110	.0041
%RSD	.26225	.48948	.05133	.42857	.53185	.38335	.43140	.27047

#1	7.0969	9.2923	2.2605	2.0025	1.3300	2.0986	2.5537	1.5240
#2	7.0765	9.2018	2.2605	2.0063	1.3167	2.0831	2.5322	1.5159
#3	7.1136	9.2440	2.2625	2.0190	1.3274	2.0873	2.5391	1.5214

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1727	.38154	.99603	.15757	.55358	2.8965	.12895	2.4860
Stddev	.0029	.00178	.00332	.00047	.00611	.0120	.00022	.0033
%RSD	.25171	.46531	.33305	.29827	1.1039	.41321	.16729	.13172

#1	1.1707	.38236	.99413	.15746	.55176	2.9049	.12896	2.4854
#2	1.1713	.38276	.99410	.15717	.56040	2.8828	.12873	2.4830
#3	1.1761	.37950	.99986	.15809	.54859	2.9018	.12916	2.4895

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.3653	.13773	1.9055	.53818	.93572	6.1264	41.695	
Stddev	.0138	.00051	.0035	.00155	.00121	.0181	.144	
%RSD	.31572	.36955	.18575	.28868	.12888	.29491	.34433	

#1	4.3566	.13788	1.9056	.53846	.93593	6.1258	41.838	
#2	4.3581	.13716	1.9019	.53651	.93442	6.1086	41.551	
#3	4.3812	.13815	1.9090	.53958	.93680	6.1447	41.696	

Sample Name: S4 Acquired: 8/21/2018 13:12:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	1564.5	2004.0	38949.	4853.8	2817.8
Stddev	17.2	6.7	246.	23.2	6.1
%RSD	1.0981	.33648	.63165	.47796	.21725
#1	1564.0	2010.6	38794.	4829.4	2821.3
#2	1547.6	2004.4	38821.	4875.5	2821.4
#3	1581.9	1997.1	39233.	4856.4	2810.8

Sample Name: S5 Acquired: 8/21/2018 13:15:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	.35312	.47761	9.1443	.74728	1.4835	19.863	67.670	6.7649
Stddev	.00212	.00156	.0400	.00353	.0073	.056	.199	.0442
%RSD	.59944	.32694	.43694	.47188	.49306	.28167	.29400	.65395

#1	.35092	.47634	9.1231	.74496	1.4817	19.857	67.703	6.8152
#2	.35330	.47714	9.1193	.74555	1.4772	19.921	67.851	6.7474
#3	.35515	.47936	9.1903	.75134	1.4915	19.810	67.457	6.7320

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14.083	18.372	4.3994	4.0172	2.6525	4.0837	4.9916	3.0722
Stddev	.055	.068	.0080	.0197	.0087	.0182	.0255	.0174
%RSD	.39004	.37143	.18072	.49088	.32666	.44486	.51084	.56689

#1	14.062	18.440	4.3946	4.0076	2.6582	4.1043	5.0208	3.0914
#2	14.042	18.372	4.3951	4.0041	2.6567	4.0769	4.9803	3.0676
#3	14.146	18.303	4.4086	4.0399	2.6425	4.0699	4.9738	3.0575

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.3301	.77046	2.0171	.31346	1.1393	5.9476	.26756	4.8492
Stddev	.0094	.00232	.0060	.00199	.0036	.0182	.00147	.0275
%RSD	.40507	.30061	.29849	.63497	.31253	.30659	.54806	.56644

#1	2.3254	.77280	2.0202	.31512	1.1408	5.9638	.26711	4.8790
#2	2.3239	.77042	2.0210	.31401	1.1419	5.9511	.26636	4.8435
#3	2.3409	.76817	2.0102	.31125	1.1353	5.9278	.26919	4.8249

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	9.0286	.28480	3.6510	1.0880	1.8680	12.695	82.126	
Stddev	.0408	.00132	.0223	.0039	.0069	.046	.112	
%RSD	.45171	.46432	.61044	.35934	.37223	.36374	.13633	

#1	9.0049	.28365	3.6721	1.0856	1.8671	12.693	82.010	
#2	9.0053	.28451	3.6532	1.0858	1.8754	12.742	82.137	
#3	9.0757	.28624	3.6277	1.0925	1.8616	12.650	82.233	

Sample Name: S5 Acquired: 8/21/2018 13:15:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	1455.4	1819.1	37516.	4725.6	2599.9
Stddev	15.2	6.0	232.	38.1	7.4
%RSD	1.0431	.33213	.61724	.80605	.28624
#1	1438.2	1822.8	37251.	4682.1	2604.5
#2	1461.0	1822.3	37617.	4741.7	2603.8
#3	1467.0	1812.1	37680.	4753.0	2591.3

Sample Name: S6 Acquired: 8/21/2018 13:19:47 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	53.826	28.898	10.919	5.1026	5.7339
Stddev	.243	.082	.040	.0186	.0029
%RSD	.45201	.28296	.36386	.36451	.05138

#1	53.655	28.814	10.879	5.0860	5.7323
#2	54.105	28.902	10.920	5.0990	5.7320
#3	53.719	28.977	10.958	5.1227	5.7373

Int. Std.	Y_3710
Units	Cts/S
Avg	4773.1
Stddev	9.3
%RSD	.19543

#1	4781.8
#2	4763.2
#3	4774.3

Sample Name: ICV Acquired: 8/21/2018 13:24:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	1.043495	1.084859	1.028522	1.059047	.9501950	2.430219
Stddev	.006771	.004852	.001154	.001981	.0054756	.003278
%RSD	.6488863	.4472469	.1122488	.1870252	.5762618	.1348855

#1	1.048055	1.088818	1.027242	1.060377	.9527395	2.427068
#2	1.035714	1.079447	1.029485	1.056770	.9439102	2.433611
#3	1.046715	1.086313	1.028838	1.059993	.9539355	2.429978

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5318384	.5324411	.5285470	10.49620	.5282606	.5192554
Stddev	.0038553	.0040584	.0014305	.11373	.0017065	.0015656
%RSD	.7249044	.7622272	.2706548	1.083544	.3230418	.3015039

#1	.5339119	.5281426	.5272906	10.44589	.5294594	.5174589
#2	.5342132	.5362068	.5282465	10.62640	.5263068	.5199790
#3	.5273901	.5329739	.5301040	10.41630	.5290156	.5203283

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5121040	5.566922	.5303206	5.856989	.5319591	.5057943
Stddev	.0058514	.043800	.0023191	.146398	.0016522	.0045470
%RSD	1.142628	.7867852	.4373024	2.499540	.3105956	.8989866

#1	.5108716	5.546787	.5283080	5.796279	.5327260	.5020173
#2	.5184734	5.617168	.5328567	6.023975	.5300628	.5045243
#3	.5069668	5.536811	.5297971	5.750713	.5330885	.5108413

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.811176	.5415897	.9980869	9.509496	F .0114699	F 2.680189
Stddev	.472337	.0087953	.0161762	.162622	.0045834	.018718
%RSD	4.814275	1.623974	1.620716	1.710098	39.96036	.6983959

#1	10.30160	.5376410	.9903025	9.345676	.0167111	2.659928
#2	9.77264	.5516673	1.016684	9.670892	.0094861	2.696838
#3	9.35929	.5354608	.987275	9.511920	.0082126	2.683801

Sample Name: ICV Acquired: 8/21/2018 13:24:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2.562148	-.000147	2.626977	F 2.584871	2.776478	.0101731
Stddev	.003420	.005181	.023454	.011843	.006012	.0002666
%RSD	.1334906	3533.375	.8928180	.4581703	.2165192	2.620595

#1	2.563232	.005189	2.604121	2.595711	2.782999	.0104106
#2	2.558317	-.000471	2.650987	2.572231	2.775279	.0098847
#3	2.564894	-.005158	2.625824	2.586672	2.771157	.0102239

Elem	Sr4077
Units	ppm
Avg	.0123630
Stddev	.0001900
%RSD	1.536852

#1	.0125173
#2	.0124209
#3	.0121508

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.010	2240.220	41557.15	4988.081	3254.333
Stddev	10.600	3.114	138.06	33.286	6.103
%RSD	.6046903	.1390045	.3322187	.6673077	.1875456

#1	1762.243	2243.786	41636.17	5007.842	3257.916
#2	1755.354	2238.839	41637.55	4949.651	3257.796
#3	1741.434	2238.035	41397.73	5006.751	3247.286

Sample Name: ICB Acquired: 8/21/2018 13:28:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	-.002538	-.001520	.0002068	-.000777	.0020305	-.005096	-.000577
Stddev	.004104	.002015	.0011146	.002155	.0004646	.007629	.000843
%RSD	161.6720	132.5742	539.0636	277.3283	22.88150	149.7117	145.9458

#1	.000357	.000601	.0014528	.001213	.0022395	-.010214	-.001537
#2	-.000738	-.003408	-.000695	-.003066	.0014981	.003672	.000044
#3	-.007235	-.001753	-.000137	-.000479	.0023539	-.008745	-.000240

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000665	-.000059	-.008932	.0001458	-.000523	-.000195	-.016749
Stddev	.0000956	.000062	.009652	.0000894	.000285	.004157	.023259
%RSD	143.6700	105.4267	108.0607	61.33277	54.39570	2128.517	138.8687

#1	.0001472	.000013	-.008111	.0000573	-.000737	.000378	-.014312
#2	-.000039	-.000091	-.018967	.0001441	-.000200	-.004609	-.041131
#3	.000092	-.000099	.000283	.0002361	-.000633	.003646	.005195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001409	-.003807	-.000515	.0004559	-.138014	.0020278	-.000826
Stddev	.000998	.033474	.000093	.0002011	.389837	.0043907	.002451
%RSD	70.83289	879.3869	18.06534	44.11325	282.4622	216.5249	296.5573

#1	-.000721	.031571	-.000433	.0002699	.285414	-.000239	.001331
#2	-.002554	-.034981	-.000616	.0004285	-.217423	.007089	-.003491
#3	-.000952	-.008009	-.000494	.0006693	-.482032	-.000767	-.000319

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.184155	-.003283	.0032538	-.000083	-.007003	-.000352	.0029227
Stddev	.077196	.003667	.0015126	.000192	.003895	.001548	.0005116
%RSD	41.91904	111.6834	46.48558	231.2182	55.61912	439.4385	17.50555

#1	-.117516	-.007350	.0019995	.000097	-.011301	.000588	.0032544
#2	-.268745	-.002270	.0049335	-.000285	-.003705	-.002139	.0031803
#3	-.166203	-.000230	.0028284	-.000061	-.006005	.000494	.0023335

Sample Name: ICB Acquired: 8/21/2018 13:28:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	.0009424	-.001091	-.000036
Stddev	.0027348	.001778	.000127
%RSD	290.2133	162.9792	350.7756

#1	.0008222	.000962	-.000083
#2	-.001730	-.002077	-.000134
#3	.003735	-.002159	.000108

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1785.355	2264.940	42078.25	5059.075	3267.479
Stddev	17.432	6.683	226.94	2.341	8.374
%RSD	.9763808	.2950664	.5393263	.0462747	.2562839

#1	1801.501	2266.504	42330.06	5057.400	3269.748
#2	1787.689	2270.703	42015.17	5058.075	3274.485
#3	1766.873	2257.614	41889.53	5061.750	3258.204

Sample Name: ICSA Acquired: 8/21/2018 13:34:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	-.009395	-.002487	-.003497	.0032794	.0054469	246.7360
Stddev	.000633	.001061	.003231	.0035579	.0042150	.2108
%RSD	6.741747	42.66346	92.40861	108.4911	77.38450	.0854367

#1	-.009645	-.001388	-.000457	.0066993	.0046136	246.9764
#2	-.009865	-.003506	-.006890	.0035410	.0017107	246.6489
#3	-.008675	-.002567	-.003142	-.000402	.0100164	246.5827

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048307	.0010266	-.001105	250.3602	.0538812	-.000904
Stddev	.0007299	.0000840	.000067	.8840	.0001382	.000272
%RSD	15.11027	8.186845	6.033282	.3530975	.2565233	30.11989

#1	.0046865	.0011039	-.001179	249.3543	.0540110	-.000859
#2	.0056219	.0010387	-.001050	250.7128	.0537359	-.000656
#3	.0041836	.0009371	-.001087	251.0135	.0538968	-.001195

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008989	104.4167	.0107210	254.0797	.0036476	.0026358
Stddev	.003105	.6520	.0013539	1.5745	.0002197	.0004144
%RSD	34.54103	.6243785	12.62813	.6196833	6.024242	15.72372

#1	-.012150	103.6785	.0122392	252.2720	.0035535	.0027951
#2	-.005944	104.9136	.0102850	255.1511	.0038988	.0021653
#3	-.008873	104.6581	.0096389	254.8161	.0034906	.0029469

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.074618	.0023425	-.014278	-.718701	.0040721	F .1209428
Stddev	.191504	.0054648	.007789	.088398	.0063500	.0002723
%RSD	256.6453	233.2874	54.55400	12.29969	155.9407	.2251902

#1	-.128678	.0012275	-.021751	-.743281	-.002213	.1211746
#2	-.233281	.0082788	-.006207	-.792208	.010485	.1206429
#3	.138105	-.002479	-.014875	-.620615	.003943	.1210109

Sample Name: ICSA Acquired: 8/21/2018 13:34:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	.0017330	-.006007	-.005947	-.002623	-.005342	.0017599
Stddev	.0004437	.002983	.000768	.000683	.000441	.0013201
%RSD	25.60432	49.66544	12.91003	26.05040	8.263036	75.00895

#1	.0019330	-.009213	-.006039	-.002071	-.004854	.0006805
#2	.0020415	-.003314	-.006665	-.002411	-.005460	.0032318
#3	.0012245	-.005493	-.005138	-.003387	-.005713	.0013675

Elem	Sr4077
Units	ppm
Avg	.1057982
Stddev	.0004573
%RSD	.4322153

#1	.1053577
#2	.1062706
#3	.1057662

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1680.603	2122.867	40075.75	4971.268	2913.732
Stddev	9.233	6.568	149.95	11.436	7.793
%RSD	.5493813	.3093946	.3741674	.2300370	.2674554

#1	1674.380	2123.308	40022.57	4983.944	2918.751
#2	1691.212	2129.203	40245.04	4968.133	2917.690
#3	1676.218	2116.089	39959.64	4961.726	2904.754

Sample Name: ICSAB Acquired: 8/21/2018 13:38:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	.0922214	.1065027	.0501363	.0539392	.5946812	246.7863
Stddev	.0102237	.0008552	.0024379	.0058374	.0023551	.0319
%RSD	11.08600	.8030013	4.862627	10.82213	.3960335	.0129269

#1	.0950148	.1068790	.0491621	.0479028	.5938668	246.7832
#2	.0808914	.1055239	.0529106	.0543601	.5928414	246.8196
#3	.1007580	.1071053	.0483360	.0595548	.5973355	246.7561

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5358083	.5248985	1.045981	247.3741	.5849941	.5175648
Stddev	.0015093	.0027287	.003831	.3556	.0030065	.0003866
%RSD	.2816788	.5198622	.3662351	.1437339	.5139414	.0746933

#1	.5362130	.5217550	1.043588	247.7774	.5848551	.5172199
#2	.5370739	.5266577	1.043955	247.1059	.5880677	.5174919
#3	.5341379	.5262827	1.050399	247.2390	.5820595	.5179827

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4896119	103.1482	.5257603	250.8631	1.057109	.1620796
Stddev	.0052434	.2984	.0051826	.5034	.004643	.0008379
%RSD	1.070925	.2892568	.9857336	.2006800	.4391899	.5169536

#1	.4956287	103.3100	.5242035	251.4409	1.053552	.1618277
#2	.4871879	102.8039	.5315429	250.6302	1.055413	.1613965
#3	.4860191	103.3308	.5215346	250.5184	1.062361	.1630145

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.217130	.5278832	1.017240	-1.31726	.0160173	F .1158886
Stddev	.118269	.0094967	.020225	.11193	.0052067	.0016441
%RSD	54.46910	1.799014	1.988183	8.496960	32.50640	1.418669

#1	-.298235	.5251122	1.036001	-1.41792	.0220199	.1157587
#2	-.081425	.5384572	.995816	-1.33714	.0133099	.1143134
#3	-.271731	.5200802	1.019905	-1.19673	.0127222	.1175938

Sample Name: ICSAB Acquired: 8/21/2018 13:38:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) 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	.0032167	-.004455	.0055319	-.003654	-.002999	.0014436
Stddev	.0001438	.008015	.0029963	.001169	.004058	.0014252
%RSD	4.469854	179.9069	54.16278	31.99306	135.3239	98.72441

#1	.0033756	-.010950	.0045059	-.004102	.000199	.0030891
#2	.0030956	-.006916	.0089064	-.004533	-.001632	.0006093
#3	.0031789	.004502	.0031835	-.002327	-.007565	.0006323

Elem	Sr4077
Units	ppm
Avg	.1050644
Stddev	.0002478
%RSD	.2358211

#1	.1048111
#2	.1050761
#3	.1053062

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1680.459	2113.658	40066.14	4988.586	2906.617
Stddev	14.439	5.780	206.77	13.123	3.058
%RSD	.8592485	.2734784	.5160841	.2630606	.1051970

#1	1688.299	2112.673	40095.47	4983.634	2905.978
#2	1689.283	2119.868	40256.68	4978.660	2909.944
#3	1663.796	2108.434	39846.26	5003.465	2903.930

Sample Name: CCV097 Acquired: 8/21/2018 13:42:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.784870	4.700333	23.67243	4.578383	4.657852	403.0699	9.544255
Stddev	.010754	.023247	.10448	.018591	.015766	.4726	.035440
%RSD	.2247521	.4945759	.4413736	.4060512	.3384737	.1172557	.3713271

#1	4.772516	4.713977	23.60007	4.573030	4.656388	402.6935	9.563262
#2	4.792135	4.673491	23.62501	4.563055	4.642869	402.9158	9.503366
#3	4.789960	4.713531	23.79222	4.599062	4.674298	403.6003	9.566138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4729581	2.382899	389.9302	14.62618	2.406575	14.42616	400.9101
Stddev	.0032851	.006637	1.2200	.02039	.013127	.02464	1.7406
%RSD	.6945928	.2785226	.3128656	.1394062	.5454802	.1707875	.4341674

#1	.4746921	2.380021	390.5420	14.61445	2.393861	14.41946	402.7199
#2	.4691692	2.378187	388.5254	14.64973	2.405785	14.40558	399.2480
#3	.4750129	2.390489	390.7232	14.61437	2.420080	14.45346	400.7624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.90847	390.7446	2.427373	1.186581	379.4704	2.346684	13.96137
Stddev	.03434	1.5844	.009932	.005694	2.4424	.025346	.18442
%RSD	.2468849	.4054735	.4091780	.4798384	.6436233	1.080084	1.320959

#1	13.94356	392.4141	2.418621	1.188088	381.3317	2.373356	13.74871
#2	13.87494	389.2620	2.425330	1.180285	376.7048	2.322913	14.05802
#3	13.90691	390.5576	2.438168	1.191369	380.3746	2.343783	14.07737

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	146.6445	4.964313	4.931884	4.674799	4.883735	4.597158	4.883899
Stddev	.1309	.017096	.037360	.016489	.003285	.048330	.022410
%RSD	.0892971	.3443817	.7575210	.3527278	.0672636	1.051295	.4588606

#1	146.7946	4.946636	4.948494	4.668634	4.883049	4.626938	4.870646
#2	146.5856	4.965541	4.889100	4.662280	4.880847	4.541395	4.871277
#3	146.5534	4.980762	4.958060	4.693482	4.887309	4.623141	4.909774

Sample Name: CCV097 Acquired: 8/21/2018 13:42:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV097 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.805378	4.851271	4.807455
Stddev	.015441	.010669	.013565
%RSD	.3213347	.2199244	.2821596

#1	4.809703	4.848996	4.822890
#2	4.818195	4.841922	4.802042
#3	4.788235	4.862894	4.797432

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1569.586	1948.528	38940.19	4886.315	2660.468
Stddev	7.540	3.751	88.36	10.082	4.798
%RSD	.4803500	.1924881	.2269174	.2063351	.1803512

#1	1575.737	1948.239	38998.65	4879.668	2661.830
#2	1571.846	1952.415	38838.54	4897.915	2664.438
#3	1561.175	1944.930	38983.38	4881.360	2655.136

Sample Name: CCB097 Acquired: 8/21/2018 13:46:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014170	-.001292	-.000252	.0015522	.0028720	.0185401	-.000149
Stddev	.0024475	.001310	.000892	.0031496	.0012665	.0022614	.001005
%RSD	172.7251	101.3872	354.4949	202.9094	44.09706	12.19735	674.9204

#1	-.000483	.000217	-.000515	-.001086	.0018923	.0195155	-.000498
#2	.004179	-.002142	.000742	.000703	.0024217	.0159547	.000984
#3	.000555	-.001951	-.000982	.005039	.0043022	.0201501	-.000933

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000124	-.000139	.0096440	.0001478	-.000605	-.000567	-.017576
Stddev	.0000975	.000039	.0137777	.0002640	.000377	.002557	.019297
%RSD	788.9625	27.71631	142.8626	178.7099	62.19902	451.2883	109.7886

#1	.0000094	-.000119	.0252499	-.000041	-.000223	.000622	-.004166
#2	-.000084	-.000183	.0045180	.000449	-.000618	-.003501	-.039692
#3	.000111	-.000115	-.000836	.000035	-.000976	.001180	-.008871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000840	.0076689	-.000922	.0009360	-.117506	.0066948	.0082865
Stddev	.0011832	.0109368	.000397	.0000893	.248572	.0080857	.0073891
%RSD	1408.233	142.6109	43.04097	9.535483	211.5400	120.7764	89.16990

#1	.0003454	.0026734	-.000469	.0009162	-.374804	.0133905	.0105841
#2	.0011147	.0202114	-.001209	.0008583	-.099019	.0089819	.0000216
#3	-.001208	.0001220	-.001088	.0010335	.121306	-.002288	.0142539

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.068811	-.000747	.0061937	-.000292	-.006915	-.000732	.0006292
Stddev	.087001	.003053	.0017786	.000282	.001530	.001284	.0006208
%RSD	126.4342	408.7330	28.71588	96.88287	22.12902	175.4344	98.66102

#1	-.143181	.002634	.0081838	.000024	-.005214	-.001926	.0012653
#2	.026863	-.003303	.0047591	-.000377	-.007350	.000626	.0005974
#3	-.090115	-.001572	.0056383	-.000521	-.008181	-.000896	.0000249

Sample Name: CCB097 Acquired: 8/21/2018 13:46:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB097 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000561	.0003686	-.000009
Stddev	.003867	.0008643	.000039
%RSD	689.3503	234.4737	438.7080

#1	.001465	.0008457	-.000054
#2	.001873	.0008892	.000012
#3	-.005020	-.000629	.000015

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1752.632	2215.851	41494.16	4992.017	3201.795
Stddev	15.035	5.381	177.26	11.563	7.542
%RSD	.8578511	.2428370	.4271969	.2316215	.2355584

#1	1765.319	2221.848	41698.77	5005.350	3210.412
#2	1736.025	2211.446	41387.16	4984.750	3196.392
#3	1756.551	2214.258	41396.55	4985.950	3198.582

Sample Name: PB112209BL Acquired: 8/21/2018 13:50:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002222	-.000430	-.000272	-.000195	.0021069	-.006040	-.000867
Stddev	.001068	.002227	.000213	.002561	.0005164	.008411	.000258
%RSD	48.05892	518.5102	78.40209	1310.562	24.50778	139.2563	29.71489

#1	-.002200	-.000762	-.000517	.002066	.0023380	.001624	-.001145
#2	-.003300	-.002472	-.000127	.000324	.0015154	-.015038	-.000636
#3	-.001165	.001945	-.000173	-.002976	.0024674	-.004705	-.000821

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	-.000082	.0057634	.0004567	-.000317	.0021382	-.036272
Stddev	.000059	.000092	.0025699	.0005093	.000441	.0045371	.028911
%RSD	382.4679	112.9771	44.58966	111.5020	139.2048	212.1908	79.70615

#1	-.000082	-.000058	.0027964	.0000616	-.000766	.0043773	-.038244
#2	.000005	-.000184	.0072938	.0002771	.000116	.0051205	-.064147
#3	.000031	-.000004	.0071999	.0010314	-.000301	-.003083	-.006426

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000713	-.005397	-.000168	.0006786	-.075175	-.004605	-.008705
Stddev	.001628	.049591	.000834	.0001635	.166642	.001853	.004478
%RSD	228.4420	918.7754	497.1610	24.09542	221.6715	40.24226	51.44651

#1	-.000029	.049000	-.001067	.0008383	-.027420	-.006737	-.010874
#2	.000462	-.017106	-.000015	.0005116	-.260481	-.003691	-.003555
#3	-.002572	-.048086	.000579	.0006860	.062376	-.003386	-.011684

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.093566	-.004796	-.001640	-.000584	-.010321	-.001937	-.001374
Stddev	.030504	.004627	.000457	.000255	.002697	.000375	.000299
%RSD	32.60162	96.47927	27.85357	43.60944	26.13241	19.36443	21.79081

#1	-.073285	-.008996	-.002031	-.000378	-.013048	-.001528	-.001060
#2	-.078766	-.005556	-.001138	-.000869	-.007654	-.002021	-.001405
#3	-.128646	.000164	-.001750	-.000506	-.010261	-.002264	-.001656

Sample Name: PB112209BL Acquired: 8/21/2018 13:50:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001316	-.002862	-.000062
Stddev	.001919	.000299	.000103
%RSD	145.7721	10.43480	165.5399

#1	-.002181	-.002725	.000039
#2	.000883	-.003205	-.000058
#3	-.002650	-.002657	-.000167

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.952	2246.841	41784.97	5055.025	3248.737
Stddev	15.840	3.567	159.80	26.625	3.555
%RSD	.9031307	.1587708	.3824320	.5266962	.1094203

#1	1769.029	2247.619	41841.23	5059.225	3249.032
#2	1755.381	2249.954	41909.03	5026.550	3252.135
#3	1737.445	2242.948	41604.65	5079.300	3245.043

Sample Name: PB112209BS Acquired: 8/21/2018 13:54:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174108	.0526560	.0195749	.0756105	.1254789	.4040215
Stddev	.0045835	.0018474	.0011438	.0039470	.0003973	.0144415
%RSD	26.32578	3.508508	5.843157	5.220211	.3165927	3.574452

#1	.0166277	.0508475	.0193011	.0800254	.1257116	.3923745
#2	.0132693	.0525804	.0208308	.0743831	.1257048	.3995095
#3	.0223354	.0545401	.0185929	.0724231	.1250202	.4201803

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4100407	.0110904	.0104970	10.09360	.0226190	.0991143
Stddev	.0011244	.0001163	.0000695	.07053	.0004213	.0009050
%RSD	.2742188	1.048753	.6624201	.6987821	1.862696	.9130975

#1	.4103697	.0109971	.0105065	10.01666	.0223825	.0981096
#2	.4087884	.0112207	.0104232	10.15521	.0223691	.0993675
#3	.4109638	.0110532	.0105613	10.10892	.0231054	.0998657

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0472823	.2140587	.0316104	9.746086	.0819111	.0206336
Stddev	.0086423	.0087156	.0011363	.088953	.0001963	.0003965
%RSD	18.27817	4.071607	3.594863	.9127041	.2396983	1.921408

#1	.0525522	.2212388	.0325788	9.848197	.0820398	.0201758
#2	.0519863	.2165758	.0318928	9.704661	.0816851	.0208683
#3	.0373083	.2043616	.0303594	9.685401	.0820084	.0208566

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.218615	.1057178	.1061975	9.401948	F .1811421	F .0173365
Stddev	.601109	.0015109	.0170125	.040330	.0019507	.0007654
%RSD	6.520600	1.429163	16.01965	.4289512	1.076888	4.414839

#1	8.565156	.1040163	.0955804	9.356105	.1819576	.0164605
#2	9.748016	.1062349	.0971923	9.431961	.1789160	.0178762
#3	9.342671	.1069023	.1258197	9.417780	.1825527	.0176727

Sample Name: PB112209BS Acquired: 8/21/2018 13:54:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199121	.1870233	.1977318	F .0132728	.1059228	.0921032
Stddev	.0002926	.0121044	.0013609	.0004336	.0021820	.0019434
%RSD	1.469697	6.472132	.6882634	3.266843	2.059997	2.110065

#1	.0197170	.1786993	.1963234	.0137681	.1044122	.0901381
#2	.0197707	.1814617	.1990397	.0130879	.1049318	.0921471
#3	.0202486	.2009090	.1978323	.0129622	.1084245	.0940243

Elem	Sr4077
Units	ppm
Avg	.2070574
Stddev	.0007513
%RSD	.3628356

#1	.2073366
#2	.2062065
#3	.2076291

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1734.722	2201.058	40971.28	4985.867	3212.621
Stddev	9.106	5.967	36.60	4.378	12.839
%RSD	.5249543	.2711000	.0893250	.0878001	.3996382

#1	1743.228	2203.991	41010.52	4985.300	3216.025
#2	1735.823	2204.991	40965.26	4981.800	3223.415
#3	1725.115	2194.192	40938.07	4990.500	3198.423

Sample Name: J4536-01 Acquired: 8/21/2018 13:59:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0586087	.0243011	18.84831	.0093787	.0135909	12.86229
Stddev	.0015522	.0076032	.05174	.0038012	.0012997	.02469
%RSD	2.648323	31.28733	.2745178	40.52968	9.563176	.1919254

#1	.0586774	.0282843	18.84478	.0072995	.0146860	12.83391
#2	.0570233	.0155339	18.79843	.0137659	.0121546	12.87412
#3	.0601253	.0290851	18.90173	.0070707	.0139319	12.87883

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2271457	.0079233	.1417053	F 1506.972	.0940993	.1334748
Stddev	.0013395	.0001887	.0005561	10.717	.0005175	.0011119
%RSD	.5897300	2.380948	.3924510	.7111456	.5499509	.8330450

#1	.2265810	.0080623	.1415337	1518.689	.0935383	.1337231
#2	.2286751	.0077086	.1412552	1504.562	.0945580	.1322598
#3	.2261810	.0079992	.1423270	1497.665	.0942016	.1344416

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0936093	247.9092	F 34.25512	F 810.0813	.1122515	.0104181
Stddev	.0026350	.0519	.06334	.7810	.0010418	.0002032
%RSD	2.814899	.0209321	.1848955	.0964145	.9280592	1.950399

#1	.0906369	247.9557	34.18223	809.5369	.1111951	.0106055
#2	.0956585	247.8532	34.29675	810.9762	.1122815	.0104466
#3	.0945325	247.9187	34.28638	809.7307	.1132780	.0102021

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.340945	.1504038	7.705828	-.435626	4.748048	.3210298
Stddev	.330016	.0055655	.091681	.032722	.026486	.0034045
%RSD	14.09755	3.700374	1.189765	7.511479	.5578315	1.060485

#1	2.251315	.1545425	7.754419	-.470824	4.726964	.3203278
#2	2.706518	.1525922	7.600079	-.406131	4.739404	.3180311
#3	2.065003	.1440767	7.762985	-.429921	4.777776	.3247306

Sample Name: J4536-01 Acquired: 8/21/2018 13:59:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB32 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016346	15.17007	1.329622	-.002425	.1782483	.0335749
Stddev	.0001229	.05997	.002911	.001706	.0019465	.0016569
%RSD	7.519043	.3953200	.2189329	70.36561	1.092032	4.934965

#1	.0015926	15.10561	1.331949	-.003993	.1760012	.0353145
#2	.0017730	15.18037	1.330560	-.002673	.1793285	.0320154
#3	.0015382	15.22422	1.326358	-.000608	.1794152	.0333948

Elem	Sr4077
Units	ppm
Avg	.4445426
Stddev	.0003879
%RSD	.0872648

#1	.4444844
#2	.4449564
#3	.4441871

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1699.790	2138.284	41885.32	5294.932	2494.207
Stddev	19.057	4.671	271.18	26.482	3.587
%RSD	1.121159	.2184452	.6474319	.5001381	.1438001

#1	1682.169	2141.393	41644.18	5274.721	2496.899
#2	1720.016	2140.546	42178.88	5324.910	2495.586
#3	1697.186	2132.912	41832.88	5285.165	2490.135

Sample Name: J4536-02 Acquired: 8/21/2018 14:03:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB32D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0682869	.0187768	18.42792	.0097272	.0148189	16.25250
Stddev	.0010104	.0031357	.10925	.0043563	.0018928	.07009
%RSD	1.479601	16.69972	.5928663	44.78511	12.77319	.4312849

#1	.0687254	.0216278	18.37277	.0054691	.0147397	16.21958
#2	.0671313	.0154183	18.35723	.0095370	.0167500	16.20493
#3	.0690039	.0192844	18.55376	.0141755	.0129668	16.33300

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3409262	.0086078	.1510758	F 1346.935	.0986674	.1498713
Stddev	.0010186	.0001752	.0009203	5.854	.0005915	.0013477
%RSD	.2987687	2.035323	.6091347	.4346295	.5994462	.8992195

#1	.3402038	.0086583	.1503774	1347.112	.0993066	.1488220
#2	.3404835	.0084129	.1507314	1340.995	.0985560	.1494007
#3	.3420912	.0087522	.1521186	1352.699	.0981395	.1513911

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1100740	267.8813	F 32.55304	723.2908	.1428860	.0114042
Stddev	.0031079	.4638	.07095	1.5419	.0016848	.0005233
%RSD	2.823416	.1731468	.2179424	.2131733	1.179086	4.588680

#1	.1130777	267.8875	32.51093	722.0039	.1442978	.0109644
#2	.1068716	268.3420	32.63495	724.9997	.1410210	.0119829
#3	.1102729	267.4144	32.51325	722.8688	.1433391	.0112653

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.127615	.2020887	9.851580	-.283420	3.300425	.3350661
Stddev	.359321	.0015520	.092685	.094524	.038269	.0006642
%RSD	16.88844	.7679948	.9408086	33.35108	1.159526	.1982374

#1	2.091796	.2016431	9.797989	-.238690	3.293989	.3350527
#2	1.787545	.2038148	9.798148	-.219564	3.265783	.3357369
#3	2.503504	.2008083	9.958603	-.392007	3.341505	.3344087

Sample Name: J4536-02 Acquired: 8/21/2018 14:03:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB32D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025159	15.63176	1.337527	-.003447	.2294630	.0317284
Stddev	.0006862	.14131	.012960	.000886	.0055554	.0009923
%RSD	27.27383	.9040198	.9689679	25.71452	2.421029	3.127447

#1	.0027592	15.61872	1.330125	-.003966	.2352096	.0307982
#2	.0017412	15.49741	1.329965	-.002424	.2241210	.0316140
#3	.0030472	15.77914	1.352492	-.003952	.2290585	.0327729

Elem	Sr4077
Units	ppm
Avg	.3795406
Stddev	.0001773
%RSD	.0467134

#1	.3795676
#2	.3797029
#3	.3793514

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1715.676	2163.854	42421.60	5334.766	2551.784
Stddev	18.744	9.074	23.31	6.033	13.369
%RSD	1.092518	.4193508	.0549441	.1130835	.5239178

#1	1712.086	2170.573	42448.51	5340.227	2560.302
#2	1735.956	2167.456	42407.50	5328.290	2558.674
#3	1698.987	2153.531	42408.80	5335.783	2536.375

Sample Name: J4536-03 Acquired: 8/21/2018 14:07:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB32S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1368852	.1242072	18.26027	.1063905	.2079117	18.29748
Stddev	.0024694	.0054943	.05765	.0007606	.0022747	.04002
%RSD	1.804023	4.423478	.3156862	.7148712	1.094052	.2187089

#1	.1373335	.1187379	18.22727	.1055313	.2072489	18.32562
#2	.1390998	.1297261	18.22671	.1066625	.2104442	18.31516
#3	.1342223	.1241578	18.32683	.1069776	.2060421	18.25167

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.558607	.1076593	.2570860	F 1404.333	.4908544	1.301488
Stddev	.010668	.0010032	.0008222	16.164	.0017289	.002284
%RSD	.2340210	.9318492	.3197959	1.150990	.3522259	.1754650

#1	4.547801	.1065799	.2566967	1385.727	.4888986	1.300092
#2	4.569131	.1085631	.2565307	1412.355	.4914854	1.300248
#3	4.558891	.1078350	.2580305	1414.916	.4921792	1.304123

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6081317	255.3468	F 33.89485	753.1446	1.287976	.1121728
Stddev	.0059911	1.0221	.08623	2.8521	.004500	.0006899
%RSD	.9851633	.4002660	.2544137	.3786984	.3493629	.6150385

#1	.6145973	254.1667	33.80191	749.8750	1.283678	.1120658
#2	.6070296	255.9450	33.97226	754.4370	1.287596	.1115427
#3	.6027682	255.9287	33.91039	755.1218	1.292653	.1129100

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.076040	1.211638	9.639914	-.434985	3.986413	.3224378
Stddev	.316567	.004709	.286807	.103072	.025489	.0028913
%RSD	15.24860	.3886262	2.975205	23.69561	.6393867	.8967065

#1	2.432791	1.212008	9.954022	-.347865	3.974518	.3240946
#2	1.828665	1.216151	9.573745	-.548770	3.969045	.3190992
#3	1.966663	1.206756	9.391974	-.408322	4.015674	.3241195

Sample Name: J4536-03 Acquired: 8/21/2018 14:07:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB32S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018663	15.05461	1.327553	-.003268	.1976763	.0345966
Stddev	.0006836	.06365	.011596	.002437	.0035967	.0005511
%RSD	36.62622	.4227708	.8734673	74.56059	1.819499	1.592940

#1	.0012952	15.01160	1.314603	-.000742	.2010777	.0349151
#2	.0026237	15.02451	1.336974	-.003459	.1980393	.0339603
#3	.0016800	15.12773	1.331082	-.005605	.1939118	.0349146

Elem	Sr4077
Units	ppm
Avg	.4044756
Stddev	.0008237
%RSD	.2036452

#1	.4038217
#2	.4054007
#3	.4042043

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1711.599	2149.023	42074.63	5301.771	2528.162
Stddev	19.306	3.268	137.84	41.963	4.872
%RSD	1.127965	.1520602	.3276064	.7914819	.1927221

#1	1689.312	2151.592	41915.67	5350.210	2532.860
#2	1723.180	2150.133	42161.07	5276.490	2528.492
#3	1722.306	2145.345	42147.15	5278.614	2523.132

Sample Name: J4536-01LX5 Acquired: 8/21/2018 14:11:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB32L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117848	.0017261	3.403410	.0021728	.0024163	2.850174	.0565265
Stddev	.0023776	.0024369	.013961	.0019799	.0018803	.022279	.0005244
%RSD	20.17502	141.1798	.4102030	91.12238	77.81747	.7816857	.9277540

#1	.0140405	-.000244	3.392135	.0002415	.0033587	2.824470	.0571281
#2	.0093016	.000971	3.399070	.0020790	.0036391	2.863938	.0562858
#3	.0120124	.004451	3.419026	.0041980	.0002512	2.862114	.0561656

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018052	.0269099	293.1735	.0232618	.0239200	.0209001	53.80773
Stddev	.0000430	.0002860	1.0786	.0005630	.0003660	.0025595	.26981
%RSD	2.381381	1.062736	.3678889	2.420176	1.530095	12.24653	.5014387

#1	.0017572	.0267807	294.2240	.0230735	.0243179	.0232934	54.10207
#2	.0018182	.0267114	292.0689	.0238948	.0238447	.0182017	53.57212
#3	.0018402	.0272377	293.2276	.0228171	.0235976	.0212052	53.74899

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.648338	149.4460	.0238522	.0031233	.1832273	.0363697	1.710035
Stddev	.020880	.3773	.0004342	.0003159	.0978820	.0024043	.027415
%RSD	.3140569	.2524949	1.820316	10.11474	53.42111	6.610605	1.603199

#1	6.671602	149.7152	.0243477	.0030275	.1585387	.0379922	1.703041
#2	6.631225	149.0147	.0236712	.0028664	.1000532	.0375094	1.686795
#3	6.642186	149.6081	.0235379	.0034760	.2910898	.0336075	1.740270

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.408101	.6920556	.0628303	.0000490	2.627420	.2735299	-.004700
Stddev	.012116	.0059156	.0005386	.0005314	.003102	.0023393	.001123
%RSD	2.968857	.8547863	.8571646	1083.497	.1180575	.8552090	23.89355

#1	-.412505	.6944367	.0626435	-.000529	2.625375	.2709710	-.005112
#2	-.394399	.6853205	.0624100	.000517	2.630989	.2755584	-.005559
#3	-.417399	.6964096	.0634374	.000159	2.625897	.2740604	-.003429

Sample Name: J4536-01LX5 Acquired: 8/21/2018 14:11:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB32L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0441502	.0018788	.0823028
Stddev	.0012409	.0016491	.0004530
%RSD	2.810666	87.77409	.5503689

#1	.0448105	.0024647	.0828248
#2	.0449214	.0000168	.0820136
#3	.0427188	.0031549	.0820699

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1710.691	2157.838	41399.33	5049.238	2961.065
Stddev	2.741	6.284	102.30	6.793	7.362
%RSD	.1602222	.2912074	.2470949	.1345286	.2486344

#1	1707.677	2162.619	41512.97	5041.533	2967.170
#2	1711.364	2160.174	41370.44	5054.363	2963.136
#3	1713.033	2150.721	41314.59	5051.818	2952.889

Sample Name: J4536-04 Acquired: 8/21/2018 14:15:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0433553	.0188250	19.42495	.0087390	.0109530	17.85533
Stddev	.0043056	.0027395	.09154	.0050757	.0035928	.08458
%RSD	9.930937	14.55239	.4712599	58.08079	32.80181	.4736730

#1	.0449105	.0187350	19.37860	.0036102	.0142722	17.77473
#2	.0384882	.0216085	19.36586	.0088471	.0071381	17.84787
#3	.0466672	.0161317	19.53040	.0137599	.0114489	17.94339

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3586967	.0074079	.2876235	F 1148.117	.0588664	.1151020
Stddev	.0009355	.0000458	.0010368	3.243	.0003937	.0010186
%RSD	.2608130	.6179305	.3604755	.2824788	.6688096	.8849511

#1	.3576171	.0074584	.2864805	1148.560	.0593115	.1145904
#2	.3592682	.0073960	.2878866	1151.116	.0587238	.1144405
#3	.3592048	.0073692	.2885034	1144.676	.0585638	.1162750

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1099798	220.9075	29.09276	591.1424	.1088878	.0225039
Stddev	.0012473	.5864	.07209	2.3688	.0007210	.0000991
%RSD	1.134084	.2654297	.2478050	.4007099	.6621100	.4404793

#1	.1090173	220.9074	29.12782	591.0823	.1080565	.0223898
#2	.1113888	221.4939	29.14061	593.5407	.1092657	.0225687
#3	.1095331	220.3212	29.00984	588.8043	.1093414	.0225533

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.717669	.1386354	11.93996	-.176214	2.313605	.2864735
Stddev	.265399	.0040315	.23272	.066236	.008953	.0040353
%RSD	15.45111	2.907984	1.949127	37.58861	.3869738	1.408598

#1	1.951375	.1421733	12.10326	-.122688	2.320902	.2827991
#2	1.429140	.1394865	11.67348	-.250290	2.303614	.2858293
#3	1.772491	.1342463	12.04314	-.155665	2.316299	.2907921

Sample Name: J4536-04 Acquired: 8/21/2018 14:15:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB33 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012032	12.83881	2.069300	-.000298	.2540905	.0297714
Stddev	.0002064	.01496	.013696	.001587	.0035992	.0006129
%RSD	17.15398	.1165215	.6618779	532.3955	1.416489	2.058783

#1	.0011412	12.83563	2.073234	.000942	.2537005	.0299515
#2	.0014335	12.82570	2.080598	-.002087	.2507023	.0290886
#3	.0010349	12.85511	2.054067	.000251	.2578688	.0302741

Elem	Sr4077
Units	ppm
Avg	.3106404
Stddev	.0001883
%RSD	.0606008

#1	.3107841
#2	.3107098
#3	.3104273

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1710.029	2151.306	42046.68	5247.999	2602.566
Stddev	23.083	6.678	271.18	22.111	9.508
%RSD	1.349834	.3104302	.6449429	.4213216	.3653173

#1	1694.597	2156.777	41830.95	5237.050	2606.427
#2	1736.565	2153.277	42351.10	5233.499	2609.535
#3	1698.926	2143.864	41957.99	5273.448	2591.735

Sample Name: J4536-05 Acquired: 8/21/2018 14:19:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0430132	.0169776	14.34642	.0106625	.0116898	25.94141
Stddev	.0061199	.0050077	.01113	.0029300	.0008957	.08261
%RSD	14.22784	29.49599	.0775726	27.47906	7.662235	.3184665

#1	.0455036	.0139571	14.34154	.0132459	.0126886	25.84643
#2	.0474953	.0142177	14.33857	.0074789	.0114231	25.99657
#3	.0360408	.0227581	14.35916	.0112626	.0109578	25.98124

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6740413	.0073211	.2784016	F 954.0509	.0583071	.1505100
Stddev	.0012835	.0001143	.0009986	2.3899	.0008333	.0004228
%RSD	.1904176	1.560552	.3586792	.2504958	1.429080	.2809170

#1	.6742533	.0071929	.2778015	955.9945	.0578888	.1500758
#2	.6752057	.0074120	.2778489	954.7756	.0592666	.1505338
#3	.6726651	.0073584	.2795543	951.3825	.0577658	.1509204

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1674681	206.6568	27.52510	487.0471	.1359984	.0192532
Stddev	.0037845	1.0295	.14193	2.9704	.0012123	.0002358
%RSD	2.259808	.4981704	.5156245	.6098846	.8914084	1.224529

#1	.1714870	207.5827	27.64371	489.4646	.1346823	.0194844
#2	.1669445	206.8395	27.56374	487.9455	.1370695	.0190131
#3	.1639727	205.5481	27.36786	483.7312	.1362433	.0192619

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.414460	.1503466	12.82995	.5195346	2.500989	.2674513
Stddev	.324692	.0027444	.09889	.0441254	.020000	.0021031
%RSD	22.95519	1.825383	.7707853	8.493265	.7996900	.7863483

#1	1.193270	.1523268	12.84238	.5299964	2.492836	.2681964
#2	1.787221	.1514991	12.92204	.5574890	2.486352	.2690805
#3	1.262888	.1472139	12.72543	.4711184	2.523777	.2650771

Sample Name: J4536-05 Acquired: 8/21/2018 14:19:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB34 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018000	9.262124	2.831290	-.003104	.2972953	.0304847
Stddev	.0001789	.055694	.024069	.002011	.0017619	.0022718
%RSD	9.939002	.6013047	.8500961	64.78046	.5926381	7.452137

#1	.0016363	9.237480	2.859051	-.000793	.2993100	.0297559
#2	.0019910	9.223004	2.818550	-.004064	.2960432	.0330314
#3	.0017729	9.325888	2.816269	-.004456	.2965328	.0286668

Elem	Sr4077
Units	ppm
Avg	.2671196
Stddev	.0006156
%RSD	.2304727

#1	.2670464
#2	.2677685
#3	.2665438

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1732.212	2189.457	42593.73	5306.928	2662.595
Stddev	13.377	3.260	48.34	25.602	7.159
%RSD	.7722358	.1489053	.1134817	.4824352	.2688624

#1	1735.583	2193.217	42601.57	5288.619	2670.755
#2	1717.473	2187.725	42541.95	5295.981	2659.660
#3	1743.581	2187.428	42637.66	5336.184	2657.370

Sample Name: J4536-06 Acquired: 8/21/2018 14:23:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0447897	.0112496	14.55585	.0116601	.0118861	21.09246
Stddev	.0042662	.0005761	.06183	.0022094	.0017971	.07918
%RSD	9.524869	5.120684	.4248084	18.94802	15.11969	.3754015

#1	.0411634	.0113908	14.49564	.0126805	.0102651	21.01036
#2	.0494904	.0117419	14.55272	.0131749	.0138187	21.09865
#3	.0437154	.0106160	14.61919	.0091250	.0115745	21.16836

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5280767	.0069913	.2815295	F 971.8250	.0784432	.1291635
Stddev	.0011377	.0001087	.0012737	.5550	.0006787	.0010859
%RSD	.2154439	1.554980	.4524248	.0571132	.8652021	.8406862

#1	.5268671	.0068898	.2804648	972.1252	.0783686	.1280404
#2	.5291254	.0071060	.2811831	971.1845	.0791561	.1292421
#3	.5282375	.0069780	.2829406	972.1652	.0778049	.1302079

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1436318	205.8232	25.89729	500.2297	.1387250	.0162273
Stddev	.0034465	.4940	.07848	1.1647	.0009931	.0003922
%RSD	2.399557	.2400040	.3030548	.2328307	.7158625	2.416860

#1	.1396572	206.3705	25.98790	501.5102	.1377405	.0157852
#2	.1454431	205.6887	25.85065	499.9455	.1387080	.0165334
#3	.1457950	205.4104	25.85332	499.2334	.1397265	.0163634

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.528368	.1383512	12.04946	.1006760	2.610172	.2587283
Stddev	.257050	.0082045	.05134	.0606612	.015093	.0025388
%RSD	16.81857	5.930188	.4260362	60.25386	.5782442	.9812581

#1	1.293403	.1364234	12.02133	.0761631	2.599495	.2615449
#2	1.488791	.1473480	12.01834	.1697578	2.603581	.2580240
#3	1.802911	.1312823	12.10871	.0561072	2.627440	.2566160

Sample Name: J4536-06 Acquired: 8/21/2018 14:23:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB35 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032509	12.27303	2.390737	-.002864	.3082497	.0262388
Stddev	.0002802	.01983	.013195	.001289	.0030611	.0021279
%RSD	8.620060	.1615510	.5519284	45.02177	.9930736	8.109878

#1	.0029780	12.27589	2.389143	-.001382	.3051993	.0253634
#2	.0035379	12.25193	2.378411	-.003726	.3113215	.0246882
#3	.0032367	12.29127	2.404657	-.003483	.3082282	.0286648

Elem	Sr4077
Units	ppm
Avg	.2749186
Stddev	.0008559
%RSD	.3113225

#1	.2741139
#2	.2748240
#3	.2758178

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1723.253	2157.899	42239.05	5241.213	2635.369
Stddev	13.279	4.626	141.56	8.555	6.346
%RSD	.7705981	.2143672	.3351502	.1632281	.2407956

#1	1715.544	2159.763	42103.02	5234.593	2640.291
#2	1738.586	2161.302	42385.56	5250.873	2637.608
#3	1715.628	2152.632	42228.56	5238.174	2628.206

Sample Name: J4536-07 Acquired: 8/21/2018 14:27:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0563244	.0258358	25.75709	.0101782	.0111807	11.25490
Stddev	.0068589	.0005832	.09171	.0022952	.0006353	.04179
%RSD	12.17750	2.257255	.3560592	22.55060	5.682110	.3713088

#1	.0491253	.0264119	25.73045	.0080817	.0106101	11.26943
#2	.0570647	.0258499	25.68165	.0126306	.0110668	11.28748
#3	.0627830	.0252458	25.85918	.0098222	.0118653	11.20778

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2646518	.0095434	.1988442	F 1479.264	.0329406	.1705209
Stddev	.0007739	.0002064	.0003602	3.676	.0000824	.0013214
%RSD	.2924051	2.162732	.1811416	.2485007	.2501963	.7748974

#1	.2648276	.0093246	.1988758	1477.644	.0328509	.1690840
#2	.2653226	.0097346	.1984692	1476.676	.0330130	.1716837
#3	.2638052	.0095709	.1991875	1483.472	.0329578	.1707950

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1830925	293.5302	F 38.84386	777.8238	.1606816	.0154154
Stddev	.0041846	1.7811	.25538	5.6585	.0009151	.0002013
%RSD	2.285515	.6067856	.6574565	.7274847	.5695393	1.305975

#1	.1808759	294.3053	38.92685	780.6642	.1611812	.0152155
#2	.1879192	294.7924	39.04742	781.4995	.1596254	.0154127
#3	.1804826	291.4929	38.55730	771.3077	.1612382	.0156181

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.133919	.1529556	9.999188	-.595330	2.888113	.3696959
Stddev	.360806	.0038132	.009759	.034543	.015925	.0047866
%RSD	16.90813	2.493015	.0975955	5.802258	.5513972	1.294750

#1	1.884003	.1488294	9.997183	-.633907	2.891172	.3733227
#2	2.547559	.1563496	9.990587	-.567263	2.870880	.3714945
#3	1.970195	.1536878	10.00979	-.584821	2.902286	.3642705

Sample Name: J4536-07 Acquired: 8/21/2018 14:27:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB36 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009722	17.70293	1.153349	-.002764	.1581574	.0325263
Stddev	.0001941	.14594	.007164	.002165	.0022312	.0021662
%RSD	19.96457	.8243861	.6211796	78.33376	1.410720	6.659973

#1	.0011669	17.64099	1.150370	-.005255	.1597619	.0308148
#2	.0009710	17.59818	1.161523	-.001332	.1591008	.0318023
#3	.0007787	17.86962	1.148155	-.001705	.1556095	.0349618

Elem	Sr4077
Units	ppm
Avg	.3897422
Stddev	.0023521
%RSD	.6035039

#1	.3913387
#2	.3908467
#3	.3870411

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1730.137	2170.926	42540.58	5346.054	2559.580
Stddev	4.517	3.093	72.75	23.141	6.300
%RSD	.2610689	.1424760	.1710152	.4328557	.2461295

#1	1734.755	2173.062	42569.92	5367.802	2561.308
#2	1729.929	2172.336	42594.08	5321.736	2564.836
#3	1725.728	2167.379	42457.74	5348.625	2552.597

Sample Name: J4536-08 Acquired: 8/21/2018 14:31:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0853798	.0217134	19.57718	.0137894	.0168785	14.64891
Stddev	.0100684	.0046270	.04922	.0037288	.0018735	.09742
%RSD	11.79248	21.30965	.2513994	27.04086	11.09969	.6650214

#1	.0786654	.0221724	19.53281	.0142117	.0188414	14.53661
#2	.0805175	.0260938	19.56860	.0098674	.0151095	14.69941
#3	.0969565	.0168739	19.63012	.0172890	.0166847	14.71070

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4840963	.0109720	.3110615	F 1404.424	.0376222	.1876945
Stddev	.0014169	.0001598	.0017198	15.187	.0006314	.0004372
%RSD	.2926899	1.455941	.5528701	1.081368	1.678308	.2329534

#1	.4827057	.0111431	.3103240	1387.042	.0382574	.1877295
#2	.4855381	.0109463	.3098335	1411.106	.0376145	.1872407
#3	.4840451	.0108267	.3130270	1415.125	.0369947	.1881131

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2942550	331.7471	F 39.22222	738.6402	.1899754	.0203824
Stddev	.0040582	.6182	.09664	.9063	.0019235	.0001768
%RSD	1.379150	.1863334	.2463943	.1227022	1.012521	.8676616

#1	.2924682	331.0674	39.12013	737.5942	.1910183	.0201782
#2	.2913968	331.8984	39.23424	739.1349	.1877557	.0204840
#3	.2989001	332.2756	39.31229	739.1915	.1911523	.0204851

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.300025	.1977929	16.42712	-.399142	3.032648	.4145235
Stddev	.318346	.0075593	.19301	.027489	.016887	.0040663
%RSD	13.84096	3.821842	1.174927	6.886926	.5568382	.9809589

#1	2.629528	.2056933	16.59370	-.426995	3.033279	.4191210
#2	2.276394	.1970569	16.21561	-.398399	3.015454	.4113989
#3	1.994153	.1906285	16.47204	-.372033	3.049211	.4130507

Sample Name: J4536-08 Acquired: 8/21/2018 14:31:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB37 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011833	22.33187	1.276223	.0011247	.1845381	.0347666
Stddev	.0004939	.09026	.015759	.0022876	.0034523	.0014256
%RSD	41.73434	.4041628	1.234830	203.4077	1.870763	4.100423

#1	.0008608	22.29601	1.260642	-.000847	.1832362	.0359647
#2	.0017518	22.26506	1.275871	.003633	.1819260	.0351451
#3	.0009373	22.43455	1.292155	.000587	.1884520	.0331899

Elem	Sr4077
Units	ppm
Avg	.3865985
Stddev	.0021364
%RSD	.5526163

#1	.3841321
#2	.3877905
#3	.3878729

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1732.917	2166.103	42691.25	5412.434	2550.653
Stddev	9.203	4.679	49.12	43.044	9.614
%RSD	.5310914	.2159967	.1150601	.7952784	.3769400

#1	1723.446	2170.108	42661.79	5460.570	2557.030
#2	1741.827	2167.239	42663.99	5399.092	2555.334
#3	1733.478	2160.960	42747.95	5377.641	2539.594

Sample Name: J4536-09 Acquired: 8/21/2018 14:35:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0598019	.0183918	23.91657	.0095887	.0124636	11.41297
Stddev	.0063177	.0011930	.06225	.0021410	.0015121	.03879
%RSD	10.56431	6.486808	.2602659	22.32899	12.13242	.3398871

#1	.0537238	.0195372	23.87054	.0083944	.0121822	11.43755
#2	.0663346	.0184822	23.89178	.0120605	.0111119	11.43310
#3	.0593475	.0171562	23.98739	.0083111	.0140967	11.36825

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2033234	.0093618	.2381474	F 1438.947	.0363720	.1800279
Stddev	.0010365	.0001430	.0010678	14.952	.0009252	.0001845
%RSD	.5097721	1.527061	.4483825	1.039092	2.543700	.1025083

#1	.2022853	.0094751	.2373376	1421.716	.0373868	.1799077
#2	.2043582	.0092012	.2377470	1448.504	.0355755	.1802404
#3	.2033269	.0094092	.2393575	1446.621	.0361536	.1799356

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1268310	291.1182	F 35.61952	748.9660	.1739906	.0172410
Stddev	.0029561	1.0028	.12694	3.3062	.0019824	.0003754
%RSD	2.330780	.3444658	.3563859	.4414327	1.139354	2.177249

#1	.1257578	290.2340	35.53801	746.5599	.1724867	.0172457
#2	.1245614	292.2078	35.76578	752.7360	.1732480	.0176140
#3	.1301739	290.9126	35.55476	747.6022	.1762370	.0168633

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.093614	.1466716	12.50942	-.624373	2.790271	.3723732
Stddev	.412373	.0052416	.08199	.067542	.008767	.0038916
%RSD	19.69673	3.573695	.6554304	10.81764	.3142063	1.045071

#1	1.670164	.1407266	12.48719	-.690330	2.797019	.3704573
#2	2.493937	.1486606	12.60024	-.555350	2.780362	.3768512
#3	2.116741	.1506276	12.44084	-.627438	2.793433	.3698109

Sample Name: J4536-09 Acquired: 8/21/2018 14:35:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB38 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023751	19.06276	1.527047	.0326434	.1964838	.0324782
Stddev	.0006236	.07016	.018879	.0025099	.0018281	.0018161
%RSD	26.25670	.3680637	1.236318	7.688864	.9303880	5.591778

#1	.0027563	19.11556	1.507767	.0298317	.1985079	.0328596
#2	.0027137	18.98314	1.545498	.0346576	.1959906	.0340732
#3	.0016554	19.08956	1.527876	.0334410	.1949530	.0305016

Elem	Sr4077
Units	ppm
Avg	.3808726
Stddev	.0018838
%RSD	.4946101

#1	.3798754
#2	.3830455
#3	.3796971

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1695.836	2137.728	41777.50	5281.606	2538.549
Stddev	13.431	8.839	164.75	29.192	8.454
%RSD	.7920187	.4134651	.3943406	.5527164	.3330437

#1	1711.212	2139.152	41921.57	5314.937	2540.874
#2	1686.390	2145.769	41597.89	5260.585	2545.597
#3	1689.907	2128.264	41813.04	5269.296	2529.175

Sample Name: J4536-10 Acquired: 8/21/2018 14:39:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB39 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0578655	.0180685	19.73210	.0145195	.0143070	11.99717
Stddev	.0031637	.0052402	.06614	.0033955	.0036594	.02606
%RSD	5.467270	29.00199	.3351926	23.38582	25.57740	.2171837

#1	.0608185	.0217029	19.67480	.0140907	.0143025	11.99910
#2	.0545266	.0204409	19.71702	.0181090	.0179686	11.97021
#3	.0582514	.0120616	19.80448	.0113587	.0106499	12.02221

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4300144	.0088032	.2608879	F 1378.222	.0487965	.1734540
Stddev	.0024196	.0000614	.0010469	10.180	.0005085	.0001747
%RSD	.5626829	.6977361	.4012717	.7386528	1.042020	.1007344

#1	.4273339	.0088738	.2604659	1383.855	.0488076	.1732603
#2	.4320372	.0087743	.2601180	1384.341	.0492993	.1735021
#3	.4306721	.0087617	.2620800	1366.470	.0482825	.1735996

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3142185	274.4384	F 36.48552	722.7065	.1554661	.0138834
Stddev	.0057534	1.4002	.13268	2.9393	.0013915	.0006599
%RSD	1.831003	.5101976	.3636444	.4067085	.8950324	4.753307

#1	.3081539	273.2001	36.33927	719.7524	.1540797	.0138670
#2	.3149021	274.1573	36.51912	722.7363	.1554561	.0132319
#3	.3195995	275.9578	36.59817	725.6308	.1568626	.0145514

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.947812	.1567189	12.88566	-.597650	2.372148	.3416112
Stddev	.083452	.0031204	.16454	.059313	.005446	.0066195
%RSD	4.284406	1.991093	1.276930	9.924382	.2295894	1.937727

#1	1.936978	.1531171	12.77622	-.648201	2.366190	.3343150
#2	2.036153	.1584359	13.07488	-.612392	2.373383	.3432867
#3	1.870307	.1586038	12.80587	-.532356	2.376870	.3472320

Sample Name: J4536-10 Acquired: 8/21/2018 14:39:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB39 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018011	15.13523	1.197006	-.007049	.1890017	.0313003
Stddev	.0003730	.03079	.016399	.000509	.0023270	.0005473
%RSD	20.71249	.2034655	1.369988	7.220602	1.231189	1.748587

#1	.0017026	15.10262	1.189662	-.007076	.1863883	.0311253
#2	.0014872	15.16381	1.215794	-.006527	.1897681	.0319137
#3	.0022135	15.13925	1.185564	-.007544	.1908489	.0308619

Elem	Sr4077
Units	ppm
Avg	.3855212
Stddev	.0019422
%RSD	.5037910

#1	.3835374
#2	.3856071
#3	.3874190

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1700.809	2127.508	41840.87	5251.697	2543.499
Stddev	19.597	7.089	95.14	8.458	5.711
%RSD	1.152219	.3332061	.2273944	.1610490	.2245367

#1	1711.811	2127.943	41941.49	5252.270	2547.182
#2	1678.183	2134.370	41752.37	5259.853	2546.395
#3	1712.433	2120.212	41828.73	5242.967	2536.920

Sample Name: J4536-11 Acquired: 8/21/2018 14:43:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0546157	.0261171	37.67222	.0122192	.0179752	14.25688
Stddev	.0072817	.0012988	.18622	.0058912	.0021634	.05538
%RSD	13.33263	4.972903	.4943083	48.21264	12.03531	.3884439

#1	.0562537	.0262464	37.59532	.0055889	.0194218	14.29302
#2	.0609389	.0273463	37.53677	.0142171	.0190156	14.28450
#3	.0466545	.0247585	37.88457	.0168516	.0154882	14.19312

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2541239	.0115752	.2511995	F 1601.777	.0429682	.1952210
Stddev	.0010516	.0000643	.0010851	11.167	.0012357	.0014601
%RSD	.4138032	.5554953	.4319818	.6971507	2.875850	.7479056

#1	.2549697	.0115490	.2501641	1589.467	.0423637	.1943514
#2	.2544556	.0116485	.2511062	1611.254	.0443897	.1944050
#3	.2529465	.0115281	.2523283	1604.610	.0421511	.1969067

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5112472	341.9404	F 42.30284	F 829.8709	.2207044	.0165628
Stddev	.0038628	1.3815	.17395	2.4601	.0017958	.0003945
%RSD	.7555679	.4040190	.4111966	.2964492	.8136488	2.381715

#1	.5156964	343.4936	42.49101	832.6995	.2188639	.0167358
#2	.5087489	340.8487	42.14792	828.2302	.2207976	.0161114
#3	.5092963	341.4790	42.26958	828.6828	.2224518	.0168412

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.604921	.1588528	11.23851	-.442664	2.699458	.4408265
Stddev	.471421	.0018867	.09535	.088152	.026914	.0057368
%RSD	18.09733	1.187684	.8483893	19.91399	.9970208	1.301379

#1	2.356170	.1569635	11.34157	-.451739	2.676168	.4461668
#2	2.309976	.1607368	11.22052	-.350325	2.693282	.4347620
#3	3.148618	.1588582	11.15345	-.525927	2.728923	.4415507

Sample Name: J4536-11 Acquired: 8/21/2018 14:43:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB40 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012113	22.12324	1.265088	.0003964	.1931827	.0409634
Stddev	.0001968	.12064	.010721	.0003247	.0033780	.0017665
%RSD	16.24486	.5452885	.8474263	81.90462	1.748594	4.312313

#1	.0012353	22.03423	1.270713	.0000328	.1920473	.0414206
#2	.0013950	22.07494	1.271825	.0006574	.1905187	.0390132
#3	.0010037	22.26054	1.252725	.0004991	.1969821	.0424563

Elem	Sr4077
Units	ppm
Avg	.4194410
Stddev	.0009487
%RSD	.2261805

#1	.4203962
#2	.4184990
#3	.4194279

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1708.535	2131.354	42023.24	5255.327	2493.904
Stddev	3.321	9.485	29.20	17.526	13.343
%RSD	.1944040	.4450219	.0694860	.3334964	.5350256

#1	1704.887	2135.298	41998.65	5262.497	2502.562
#2	1711.385	2138.231	42015.54	5235.353	2500.612
#3	1709.333	2120.534	42055.51	5268.132	2478.538

Sample Name: J4536-12 Acquired: 8/21/2018 14:48:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0483209	.0257563	29.59519	.0147202	.0114117	10.85179
Stddev	.0063202	.0016017	.10040	.0021051	.0011540	.01224
%RSD	13.07956	6.218787	.3392383	14.30046	10.11220	.1127511

#1	.0442828	.0272878	29.48276	.0126125	.0106663	10.83767
#2	.0450755	.0258886	29.62692	.0147256	.0108278	10.85871
#3	.0556044	.0240925	29.67589	.0168226	.0127409	10.85901

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3295856	.0086778	.3296737	F 1569.269	.0379370	.1319004
Stddev	.0017488	.0002122	.0013337	12.701	.0008066	.0001805
%RSD	.5306168	2.445566	.4045437	.8093676	2.126216	.1368367

#1	.3293056	.0084567	.3284873	1557.936	.0381352	.1317113
#2	.3279936	.0086968	.3294166	1566.874	.0370498	.1319191
#3	.3314575	.0088799	.3311172	1582.997	.0386261	.1320708

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2637944	283.7719	F 39.31544	F 833.8729	.1440119	.0272216
Stddev	.0070359	1.2184	.15385	3.4502	.0011448	.0002855
%RSD	2.667197	.4293688	.3913149	.4137560	.7949217	1.048879

#1	.2569813	283.3808	39.24960	832.5550	.1426902	.0269664
#2	.2633681	282.7971	39.20546	831.2759	.1446943	.0271684
#3	.2710338	285.1379	39.49125	837.7878	.1446512	.0275300

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.221714	.1525327	16.02472	-.677506	2.171789	.3604638
Stddev	.026703	.0088581	.09879	.093416	.009243	.0034951
%RSD	1.201913	5.807320	.6164541	13.78815	.4255891	.9696088

#1	2.249102	.1449108	15.93245	-.764896	2.161118	.3578117
#2	2.195753	.1504365	16.12893	-.688572	2.177312	.3591555
#3	2.220287	.1622509	16.01278	-.579051	2.176936	.3644243

Sample Name: J4536-12 Acquired: 8/21/2018 14:48:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB41 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029761	20.37694	1.124405	.0015995	.1857378	.0384628
Stddev	.0004893	.07080	.016477	.0022243	.0027526	.0020364
%RSD	16.44047	.3474393	1.465356	139.0609	1.481988	5.294468

#1	.0024181	20.33441	1.113423	-.000193	.1880716	.0362178
#2	.0031785	20.45867	1.116441	.000903	.1827022	.0401910
#3	.0033317	20.33775	1.143350	.004089	.1864396	.0389797

Elem	Sr4077
Units	ppm
Avg	.4173180
Stddev	.0009559
%RSD	.2290564

#1	.4183605
#2	.4164827
#3	.4171108

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1706.099	2135.591	42059.33	5280.313	2519.886
Stddev	10.470	9.760	95.04	13.633	8.868
%RSD	.6136664	.4570162	.2259609	.2581927	.3519176

#1	1718.176	2143.593	41973.29	5292.664	2525.114
#2	1699.586	2138.463	42161.35	5282.591	2524.898
#3	1700.535	2124.718	42043.37	5265.684	2509.647

Sample Name: J4536-13 Acquired: 8/21/2018 14:52:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0548528	.0218849	22.25024	.0144804	.0130882	9.870763
Stddev	.0007481	.0043955	.05410	.0045024	.0020627	.027978
%RSD	1.363843	20.08444	.2431653	31.09329	15.76020	.2834473

#1	.0540683	.0249467	22.21850	.0185302	.0146281	9.863283
#2	.0549319	.0238596	22.21951	.0096322	.0107446	9.847285
#3	.0555582	.0168484	22.31271	.0152788	.0138919	9.901721

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2713408	.0087198	.2506847	F 1452.547	.0431423	.1299694
Stddev	.0013493	.0001372	.0014293	13.059	.0006198	.0004885
%RSD	.4972618	1.572910	.5701463	.8990232	1.436725	.3758724

#1	.2697832	.0087254	.2497536	1466.888	.0437654	.1299775
#2	.2720904	.0088541	.2499701	1441.342	.0425258	.1294769
#3	.2721489	.0085800	.2523303	1449.411	.0431356	.1304539

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0850444	269.3699	F 35.64953	775.6991	.1279011	.0199490
Stddev	.0028095	1.2927	.15669	3.8828	.0003111	.0004988
%RSD	3.303573	.4798879	.4395370	.5005486	.2432620	2.500210

#1	.0877725	268.3802	35.53585	772.8582	.1282521	.0203965
#2	.0852006	270.8324	35.82827	780.1233	.1276591	.0200390
#3	.0821600	268.8972	35.58447	774.1158	.1277922	.0194113

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.161951	.1474197	12.44348	-.780001	2.791239	.3376857
Stddev	.182037	.0099241	.08489	.071860	.008365	.0057378
%RSD	8.420040	6.731844	.6822116	9.212799	.2996759	1.699155

#1	2.154019	.1467285	12.41988	-.813827	2.782230	.3332093
#2	2.347825	.1378593	12.53768	-.828706	2.792726	.3441540
#3	1.984010	.1576712	12.37289	-.697470	2.798760	.3356938

Sample Name: J4536-13 Acquired: 8/21/2018 14:52:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB42 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013622	19.11998	1.126953	-.000670	.1403642	.0309851
Stddev	.0002947	.03074	.012671	.001875	.0039100	.0032214
%RSD	21.63514	.1607553	1.124328	279.8145	2.785636	10.39666

#1	.0013945	19.09767	1.114044	.001357	.1390021	.0275682
#2	.0010527	19.10723	1.139371	-.002342	.1373175	.0314203
#3	.0016395	19.15504	1.127444	-.001026	.1447732	.0339668

Elem	Sr4077
Units	ppm
Avg	.3985837
Stddev	.0002296
%RSD	.0575994

#1	.3983969
#2	.3988400
#3	.3985142

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1715.820	2134.144	42181.87	5265.618	2525.280
Stddev	18.750	5.576	234.30	18.560	9.893
%RSD	1.092799	.2612724	.5554514	.3524683	.3917686

#1	1724.541	2140.273	42183.18	5285.262	2533.030
#2	1694.297	2132.787	41946.92	5248.376	2528.674
#3	1728.622	2129.372	42415.51	5263.217	2514.137

Sample Name: J4536-14 Acquired: 8/21/2018 14:56:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0671065	.0252734	24.91925	.0138772	.0139800	10.95731
Stddev	.0030574	.0041494	.07597	.0055147	.0008425	.02329
%RSD	4.556007	16.41796	.3048555	39.73954	6.026350	.2125091

#1	.0680010	.0210358	24.83390	.0201781	.0130660	10.97974
#2	.0637016	.0293285	24.94441	.0115244	.0147255	10.93325
#3	.0696168	.0254560	24.97946	.0099291	.0141484	10.95894

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3935298	.0099392	.2887370	F 1543.145	.0455359	.1636687
Stddev	.0019812	.0000930	.0010069	10.835	.0003800	.0004690
%RSD	.5034334	.9359425	.3487204	.7021109	.8345461	.2865739

#1	.3930515	.0100413	.2880713	1544.202	.0455137	.1632750
#2	.3918316	.0098592	.2882444	1553.413	.0451674	.1635433
#3	.3957064	.0099171	.2898954	1531.821	.0459265	.1641876

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2454817	303.1779	F 40.72209	F 814.4204	.1544022	.0169066
Stddev	.0086956	.0126	.06638	.2627	.0013361	.0002155
%RSD	3.542260	.0041428	.1630068	.0322512	.8653463	1.274442

#1	.2554350	303.1638	40.78734	814.7194	.1532060	.0171476
#2	.2416504	303.1822	40.65463	814.3154	.1541565	.0168395
#3	.2393597	303.1877	40.72430	814.2265	.1558441	.0167327

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.204355	.1598565	14.39120	-.956699	2.879959	.3784677
Stddev	.294641	.0021695	.13906	.108508	.004577	.0027909
%RSD	13.36632	1.357156	.9663175	11.34192	.1589203	.7374089

#1	1.865774	.1613403	14.46781	-.979218	2.875308	.3778470
#2	2.402553	.1608625	14.23068	-1.05218	2.884458	.3760395
#3	2.344738	.1573666	14.47512	-.83870	2.880112	.3815167

Sample Name: J4536-14 Acquired: 8/21/2018 14:56:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB43 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012000	20.74343	1.124566	-.004476	.1435477	.0348356
Stddev	.0002663	.06778	.005432	.001377	.0029643	.0016782
%RSD	22.19131	.3267403	.4830389	30.76362	2.065026	4.817379

#1	.0013343	20.66590	1.130380	-.003024	.1422654	.0359192
#2	.0008933	20.77298	1.123698	-.005763	.1414404	.0329025
#3	.0013725	20.79143	1.119621	-.004643	.1469373	.0356849

Elem	Sr4077
Units	ppm
Avg	.4166075
Stddev	.0004622
%RSD	.1109368

#1	.4171180
#2	.4164871
#3	.4162175

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1712.491	2140.516	42272.59	5288.978	2512.187
Stddev	3.126	9.048	43.48	17.250	10.516
%RSD	.1825401	.4226943	.1028465	.3261445	.4185989

#1	1716.079	2150.919	42316.92	5276.153	2524.326
#2	1711.036	2134.477	42230.02	5282.191	2505.841
#3	1710.358	2136.152	42270.85	5308.588	2506.394

Sample Name: J4536-15 Acquired: 8/21/2018 15:00:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0457900	.0214929	15.36714	.0089868	.0154632	10.31394
Stddev	.0044226	.0047764	.02616	.0034032	.0026053	.07940
%RSD	9.658451	22.22307	.1702406	37.86876	16.84861	.7698741

#1	.0408696	.0269237	15.39733	.0102004	.0175772	10.25493
#2	.0494340	.0196105	15.35286	.0116169	.0162599	10.28269
#3	.0470664	.0179446	15.35122	.0051432	.0125526	10.40422

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2288105	.0079499	.1692667	F 1321.676	.0381124	.1353138
Stddev	.0011802	.0000826	.0002568	22.582	.0007245	.0008068
%RSD	.5158152	1.039422	.1517402	1.708616	1.901017	.5962203

#1	.2294691	.0078725	.1695599	1303.973	.0374625	.1355976
#2	.2274480	.0080369	.1690812	1347.108	.0388936	.1344035
#3	.2295145	.0079402	.1691592	1313.946	.0379813	.1359403

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1598192	253.5243	F 33.92681	696.2720	.1246363	.0114767
Stddev	.0024985	.3683	.04591	2.0311	.0007082	.0002524
%RSD	1.563351	.1452648	.1353111	.2917061	.5681779	2.199176

#1	.1618484	253.6877	33.95061	697.4939	.1254043	.0113559
#2	.1570285	253.7825	33.95592	697.3946	.1240091	.0117668
#3	.1605806	253.1025	33.87389	693.9274	.1244954	.0113075

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.869603	.1403166	8.903561	-1.07273	2.694755	.3232298
Stddev	.315951	.0023851	.147183	.10063	.011086	.0010041
%RSD	16.89936	1.699816	1.653083	9.380903	.4114081	.3106526

#1	1.670186	.1430557	8.778490	-.96293	2.704609	.3226012
#2	2.233886	.1391960	8.866443	-1.16057	2.682751	.3227004
#3	1.704737	.1386982	9.065750	-1.09469	2.696904	.3243879

Sample Name: J4536-15 Acquired: 8/21/2018 15:00:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB44 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014821	13.04490	1.102600	-.007404	.1787965	.0262433
Stddev	.0003862	.07038	.004354	.000235	.0014941	.0015831
%RSD	26.05909	.5394882	.3948908	3.168921	.8356354	6.032502

#1	.0015321	13.03684	1.098658	-.007396	.1774652	.0263306
#2	.0010734	12.97890	1.101869	-.007174	.1804125	.0277810
#3	.0018409	13.11896	1.107273	-.007643	.1785119	.0246183

Elem	Sr4077
Units	ppm
Avg	.3509899
Stddev	.0002458
%RSD	.0700213

#1	.3507233
#2	.3510388
#3	.3512075

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1709.844	2149.864	41933.57	5211.623	2580.346
Stddev	7.145	1.160	103.52	26.938	1.100
%RSD	.4178860	.0539626	.2468556	.5168802	.0426390

#1	1701.599	2150.686	41843.74	5205.046	2580.386
#2	1713.705	2150.370	41910.20	5188.583	2581.426
#3	1714.229	2148.537	42046.77	5241.241	2579.226

Sample Name: J4536-16 Acquired: 8/21/2018 15:04:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB45 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0596537	.0201876	23.57567	.0096669	.0148456	12.16866
Stddev	.0051665	.0043984	.09217	.0018668	.0010525	.01708
%RSD	8.660904	21.78749	.3909505	19.31105	7.089762	.1403872

#1	.0625126	.0249339	23.47850	.0077974	.0155880	12.16260
#2	.0627590	.0193800	23.58667	.0096723	.0136411	12.15543
#3	.0536896	.0162491	23.66185	.0115310	.0153078	12.18795

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3432485	.0107967	.2048088	F 1541.586	.0437151	.2174505
Stddev	.0015226	.0001443	.0008067	4.041	.0008892	.0013957
%RSD	.4435847	1.336393	.3938931	.2621463	2.033992	.6418647

#1	.3424921	.0108538	.2040982	1542.089	.0429439	.2166431
#2	.3450012	.0106326	.2046425	1545.351	.0435137	.2166463
#3	.3422522	.0109037	.2056857	1537.316	.0446877	.2190622

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3686480	F 321.4204	F 41.77122	F 791.7670	.2098504	.0126471
Stddev	.0036242	1.1840	.14561	1.8594	.0010597	.0010706
%RSD	.9831008	.3683800	.3485807	.2348365	.5049843	8.464942

#1	.3723627	322.2636	41.84042	793.6134	.2092764	.0133348
#2	.3651217	320.0668	41.60392	789.8949	.2110733	.0114136
#3	.3684595	321.9309	41.86932	791.7926	.2092015	.0131928

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.390729	.1718307	9.605049	-.588317	3.164902	.3952406
Stddev	.138549	.0059372	.161238	.033995	.011614	.0035990
%RSD	5.795252	3.455261	1.678681	5.778333	.3669763	.9105984

#1	2.236185	.1726865	9.430041	-.549454	3.153874	.3911027
#2	2.432184	.1655121	9.747571	-.602968	3.163806	.3969752
#3	2.503818	.1772936	9.637534	-.612531	3.177025	.3976439

Sample Name: J4536-16 Acquired: 8/21/2018 15:04:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB45 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013428	17.22739	1.139194	.0069134	.2142409	.0342736
Stddev	.0003291	.01898	.008373	.0015314	.0047826	.0013250
%RSD	24.50565	.1101736	.7349867	22.15113	2.232341	3.866046

#1	.0014269	17.20955	1.147256	.0058934	.2104820	.0357333
#2	.0009798	17.22529	1.139786	.0061726	.2196241	.0331467
#3	.0016215	17.24733	1.130541	.0086744	.2126166	.0339407

Elem	Sr4077
Units	ppm
Avg	.3971136
Stddev	.0010424
%RSD	.2625012

#1	.3977312
#2	.3959101
#3	.3976995

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1713.431	2145.606	42021.28	5241.939	2517.130
Stddev	19.228	4.841	250.32	35.082	1.978
%RSD	1.122209	.2256403	.5956977	.6692598	.0785994

#1	1717.302	2142.728	42073.18	5208.092	2518.645
#2	1692.562	2151.196	41749.08	5278.138	2517.852
#3	1730.429	2142.895	42241.58	5239.585	2514.891

Sample Name: J4536-17 Acquired: 8/21/2018 15:08:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB46 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8167136	-.015987	.3907865	.1547970	.4549363	16.74376	.0543997
Stddev	.0094354	.001075	.0028973	.0017461	.0012130	.10682	.0003912
%RSD	1.155291	6.722040	.7413903	1.127974	.2666389	.6379666	.7192018

#1	.8080693	-.017222	.3927258	.1561114	.4539906	16.68826	.0545615
#2	.8152924	-.015268	.3921777	.1528158	.4545144	16.67612	.0539535
#3	.8267789	-.015471	.3874560	.1554639	.4563040	16.86691	.0546842

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2634961	.1778602	8.466320	.0281658	.3248582	.2623851	39.62158
Stddev	.0004952	.0006955	.020915	.0002292	.0016133	.0059576	.14638
%RSD	.1879236	.3910280	.2470406	.8138033	.4966160	2.270556	.3694372

#1	.2633491	.1775252	8.447063	.0279605	.3242561	.2680302	39.75077
#2	.2640482	.1773957	8.463327	.0284131	.3236325	.2561578	39.46260
#3	.2630912	.1786598	8.488571	.0281238	.3266859	.2629673	39.65138

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3687692	58.80400	.3661330	.0764161	38.48981	1.317784	.0942118
Stddev	.0045811	.15493	.0010690	.0004786	.25618	.010184	.0177693
%RSD	1.242261	.2634742	.2919653	.6263579	.6655786	.7728027	18.86098

#1	.3736335	58.97839	.3664615	.0758693	38.58808	1.323982	.1131814
#2	.3681371	58.75140	.3649383	.0766197	38.19905	1.306030	.0914993
#3	.3645370	58.68222	.3669992	.0767593	38.68231	1.323339	.0779548

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522887	.1154415	.0968195	.0030767	.9028087	1.264900	.0008395
Stddev	.0088208	.0005596	.0012941	.0003561	.0072202	.005266	.0004049
%RSD	16.86950	.4847277	1.336584	11.57433	.7997490	.4163323	48.22763

#1	.0491234	.1149470	.0957100	.0032821	.8944889	1.270658	.0004573
#2	.0454874	.1153287	.0965075	.0026655	.9065017	1.260329	.0012638
#3	.0622555	.1160489	.0982411	.0032825	.9074354	1.263712	.0007975

Sample Name: J4536-17 Acquired: 8/21/2018 15:08:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB46 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5344788	-.003571	.0216979
Stddev	.0031730	.002296	.0000540
%RSD	.5936590	64.28153	.2489360

#1	.5328897	-.005575	.0216442
#2	.5381324	-.001067	.0217523
#3	.5324144	-.004071	.0216971

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.513	2280.856	42839.49	5142.008	3186.959
Stddev	7.983	5.340	168.42	11.982	4.062
%RSD	.4421654	.2341074	.3931497	.2330157	.1274591

#1	1796.392	2286.297	42745.41	5132.375	3190.459
#2	1811.230	2280.646	43033.94	5138.225	3187.912
#3	1808.916	2275.624	42739.14	5155.425	3182.505

Sample Name: CCV098 Acquired: 8/21/2018 15:12:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.809602	4.715782	23.85006	4.586993	4.700292	408.3122	9.613797
Stddev	.024225	.021611	.13440	.030453	.017744	.4429	.015889
%RSD	.5036725	.4582635	.5635399	.6638883	.3775103	.1084771	.1652681

#1	4.789795	4.714693	23.76181	4.570670	4.689739	408.7349	9.632143
#2	4.802400	4.694737	23.78362	4.568182	4.690359	408.3500	9.604619
#3	4.836611	4.737917	24.00474	4.622127	4.720778	407.8515	9.604628

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4774635	2.396428	393.0579	14.71685	2.420646	14.57344	402.3796
Stddev	.0014329	.013232	.4511	.02005	.012424	.02737	1.3870
%RSD	.3001155	.5521666	.1147549	.1362414	.5132638	.1878091	.3447110

#1	.4785128	2.391152	393.4190	14.69373	2.414077	14.59692	402.7379
#2	.4758309	2.386647	393.2023	14.72720	2.412885	14.58002	403.5523
#3	.4780468	2.411484	392.5523	14.72960	2.434976	14.54338	400.8485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.98110	393.2626	2.438747	1.189893	382.6248	2.364251	14.07214
Stddev	.03608	.8589	.014976	.002894	.5956	.017312	.14927
%RSD	.2580890	.2183963	.6140773	.2431782	.1556732	.7322542	1.060742

#1	13.99340	394.0764	2.430434	1.193070	383.2772	2.363439	14.06370
#2	14.00942	393.3466	2.429771	1.187408	382.1098	2.381956	14.22546
#3	13.94047	392.3648	2.456035	1.189201	382.4875	2.347360	13.92728

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.2785	5.255853	4.957779	4.718752	4.922346	4.631122	4.903053
Stddev	.3698	.021763	.017236	.018598	.022414	.022690	.031764
%RSD	.2493861	.4140759	.3476601	.3941218	.4553593	.4899366	.6478321

#1	147.8941	5.239668	4.965357	4.713578	4.908781	4.635682	4.891629
#2	148.3097	5.247297	4.938052	4.703289	4.910039	4.606499	4.878581
#3	148.6317	5.280594	4.969928	4.739389	4.948218	4.651186	4.938949

Sample Name: CCV098 Acquired: 8/21/2018 15:12:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV098 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.865732	4.881854	4.864466
Stddev	.010691	.004414	.004888
%RSD	.2197112	.0904160	.1004798

#1	4.867544	4.881442	4.862919
#2	4.875401	4.886459	4.869940
#3	4.854252	4.877660	4.860539

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1567.779	1952.409	38942.62	4873.109	2670.714
Stddev	13.148	7.224	168.19	17.928	13.039
%RSD	.8386088	.3699807	.4319034	.3678998	.4882302

#1	1577.104	1953.392	39124.50	4890.875	2674.669
#2	1552.742	1959.090	38792.70	4873.428	2681.318
#3	1573.493	1944.744	38910.66	4855.023	2656.155

Sample Name: CCB098 Acquired: 8/21/2018 15:16:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000703	-.000254	.0049465	.0001268	.0001403	-.007991	-.000417
Stddev	.001663	.001541	.0004369	.0020963	.0026492	.004627	.000660
%RSD	236.4830	607.4816	8.831960	1653.012	1887.811	57.90443	158.3049

#1	.000992	-.002031	.0054270	.0017057	-.002836	-.013046	-.000219
#2	-.000769	.000716	.0048392	-.002252	.002241	-.006960	-.001154
#3	-.002332	.000554	.0045732	.000926	.001016	-.003966	.000122

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000058	-.000149	.0205576	-.000091	-.000441	.0037113	-.019781
Stddev	.000034	.000048	.0146319	.000566	.000266	.0015216	.009605
%RSD	58.44413	32.41966	71.17533	623.2342	60.36862	40.99941	48.55538

#1	-.000035	-.000108	.0289687	-.000019	-.000254	.0052710	-.015309
#2	-.000097	-.000202	.0036621	-.000689	-.000745	.0036319	-.030806
#3	-.000042	-.000136	.0290420	.000435	-.000323	.0022309	-.013228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000367	.0057883	-.000405	.0005009	-.295712	.0031799	-.009308
Stddev	.001846	.0362337	.000381	.0004426	.086236	.0003424	.018459
%RSD	503.3510	625.9812	94.14627	88.35484	29.16222	10.76701	198.3242

#1	-.001796	.0005846	-.000750	.0000369	-.358401	.0028488	-.022406
#2	-.001021	.0443425	.000004	.0005475	-.331369	.0035325	.011804
#3	.001717	-.027562	-.000468	.0009183	-.197366	.0031582	-.017321

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.184754	-.006355	-.000831	-.000246	-.005186	.0009234	-.001058
Stddev	.096690	.000377	.001423	.000477	.003301	.0019645	.000606
%RSD	52.33444	5.936885	171.2411	193.9993	63.65290	212.7394	57.23048

#1	-.133233	-.006719	-.001720	.000275	-.003813	-.000089	-.001118
#2	-.296295	-.006379	.000810	-.000661	-.002793	-.000328	-.001632
#3	-.124735	-.005966	-.001584	-.000351	-.008952	.003188	-.000425

Sample Name: CCB098 Acquired: 8/21/2018 15:16:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB098 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001121	-.001662	.0000457
Stddev	.002574	.001851	.0000656
%RSD	229.6127	111.3685	143.4720

#1	-.003928	-.003782	.0000038
#2	.001127	-.000831	.0000121
#3	-.000561	-.000372	.0001213

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1776.379	2236.411	41783.17	4978.150	3229.335
Stddev	15.650	5.211	148.23	39.342	9.555
%RSD	.8810170	.2329897	.3547567	.7902920	.2958845

#1	1793.371	2234.632	41949.17	4941.325	3226.424
#2	1762.555	2242.278	41664.06	4973.525	3240.007
#3	1773.213	2232.323	41736.27	5019.600	3221.574

Sample Name: J4425-05 Acquired: 8/21/2018 15:20:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138589	-.010622	.0825089	.0073061	.0047020	65.91090	.3335165
Stddev	.0003052	.001731	.0012698	.0036292	.0016340	.44463	.0013599
%RSD	2.201994	16.29463	1.539031	49.67343	34.75042	.6745853	.4077488

#1	.0135509	-.012128	.0836978	.0035377	.0057751	66.41930	.3349848
#2	.0138648	-.008731	.0811712	.0076027	.0028215	65.71864	.3323002
#3	.0141611	-.011007	.0826575	.0107779	.0055095	65.59476	.3332645

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050995	-.000713	4.766321	.1238271	.0315016	.0359154	87.49508
Stddev	.0000535	.000148	.055745	.0005286	.0008359	.0044747	.43437
%RSD	1.049351	20.73190	1.169556	.4268460	2.653467	12.45901	.4964515

#1	.0051612	-.000808	4.830532	.1232356	.0309815	.0369343	87.59615
#2	.0050655	-.000542	4.730311	.1239925	.0310576	.0310191	87.01908
#3	.0050717	-.000788	4.738121	.1242531	.0324658	.0397928	87.87000

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8516898	14.93315	.0866770	.0006580	.8191868	.1607089	.1560283
Stddev	.0073866	.12379	.0011879	.0004603	.3771237	.0083554	.0098190
%RSD	.8672888	.8289634	1.370444	69.95217	46.03634	5.199066	6.293102

#1	.8592005	15.00630	.0863421	.0009847	1.247986	.1671589	.1640943
#2	.8444339	14.79022	.0856926	.0001316	.670519	.1512702	.1588957
#3	.8514348	15.00292	.0879964	.0008578	.539055	.1636976	.1450947

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.415017	.9780239	.1002230	.0060083	.1773724	11.67966	.0088915
Stddev	.106734	.0118143	.0006573	.0003213	.0048413	.08305	.0011043
%RSD	3.125442	1.207979	.6557969	5.347132	2.729441	.7110591	12.41941

#1	3.480801	.9736336	.1009697	.0058880	.1817153	11.65274	.0088904
#2	3.291867	.9690331	.0999672	.0057645	.1721526	11.61341	.0099962
#3	3.472384	.9914048	.0997320	.0063723	.1782493	11.77283	.0077877

Sample Name: J4425-05 Acquired: 8/21/2018 15:20:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YR7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.789460	.0483548	.0708472
Stddev	.014847	.0015283	.0001897
%RSD	.3917913	3.160692	.2676931

#1	3.806028	.0500866	.0710033
#2	3.784989	.0471948	.0706361
#3	3.777362	.0477831	.0709022

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2170.379	2722.044	51606.55	6178.984	3174.658
Stddev	26.010	25.767	400.37	23.278	35.048
%RSD	1.198425	.9466123	.7758136	.3767359	1.103999

#1	2200.360	2722.356	52068.21	6164.349	3182.905
#2	2156.937	2747.654	51354.50	6205.827	3204.848
#3	2153.840	2696.122	51396.95	6166.775	3136.222

Sample Name: J4425-06 Acquired: 8/21/2018 15:24:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YR7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140081	-.009895	.0812964	.0072775	.0026990	64.72407	.3301382
Stddev	.0028596	.000789	.0011027	.0023969	.0018594	.19658	.0016126
%RSD	20.41421	7.971361	1.356411	32.93575	68.88934	.3037182	.4884585

#1	.0129231	-.010803	.0807533	.0099835	.0044429	64.49850	.3319730
#2	.0118497	-.009491	.0805705	.0054213	.0007425	64.81486	.3294959
#3	.0172515	-.009389	.0825653	.0064276	.0029118	64.85884	.3289458

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050822	-.000637	4.651570	.1335485	.0311377	.0384412	87.07688
Stddev	.0000388	.000114	.025316	.0005994	.0003460	.0019475	.71589
%RSD	.7625438	17.84917	.5442481	.4487897	1.111159	5.066240	.8221405

#1	.0051138	-.000765	4.623217	.1329167	.0313327	.0389568	87.86063
#2	.0050938	-.000549	4.671912	.1336200	.0307382	.0362878	86.45740
#3	.0050389	-.000596	4.659580	.1341090	.0313421	.0400791	86.91261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8387037	14.66475	.0954688	.0005683	.6310397	.1598233	.1757409
Stddev	.0043814	.14350	.0010994	.0003037	.1240504	.0076848	.0121260
%RSD	.5223970	.9785231	1.151552	53.44518	19.65810	4.808315	6.899959

#1	.8437310	14.79714	.0954730	.0006835	.5214297	.1683894	.1844398
#2	.8366815	14.51226	.0943673	.0002238	.6059840	.1535347	.1808935
#3	.8356987	14.68483	.0965661	.0007976	.7657055	.1575456	.1618895

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.287162	.9649952	.0982649	.0073532	.1742070	11.27295	.0073918
Stddev	.096345	.0026760	.0018772	.0001898	.0029053	.04541	.0008194
%RSD	2.930947	.2773043	1.910369	2.581674	1.667740	.4028343	11.08494

#1	3.388650	.9676070	.1004298	.0072164	.1723360	11.25687	.0071132
#2	3.196953	.9622594	.0970888	.0072733	.1727310	11.32422	.0083141
#3	3.275884	.9651192	.0972760	.0075700	.1775540	11.23777	.0067480

Sample Name: J4425-06 Acquired: 8/21/2018 15:24:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA3YR7D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.663143	.0469138	.0687382
Stddev	.017634	.0012886	.0003852
%RSD	.4813897	2.746836	.5603402

#1	3.642786	.0475455	.0685030
#2	3.672949	.0454312	.0685290
#3	3.673694	.0477647	.0691827

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2195.143	2771.502	52356.60	6288.619	3248.503
Stddev	19.521	8.517	254.07	15.844	5.877
%RSD	.8892918	.3073127	.4852608	.2519489	.1809022

#1	2192.526	2762.845	52155.01	6272.206	3243.156
#2	2177.063	2779.872	52272.82	6303.825	3254.795
#3	2215.841	2771.789	52641.98	6289.827	3247.560

Sample Name: J4425-07 Acquired: 8/21/2018 15:28:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YR7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0824576	.0971478	.1274080	.0876299	.1823559	69.49752	4.241312
Stddev	.0006641	.0004692	.0014521	.0035630	.0018313	.12980	.006949
%RSD	.8054398	.4830056	1.139726	4.065960	1.004269	.1867756	.1638312

#1	.0831362	.0976313	.1273640	.0910011	.1808985	69.59174	4.247851
#2	.0818089	.0971180	.1288816	.0879868	.1844116	69.34946	4.242069
#3	.0824276	.0966942	.1259783	.0839020	.1817575	69.55136	4.234016

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0990588	.1161290	4.707108	.4835513	1.203716	.5058038	89.39834
Stddev	.0007589	.0002925	.017975	.0025699	.005065	.0038213	.20517
%RSD	.7661164	.2518537	.3818680	.5314708	.4207470	.7554887	.2295037

#1	.0997505	.1161941	4.727862	.4846148	1.198306	.5089173	89.47216
#2	.0982470	.1158094	4.696472	.4854187	1.204499	.5015393	89.55638
#3	.0991789	.1163834	4.696992	.4806203	1.208344	.5069548	89.16647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.805220	14.85002	1.256831	.0873337	.8787846	1.132252	1.077821
Stddev	.007155	.07112	.005401	.0005529	.2143700	.005858	.012068
%RSD	.3963742	.4789296	.4297470	.6331040	24.39391	.5173420	1.119626

#1	1.805223	14.92238	1.250811	.0878376	1.121015	1.137441	1.071185
#2	1.812374	14.78021	1.258429	.0874213	.713534	1.133415	1.091750
#3	1.798063	14.84747	1.261252	.0867422	.801805	1.125901	1.070529

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.366066	.9822255	.0992991	.0023563	.1825208	11.51687	.0106611
Stddev	.057879	.0048388	.0011052	.0000390	.0045044	.07243	.0017641
%RSD	1.719488	.4926377	1.113046	1.654480	2.467868	.6288830	16.54699

#1	3.427941	.9772207	.0984374	.0023261	.1839945	11.56222	.0101184
#2	3.357006	.9825766	.0989146	.0024003	.1774642	11.43334	.0092322
#3	3.313251	.9868792	.1005452	.0023424	.1861038	11.55505	.0126329

Sample Name: J4425-07 Acquired: 8/21/2018 15:28:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA3YR7S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.762340	.0516251	.0702511
Stddev	.004844	.0010724	.0001652
%RSD	.1287617	2.077352	.2351669

#1	3.757060	.0525627	.0704417
#2	3.763382	.0518569	.0701494
#3	3.766579	.0504557	.0701623

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2141.921	2686.698	50830.75	6126.035	3135.665
Stddev	25.069	2.424	287.70	14.278	3.377
%RSD	1.170378	.0902082	.5659952	.2330776	.1076967

#1	2113.383	2685.455	50499.70	6113.990	3138.151
#2	2160.387	2685.148	50972.24	6141.808	3137.024
#3	2151.993	2689.491	51020.30	6122.308	3131.820

Sample Name: J4425-05LX5 Acquired: 8/21/2018 15:32:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MA3YR7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036924	-.005843	.0158219	.0024949	.0009464	14.16685	.0715559
Stddev	.0007633	.001585	.0011624	.0019926	.0011007	.10337	.0007838
%RSD	20.67118	27.13205	7.346534	79.86502	116.3086	.7296342	1.095415

#1	.0029488	-.006513	.0164269	.0027155	.0022091	14.12015	.0708617
#2	.0036545	-.006983	.0144818	.0004013	.0001895	14.09509	.0714001
#3	.0044739	-.004032	.0165570	.0043681	.0004406	14.28533	.0724059

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011608	-.000132	1.029918	.0224225	.0050804	.0082312	19.08014
Stddev	.0000423	.000038	.016301	.0002962	.0003200	.0023413	.12462
%RSD	3.647747	28.71964	1.582765	1.321170	6.298177	28.44457	.6531307

#1	.0011891	-.000172	1.019654	.0221216	.0047167	.0077260	18.93885
#2	.0011121	-.000126	1.048714	.0224321	.0052059	.0107839	19.12717
#3	.0011812	-.000097	1.021385	.0227139	.0053187	.0061837	19.17439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1816919	3.186024	.0124298	.0007752	-.163756	.0367955	.0239243
Stddev	.0010725	.055083	.0004121	.0001719	.380897	.0027055	.0042974
%RSD	.5902702	1.728909	3.315246	22.17387	232.6004	7.352832	17.96243

#1	.1817957	3.181359	.0125999	.0005988	-.259730	.0397824	.0252198
#2	.1805713	3.133422	.0127296	.0007847	.255949	.0345091	.0191282
#3	.1827087	3.243292	.0119599	.0009422	-.487487	.0360949	.0274250

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3933938	.1790795	.0138962	.0004293	.0308293	2.550975	.0003866
Stddev	.0362765	.0023594	.0004223	.0001601	.0041864	.006489	.0007515
%RSD	9.221421	1.317502	3.039359	37.28688	13.57926	.2543799	194.3524

#1	.4284266	.1792536	.0143233	.0005007	.0355263	2.556946	.0009867
#2	.3559899	.1813470	.0134788	.0002459	.0294704	2.551909	.0006294
#3	.3957649	.1766379	.0138864	.0005412	.0274912	2.544069	-.000456

Sample Name: J4425-05LX5 Acquired: 8/21/2018 15:32:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MA3YR7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8091014	.0048924	.0150677
Stddev	.0073586	.0008748	.0001591
%RSD	.9094713	17.88139	1.056127

#1	.8017236	.0051181	.0149903
#2	.8091399	.0039269	.0149621
#3	.8164406	.0056323	.0152508

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1862.315	2324.779	43842.66	5250.000	3220.359
Stddev	14.709	7.459	191.03	16.500	9.413
%RSD	.7898219	.3208460	.4357131	.3142868	.2922912

#1	1845.344	2321.970	43733.76	5249.950	3219.418
#2	1871.386	2333.235	44063.24	5266.525	3230.207
#3	1870.214	2319.132	43730.98	5233.525	3211.452

Sample Name: J4536-04DLX2 Acquired: 8/21/2018 15:36:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156708	.0094322	9.702051	.0062710	.0053707	9.143050	.1871195
Stddev	.0046099	.0038077	.040558	.0036502	.0024636	.029621	.0000828
%RSD	29.41694	40.36945	.4180322	58.20829	45.87146	.3239690	.0442481

#1	.0209893	.0081007	9.685644	.0102685	.0057664	9.133586	.1871775
#2	.0132007	.0137268	9.672266	.0054296	.0027332	9.119317	.1871563
#3	.0128224	.0064690	9.748241	.0031149	.0076125	9.176246	.1870247

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039191	.1437815	603.5215	.0326449	.0558957	.0536010	117.4465
Stddev	.0001511	.0002985	2.0022	.0003582	.0001306	.0088762	.6534
%RSD	3.855927	.2076292	.3317494	1.097161	.2337108	16.55982	.5563579

#1	.0038743	.1436919	605.7781	.0324160	.0560442	.0618846	118.1811
#2	.0040875	.1435381	602.8286	.0330576	.0558443	.0546866	117.2284
#3	.0037954	.1441146	601.9579	.0324610	.0557986	.0442319	116.9300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.07934	305.4612	.0535728	.0116070	.6178967	.0760481	6.110574
Stddev	.04596	1.1017	.0010082	.0003958	.1579724	.0013145	.058875
%RSD	.3048042	.3606575	1.881941	3.410092	25.56616	1.728508	.9634997

#1	15.12240	306.6048	.0541521	.0112699	.4584525	.0772898	6.053218
#2	15.08466	305.3718	.0524087	.0120428	.6208824	.0746712	6.170859
#3	15.03094	304.4069	.0541578	.0115083	.7743551	.0761833	6.107644

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.279147	1.169932	.1504725	.0006748	6.251679	1.081291	-.004146
Stddev	.072350	.014074	.0012276	.0003543	.021555	.004605	.001045
%RSD	25.91817	1.202976	.8158292	52.50681	.3447898	.4258554	25.20081

#1	-.362660	1.162455	.1508725	.0002824	6.235554	1.086018	-.004092
#2	-.235491	1.161174	.1514501	.0009713	6.243323	1.076819	-.003129
#3	-.239289	1.186166	.1490947	.0007707	6.276162	1.081034	-.005217

Sample Name: J4536-04DLX2 Acquired: 8/21/2018 15:36:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB33 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1342709	.0128942	.1621495
Stddev	.0032114	.0022133	.0002611
%RSD	2.391702	17.16542	.1610032

#1	.1363430	.0123202	.1623742
#2	.1305716	.0110243	.1622112
#3	.1358980	.0153379	.1618631

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1711.863	2156.786	41554.24	5104.721	2811.672
Stddev	8.586	4.520	162.47	5.527	6.126
%RSD	.5015653	.2095934	.3909762	.1082678	.2178749

#1	1721.321	2161.081	41740.07	5105.122	2813.399
#2	1704.559	2157.209	41483.65	5099.005	2816.748
#3	1709.708	2152.070	41439.01	5110.037	2804.868

Sample Name: J4536-05DLX2 Acquired: 8/21/2018 15:40:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182944	.0067451	7.392846	.0041848	.0058761	13.65907	.3579864
Stddev	.0038495	.0053263	.046807	.0025836	.0009399	.04282	.0013857
%RSD	21.04177	78.96669	.6331404	61.73694	15.99578	.3134582	.3870776

#1	.0156732	.0117076	7.351711	.0057443	.0049464	13.67558	.3566571
#2	.0164962	.0074102	7.383051	.0056075	.0058558	13.69117	.3578798
#3	.0227140	.0011174	7.443775	.0012026	.0068260	13.61045	.3594223

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039939	.1437777	509.4051	.0329267	.0759256	.0831843	111.5758
Stddev	.0001039	.0003786	.8780	.0004569	.0006833	.0050205	.1913
%RSD	2.600519	.2633156	.1723484	1.387488	.8999141	6.035347	.1714549

#1	.0041065	.1433730	508.9459	.0333682	.0760170	.0821748	111.7003
#2	.0039019	.1438368	508.8519	.0329559	.0752012	.0886328	111.3555
#3	.0039733	.1441233	510.4174	.0324559	.0765585	.0787453	111.6715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.54500	256.1730	.0685583	.0111787	.6141366	.0838502	6.773373
Stddev	.02952	.8432	.0001226	.0002177	.3611054	.0035347	.097957
%RSD	.2029885	.3291648	.1787764	1.947806	58.79887	4.215489	1.446204

#1	14.54297	256.1185	.0686341	.0109273	.4706681	.0856109	6.731539
#2	14.51655	255.3583	.0684169	.0113019	.3468137	.0861587	6.885301
#3	14.57549	257.0421	.0686240	.0113070	1.024928	.0797810	6.703280

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1030197	1.292895	.1409887	.0005295	4.652667	1.494634	-.005699
Stddev	.1021422	.016855	.0008690	.0002691	.033539	.010444	.001619
%RSD	99.14817	1.303654	.6163842	50.82648	.7208604	.6987611	28.41469

#1	.0171400	1.280566	.1400470	.0007273	4.644138	1.504483	-.007235
#2	.0759487	1.286019	.1417597	.0006382	4.624216	1.483682	-.004007
#3	.2159705	1.312102	.1411594	.0002230	4.689648	1.495737	-.005856

Sample Name: J4536-05DLX2 Acquired: 8/21/2018 15:40:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB34 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1600600	.0128279	.1427073
Stddev	.0014337	.0030460	.0002135
%RSD	.8957576	23.74487	.1495757

#1	.1616473	.0157235	.1429020
#2	.1588590	.0096510	.1424791
#3	.1596737	.0131091	.1427407

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1724.170	2164.054	41866.53	5147.778	2822.051
Stddev	14.689	7.991	313.33	4.855	8.532
%RSD	.8519521	.3692486	.7484014	.0943089	.3023199

#1	1732.563	2169.608	42084.77	5143.551	2830.289
#2	1707.209	2167.659	41507.50	5153.080	2822.611
#3	1732.738	2154.896	42007.31	5146.702	2813.253

Sample Name: J4536-06DLX2 Acquired: 8/21/2018 15:44:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0235445	.0080350	7.252774	.0063643	.0071729	10.43009	.2635214
Stddev	.0013779	.0013702	.031683	.0032109	.0039405	.01862	.0002384
%RSD	5.852231	17.05279	.4368346	50.45186	54.93561	.1785451	.0904514

#1	.0231250	.0072631	7.235301	.0026596	.0108196	10.44530	.2635162
#2	.0224251	.0096171	7.233675	.0080892	.0077061	10.40932	.2637623
#3	.0250834	.0072250	7.289345	.0083440	.0029930	10.43565	.2632857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035766	.1408124	488.9580	.0630146	.0629231	.0749062	105.0975
Stddev	.0000794	.0006355	.3075	.0024158	.0003212	.0037815	.0857
%RSD	2.219635	.4513029	.0628911	3.833683	.5104713	5.048253	.0815360

#1	.0035739	.1405517	488.6029	.0625707	.0631880	.0769557	105.0248
#2	.0034986	.1403487	489.1310	.0608515	.0625659	.0705425	105.1920
#3	.0036573	.1415368	489.1400	.0656215	.0630155	.0772206	105.0757

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.90066	247.1513	.0827840	.0083253	.6065276	.0698235	6.058997
Stddev	.02244	.3603	.0004565	.0002738	.0294008	.0075131	.134099
%RSD	.1739753	.1457766	.5514282	3.288410	4.847390	10.76020	2.213216

#1	12.88109	246.8104	.0822616	.0083243	.6022330	.0778552	6.143421
#2	12.92516	247.1154	.0831058	.0080521	.5795103	.0686480	5.904371
#3	12.89573	247.5283	.0829848	.0085996	.6378394	.0629675	6.129198

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.242117	1.303604	.1304471	.0038205	5.956641	1.192154	-.004924
Stddev	.055532	.012556	.0014828	.0002130	.043169	.013708	.000355
%RSD	22.93593	.9631914	1.136732	5.573808	.7247184	1.149889	7.201109

#1	-.199738	1.294026	.1319489	.0039701	5.920515	1.176460	-.004790
#2	-.304982	1.298968	.1304085	.0035767	5.944959	1.201786	-.005326
#3	-.221633	1.317819	.1289840	.0039147	6.004449	1.198218	-.004657

Sample Name: J4536-06DLX2 Acquired: 8/21/2018 15:44:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB35 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1524049	.0086438	.1379937
Stddev	.0016159	.0004912	.0001387
%RSD	1.060275	5.682479	.1004745

#1	.1507827	.0091262	.1379070
#2	.1524176	.0081443	.1381536
#3	.1540144	.0086611	.1379204

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1774.317	2172.496	42844.01	5322.288	2852.320
Stddev	27.503	2.632	625.16	26.413	6.261
%RSD	1.550084	.1211416	1.459148	.4962766	.2194913

#1	1767.996	2175.535	42814.60	5352.786	2857.047
#2	1804.430	2170.921	43483.36	5306.725	2854.692
#3	1750.524	2171.034	42234.08	5307.354	2845.220

Sample Name: J4536-07DLX2 Acquired: 8/21/2018 15:49:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB36 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0246663	.0162092	13.46593	.0101567	.0092317	6.035046
Stddev	.0049660	.0059469	.04620	.0032638	.0036846	.030886
%RSD	20.13255	36.68862	.3430828	32.13471	39.91257	.5117780

#1	.0207462	.0209843	13.46687	.0072783	.0052045	6.038271
#2	.0230021	.0180954	13.41926	.0094890	.0124338	6.002674
#3	.0302507	.0095479	13.51165	.0137027	.0100569	6.064193

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1432458	.0052475	.1038011	F 825.9324	.0284390	.0881488
Stddev	.0002413	.0001194	.0001730	2.6343	.0004529	.0002862
%RSD	.1684182	2.274937	.1667034	.3189546	1.592584	.3246445

#1	.1435238	.0053852	.1036887	827.3608	.0281610	.0884773
#2	.1430921	.0051732	.1037142	827.5440	.0281943	.0879539
#3	.1431214	.0051840	.1040004	822.8923	.0289616	.0880152

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0951100	162.8096	20.85448	419.7269	.0893601	.0090736
Stddev	.0033341	.7235	.10840	2.4362	.0009818	.0001074
%RSD	3.505515	.4444004	.5197707	.5804155	1.098722	1.183973

#1	.0912631	162.6883	20.86647	419.9909	.0899150	.0089495
#2	.0971648	163.5861	20.95637	422.0203	.0882265	.0091341
#3	.0969021	162.1544	20.74058	417.1695	.0899389	.0091370

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8844954	.0786723	5.433803	-.397176	1.509233	.2044500
Stddev	.1919083	.0032130	.025397	.026764	.019129	.0017726
%RSD	21.69693	4.083960	.4673892	6.738538	1.267448	.8670229

#1	1.065177	.0750875	5.451586	-.427149	1.496082	.2034964
#2	.905260	.0796370	5.445105	-.388706	1.500440	.2064953
#3	.683049	.0812924	5.404716	-.375671	1.531177	.2033583

Sample Name: J4536-07DLX2 Acquired: 8/21/2018 15:49:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB36 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013049	9.011326	.6226338	-.004973	.0850649	.0173684
Stddev	.0001595	.035535	.0025113	.002385	.0021291	.0016558
%RSD	12.21990	.3943423	.4033318	47.95092	2.502926	9.533660

#1	.0011349	9.003227	.6227800	-.007262	.0873540	.0161396
#2	.0013287	8.980540	.6200527	-.005155	.0846970	.0192514
#3	.0014511	9.050213	.6250689	-.002503	.0831438	.0167142

Elem	Sr4077
Units	ppm
Avg	.2128933
Stddev	.0005901
%RSD	.2771821

#1	.2126749
#2	.2135615
#3	.2124436

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1671.296	2090.727	40620.20	5048.570	2668.139
Stddev	10.275	7.842	172.31	11.767	6.878
%RSD	.6148194	.3751020	.4241913	.2330810	.2577839

#1	1660.447	2096.774	40587.93	5036.220	2668.419
#2	1672.562	2093.541	40466.30	5049.840	2674.872
#3	1680.880	2081.865	40806.36	5059.651	2661.125

Sample Name: J4536-08DLX2 Acquired: 8/21/2018 15:53:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0411409	.0101691	9.945708	.0047377	.0091064	7.656242	.2557249
Stddev	.0032359	.0036023	.025056	.0026393	.0008307	.029088	.0009678
%RSD	7.865300	35.42366	.2519274	55.70845	9.122183	.3799268	.3784681

#1	.0388680	.0123352	9.970714	.0075957	.0094780	7.628531	.2557726
#2	.0448457	.0060108	9.920602	.0042251	.0081548	7.653660	.2547341
#3	.0397091	.0121613	9.945806	.0023923	.0096865	7.686535	.2566680

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060647	.1583057	775.9869	.0236908	.0937744	.1519134	181.3860
Stddev	.0000627	.0004429	2.1081	.0001508	.0003233	.0029750	.8161
%RSD	1.033571	.2797979	.2716659	.6364420	.3447561	1.958328	.4499142

#1	.0060236	.1585943	778.1143	.0236611	.0940672	.1548089	181.8070
#2	.0060336	.1577957	775.9479	.0235571	.0938285	.1488649	181.9057
#3	.0061368	.1585270	773.8987	.0238542	.0934274	.1520663	180.4454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.65048	392.2887	.0975664	.0117624	1.093201	.1056159	8.498091
Stddev	.03887	1.3151	.0010189	.0006940	.108338	.0047682	.195095
%RSD	.1882461	.3352329	1.044308	5.899755	9.910149	4.514644	2.295751

#1	20.68785	392.9736	.0985660	.0118805	1.211787	.1051960	8.293732
#2	20.65335	393.1200	.0976041	.0123898	.999410	.1105802	8.518173
#3	20.61026	390.7726	.0965292	.0110170	1.068407	.1010716	8.682369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.414174	1.530764	.2235808	.0011637	11.01403	.6811538	-.001663
Stddev	.119938	.002536	.0016663	.0002656	.02756	.0009306	.000838
%RSD	28.95841	.1656836	.7452827	22.82545	.2502173	.1366183	50.42971

#1	-.528327	1.533616	.2224307	.0014561	10.98326	.6805095	-.001708
#2	-.425008	1.528763	.2228199	.0010978	11.02237	.6807313	-.000802
#3	-.289186	1.529911	.2254917	.0009373	11.03646	.6822207	-.002477

Sample Name: J4536-08DLX2 Acquired: 8/21/2018 15:53:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB37 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0992309	.0151694	.2061125
Stddev	.0017977	.0013390	.0004944
%RSD	1.811606	8.827010	.2398766

#1	.1012037	.0162710	.2055861
#2	.0976854	.0136790	.2061841
#3	.0988035	.0155582	.2065672

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1732.332	2152.912	42128.09	5168.793	2748.757
Stddev	30.131	7.348	432.14	22.395	9.098
%RSD	1.739343	.3412847	1.025785	.4332766	.3309767

#1	1757.554	2144.492	42517.20	5159.944	2738.602
#2	1740.477	2158.025	42204.08	5194.261	2756.165
#3	1698.966	2156.218	41663.00	5152.175	2751.504

Sample Name: J4536-09DLX2 Acquired: 8/21/2018 15:57:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0303744	.0124587	12.15687	.0066190	.0081323	6.016906	.1070636
Stddev	.0031552	.0051142	.11629	.0016833	.0023893	.020949	.0008620
%RSD	10.38768	41.04896	.9566053	25.43087	29.38079	.3481666	.8051079

#1	.0332419	.0160844	12.28948	.0050380	.0075632	6.037166	.1063141
#2	.0269943	.0146827	12.07227	.0083887	.0107549	5.995331	.1068712
#3	.0308870	.0066091	12.10886	.0064303	.0060790	6.018222	.1080055

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050420	.1212588	777.1936	.0225394	.0899015	.0674835	157.9404
Stddev	.0001213	.0010881	2.5302	.0005808	.0008105	.0017114	.4916
%RSD	2.405404	.8973279	.3255551	2.576645	.9015565	2.536071	.3112471

#1	.0050746	.1224747	774.5585	.0218889	.0905949	.0677798	157.4401
#2	.0049077	.1203770	777.4184	.0230057	.0890104	.0656433	157.9583
#3	.0051436	.1209245	779.6040	.0227237	.0900992	.0690275	158.4228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.74224	395.4150	.0896165	.0099796	.8015528	.0768535	6.555271
Stddev	.06328	1.4776	.0002327	.0005666	.1390942	.0055103	.077654
%RSD	.3376522	.3736925	.2596417	5.677920	17.35310	7.169949	1.184600

#1	18.67534	393.9375	.0898165	.0098845	.7494007	.0719559	6.616960
#2	18.75025	395.4147	.0893611	.0094665	.9591861	.0828200	6.580782
#3	18.80114	396.8928	.0896717	.0105878	.6960716	.0757845	6.468071

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.492555	1.399231	.1979180	.0011693	9.372505	.8026977	.0136280
Stddev	.014720	.012886	.0028537	.0001096	.079369	.0035042	.0022440
%RSD	2.988518	.9209247	1.441879	9.372016	.8468313	.4365471	16.46589

#1	-.481796	1.411216	.1961532	.0012731	9.463774	.8040232	.0131345
#2	-.486538	1.400873	.2012104	.0011799	9.334079	.8053457	.0116718
#3	-.509330	1.385602	.1963905	.0010547	9.319662	.7987241	.0160776

Sample Name: J4536-09DLX2 Acquired: 8/21/2018 15:57:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB38 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1025071	.0144845	.2027620
Stddev	.0006865	.0017312	.0002566
%RSD	.6696950	11.95188	.1265535

#1	.1020799	.0157615	.2026622
#2	.1032989	.0125141	.2025703
#3	.1021424	.0151779	.2030535

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1687.756	2122.593	41190.43	5081.138	2727.846
Stddev	13.510	10.850	31.35	21.473	18.184
%RSD	.8004625	.5111438	.0760987	.4226048	.6666179

#1	1672.212	2110.508	41158.20	5104.225	2706.957
#2	1694.381	2131.494	41220.81	5061.763	2740.136
#3	1696.674	2125.778	41192.29	5077.425	2736.445

Sample Name: J4536-10DLX2 Acquired: 8/21/2018 16:00:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0286197	.0149267	10.27136	.0105351	.0082705	6.337130	.2308335
Stddev	.0046854	.0048664	.04817	.0033444	.0019183	.024001	.0011312
%RSD	16.37139	32.60226	.4689570	31.74552	23.19372	.3787380	.4900683

#1	.0332726	.0131539	10.26855	.0133781	.0071803	6.363936	.2297267
#2	.0286839	.0204311	10.22466	.0068502	.0071459	6.317634	.2319877
#3	.0239024	.0111952	10.32087	.0113770	.0104855	6.329820	.2307862

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047062	.1356841	761.9604	.0304887	.0882486	.1678983	151.2224
Stddev	.0000937	.0007083	.9110	.0010177	.0007304	.0058765	.5050
%RSD	1.990825	.5220447	.1195642	3.337923	.8276826	3.500049	.3339480

#1	.0046809	.1351439	762.9846	.0297753	.0877885	.1746790	151.7406
#2	.0048100	.1354224	761.6562	.0316541	.0878665	.1647302	151.1947
#3	.0046278	.1364861	761.2404	.0300366	.0890908	.1642856	150.7318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.44466	387.1280	.0825107	.0078379	.9379332	.0880543	6.870713
Stddev	.04744	.5589	.0008674	.0006536	.4112772	.0022975	.111798
%RSD	.2439899	.1443819	1.051277	8.339064	43.84931	2.609136	1.627165

#1	19.47596	387.1903	.0835016	.0085674	1.382591	.0890777	6.838124
#2	19.46793	386.5405	.0818888	.0073056	.571180	.0896622	6.995184
#3	19.39007	387.6532	.0821416	.0076406	.860028	.0854230	6.778830

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.470110	1.229107	.1886025	.0009049	7.646926	.6425486	-.005688
Stddev	.101159	.009588	.0022696	.0001889	.052362	.0010604	.001934
%RSD	21.51804	.7800488	1.203378	20.87476	.6847522	.1650320	34.00005

#1	-.458716	1.225671	.1897990	.0006930	7.605816	.6437409	-.006995
#2	-.576484	1.221711	.1900235	.0010558	7.629082	.6421936	-.003466
#3	-.375132	1.239939	.1859850	.0009657	7.705877	.6417112	-.006601

Sample Name: J4536-10DLX2 Acquired: 8/21/2018 16:00:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB39 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1038117	.0153314	.2082799
Stddev	.0022265	.0020208	.0004434
%RSD	2.144798	13.18091	.2128839

#1	.1012684	.0135193	.2087037
#2	.1054094	.0175106	.2083167
#3	.1047573	.0149644	.2078193

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1680.835	2100.796	40789.63	5056.803	2706.565
Stddev	9.685	6.841	109.52	18.979	13.118
%RSD	.5762282	.3256248	.2684914	.3753228	.4846749

#1	1691.140	2104.422	40915.89	5036.666	2714.510
#2	1671.919	2105.060	40720.28	5074.361	2713.760
#3	1679.448	2092.906	40732.72	5059.381	2691.423

Sample Name: J4536-11DLX2 Acquired: 8/21/2018 16:04:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0317260	.0153412	19.14677	.0075682	.0097780	7.445975
Stddev	.0015474	.0043986	.11786	.0036648	.0009358	.045340
%RSD	4.877485	28.67182	.6155404	48.42397	9.570196	.6089157

#1	.0299396	.0202008	19.08309	.0037647	.0098398	7.416145
#2	.0326539	.0141902	19.07445	.0078635	.0088129	7.423630
#3	.0325845	.0116325	19.28276	.0110765	.0106813	7.498150

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1328993	.0061957	.1276799	F 869.7848	.0269349	.0979639
Stddev	.0004943	.0001358	.0010058	2.1564	.0002432	.0000500
%RSD	.3719398	2.192204	.7877485	.2479226	.9030457	.0509857

#1	.1326525	.0060413	.1271400	868.0236	.0271999	.0980014
#2	.1334684	.0062969	.1270594	872.1897	.0268831	.0979072
#3	.1325770	.0062489	.1288404	869.1410	.0267218	.0979832

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2683178	185.3311	22.04766	436.9216	.1139781	.0093902
Stddev	.0047612	.9746	.09523	2.6300	.0015560	.0003682
%RSD	1.774483	.5258903	.4319232	.6019284	1.365209	3.921064

#1	.2737949	184.8745	22.01830	435.9975	.1138970	.0094434
#2	.2651665	186.4503	22.15412	439.8889	.1124641	.0097289
#3	.2659918	184.6686	21.97058	434.8785	.1155730	.0089983

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.070503	.0859197	5.985987	-.427065	1.372248	.2406184
Stddev	.426315	.0023092	.039334	.038541	.017590	.0015674
%RSD	39.82385	2.687630	.6570997	9.024741	1.281856	.6514125

#1	1.387944	.0839415	5.948114	-.470814	1.366857	.2396344
#2	1.237617	.0884572	5.983214	-.412256	1.357985	.2424259
#3	.585948	.0853605	6.026635	-.398124	1.391903	.2397947

Sample Name: J4536-11DLX2 Acquired: 8/21/2018 16:04:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB40 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004928	10.95666	.6587361	-.004818	.0988604	.0188610
Stddev	.0003330	.05728	.0029693	.001628	.0004500	.0009389
%RSD	67.57578	.5228018	.4507591	33.79179	.4552141	4.977802

#1	.0008650	10.94848	.6573271	-.004720	.0983538	.0185914
#2	.0002232	10.90391	.6567336	-.006493	.0992140	.0180865
#3	.0003901	11.01759	.6621476	-.003241	.0990134	.0199052

Elem	Sr4077
Units	ppm
Avg	.2226903
Stddev	.0002035
%RSD	.0913772

#1	.2226836
#2	.2228970
#3	.2224902

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1684.680	2114.665	41029.99	5100.042	2686.956
Stddev	13.454	7.568	125.33	24.893	15.013
%RSD	.7986138	.3578835	.3054562	.4880850	.5587355

#1	1687.725	2120.196	41063.95	5127.864	2696.591
#2	1696.350	2117.759	41134.85	5079.879	2694.618
#3	1669.964	2106.040	40891.19	5092.383	2669.657

Sample Name: J4536-12DLX2 Acquired: 8/21/2018 16:08:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205304	.0135962	14.91276	.0046010	.0096546	5.644721
Stddev	.0018506	.0001717	.09484	.0029092	.0006205	.016034
%RSD	9.013955	1.262554	.6359936	63.23035	6.426547	.2840534

#1	.0188321	.0137675	14.83210	.0022838	.0091556	5.646746
#2	.0225027	.0135970	14.88894	.0078659	.0103494	5.627771
#3	.0202563	.0134242	15.01725	.0036534	.0094589	5.659646

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1730134	.0047065	.1666850	F 849.3703	.0252627	.0654801
Stddev	.0006606	.0000831	.0010169	1.2890	.0005867	.0004936
%RSD	.3818358	1.766599	.6100974	.1517629	2.322253	.7538261

#1	.1734368	.0048017	.1661347	849.9406	.0246035	.0649159
#2	.1722522	.0046482	.1660618	847.8945	.0257276	.0656925
#3	.1733513	.0046695	.1678585	850.2759	.0254570	.0658320

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1399771	153.1961	20.47206	438.1532	.0744371	.0150765
Stddev	.0056102	.3205	.03425	.9909	.0002495	.0002610
%RSD	4.007935	.2092053	.1673088	.2261492	.3351543	1.731278

#1	.1449529	153.0346	20.45506	437.6628	.0744675	.0147754
#2	.1338968	152.9884	20.44963	437.5032	.0741738	.0152378
#3	.1410816	153.5652	20.51148	439.2936	.0746699	.0152164

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.102435	.0806665	8.359173	-.535329	1.098586	.1918446
Stddev	.450844	.0045539	.078107	.055111	.006639	.0039349
%RSD	40.89527	5.645396	.9343893	10.29478	.6043293	2.051083

#1	1.601117	.0833026	8.439582	-.503303	1.098136	.1899985
#2	.982505	.0832888	8.283591	-.503719	1.092183	.1891722
#3	.723683	.0754080	8.354347	-.598965	1.105438	.1963631

Sample Name: J4536-12DLX2 Acquired: 8/21/2018 16:08:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB41 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014582	10.06439	.5937637	-.004813	.0983973	.0150199
Stddev	.0003913	.08182	.0082930	.001570	.0038613	.0008722
%RSD	26.83594	.8129787	1.396675	32.61818	3.924228	5.806688

#1	.0012797	10.00998	.6008899	-.005960	.0951455	.0158723
#2	.0019070	10.02471	.5957402	-.003024	.1026651	.0141292
#3	.0011881	10.15849	.5846611	-.005454	.0973813	.0150583

Elem	Sr4077
Units	ppm
Avg	.2202629
Stddev	.0004719
%RSD	.2142441

#1	.2204271
#2	.2197309
#3	.2206308

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.148	2145.054	41822.57	5138.496	2744.847
Stddev	21.220	3.793	306.49	8.594	3.635
%RSD	1.232179	.1768438	.7328314	.1672473	.1324201

#1	1700.539	2145.746	41564.77	5141.886	2746.971
#2	1742.956	2148.453	42161.45	5144.877	2746.919
#3	1722.951	2140.962	41741.50	5128.724	2740.650

Sample Name: J4536-13DLX2 Acquired: 8/21/2018 16:12:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0272902	.0128607	11.20615	.0017425	.0087356	5.114355	.1414559
Stddev	.0060337	.0021639	.05310	.0044037	.0022991	.042825	.0007953
%RSD	22.10946	16.82543	.4738740	252.7198	26.31874	.8373563	.5622357

#1	.0281062	.0114486	11.17039	.0044386	.0103239	5.146576	.1405376
#2	.0208901	.0153519	11.18089	.0041283	.0060992	5.065759	.1419030
#3	.0328745	.0117816	11.26716	-.003339	.0097836	5.130732	.1419270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046614	.1265363	787.4150	.0270044	.0639469	.0407781	144.7196
Stddev	.0001807	.0008029	.9433	.0008205	.0000962	.0071297	.6174
%RSD	3.876467	.6344784	.1197935	3.038581	.1504068	17.48421	.4266200

#1	.0048154	.1263412	788.4680	.0261952	.0640545	.0408435	145.4245
#2	.0047064	.1258489	786.6472	.0278358	.0638694	.0478749	144.2747
#3	.0044625	.1274187	787.1299	.0269822	.0639166	.0336159	144.4596

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.58265	406.1558	.0660943	.0106166	1.052792	.0791660	6.571205
Stddev	.07073	1.0798	.0013479	.0002541	.294335	.0004971	.060838
%RSD	.3806211	.2658622	2.039363	2.393071	27.95752	.6278791	.9258288

#1	18.66278	407.3876	.0649765	.0105331	1.323706	.0795481	6.518347
#2	18.52889	405.7074	.0657152	.0104148	.739608	.0786040	6.637707
#3	18.55629	405.3724	.0675911	.0109019	1.095063	.0793457	6.557563

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.751790	1.394943	.1800141	.0006551	9.348259	.5882554	-.003147
Stddev	.096227	.018252	.0032749	.0001687	.098761	.0061320	.000857
%RSD	12.79972	1.308454	1.819235	25.74800	1.056462	1.042397	27.23420

#1	-.859231	1.376053	.1834448	.0007573	9.256545	.5946896	-.002912
#2	-.722603	1.396294	.1796764	.0007476	9.335422	.5824786	-.002433
#3	-.673536	1.412483	.1769212	.0004604	9.452811	.5875979	-.004098

Sample Name: J4536-13DLX2 Acquired: 8/21/2018 16:12:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB42 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0740373	.0134375	.2104822
Stddev	.0026758	.0005145	.0006332
%RSD	3.614146	3.828573	.3008239

#1	.0709626	.0131175	.2101891
#2	.0753109	.0140310	.2100487
#3	.0758385	.0131641	.2112088

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1703.423	2144.421	41452.80	5141.369	2751.166
Stddev	9.629	9.535	36.29	27.235	17.857
%RSD	.5652690	.4446246	.0875409	.5297232	.6490833

#1	1714.453	2145.092	41419.34	5112.655	2760.213
#2	1696.699	2153.602	41491.37	5166.833	2762.689
#3	1699.116	2134.568	41447.69	5144.620	2730.596

Sample Name: J4536-14DLX2 Acquired: 8/21/2018 16:16:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0332488	.0167213	12.57960	.0071951	.0102085	5.719773
Stddev	.0063594	.0037014	.04882	.0023305	.0014383	.012376
%RSD	19.12675	22.13573	.3881158	32.39017	14.08885	.2163805

#1	.0296131	.0166696	12.55823	.0098040	.0105890	5.708114
#2	.0405919	.0130461	12.54510	.0064620	.0086182	5.732760
#3	.0295414	.0204484	12.63546	.0053193	.0114182	5.718444

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2079999	.0055205	.1460368	F 843.6649	.0282629	.0813252
Stddev	.0005267	.0000515	.0006876	2.2460	.0006295	.0005776
%RSD	.2532297	.9328113	.4708349	.2662193	2.227117	.7102117

#1	.2077894	.0055037	.1459340	844.3400	.0277583	.0818431
#2	.2076110	.0055783	.1454064	841.1588	.0280622	.0807023
#3	.2085993	.0054795	.1467701	845.4959	.0289683	.0814301

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1274998	165.2906	21.36962	432.4730	.0791601	.0090842
Stddev	.0059674	.2620	.05396	.5860	.0001958	.0002821
%RSD	4.680298	.1584949	.2524904	.1354912	.2473308	3.105431

#1	.1223907	165.5527	21.39033	432.5840	.0789572	.0094009
#2	.1340584	165.2904	21.30838	431.8395	.0793479	.0089921
#3	.1260503	165.0288	21.41016	432.9955	.0791752	.0088597

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.028677	.0839064	7.502088	-.660790	1.441604	.2036541
Stddev	.197949	.0036773	.089047	.043180	.010003	.0021319
%RSD	19.24311	4.382626	1.186967	6.534555	.6938932	1.046810

#1	.833197	.0805140	7.418658	-.690037	1.437520	.2046884
#2	1.023827	.0878142	7.595851	-.611196	1.434289	.2050716
#3	1.229007	.0833909	7.491753	-.681138	1.453003	.2012024

Sample Name: J4536-14DLX2 Acquired: 8/21/2018 16:16:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB43 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007380	10.16091	.5912274	-.005955	.0785392	.0161495
Stddev	.0008538	.03769	.0075369	.002338	.0017831	.0001650
%RSD	115.6981	.3709282	1.274796	39.26862	2.270301	1.021508

#1	.0014471	10.13552	.5834083	-.005587	.0788987	.0159596
#2	.0009767	10.14301	.5984463	-.003822	.0766037	.0162578
#3	-.000210	10.20422	.5918275	-.008455	.0801151	.0162311

Elem	Sr4077
Units	ppm
Avg	.2213894
Stddev	.0005787
%RSD	.2613893

#1	.2215438
#2	.2207492
#3	.2218753

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1706.944	2141.799	41534.85	5104.540	2732.079
Stddev	15.162	9.887	88.26	18.244	9.935
%RSD	.8882474	.4616079	.2124967	.3574163	.3636436

#1	1723.175	2141.536	41589.08	5123.450	2729.534
#2	1693.146	2151.815	41433.00	5087.043	2743.039
#3	1704.511	2132.047	41582.46	5103.126	2723.664

Sample Name: J4536-15DLX2 Acquired: 8/21/2018 16:20:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0241372	.0139610	7.903853	.0049325	.0091674	5.361770	.1188392
Stddev	.0055287	.0055604	.015873	.0051696	.0026006	.060641	.0002361
%RSD	22.90536	39.82785	.2008212	104.8069	28.36776	1.130985	.1986929

#1	.0272061	.0177740	7.886916	.0048193	.0061809	5.300134	.1190802
#2	.0177548	.0165283	7.906258	.0101577	.0103887	5.421364	.1188291
#3	.0274507	.0075809	7.918387	-.000180	.0109324	5.363814	.1186083

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043775	.0864778	709.7623	.0253042	.0672443	.0812056	135.3015
Stddev	.0000211	.0001450	2.9785	.0005101	.0006523	.0052064	1.1766
%RSD	.4827570	.1676382	.4196452	2.015880	.9700246	6.411393	.8695878

#1	.0043700	.0865354	706.3231	.0258628	.0670461	.0752078	133.9448
#2	.0044013	.0865851	711.4943	.0251868	.0667140	.0845609	135.9186
#3	.0043611	.0863129	711.4695	.0248631	.0679726	.0838479	136.0412

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.62155	361.5145	.0652807	.0064510	.7225352	.0719888	4.661323
Stddev	.13246	2.3123	.0006011	.0004029	.1826599	.0047666	.090784
%RSD	.7516774	.6396212	.9207729	6.244669	25.28042	6.621382	1.947598

#1	17.46880	358.8445	.0652402	.0060465	.5158592	.0673628	4.581484
#2	17.69106	362.8437	.0659009	.0064545	.7894256	.0717190	4.760073
#3	17.70478	362.8554	.0647008	.0068521	.8623208	.0768847	4.642412

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.738225	1.368642	.1657699	.0010866	6.494080	.5788195	-.006449
Stddev	.011595	.011176	.0032438	.0006695	.003487	.0040956	.001650
%RSD	1.570647	.8165560	1.956818	61.61552	.0537017	.7075722	25.57930

#1	-.730138	1.368300	.1620621	.0005184	6.495694	.5759551	-.005373
#2	-.733028	1.357642	.1680836	.0018247	6.496468	.5835106	-.005625
#3	-.751510	1.379985	.1671641	.0009168	6.490078	.5769929	-.008348

Sample Name: J4536-15DLX2 Acquired: 8/21/2018 16:20:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB44 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0953024	.0094699	.1853356
Stddev	.0041578	.0017783	.0016016
%RSD	4.362698	18.77813	.8641540

#1	.0906383	.0083237	.1834864
#2	.0966488	.0115184	.1862397
#3	.0986201	.0085675	.1862808

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1713.122	2148.482	41570.46	5110.956	2778.281
Stddev	9.217	2.095	260.92	14.745	3.745
%RSD	.5380387	.0975040	.6276668	.2885053	.1347852

#1	1723.499	2146.371	41865.60	5095.755	2779.621
#2	1705.885	2150.560	41370.45	5111.914	2774.050
#3	1709.982	2148.515	41475.32	5125.199	2781.171

Sample Name: J4536-16DLX2 Acquired: 8/21/2018 16:24:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB45 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0287926	.0135215	11.65327	.0089771	.0122208	6.257332
Stddev	.0055258	.0041527	.08110	.0024338	.0026452	.029102
%RSD	19.19194	30.71176	.6959470	27.11056	21.64497	.4650851

#1	.0351327	.0135723	11.61457	.0109002	.0099735	6.286080
#2	.0250007	.0176485	11.59876	.0097902	.0151359	6.227888
#3	.0262443	.0093436	11.74647	.0062409	.0115529	6.258029

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1764833	.0055931	.1009520	F 809.8665	.0267314	.1058289
Stddev	.0004702	.0000922	.0009040	.2678	.0006760	.0008790
%RSD	.2664052	1.648437	.8955158	.0330672	2.528738	.8305804

#1	.1760319	.0054970	.1003549	810.1683	.0261320	.1054626
#2	.1764477	.0056809	.1005090	809.6574	.0265982	.1051923
#3	.1769702	.0056012	.1019921	809.7738	.0274641	.1068318

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1813706	170.0361	21.25647	407.0223	.1051885	.0070330
Stddev	.0036334	.5058	.06284	1.0150	.0010561	.0002949
%RSD	2.003310	.2974729	.2956434	.2493813	1.003998	4.193199

#1	.1855653	169.9667	21.24583	406.4809	.1040482	.0073024
#2	.1793446	170.5731	21.32396	408.1933	.1053844	.0070785
#3	.1792020	169.5687	21.19963	406.3929	.1061329	.0067179

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.164083	.0929208	4.945266	-.509346	1.547126	.2089642
Stddev	.137320	.0033512	.071842	.086773	.015543	.0022367
%RSD	11.79638	3.606544	1.452738	17.03622	1.004617	1.070384

#1	1.042835	.0893679	5.016318	-.475052	1.537600	.2109533
#2	1.313199	.0960252	4.946819	-.608026	1.538715	.2093965
#3	1.136215	.0933694	4.872660	-.444961	1.565061	.2065429

Sample Name: J4536-16DLX2 Acquired: 8/21/2018 16:24:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB45 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003090	8.241722	.5837364	-.001352	.1106585	.0149284
Stddev	.0002169	.040224	.0065723	.000829	.0032468	.0011625
%RSD	70.18024	.4880524	1.125895	61.30379	2.934023	7.786869

#1	.0005594	8.197404	.5780098	-.001467	.1144075	.0154846
#2	.0001896	8.251843	.5822870	-.002117	.1088008	.0157083
#3	.0001781	8.275919	.5909124	-.000472	.1087672	.0135924

Elem	Sr4077
Units	ppm
Avg	.2064691
Stddev	.0001856
%RSD	.0898845

#1	.2064094
#2	.2063207
#3	.2066772

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.745	2143.141	41758.46	5116.507	2738.858
Stddev	6.522	12.832	94.80	16.800	14.155
%RSD	.3785965	.5987297	.2270267	.3283467	.5168185

#1	1726.819	2145.563	41864.43	5135.733	2747.464
#2	1715.222	2154.589	41681.72	5109.135	2746.589
#3	1726.194	2129.271	41729.22	5104.654	2722.521

Sample Name: J4536-07DLX4 Acquired: 8/21/2018 16:29:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169958	.0082150	6.827283	.0017723	.0043179	3.106456	.0734076
Stddev	.0066801	.0008831	.022618	.0016393	.0008488	.069674	.0007358
%RSD	39.30447	10.74962	.3312920	92.49753	19.65674	2.242892	1.002359

#1	.0246906	.0086945	6.829066	-.000100	.0036872	3.122655	.0739224
#2	.0126837	.0071959	6.803825	.002949	.0052829	3.030108	.0725648
#3	.0136131	.0087547	6.848956	.002468	.0039836	3.166603	.0737356

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028393	.0526515	428.1972	.0198870	.0432345	.0467568	85.63482
Stddev	.0000971	.0003097	3.8753	.0009139	.0006518	.0045596	.60115
%RSD	3.419734	.5882355	.9050373	4.595360	1.507600	9.751708	.7019924

#1	.0028540	.0523559	429.3581	.0200092	.0429502	.0434554	85.74873
#2	.0027357	.0526250	423.8741	.0207336	.0427731	.0519593	84.98487
#3	.0029282	.0529737	431.3594	.0189182	.0439802	.0448556	86.17087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.75129	214.5480	.0474375	.0051574	.3004159	.0405374	2.777545
Stddev	.09829	1.7177	.0004974	.0005166	.0959549	.0056615	.016784
%RSD	.9142571	.8005966	1.048584	10.01758	31.94070	13.96616	.6042614

#1	10.80608	215.4149	.0470756	.0046826	.4106652	.0395053	2.789248
#2	10.63781	212.5696	.0480047	.0050820	.2357433	.0354629	2.785072
#3	10.80998	215.6594	.0472322	.0057076	.2548391	.0466440	2.758315

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.332702	.7561917	.1023758	.0005520	4.458058	.3297872	-.004887
Stddev	.094729	.0043366	.0014377	.0001444	.045280	.0066226	.001393
%RSD	28.47256	.5734815	1.404303	26.16973	1.015688	2.008140	28.50276

#1	-.225414	.7512366	.1017050	.0004381	4.405773	.3357338	-.003326
#2	-.367891	.7580434	.1013961	.0007144	4.484263	.3226501	-.005331
#3	-.404800	.7592950	.1040262	.0005034	4.484138	.3309778	-.006004

Sample Name: J4536-07DLX4 Acquired: 8/21/2018 16:29:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB36 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0422018	.0058022	.1097936
Stddev	.0010252	.0033220	.0007750
%RSD	2.429181	57.25394	.7058579

#1	.0430509	.0040806	.1101482
#2	.0424914	.0096317	.1089047
#3	.0410629	.0036945	.1103278

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1694.426	2125.357	40711.84	5005.555	2854.957
Stddev	9.669	4.354	184.62	31.965	5.053
%RSD	.5706334	.2048511	.4534704	.6385980	.1769873

#1	1695.897	2125.575	40894.69	4983.338	2857.872
#2	1703.275	2129.598	40715.33	5042.190	2857.876
#3	1684.105	2120.898	40525.51	4991.137	2849.122

Sample Name: J4536-11DLX4 Acquired: 8/21/2018 16:33:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140639	.0079820	9.705348	.0056686	.0056263	3.857292	.0693907
Stddev	.0021816	.0035772	.014019	.0016328	.0004424	.005258	.0011597
%RSD	15.51238	44.81604	.1444457	28.80522	7.863269	.1363255	1.671276

#1	.0118456	.0043170	9.702438	.0039913	.0061366	3.852509	.0681563
#2	.0162070	.0114645	9.693013	.0057613	.0053514	3.856443	.0695582
#3	.0141392	.0081645	9.720594	.0072531	.0053908	3.862923	.0704575

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033753	.0651472	457.0015	.0203227	.0487478	.1400263	98.53847
Stddev	.0000658	.0003278	.8729	.0006856	.0002149	.0041195	.27297
%RSD	1.950062	.5031763	.1910112	3.373779	.4408806	2.941954	.2770156

#1	.0033367	.0649872	456.1399	.0195465	.0485176	.1444945	98.34115
#2	.0033379	.0649300	457.8853	.0208459	.0487825	.1392054	98.84999
#3	.0034513	.0655243	456.9793	.0205756	.0489433	.1363791	98.42427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.50828	225.9630	.0601905	.0057553	.7438875	.0417188	3.084294
Stddev	.01176	.3988	.0009496	.0001112	.1324761	.0013398	.030075
%RSD	.1021844	.1764966	1.577648	1.932242	17.80863	3.211422	.9750926

#1	11.50503	225.5502	.0597358	.0058767	.7086263	.0427020	3.097828
#2	11.52133	226.3462	.0595538	.0056584	.8904267	.0422616	3.049831
#3	11.49849	225.9924	.0612820	.0057309	.6326097	.0401928	3.105224

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.360154	.6864246	.1219389	.0007813	5.449811	.3460265	-.004704
Stddev	.031419	.0087149	.0009773	.0003437	.016342	.0046348	.000941
%RSD	8.723695	1.269613	.8014376	43.99669	.2998614	1.339432	20.01635

#1	-.360665	.6889758	.1217878	.0006145	5.463776	.3407215	-.005578
#2	-.391315	.6767188	.1210459	.0005527	5.431838	.3480681	-.003707
#3	-.328483	.6935793	.1229829	.0011766	5.453820	.3492901	-.004825

Sample Name: J4536-11DLX4 Acquired: 8/21/2018 16:33:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB40 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0532990	.0069240	.1166997
Stddev	.0026515	.0005138	.0005113
%RSD	4.974774	7.420756	.4381471

#1	.0558924	.0074356	.1167180
#2	.0534117	.0064080	.1161795
#3	.0505930	.0069283	.1172017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1749.924	2196.597	42045.01	5129.985	2941.916
Stddev	7.104	10.458	214.99	15.093	11.386
%RSD	.4059812	.4760994	.5113406	.2942147	.3870146

#1	1752.918	2202.496	42067.36	5147.100	2945.932
#2	1755.042	2202.774	42247.95	5124.277	2950.750
#3	1741.813	2184.523	41819.71	5118.579	2929.067

Sample Name: J4536-12DLX4 Acquired: 8/21/2018 16:37:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058947	.0096045	7.606499	.0031674	.0070604	2.925882	.0904389
Stddev	.0031918	.0050078	.033328	.0013043	.0019709	.014682	.0002643
%RSD	54.14733	52.13990	.4381506	41.17906	27.91479	.5017895	.2922131

#1	.0068441	.0083624	7.593362	.0028308	.0068308	2.930370	.0907437
#2	.0023359	.0151165	7.581741	.0020644	.0052144	2.937795	.0902740
#3	.0085041	.0053347	7.644393	.0046070	.0091360	2.909480	.0902990

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024831	.0853213	444.8423	.0195148	.0324026	.0688688	81.33019
Stddev	.0000481	.0002311	2.4565	.0005298	.0005974	.0025100	.38074
%RSD	1.937763	.2708637	.5522153	2.714671	1.843779	3.644598	.4681465

#1	.0024775	.0850608	446.4042	.0196008	.0330209	.0716572	81.52497
#2	.0025338	.0854011	442.0108	.0199962	.0323584	.0681594	80.89146
#3	.0024381	.0855019	446.1118	.0189472	.0318285	.0667899	81.57414

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.67028	226.0271	.0410276	.0083545	.3555084	.0449491	4.402032
Stddev	.05630	.9713	.0001541	.0001829	.3245092	.0016335	.031516
%RSD	.5275955	.4297452	.3756529	2.189624	91.28032	3.634033	.7159382

#1	10.69688	226.3358	.0410227	.0082216	.0218639	.0435034	4.416878
#2	10.60561	224.9390	.0411842	.0082787	.3746240	.0467211	4.423383
#3	10.70834	226.8067	.0408760	.0085631	.6700372	.0446228	4.365835

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.405626	.5427998	.0991198	.0015551	4.964419	.3036621	-.004643
Stddev	.016031	.0026744	.0015616	.0003151	.026530	.0048789	.001742
%RSD	3.952053	.4927004	1.575520	20.25941	.5344001	1.606699	37.51385

#1	-.424097	.5421172	.1008996	.0016672	4.942105	.3048072	-.006569
#2	-.397431	.5405329	.0984814	.0011994	4.957398	.2983125	-.003179
#3	-.395350	.5457493	.0979785	.0017988	4.993753	.3078666	-.004180

Sample Name: J4536-12DLX4 Acquired: 8/21/2018 16:37:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB41 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0494114	.0053432	.1150348
Stddev	.0037755	.0014167	.0006965
%RSD	7.640868	26.51327	.6054756

#1	.0482069	.0045318	.1154651
#2	.0463852	.0069790	.1142312
#3	.0536422	.0045188	.1154081

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1688.153	2144.215	40823.74	5052.382	2883.636
Stddev	11.496	4.730	155.06	55.733	6.972
%RSD	.6810086	.2205939	.3798259	1.103110	.2417768

#1	1676.055	2143.422	40683.38	5058.025	2887.939
#2	1689.472	2149.292	40797.65	5105.079	2887.377
#3	1698.934	2139.932	40990.18	4994.042	2875.592

Sample Name: J4536-14DLX4 Acquired: 8/21/2018 16:41:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MGAB43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143901	.0077886	6.261642	.0010115	.0024753	2.914316	.1048449
Stddev	.0035074	.0024215	.028592	.0034821	.0026233	.041345	.0006733
%RSD	24.37364	31.09050	.4566215	344.2605	105.9813	1.418683	.6421927

#1	.0164019	.0065442	6.242348	-.001437	.0012249	2.872496	.1053556
#2	.0103401	.0105793	6.248087	-.000526	.0054898	2.915284	.1040819
#3	.0164281	.0062423	6.294490	.004998	.0007111	2.955169	.1050971

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027874	.0726766	429.2810	.0204009	.0392079	.0646725	85.16138
Stddev	.0000240	.0002704	1.3475	.0008514	.0008009	.0022729	.47752
%RSD	.8626274	.3720345	.3138972	4.173315	2.042635	3.514423	.5607248

#1	.0027944	.0724488	430.8273	.0194880	.0383468	.0622858	85.71259
#2	.0027607	.0726057	428.3583	.0205413	.0393464	.0668112	84.87329
#3	.0028072	.0729754	428.6574	.0211733	.0399304	.0649205	84.89827

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.82160	216.3357	.0421052	.0050220	.4828522	.0458497	3.787474
Stddev	.04787	.9796	.0004022	.0004367	.2308164	.0034288	.030956
%RSD	.4423395	.4528290	.9552093	8.695327	47.80271	7.478333	.8173312

#1	10.87644	217.4628	.0421999	.0048656	.5302164	.0438024	3.764179
#2	10.78819	215.8548	.0416641	.0055153	.6863127	.0439385	3.775642
#3	10.80018	215.6894	.0424516	.0046850	.2320277	.0498081	3.822601

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.557783	.6939992	.1005430	.0009575	4.919494	.2956702	-.006121
Stddev	.077918	.0059971	.0020697	.0005435	.014406	.0037656	.001263
%RSD	13.96931	.8641431	2.058521	56.76427	.2928410	1.273568	20.64185

#1	-.522559	.6916762	.1025958	.0015816	4.906385	.2968946	-.004902
#2	-.503696	.6895111	.0984568	.0007028	4.917179	.2986712	-.007424
#3	-.647094	.7008103	.1005764	.0005881	4.934918	.2914448	-.006036

Sample Name: J4536-14DLX4 Acquired: 8/21/2018 16:41:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MGAB43 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0383903	.0042100	.1126604
Stddev	.0038300	.0009511	.0003356
%RSD	9.976567	22.59105	.2978383

#1	.0376912	.0032405	.1129543
#2	.0349580	.0042478	.1122948
#3	.0425218	.0051416	.1127322

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1747.624	2186.492	41913.23	5112.958	2942.282
Stddev	6.758	2.201	71.01	28.564	6.641
%RSD	.3866901	.1006500	.1694211	.5586568	.2257033

#1	1739.829	2186.088	41832.87	5113.249	2945.490
#2	1751.198	2188.867	41939.30	5084.249	2946.709
#3	1751.843	2184.521	41967.52	5141.375	2934.646

Sample Name: CCV099 Acquired: 8/21/2018 16:45:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.761748	4.651328	23.79281	4.542303	4.669180	405.0594	9.548353
Stddev	.020859	.025986	.05775	.037707	.011609	.1185	.012469
%RSD	.4380520	.5586895	.2427298	.8301331	.2486270	.0292558	.1305866

#1	4.754384	4.635679	23.76500	4.535940	4.671525	405.0253	9.562621
#2	4.745569	4.636979	23.75423	4.508183	4.656578	405.1913	9.542894
#3	4.785290	4.681325	23.85921	4.582787	4.679438	404.9617	9.539545

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4763818	2.384572	390.6280	14.63122	2.413832	14.44572	399.4568
Stddev	.0031208	.007240	1.1207	.05933	.005204	.03466	1.6797
%RSD	.6551116	.3036209	.2868859	.4055018	.2156058	.2399399	.4205013

#1	.4732235	2.384434	391.9196	14.68090	2.414418	14.46980	401.3825
#2	.4794637	2.377401	390.0517	14.56553	2.408360	14.46135	398.6948
#3	.4764581	2.391879	389.9128	14.64723	2.418719	14.40599	398.2932

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.86531	390.9217	2.426843	1.192961	380.3419	2.353471	14.04378
Stddev	.04589	1.5424	.007654	.011899	1.7197	.017412	.39658
%RSD	.3309660	.3945666	.3153957	.9974435	.4521417	.7398565	2.823905

#1	13.91829	392.6590	2.425928	1.179237	382.3270	2.373142	13.62723
#2	13.83834	390.3932	2.419687	1.200395	379.3050	2.347238	14.41680
#3	13.83929	389.7130	2.434913	1.199251	379.3937	2.340032	14.08730

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	147.0515	5.310762	4.972768	4.672266	4.897566	4.638207	4.849170
Stddev	.3870	.047872	.035856	.018894	.052135	.026226	.028298
%RSD	.2631774	.9014060	.7210406	.4043818	1.064514	.5654421	.5835560

#1	147.4984	5.279916	4.938384	4.661650	4.854110	4.613200	4.830081
#2	146.8310	5.286460	5.009934	4.661068	4.883215	4.665503	4.835748
#3	146.8252	5.365910	4.969986	4.694080	4.955374	4.635917	4.881681

Sample Name: CCV099 Acquired: 8/21/2018 16:45:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV099 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.832442	4.846425	4.827725
Stddev	.002205	.006429	.011962
%RSD	.0456377	.1326569	.2477686

#1	4.832791	4.853808	4.840784
#2	4.834452	4.843402	4.825090
#3	4.830082	4.842064	4.817300

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1597.949	1985.436	39482.89	4936.694	2709.926
Stddev	21.413	5.087	121.38	18.421	7.248
%RSD	1.340028	.2562042	.3074230	.3731400	.2674467

#1	1622.061	1988.333	39611.03	4915.868	2711.726
#2	1581.154	1988.412	39467.98	4950.853	2716.104
#3	1590.631	1979.562	39369.64	4943.361	2701.948

Sample Name: CCB099 Acquired: 8/21/2018 16:49:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006404	-.000536	.0022157	.0041468	.0020305	.0021522	-.000824
Stddev	.003409	.000720	.0005546	.0014823	.0024273	.0063391	.000552
%RSD	53.22828	134.2843	25.03040	35.74475	119.5432	294.5380	67.05341

#1	-.002478	-.001358	.0024416	.0045790	.0008610	-.001620	-.001375
#2	-.008130	-.000230	.0015838	.0053649	.0048211	.009471	-.000826
#3	-.008606	-.000020	.0026217	.0024964	.0004093	-.001394	-.000270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000110	-.000084	.0164678	.0002232	-.000626	.0024517	.0134750
Stddev	.000053	.000075	.0116879	.0004624	.000205	.0036640	.0097192
%RSD	48.50547	88.40545	70.97418	207.1907	32.79578	149.4482	72.12763

#1	-.000081	-.000115	.0231199	.0005385	-.000827	.0031265	.0244238
#2	-.000171	.000001	.0233112	.0004388	-.000635	-.001503	.0101352
#3	-.000077	-.000139	.0029722	-.000308	-.000416	.005731	.0058661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001197	-.019070	-.000452	.0004386	-.182017	.0017682	-.002857
Stddev	.001418	.025643	.000739	.0000582	.204997	.0038922	.011475
%RSD	118.5124	134.4694	163.4174	13.25903	112.6254	220.1250	401.6441

#1	.000082	-.037331	.000313	.0004556	.054532	.0014783	.009346
#2	-.002722	.010246	-.000508	.0004864	-.292728	.0057973	-.004487
#3	-.000951	-.030125	-.001162	.0003739	-.307855	-.001971	-.013429

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.179274	-.005677	-.002451	-.000296	-.006376	.0014237	-.000430
Stddev	.200238	.003543	.001903	.000116	.001211	.0005241	.001120
%RSD	111.6942	62.40894	77.64476	39.24821	18.99976	36.81161	260.4033

#1	-.090170	-.008431	-.000254	-.000165	-.005517	.0019972	.000790
#2	-.408598	-.001680	-.003563	-.000387	-.007761	.0013043	-.000670
#3	-.039053	-.006921	-.003536	-.000335	-.005849	.0009696	-.001411

Sample Name: CCB099 Acquired: 8/21/2018 16:49:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v630) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB099 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000452	-.003212	-.000035
Stddev	.002708	.003420	.000162
%RSD	599.8514	106.4743	467.9926

#1	.001943	.000188	-.000105
#2	.000093	-.003173	.000150
#3	-.003391	-.006651	-.000149

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1779.941	2247.859	42000.03	5047.575	3250.689
Stddev	3.924	5.141	74.56	35.076	6.027
%RSD	.2204494	.2286958	.1775133	.6949040	.1853938

#1	1779.813	2252.412	41934.00	5007.150	3255.301
#2	1776.083	2248.881	41985.20	5069.950	3252.896
#3	1783.928	2242.284	42080.88	5065.625	3243.870

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2	Custom ID3
1	1	1	1	1	Unk	ICV		ICV		
2	2	1	2	1	Unk	ICB		ICB		
3	3	1	3	1	Unk	ICSA		ICSA		
4	4	1	4	1	Unk	ICSAB		ICSAB		
5	5	1	5	1	Unk	CCV097		CCV097		
6	6	1	6	1	Unk	CCB097		CCB097		
7	7	1	7	1	Unk	PB112209BL		PBS002		
8	8	1	8	1	Unk	PB112209BS		LCS002		
9	9	1	9	1	Unk	J4536-01		MGAB32		
10	10	1	10	1	Unk	J4536-02		MGAB32D		
11	11	1	11	1	Unk	J4536-03		MGAB32S		
12	12	1	12	1	Unk	J4536-01LX5		MGAB32L		
13	13	1	1	2	Unk	J4536-04		MGAB33		
14	14	1	2	2	Unk	J4536-05		MGAB34		
15	15	1	3	2	Unk	J4536-06		MGAB35		
16	16	1	4	2	Unk	J4536-07		MGAB36		
17	17	1	5	2	Unk	J4536-08		MGAB37		
18	18	1	6	2	Unk	J4536-09		MGAB38		
19	19	1	7	2	Unk	J4536-10		MGAB39		
20	20	1	8	2	Unk	J4536-11		MGAB40		
21	21	1	9	2	Unk	J4536-12		MGAB41		
22	22	1	10	2	Unk	J4536-13		MGAB42		
23	23	1	11	2	Unk	J4536-14		MGAB43		
24	24	1	12	2	Unk	J4536-15		MGAB44		
25	25	1	1	3	Unk	J4536-16		MGAB45		
26	26	1	2	3	Unk	J4536-17		MGAB46		
27	27	1	3	3	Unk	CCV098		CCV098		
28	28	1	4	3	Unk	CCB098		CCB098		
29	29	1	5	3	Unk	J4425-05		MA3YR7		
30	30	1	6	3	Unk	J4425-06		MA3YR7D		
31	31	1	7	3	Unk	J4425-07		MA3YR7S		
32	32	1	8	3	Unk	J4425-05LX5		MA3YR7L		
33	33	1	9	3	Unk	J4536-04DLX2		MGAB33		
34	34	1	10	3	Unk	J4536-05DLX2		MGAB34		
35	35	1	11	3	Unk	J4536-06DLX2		MGAB35		
36	36	1	12	3	Unk	J4536-07DLX2		MGAB36		
37	37	1	1	4	Unk	J4536-08DLX2		MGAB37		
38	38	1	2	4	Unk	J4536-09DLX2		MGAB38		
39	39	1	3	4	Unk	J4536-10DLX2		MGAB39		
40	40	1	4	4	Unk	J4536-11DLX2		MGAB40		
41	41	1	5	4	Unk	J4536-12DLX2		MGAB41		
42	42	1	6	4	Unk	J4536-13DLX2		MGAB42		
43	43	1	7	4	Unk	J4536-14DLX2		MGAB43		
44	44	1	8	4	Unk	J4536-15DLX2		MGAB44		
45	45	1	9	4	Unk	J4536-16DLX2		MGAB45		
46	46	1	10	4	Unk	J4536-07DLX4		MGAB36		
47	47	1	11	4	Unk	J4536-11DLX4		MGAB40		
48	48	1	12	4	Unk	J4536-12DLX4		MGAB41		
49	49	1	1	5	Unk	J4536-14DLX4		MGAB43		
50	50	1	2	5	Unk	CCV099		CCV099		
51	51	1	3	5	Unk	CCB099		CCB099		

	CorrFact	Check	Check Table	Fail Action
1	1	☒	ICV1	---
2	1	☒	ICB,CCB,PBW,PBS	---
3	1	☒	ICSA2	---
4	1	☒	ICSAB2	---
5	1	☒	CCV1	---
6	1	☒	ICB,CCB,PBW,PBS	---
7	1	☒	ICB,CCB,PBW,PBS	---
8	1	☒	LCSS,LCSW	---
9	1	☒	LR WITH 6 POINT	---
10	1	☒	LR WITH 6 POINT	---
11	1	☒	LR WITH 6 POINT	---
12	1	☒	LR WITH 6 POINT	---
13	1	☒	LR WITH 6 POINT	---
14	1	☒	LR WITH 6 POINT	---
15	1	☒	LR WITH 6 POINT	---
16	1	☒	LR WITH 6 POINT	---
17	1	☒	LR WITH 6 POINT	---
18	1	☒	LR WITH 6 POINT	---
19	1	☒	LR WITH 6 POINT	---
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21	1	☒	LR WITH 6 POINT	---
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23	1	☒	LR WITH 6 POINT	---
24	1	☒	LR WITH 6 POINT	---
25	1	☒	LR WITH 6 POINT	---
26	1	☒	LR WITH 6 POINT	---
27	1	☒	CCV1	---
28	1	☒	ICB,CCB,PBW,PBS	---
29	1	☒	LR WITH 6 POINT	---
30	1	☒	LR WITH 6 POINT	---
31	1	☒	LR WITH 6 POINT	---
32	1	☒	LR WITH 6 POINT	---
33	1	☒	LR WITH 6 POINT	---
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48	1	☒	LR WITH 6 POINT	---
49	1	☒	LR WITH 6 POINT	---
50	1	☐	LR WITH 6 POINT	---
51	1	☐	LR WITH 6 POINT	---