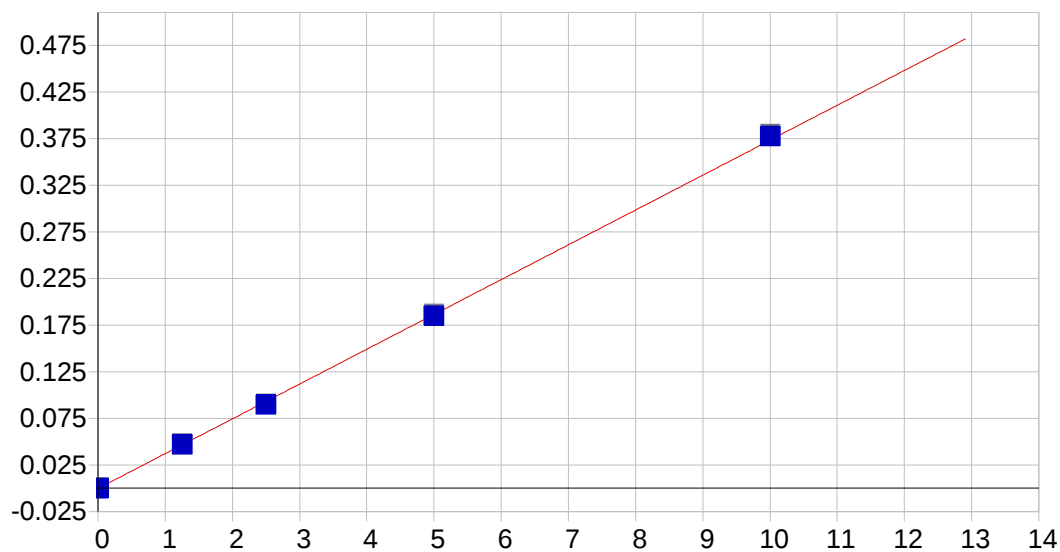




As 189.042 {479}

Date of Fit: 10/5/2018 16:54:55

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000273

Re-Slope: 1.000000

A1 (Gain): 0.037336

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999853

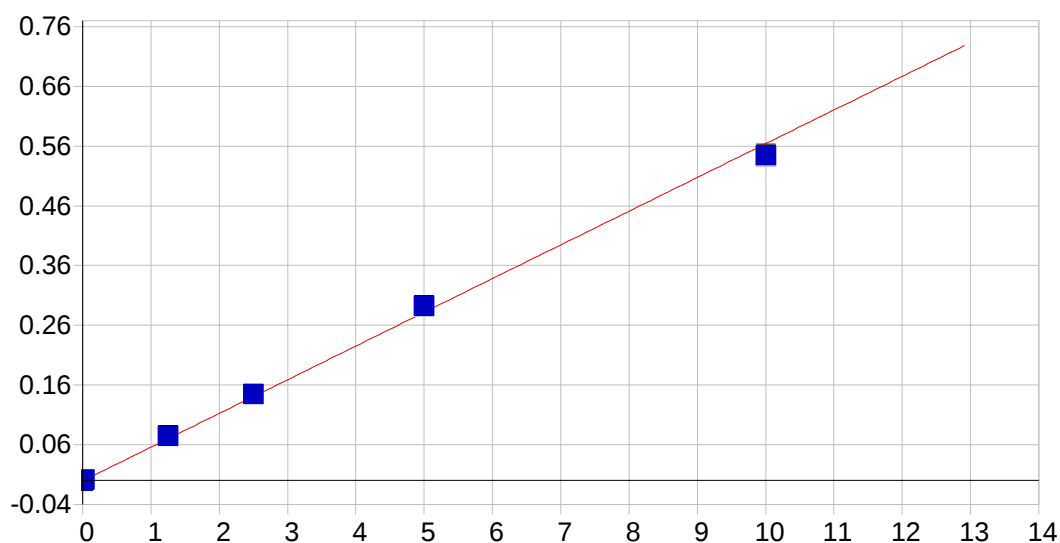
Status: OK.

Std Error of Est: 0.000011

Predicted MDL: 0.003318

Predicted MQL: 0.011061

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00027	.000	1
S1	.01000	.00867	-.001	-13.3	.00005	.000	1
S2	1.2500	1.2664	.016	1.31	.04719	.000	1
S3	2.5000	2.4054	-.095	-3.78	.08990	.000	1
S4	5.0000	4.9646	-.035	-.709	.18581	.001	1
S5	10.000	10.115	.115	1.15	.37882	.001	1

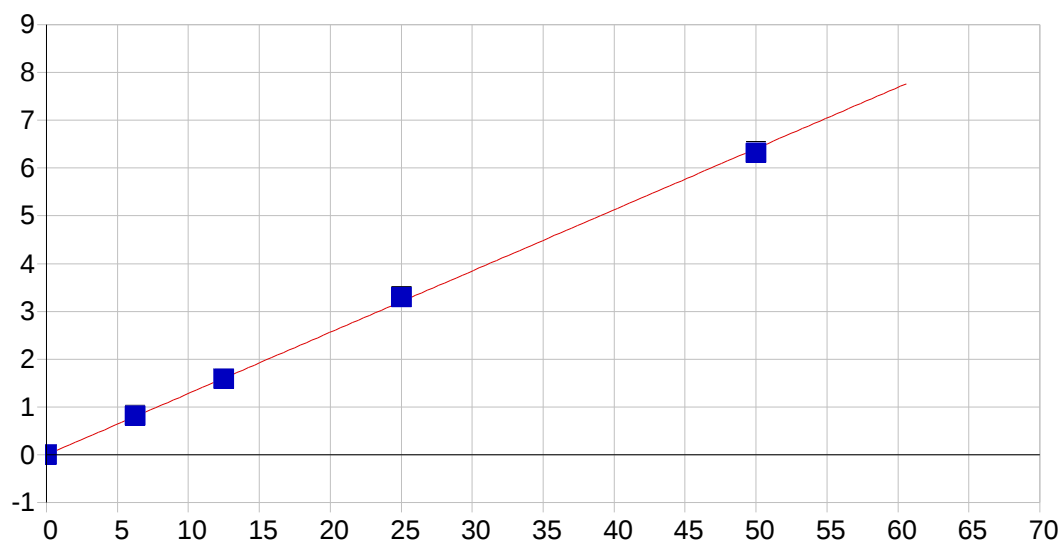


TI 190.856 {477}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000486 Re-Slope: 1.000000
 A1 (Gain): 0.056445 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999282 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.001932
 Predicted MQL: 0.006441

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00049	.000	1
S1	.02500	.02446	-.001	-2.17	.00087	.000	1
S2	1.2500	1.3321	.082	6.57	.07428	.001	1
S3	2.5000	2.5696	.070	2.79	.14370	.000	1
S4	5.0000	5.1931	.193	3.86	.29093	.001	1
S5	10.000	9.6557	-.344	-3.44	.54111	.002	1

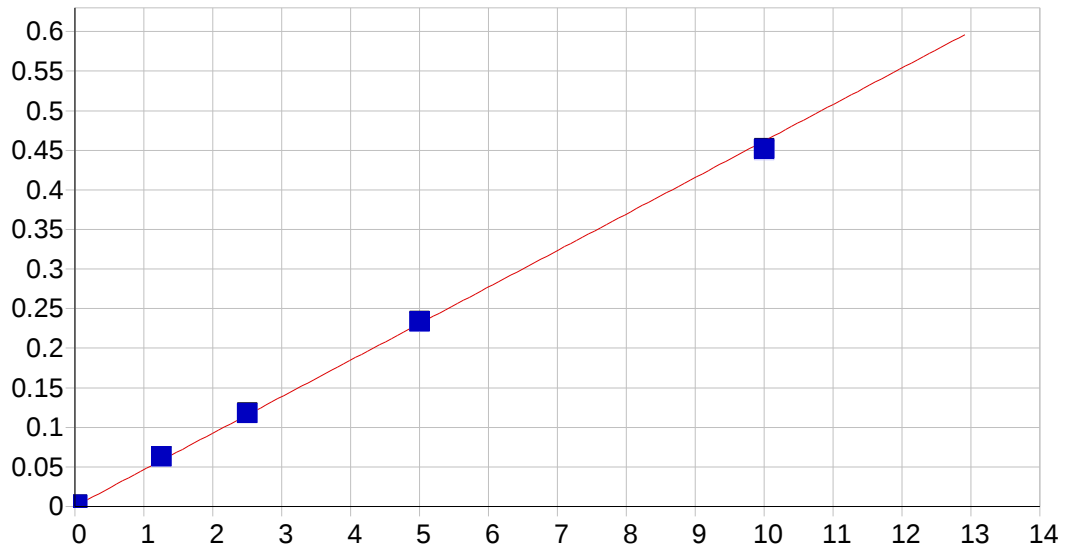


Pb 220.353 {453}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000174 Re-Slope: 1.000000
 A1 (Gain): 0.128149 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999821 Status: OK.
 Std Error of Est: 0.000091
 Predicted MDL: 0.001779
 Predicted MQL: 0.005929

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.01000	.00843	-.002	-15.7	.00091	.000	1
S2	6.2500	6.3773	.127	2.04	.81818	.007	1
S3	12.500	12.387	-.113	-.907	1.5894	.003	1
S4	25.000	25.700	.700	2.80	3.2976	.007	1
S5	50.000	49.288	-.712	-1.42	6.3249	.020	1

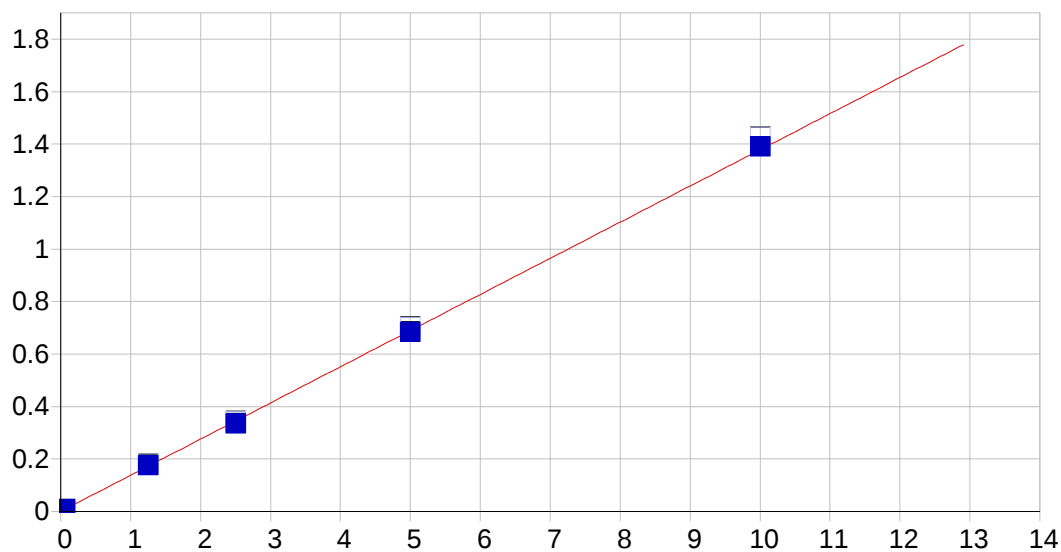


Se 196.090 {472}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000285 Re-Slope: 1.000000
 A1 (Gain): 0.046149 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999578 Status: OK.
 Std Error of Est: 0.000042
 Predicted MDL: 0.003232
 Predicted MQL: 0.010775

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00028	.000	1
S1	.03500	.03854	.004	10.1	.00206	.000	1
S2	1.2500	1.3543	.104	8.34	.06251	.000	1
S3	2.5000	2.5534	.053	2.14	.11758	.000	1
S4	5.0000	5.0586	.059	1.17	.23265	.000	1
S5	10.000	9.7802	-.220	-2.20	.44947	.001	1

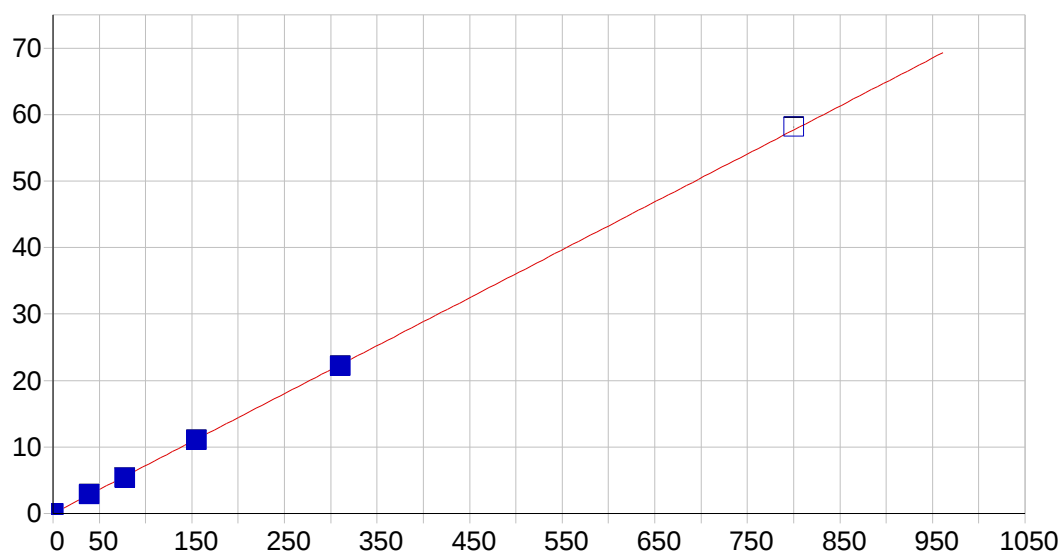


Sb 206.833 {463}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000442 Re-Slope: 1.000000
 A1 (Gain): 0.137769 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999903 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.001550
 Predicted MQL: 0.005168

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00044	.000	1
S1	.06000	.05910	-.001	-1.49	.00858	.000	1
S2	1.2500	1.2761	.026	2.09	.18094	.001	1
S3	2.5000	2.4241	-.076	-3.04	.34378	.001	1
S4	5.0000	4.9651	-.035	-.698	.70324	.001	1
S5	10.000	10.086	.086	.856	1.4275	.001	1

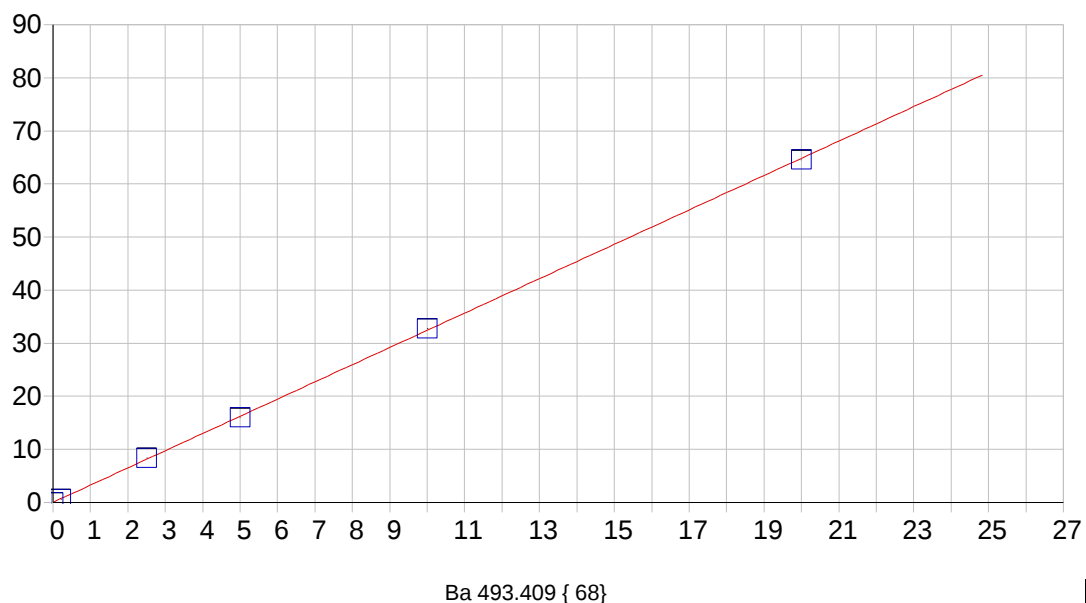


AI 396.152 { 85}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.004062	Re-Slope: 1.000000
A1 (Gain):	0.072089	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999920	Status: OK.
Std Error of Est:	0.000568	
Predicted MDL:	0.014978	
Predicted MQL:	0.049925	

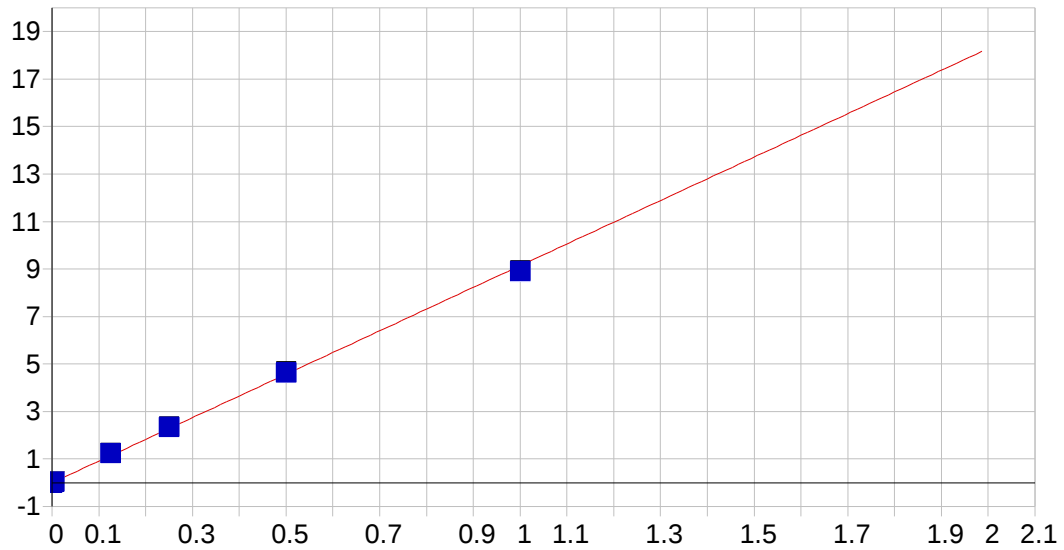
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00406	.000	1
S1	.20000	.17403	-.026	-13.0	.01663	.000	1
S2	38.750	39.622	.872	2.25	2.8630	.004	1
S3	77.500	74.712	-2.79	-3.60	5.3952	.002	1
S4	155.00	153.11	-1.89	-1.22	11.052	.037	1
S5	310.00	307.34	-2.66	-.860	22.180	.063	1
S6	800.00	806.50	6.50	.813	58.144	.030	1



Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.037180 Re-Slope: 1.000000
 A1 (Gain): 3.239896 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.003661
 Predicted MDL: 0.001040
 Predicted MQL: 0.003466

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.03719	.003	1
S1	.20000	.19397	-.006	-3.02	.66562	.003	1
S2	2.5000	2.5626	.063	2.50	8.3398	.016	1
S3	5.0000	4.9225	-.077	-1.55	15.986	.030	1
S4	10.000	10.100	.100	.999	32.760	.030	1
S5	20.000	19.921	-.079	-.395	64.579	.050	1

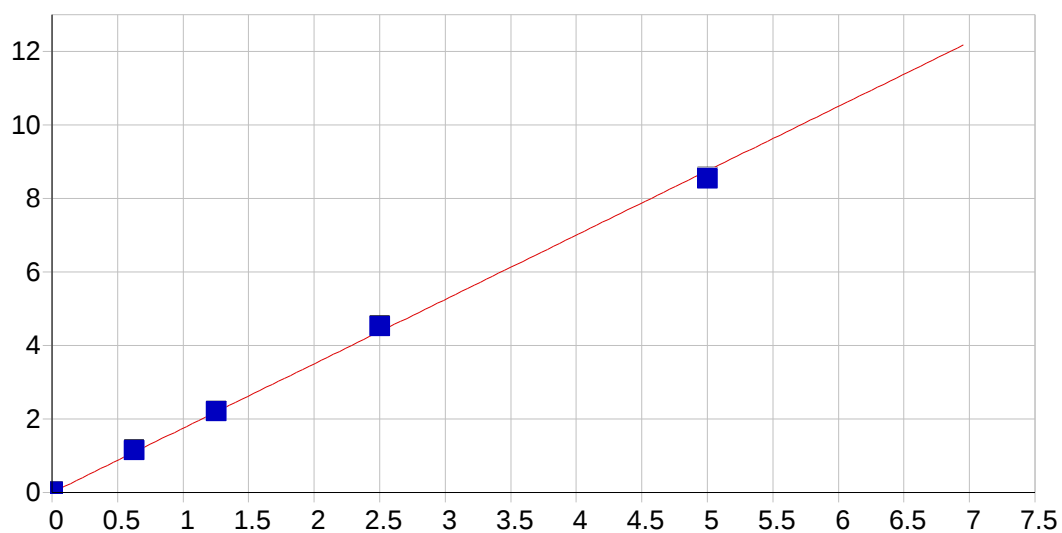


Be 234.861 {144}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003543 Re-Slope: 1.000000
 A1 (Gain): 9.145634 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999506 Status: OK.
 Std Error of Est: 0.001075
 Predicted MDL: 0.000064
 Predicted MQL: 0.000214

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00355	.000	1
S1	.00500	.00499	.000	-.234	.04204	.000	1
S2	.12500	.13561	.011	8.49	1.2317	.004	1
S3	.25000	.25715	.007	2.86	2.3382	.010	1
S4	.50000	.50735	.007	1.47	4.6165	.044	1
S5	1.0000	.97490	-.025	-2.51	8.8726	.029	1

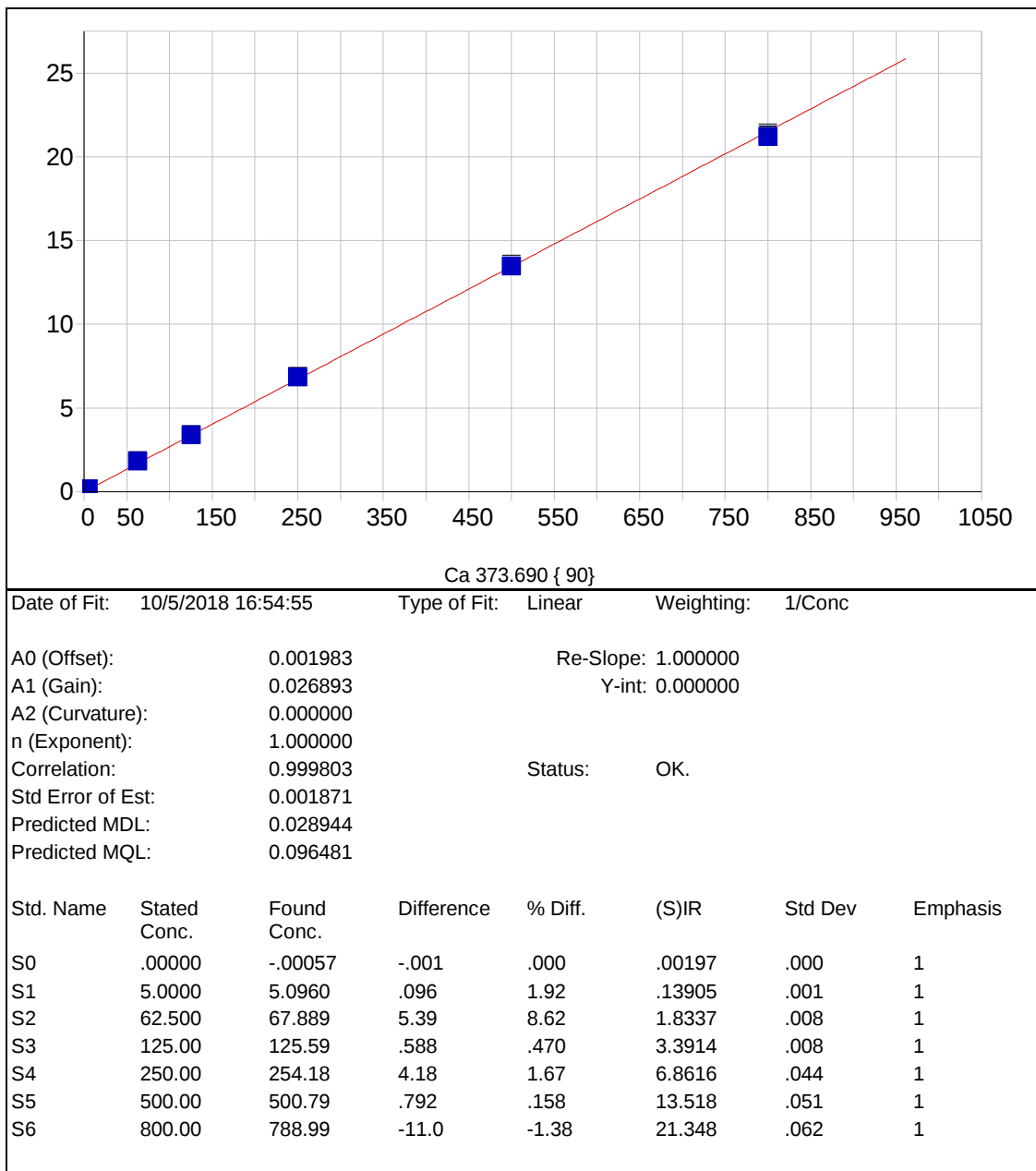


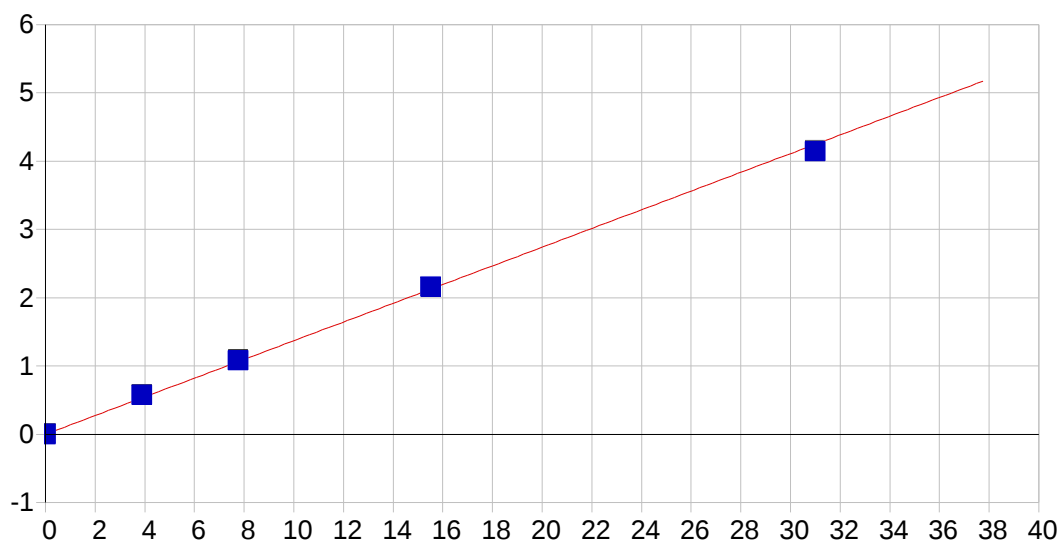
Cd 214.438 {457}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000154 Re-Slope: 1.000000
 A1 (Gain): 1.750567 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999630 Status: OK.
 Std Error of Est: 0.000400
 Predicted MDL: 0.000091
 Predicted MQL: 0.000302

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.00500	.00475	.000	-5.10	.00847	.000	1
S2	.62500	.65507	.030	4.81	1.1492	.009	1
S3	1.2500	1.2609	.011	.872	2.2119	.004	1
S4	2.5000	2.5796	.080	3.18	4.5248	.012	1
S5	5.0000	4.8797	-.120	-2.41	8.5605	.025	1



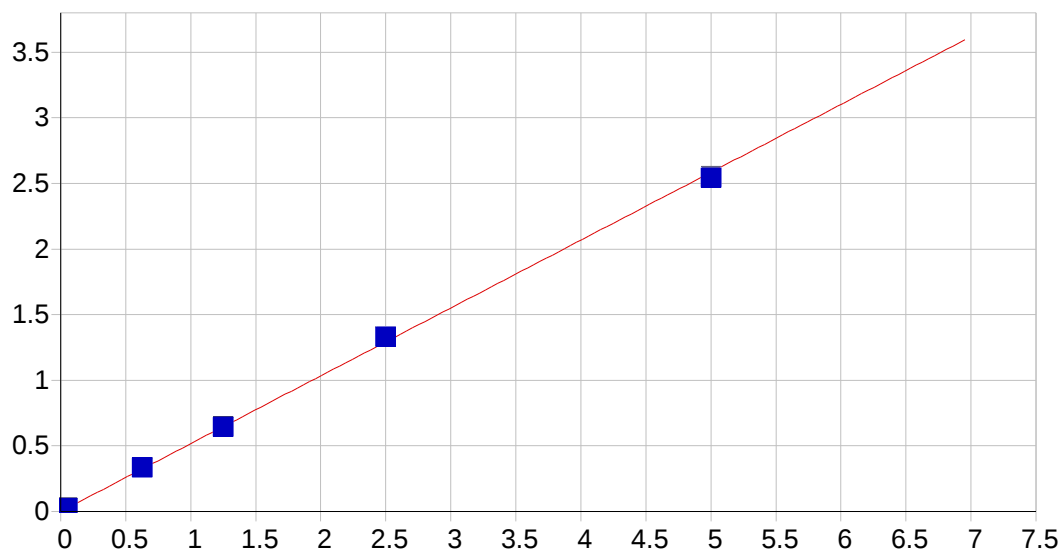


Cr 267.716 {126}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000019 Re-Slope: 1.000000
 A1 (Gain): 0.137043 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999530 Status: OK.
 Std Error of Est: 0.000124
 Predicted MDL: 0.000542
 Predicted MQL: 0.001808

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01000	.01089	.001	8.89	.00152	.000	1
S2	3.8750	4.2135	.338	8.73	.57838	.001	1
S3	7.7500	7.9038	.154	1.98	1.0850	.003	1
S4	15.500	15.754	.254	1.64	2.1628	.002	1
S5	31.000	30.253	-.747	-2.41	4.1534	.008	1

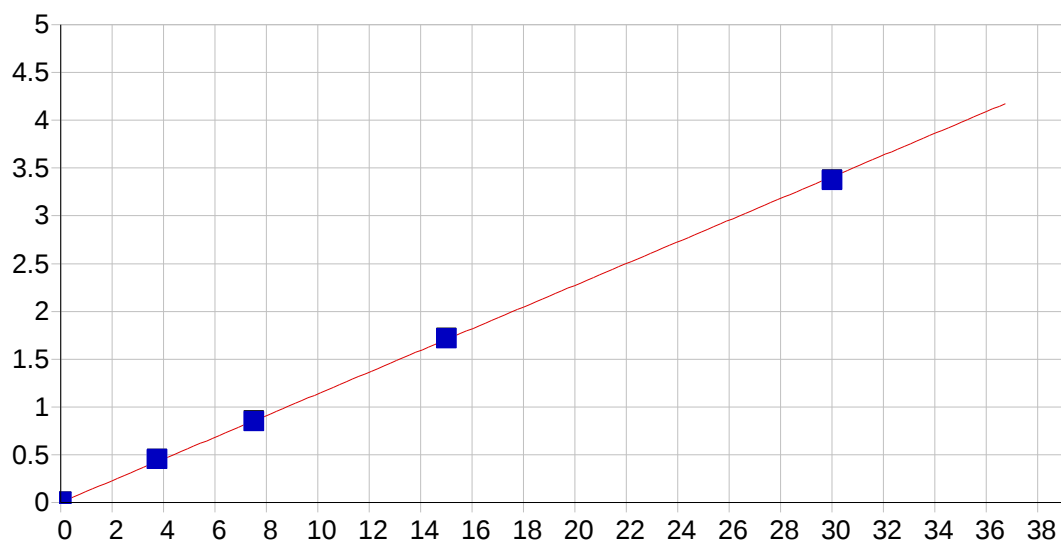


Co 228.616 {448}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000132 Re-Slope: 1.000000
 A1 (Gain): 0.516945 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999771 Status: OK.
 Std Error of Est: 0.000294
 Predicted MDL: 0.000297
 Predicted MQL: 0.000990

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.05000	.04514	-.005	-9.73	.02356	.000	1
S2	.62500	.64287	.018	2.86	.33310	.003	1
S3	1.2500	1.2457	-.004	-.347	.64535	.001	1
S4	2.5000	2.5715	.072	2.86	1.3320	.003	1
S5	5.0000	4.9198	-.080	-1.60	2.5485	.007	1

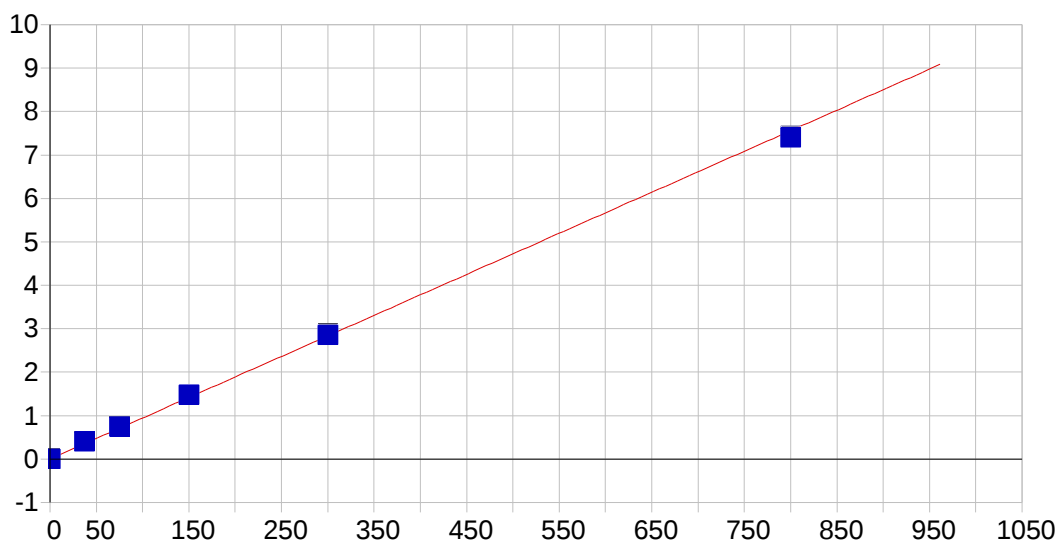


Cu 324.754 {104}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001538 Re-Slope: 1.000000
 A1 (Gain): 0.113554 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999844 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.004813
 Predicted MQL: 0.016044

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00154	.000	1
S1	.02500	.02315	-.002	-7.40	.00416	.000	1
S2	3.7500	3.9754	.225	6.01	.45269	.003	1
S3	7.5000	7.4650	-.035	-.466	.84869	.004	1
S4	15.000	15.107	.107	.712	1.7159	.003	1
S5	30.000	29.705	-.295	-.985	3.3725	.003	1

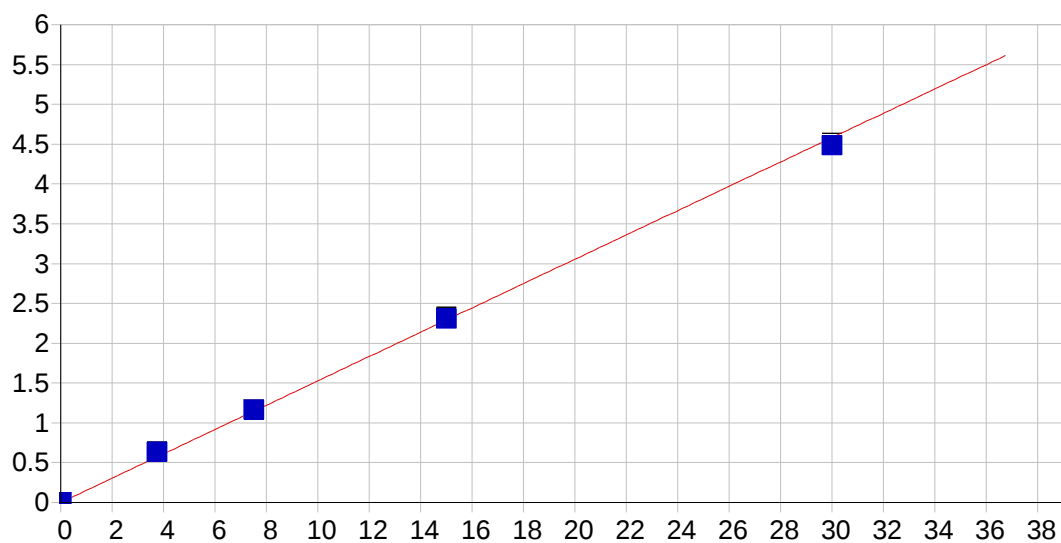


Fe 259.837 {130}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000111 Re-Slope: 1.000000
 A1 (Gain): 0.009448 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999455 Status: OK.
 Std Error of Est: 0.000137
 Predicted MDL: 0.026524
 Predicted MQL: 0.088415

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00011	.000	1
S1	.10000	.09205	-.008	-7.95	.00100	.000	1
S2	37.500	42.573	5.07	13.5	.40426	.003	1
S3	75.000	78.457	3.46	4.61	.74520	.003	1
S4	150.00	156.36	6.36	4.24	1.4850	.007	1
S5	300.00	302.27	2.27	.757	2.8713	.025	1
S6	800.00	782.84	-17.2	-2.15	7.4310	.010	1

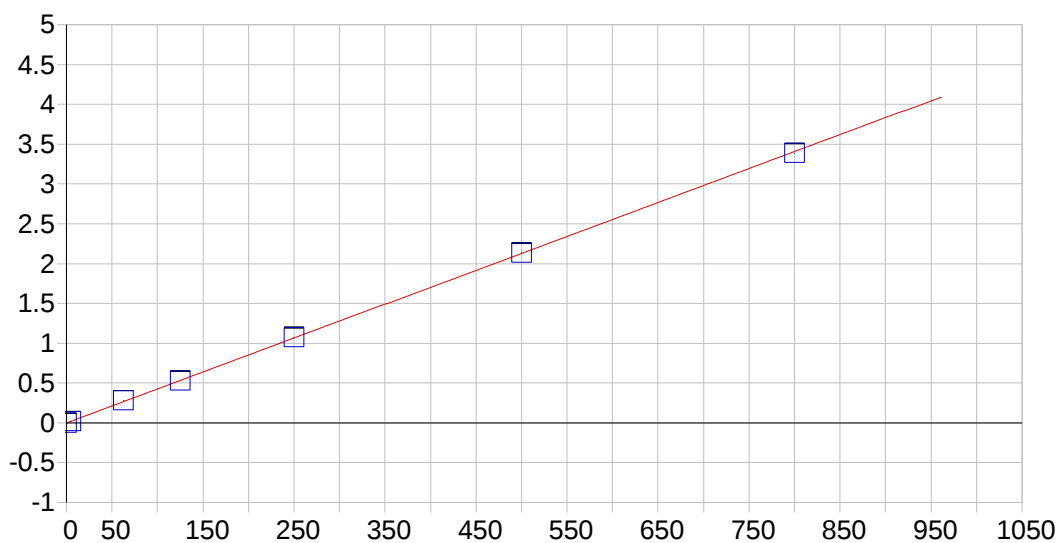


Mn 257.610 {131}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000205 Re-Slope: 1.000000
 A1 (Gain): 0.152714 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999470 Status: OK.
 Std Error of Est: 0.000177
 Predicted MDL: 0.001600
 Predicted MQL: 0.005335

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.01500	.01475	.000	-1.64	.00246	.000	1
S2	3.7500	4.1506	.401	10.7	.63418	.004	1
S3	7.5000	7.6200	.120	1.60	1.1641	.003	1
S4	15.000	15.127	.127	.845	2.3108	.021	1
S5	30.000	29.353	-.647	-2.16	4.4838	.028	1

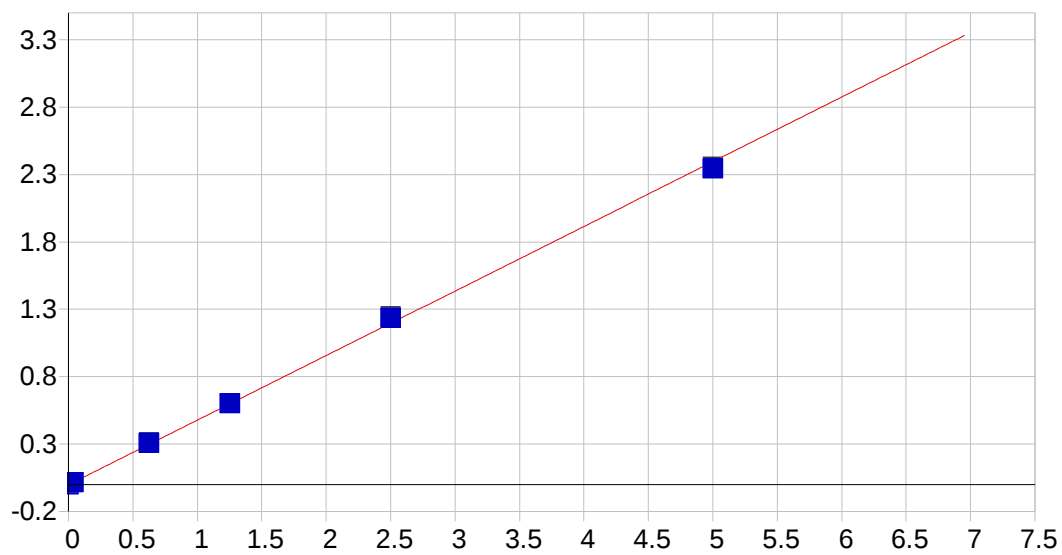


Mg 279.079 {121}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000276 Re-Slope: 1.000000
 A1 (Gain): 0.004258 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.000170
 Predicted MDL: 0.072086
 Predicted MQL: 0.240286

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	.000	.000	-.00028	.000	1
S1	5.0000	4.8767	-.123	-2.47	.02049	.000	1
S2	62.500	65.683	3.18	5.09	.27938	.001	1
S3	125.00	123.60	-1.40	-1.12	.52596	.002	1
S4	250.00	251.76	1.76	.705	1.0716	.007	1
S5	500.00	501.48	1.48	.295	2.1348	.009	1
S6	800.00	795.10	-4.90	-.612	3.3850	.006	1

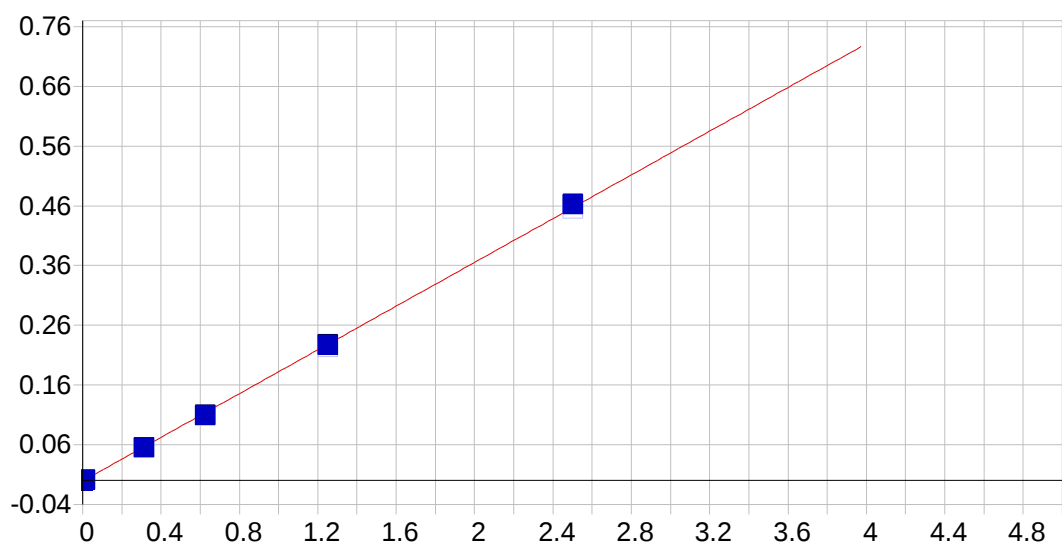


Ni 231.604 {446}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001416 Re-Slope: 1.000000
 A1 (Gain): 0.479299 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999679 Status: OK.
 Std Error of Est: 0.000289
 Predicted MDL: 0.000409
 Predicted MQL: 0.001364

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00142	.000	1
S1	.04000	.03814	-.002	-4.66	.01687	.000	1
S2	.62500	.64900	.024	3.84	.31027	.002	1
S3	1.2500	1.2558	.006	.465	.60172	.001	1
S4	2.5000	2.5814	.081	3.26	1.2383	.005	1
S5	5.0000	4.8906	-.109	-2.19	2.3476	.008	1

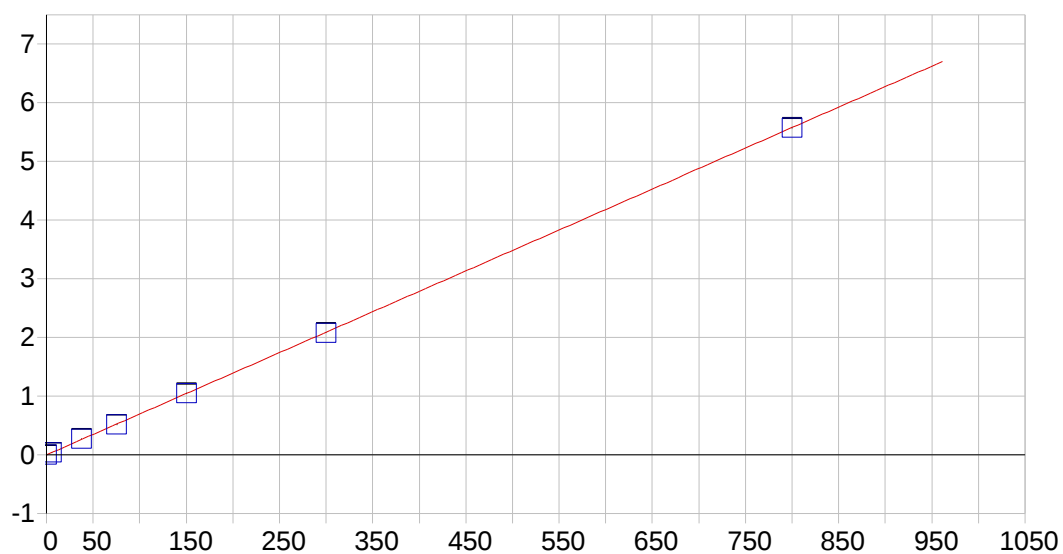


Ag 328.068 {103}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000816 Re-Slope: 1.000000
 A1 (Gain): 0.183057 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.000560
 Predicted MQL: 0.001868

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00082	.000	1
S1	.01000	.00989	.000	-1.05	.00098	.000	1
S2	.31250	.30861	-.004	-1.24	.05481	.000	1
S3	.62500	.60408	-.021	-3.35	.10802	.000	1
S4	1.2500	1.2467	-.003	-.265	.22392	.000	1
S5	2.5000	2.5282	.028	1.13	.45502	.001	1

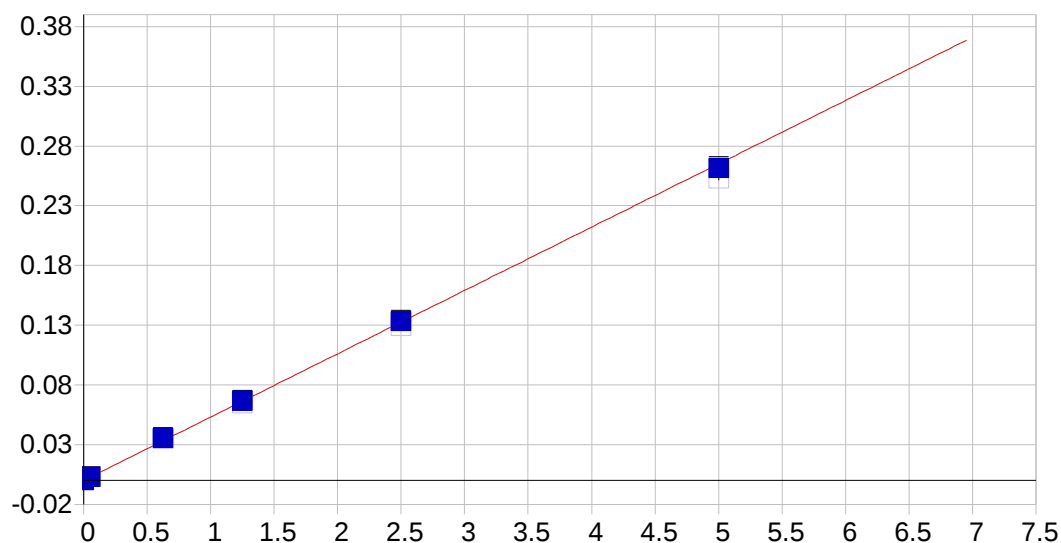


Na 818.326 { 41}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000833 Re-Slope: 1.000000
 A1 (Gain): 0.006972 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000230
 Predicted MDL: 0.333431
 Predicted MQL: 1.111436

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00033	.000	.000	-.00084	.004	1
S1	5.0000	5.0991	.099	1.98	.03472	.001	1
S2	37.500	39.727	2.23	5.94	.27616	.003	1
S3	75.000	74.165	-.835	-1.11	.51627	.003	1
S4	150.00	150.53	.532	.354	1.0487	.006	1
S5	300.00	298.29	-1.71	-.570	2.0790	.005	1
S6	800.00	799.69	-.312	-.039	5.5749	.008	1

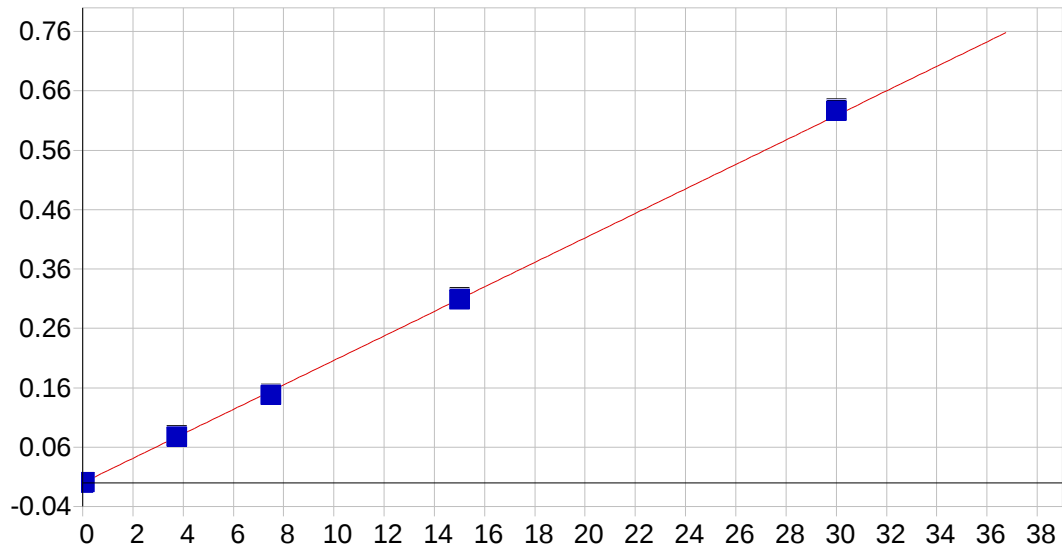


V 292.402 {115}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000131 Re-Slope: 1.000000
 A1 (Gain): 0.052998 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999741 Status: OK.
 Std Error of Est: 0.000031
 Predicted MDL: 0.007061
 Predicted MQL: 0.023538

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.05000	.05138	.001	2.75	.00285	.001	1
S2	.62500	.67046	.045	7.27	.03457	.000	1
S3	1.2500	1.2575	.008	.603	.06459	.001	1
S4	2.5000	2.5180	.018	.718	.12921	.001	1
S5	5.0000	4.9276	-.072	-1.45	.25254	.001	1

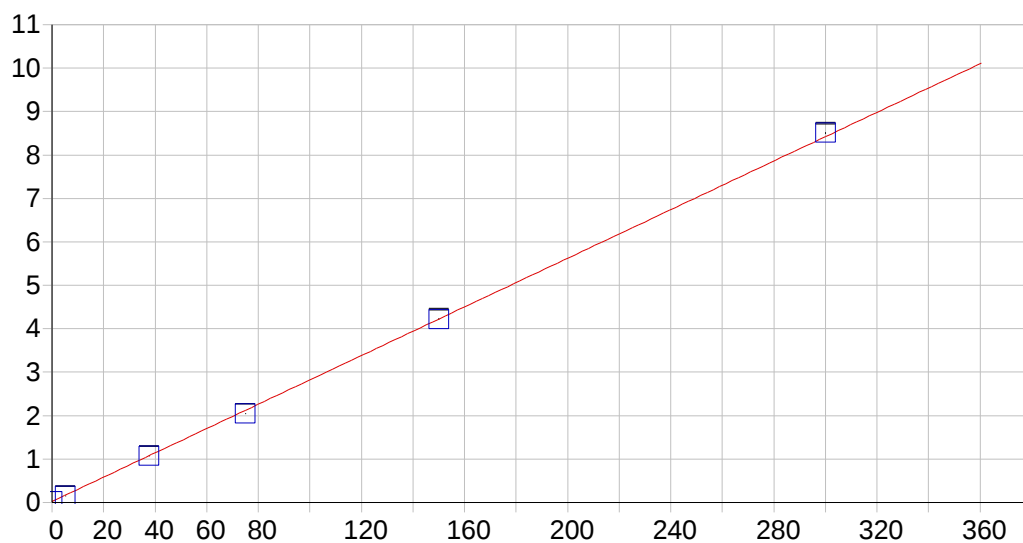


Zn 213.856 {158}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000193 Re-Slope: 1.000000
 A1 (Gain): 0.020632 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999829 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.014800
 Predicted MQL: 0.049333

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.06000	.05784	-.002	-3.61	.00100	.000	1
S2	3.7500	3.7685	.019	.494	.07792	.002	1
S3	7.5000	7.1640	-.336	-4.48	.14834	.001	1
S4	15.000	14.968	-.032	-.213	.31009	.002	1
S5	30.000	30.352	.352	1.17	.62894	.001	1

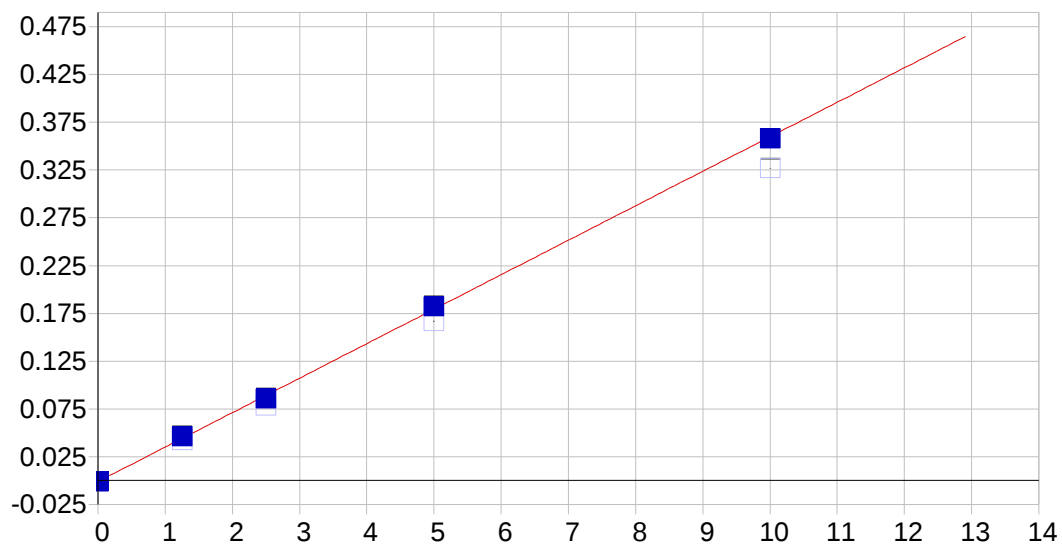


K 769.896 { 44}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.022816	Re-Slope: 1.000000
A1 (Gain):	0.027998	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999853	Status: OK.
Std Error of Est:	0.000989	
Predicted MDL:	0.075228	
Predicted MQL:	0.250761	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00055	.001	.000	.02283	.001	1
S1	5.0000	4.5930	-.407	-8.14	.15141	.002	1
S2	37.500	37.402	-.098	-.261	1.0700	.002	1
S3	75.000	72.278	-2.72	-3.63	2.0464	.002	1
S4	150.00	150.02	.024	.016	4.2232	.015	1
S5	300.00	303.20	3.20	1.07	8.5118	.019	1



Date of Fit: 10/5/2018 16:54:55

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001048

Re-Slope: 1.000000

A1 (Gain): 0.036090

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999755

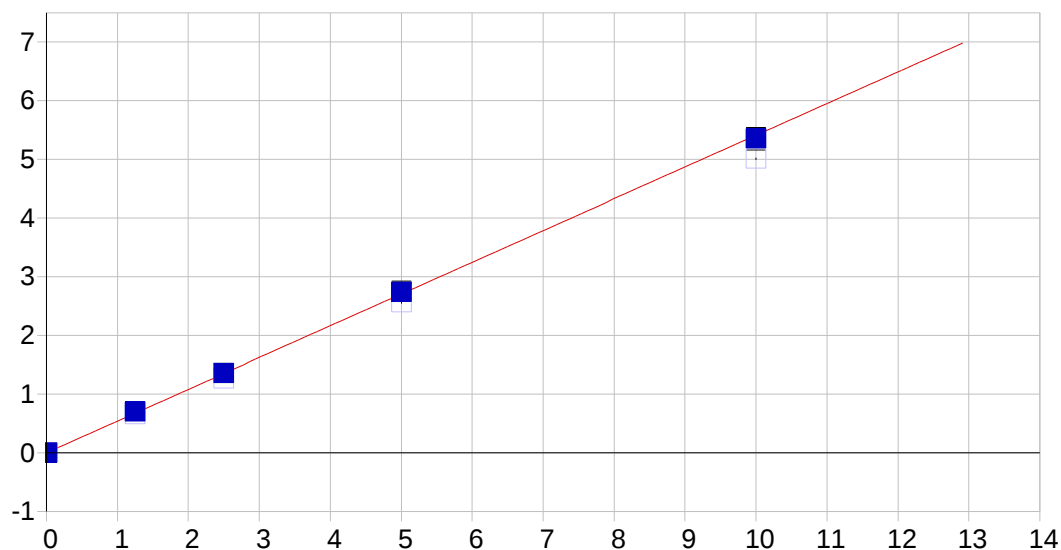
Status: OK.

Std Error of Est: 0.000012

Predicted MDL: 0.002412

Predicted MQL: 0.008042

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00105	.000	1
S1	.01000	.00917	-.001	-8.31	-.00074	.000	1
S2	1.2500	1.3114	.061	4.91	.04239	.000	1
S3	2.5000	2.4142	-.086	-3.43	.07830	.000	1
S4	5.0000	5.0817	.082	1.63	.16679	.001	1
S5	10.000	9.9435	-.057	-.565	.32669	.000	1

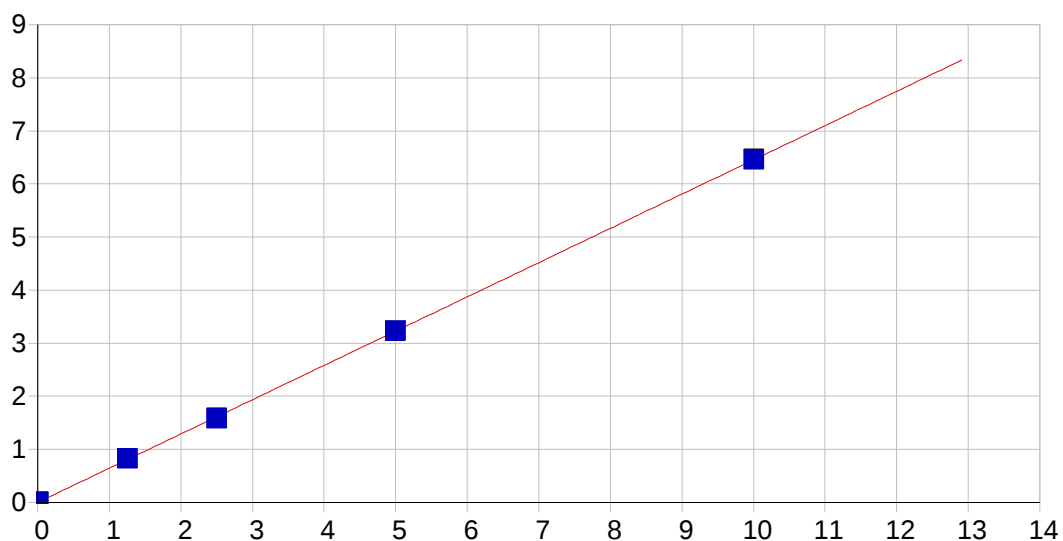


B 249.678 {135}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000036	Re-Slope: 1.000000
A1 (Gain):	0.541310	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999902	Status: OK.
Std Error of Est:	0.000119	
Predicted MDL:	0.001099	
Predicted MQL:	0.003663	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00004	.000	1
S1	.01000	.00910	-.001	-8.96	.00488	.000	1
S2	1.2500	1.2946	.045	3.56	.65734	.006	1
S3	2.5000	2.4972	-.003	-.110	1.2649	.009	1
S4	5.0000	5.0559	.056	1.12	2.5631	.020	1
S5	10.000	9.9032	-.097	-.968	5.0132	.017	1

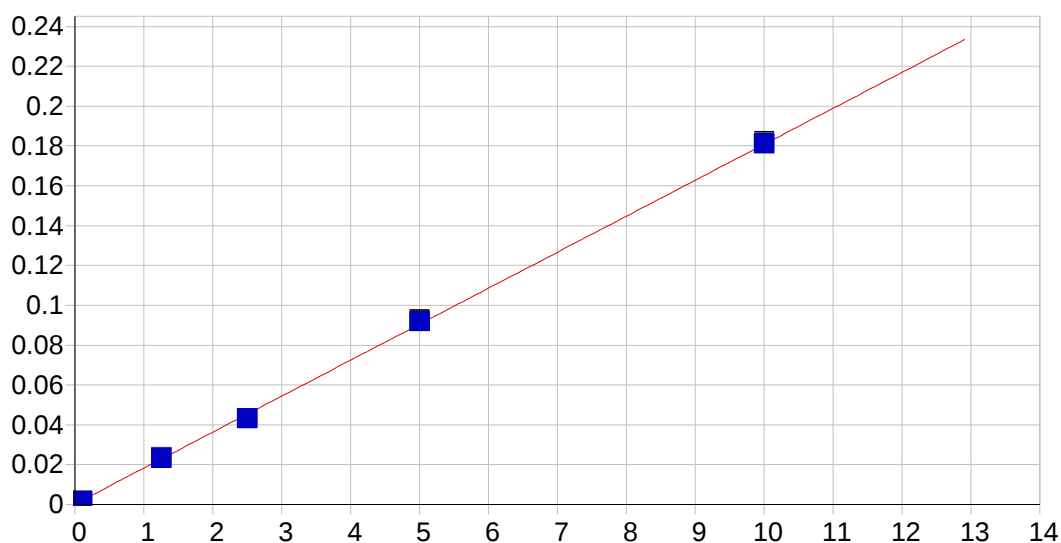


Mo 202.030 {467}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000461 Re-Slope: 1.000000
 A1 (Gain): 0.645369 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000102
 Predicted MDL: 0.000291
 Predicted MQL: 0.000969

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00046	.000	1
S1	.01000	.00981	.000	-1.88	.00679	.000	1
S2	1.2500	1.2785	.028	2.28	.82553	.001	1
S3	2.5000	2.4505	-.049	-1.98	1.5819	.005	1
S4	5.0000	5.0095	.010	.190	3.2333	.003	1
S5	10.000	10.012	.012	.116	6.4614	.006	1

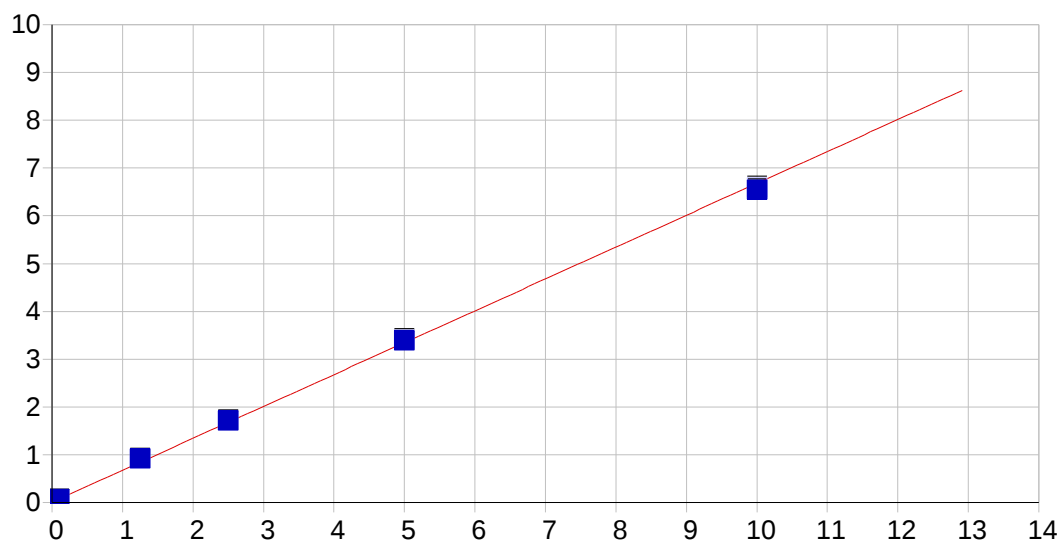


S 182.034 {485}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000205 Re-Slope: 1.000000
 A1 (Gain): 0.018062 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999669 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.004582
 Predicted MQL: 0.015275

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00021	.000	1
S1	.10000	.07948	-.021	-20.5	.00164	.000	1
S2	1.2500	1.2891	.039	3.13	.02350	.000	1
S3	2.5000	2.3799	-.120	-4.80	.04321	.000	1
S4	5.0000	5.0788	.079	1.58	.09197	.001	1
S5	10.000	10.023	.023	.227	.18130	.001	1

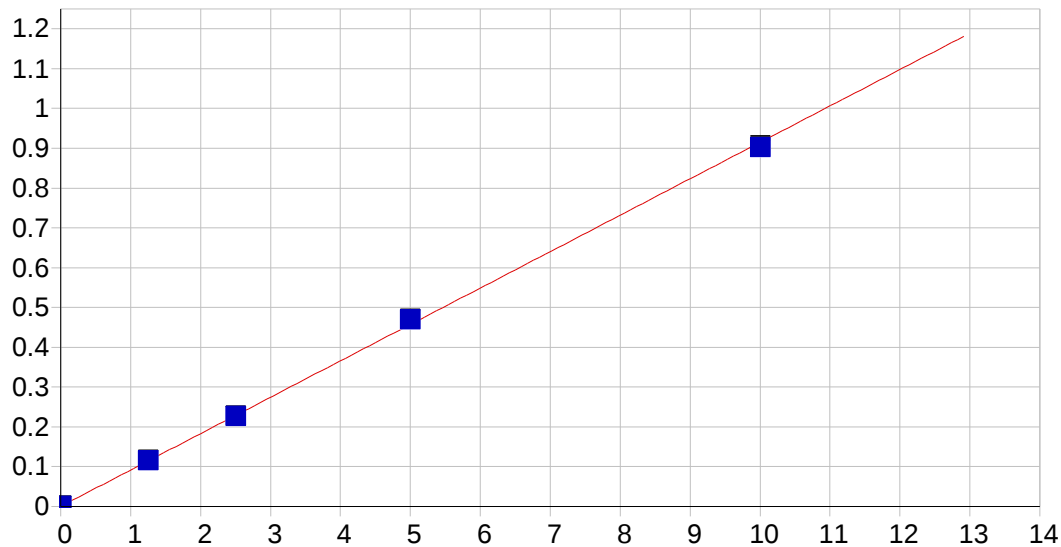


Si 251.611 {134}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008695 Re-Slope: 1.000000
 A1 (Gain): 0.667087 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999580 Status: OK.
 Std Error of Est: 0.001036
 Predicted MDL: 0.001032
 Predicted MQL: 0.003440

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00869	.001	1
S1	.10000	.09407	-.006	-5.93	.07168	.001	1
S2	1.2500	1.3602	.110	8.82	.92289	.005	1
S3	2.5000	2.5452	.045	1.81	1.7202	.009	1
S4	5.0000	5.0616	.062	1.23	3.4126	.025	1
S5	10.000	9.7889	-.211	-2.11	6.5934	.028	1

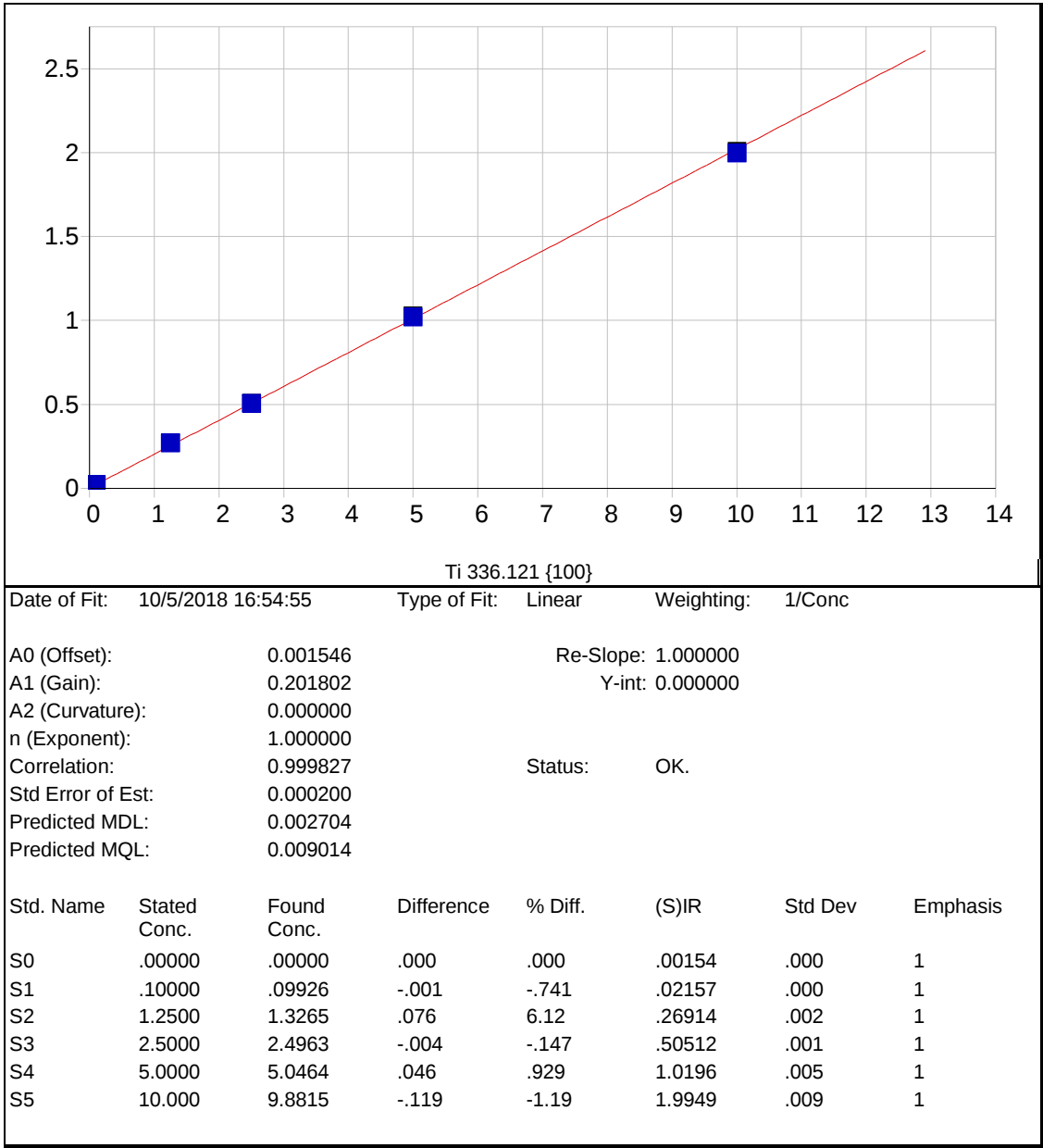


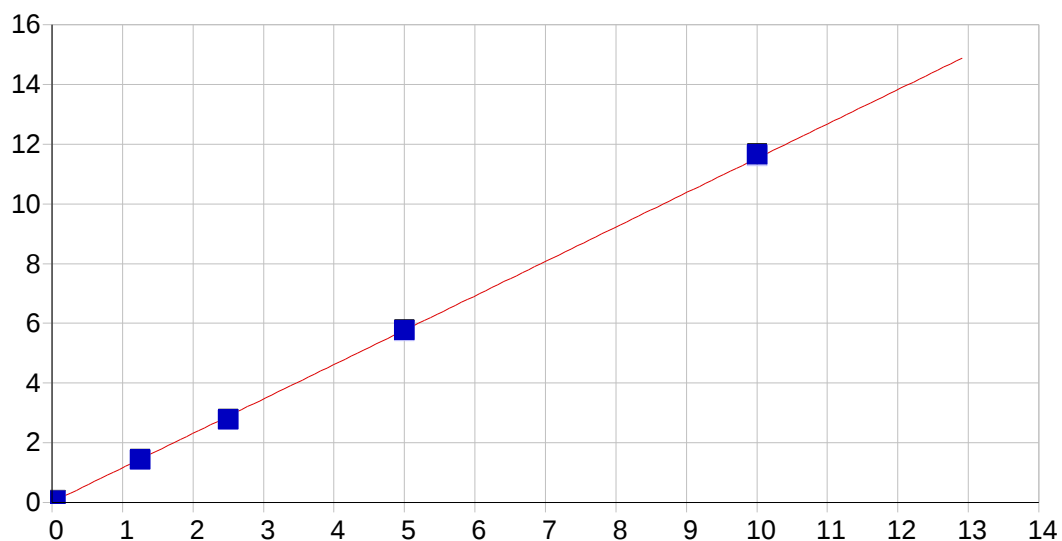
Sn 189.989 {478}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000173 Re-Slope: 1.000000
 A1 (Gain): 0.091458 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999838 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.001020
 Predicted MQL: 0.003400

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00017	.000	1
S1	.00700	.00579	-.001	-17.3	.00068	.000	1
S2	1.2500	1.2652	.015	1.22	.11564	.001	1
S3	2.5000	2.4796	-.020	-.817	.22645	.001	1
S4	5.0000	5.1374	.137	2.75	.46902	.001	1
S5	10.000	9.8689	-.131	-1.31	.90074	.004	1





Li 670.784 { 50}

Date of Fit: 10/5/2018 16:54:55 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.013204 Re-Slope: 1.000000
 A1 (Gain): 1.151151 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999847 Status: OK.
 Std Error of Est: 0.000753
 Predicted MDL: 0.002088
 Predicted MQL: 0.006961

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01321	.001	1
S5	10.000	10.109	.109	1.09	11.586	.026	1
S4	5.0000	5.0010	.001	.021	5.7378	.013	1
S3	2.5000	2.4060	-.094	-3.76	2.7667	.004	1
S2	1.2500	1.2407	-.009	-.744	1.4333	.004	1
S1	.05000	.04325	-.007	-13.5	.06287	.002	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

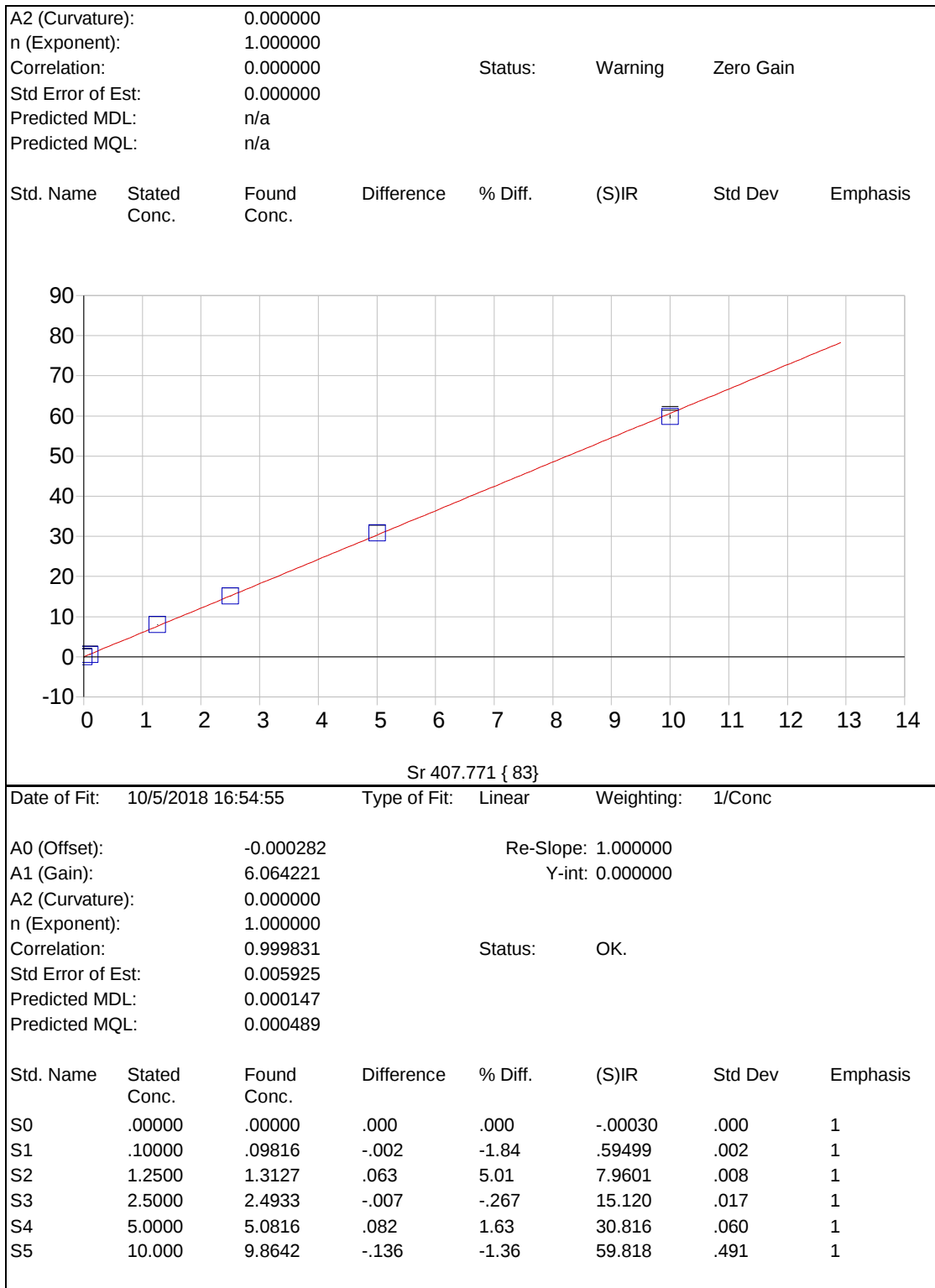
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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: 10/5/2018 13:49:15 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	-.00027	-.00049	-.00017	.00028	.00044	.00406	.03719	-.00355
Stddev	.00006	.00012	.00017	.00005	.00014	.00038	.00304	.00011
%RSD	23.262	25.305	96.966	17.295	32.723	9.3133	8.1675	3.0659

#1	-.00021	-.00050	.00000	.00026	.00028	.00369	.04069	-.00360
#2	-.00034	-.00036	-.00034	.00026	.00052	.00406	.03525	-.00362
#3	-.00027	-.00060	-.00018	.00034	.00053	.00445	.03563	-.00342

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	.00015	.00197	.00002	.00013	.00154	.00011	.00020	-.00028
Stddev	.00010	.00032	.00007	.00004	.00005	.00028	.00010	.00014
%RSD	61.911	16.333	364.57	33.380	3.2184	256.96	49.139	50.034

#1	.00011	.00234	.00010	.00009	.00153	.00037	.00014	-.00040
#2	.00026	.00180	-.00002	.00018	.00149	.00015	.00032	-.00031
#3	.00009	.00177	-.00002	.00012	.00159	-.00019	.00016	-.00012

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00142	-.00082	-.00084	.00013	-.00019	.02283	-.00105	.00004
Stddev	.00011	.00012	.00412	.00028	.00007	.00062	.00006	.00037
%RSD	8.1202	14.581	492.36	213.28	38.005	2.7074	5.5326	1019.4

#1	-.00142	-.00068	-.00118	-.00019	-.00011	.02272	-.00108	.00037
#2	-.00153	-.00088	-.00477	.00025	-.00022	.02227	-.00108	-.00036
#3	-.00130	-.00089	.00344	.00033	-.00025	.02350	-.00098	.00010

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	.00046	.00021	.00869	.00017	.00154	.01321	-.00030	
Stddev	.00004	.00004	.00095	.00009	.00045	.00083	.00023	
%RSD	7.9237	20.738	10.904	53.028	28.954	6.3105	75.457	

#1	.00045	.00016	.00895	.00010	.00104	.01337	-.00007	
#2	.00043	.00021	.00764	.00014	.00190	.01396	-.00031	
#3	.00050	.00025	.00949	.00028	.00169	.01231	-.00052	

Sample Name: S0 Acquired: 10/5/2018 13:49:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	2467.4	3478.8	54629.	4964.3	4875.2
Stddev	7.5	8.2	251.	40.6	22.0
%RSD	.30350	.23639	.45867	.81767	.45217
#1	2461.1	3473.4	54448.	4923.5	4853.7
#2	2465.4	3488.3	54524.	5004.7	4874.0
#3	2475.7	3474.8	54915.	4964.7	4897.8

Sample Name: S1 Acquired: 10/5/2018 13:53:22 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00005	.00087	.00091	.00206	.00858	.01663	.66562	.04204
Stddev	.00011	.00014	.00011	.00018	.00023	.00047	.00251	.00040
%RSD	206.87	15.913	12.304	8.5110	2.6312	2.8546	.37720	.94735

#1	-.00007	.00100	.00078	.00186	.00857	.01658	.66555	.04236
#2	.00013	.00089	.00099	.00220	.00836	.01713	.66314	.04159
#3	.00010	.00073	.00097	.00212	.00881	.01618	.66816	.04216

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	.00847	.13905	.00152	.02356	.00416	.00100	.00246	.02049
Stddev	.00012	.00139	.00005	.00005	.00027	.00035	.00019	.00042
%RSD	1.4042	1.0029	3.1995	.21975	6.5523	34.877	7.6136	2.0327

#1	.00841	.14014	.00154	.02353	.00400	.00073	.00232	.02050
#2	.00838	.13748	.00146	.02353	.00447	.00139	.00267	.02089
#3	.00860	.13953	.00154	.02362	.00401	.00088	.00238	.02006

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	.01687	.00098	.03472	.00285	.00100	.15141	-.00074	.00488
Stddev	.00008	.00002	.00091	.00056	.00010	.00194	.00007	.00003
%RSD	.45528	1.7902	2.6208	19.661	9.9969	1.2826	9.0681	.56362

#1	.01683	.00100	.03531	.00260	.00093	.15365	-.00068	.00491
#2	.01683	.00096	.03367	.00349	.00097	.15026	-.00073	.00488
#3	.01696	.00098	.03518	.00246	.00112	.15032	-.00081	.00485

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	.00679	.00164	.07168	.00068	.02157	.06287	.59499	
Stddev	.00003	.00004	.00105	.00005	.00015	.00220	.00227	
%RSD	.46486	2.4061	1.4690	6.8300	.69803	3.4936	.38178	

#1	.00680	.00167	.07240	.00068	.02162	.06496	.59596	
#2	.00682	.00165	.07047	.00063	.02140	.06058	.59239	
#3	.00676	.00160	.07216	.00072	.02169	.06308	.59661	

Sample Name: S1 Acquired: 10/5/2018 13:53:22 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	2500.3	3498.7	55280.	5067.3	5157.3
Stddev	15.1	11.0	352.	19.5	7.4
%RSD	.60446	.31321	.63678	.38568	.14423
#1	2517.2	3504.5	55558.	5054.8	5160.9
#2	2488.1	3486.1	54884.	5089.8	5162.4
#3	2495.7	3505.6	55398.	5057.2	5148.8

Sample Name: S2 Acquired: 10/5/2018 13:57:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	.04719	.07428	.81818	.06251	.18094	2.8630	8.3398	1.2317
Stddev	.00004	.00058	.00694	.00005	.00063	.0040	.0156	.0037
%RSD	.07790	.78742	.84771	.07204	.35072	.13883	.18700	.30057

#1	.04717	.07375	.81055	.06256	.18088	2.8670	8.3417	1.2278
#2	.04723	.07418	.81989	.06247	.18160	2.8590	8.3234	1.2352
#3	.04717	.07490	.82410	.06250	.18033	2.8630	8.3544	1.2320

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	1.1492	1.8337	.57838	.33310	.45269	.40426	.63418	.27938
Stddev	.0092	.0079	.00137	.00273	.00257	.00334	.00361	.00109
%RSD	.80467	.43008	.23685	.82023	.56866	.82585	.56994	.38964

#1	1.1396	1.8427	.57950	.33002	.45499	.40796	.63772	.28040
#2	1.1498	1.8305	.57879	.33404	.44991	.40334	.63049	.27951
#3	1.1580	1.8280	.57685	.33523	.45317	.40148	.63434	.27823

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	.31027	.05481	.27616	.03457	.07792	1.0700	.04239	.65734
Stddev	.00216	.00001	.00297	.00033	.00168	.0017	.00043	.00554
%RSD	.69603	.01313	1.0753	.95707	2.1599	.16013	1.0039	.84206

#1	.30804	.05481	.27582	.03483	.07974	1.0689	.04190	.65364
#2	.31041	.05480	.27337	.03420	.07642	1.0691	.04268	.66371
#3	.31235	.05481	.27928	.03468	.07760	1.0720	.04258	.65468

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	.82553	.02350	.92289	.11564	.26914	1.4333	7.9601	
Stddev	.00078	.00023	.00542	.00074	.00153	.0037	.0078	
%RSD	.09486	.97782	.58732	.63689	.56980	.25500	.09837	

#1	.82462	.02326	.91953	.11480	.27037	1.4330	7.9557	
#2	.82599	.02351	.92915	.11591	.26742	1.4299	7.9555	
#3	.82597	.02372	.92000	.11619	.26962	1.4372	7.9691	

Sample Name: S2 Acquired: 10/5/2018 13:57:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	2450.0	3392.6	55028.	4967.7	4654.3
Stddev	18.0	4.2	249.	1.0	34.6
%RSD	.73489	.12292	.45190	.01969	.74403
#1	2444.5	3390.7	54788.	4968.3	4685.8
#2	2470.1	3397.4	55285.	4968.2	4659.9
#3	2435.3	3389.7	55012.	4966.5	4617.2

Sample Name: S3 Acquired: 10/5/2018 14:01:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	.08990	.14370	1.5894	.11758	.34378	5.3952	15.986	2.3382
Stddev	.00022	.00041	.0025	.00033	.00105	.0021	.030	.0100
%RSD	.24230	.28333	.15856	.28462	.30653	.03929	.18510	.42669

#1	.08965	.14346	1.5872	.11738	.34266	5.3944	16.020	2.3272
#2	.09004	.14348	1.5887	.11739	.34394	5.3976	15.970	2.3408
#3	.09000	.14417	1.5921	.11797	.34475	5.3935	15.967	2.3467

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2119	3.3914	1.0850	.64535	.84869	.74520	1.1641	.52596
Stddev	.0040	.0077	.0031	.00143	.00400	.00268	.0031	.00240
%RSD	.18247	.22648	.28718	.22145	.47174	.36002	.26366	.45560

#1	2.2082	3.3827	1.0818	.64396	.85315	.74290	1.1654	.52514
#2	2.2114	3.3969	1.0880	.64529	.84751	.74815	1.1664	.52866
#3	2.2162	3.3948	1.0854	.64681	.84541	.74456	1.1606	.52408

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	.60172	.10802	.51627	.06459	.14834	2.0464	.07830	1.2649
Stddev	.00097	.00005	.00255	.00057	.00106	.0019	.00028	.0091
%RSD	.16150	.04918	.49368	.88729	.71133	.09161	.35703	.71635

#1	.60158	.10808	.51536	.06401	.14839	2.0453	.07804	1.2545
#2	.60083	.10801	.51431	.06462	.14937	2.0455	.07827	1.2699
#3	.60276	.10798	.51915	.06515	.14726	2.0486	.07859	1.2704

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	1.5819	.04321	1.7202	.22645	.50512	2.7667	15.120	
Stddev	.0051	.00012	.0094	.00083	.00132	.0040	.017	
%RSD	.32404	.26869	.54743	.36449	.26069	.14315	.10991	

#1	1.5782	.04320	1.7119	.22549	.50455	2.7622	15.132	
#2	1.5797	.04309	1.7184	.22691	.50663	2.7698	15.127	
#3	1.5877	.04332	1.7304	.22693	.50418	2.7680	15.101	

Sample Name: S3 Acquired: 10/5/2018 14:01:23 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	2404.6	3308.9	54773.	4951.9	4413.2
Stddev	19.4	3.7	145.	24.9	1.6
%RSD	.80594	.11258	.26486	.50211	.03626
#1	2386.6	3310.6	54676.	4943.0	4414.3
#2	2425.1	3311.5	54940.	4980.0	4414.0
#3	2401.9	3304.6	54703.	4932.7	4411.4

Sample Name: S4 Acquired: 10/5/2018 14:05:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	.18581	.29093	3.2976	.23265	.70324	11.052	32.760	4.6165
Stddev	.00074	.00078	.0071	.00025	.00127	.037	.030	.0437
%RSD	.39747	.26783	.21614	.10896	.18102	.33110	.09050	.94690

#1	.18547	.29183	3.3059	.23252	.70181	11.023	32.741	4.5719
#2	.18529	.29048	3.2936	.23249	.70366	11.093	32.794	4.6593
#3	.18665	.29049	3.2935	.23294	.70425	11.040	32.745	4.6184

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.5248	6.8616	2.1628	1.3320	1.7159	1.4850	2.3108	1.0716
Stddev	.0120	.0440	.0024	.0026	.0029	.0069	.0206	.0072
%RSD	.26570	.64073	.11269	.19423	.16876	.46748	.89055	.66842

#1	4.5379	6.8399	2.1625	1.3350	1.7162	1.4825	2.3111	1.0674
#2	4.5142	6.9122	2.1605	1.3305	1.7186	1.4928	2.3312	1.0799
#3	4.5225	6.8327	2.1653	1.3306	1.7129	1.4796	2.2901	1.0676

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	1.2383	.22392	1.0487	.12921	.31009	4.2232	.16679	2.5631
Stddev	.0050	.00036	.0056	.00055	.00185	.0153	.00073	.0195
%RSD	.40669	.15956	.53831	.42807	.59793	.36217	.43525	.76111

#1	1.2429	.22368	1.0422	.12949	.31219	4.2114	.16694	2.5414
#2	1.2329	.22433	1.0521	.12956	.30871	4.2405	.16600	2.5793
#3	1.2391	.22374	1.0519	.12857	.30936	4.2177	.16743	2.5685

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.2333	.09197	3.4126	.46902	1.0196	5.7378	30.816	
Stddev	.0032	.00072	.0246	.00106	.0047	.0134	.060	
%RSD	.09805	.78188	.72089	.22565	.45676	.23303	.19389	

#1	3.2322	.09279	3.3865	.46992	1.0158	5.7224	30.779	
#2	3.2309	.09144	3.4354	.46786	1.0248	5.7450	30.885	
#3	3.2369	.09167	3.4158	.46928	1.0180	5.7460	30.784	

Sample Name: S4 Acquired: 10/5/2018 14:05:13 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	2270.7	3134.0	53379.	4907.8	4089.5
Stddev	2.9	6.8	171.	35.9	19.2
%RSD	.12941	.21679	.31985	.73081	.47022
#1	2272.9	3128.5	53355.	4944.5	4068.4
#2	2267.4	3131.8	53561.	4872.8	4094.1
#3	2271.8	3141.6	53222.	4906.1	4106.1

Sample Name: S5 Acquired: 10/5/2018 14:09:01 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	.37882	.54111	6.3249	.44947	1.4275	22.180	64.579	8.8726
Stddev	.00093	.00238	.0197	.00122	.0008	.063	.050	.0289
%RSD	.24659	.43971	.31187	.27083	.05296	.28225	.07734	.32615

#1	.37778	.54384	6.3476	.45041	1.4266	22.158	64.553	8.8426
#2	.37958	.54007	6.3150	.44989	1.4278	22.251	64.637	8.8747
#3	.37911	.53944	6.3121	.44809	1.4280	22.132	64.548	8.9004

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	8.5605	13.518	4.1534	2.5485	3.3725	2.8713	4.4838	2.1348
Stddev	.0248	.051	.0079	.0069	.0026	.0245	.0280	.0095
%RSD	.28913	.37940	.18918	.27136	.07604	.85351	.62386	.44266

#1	8.5890	13.512	4.1444	2.5564	3.3710	2.8635	4.4606	2.1354
#2	8.5467	13.572	4.1587	2.5460	3.3754	2.8987	4.5149	2.1440
#3	8.5457	13.470	4.1572	2.5433	3.3710	2.8515	4.4761	2.1251

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	2.3476	.45502	2.0790	.25254	.62894	8.5118	.32669	5.0132
Stddev	.0084	.00149	.0053	.00131	.00136	.0189	.00038	.0170
%RSD	.35694	.32855	.25534	.51945	.21598	.22255	.11669	.33987

#1	2.3572	.45642	2.0765	.25226	.62902	8.5021	.32703	4.9992
#2	2.3436	.45345	2.0851	.25398	.63025	8.4997	.32675	5.0082
#3	2.3419	.45521	2.0753	.25140	.62753	8.5337	.32628	5.0322

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	6.4614	.18130	6.5934	.90074	1.9949	11.586	59.818	
Stddev	.0057	.00089	.0285	.00444	.0093	.026	.491	
%RSD	.08857	.49155	.43158	.49252	.46537	.22730	.82063	

#1	6.4679	.18229	6.5812	.90584	1.9924	11.564	59.754	
#2	6.4571	.18056	6.5731	.89776	2.0052	11.615	59.363	
#3	6.4592	.18105	6.6259	.89863	1.9871	11.577	60.338	

Sample Name: S5 Acquired: 10/5/2018 14:09:01 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	2156.8	2934.1	52820.	4894.7	3952.9
Stddev	14.2	1.6	87.	10.2	14.1
%RSD	.65844	.05609	.16418	.20794	.35686
#1	2154.2	2935.6	52906.	4894.4	3936.7
#2	2172.1	2934.2	52822.	4905.0	3961.3
#3	2144.1	2932.3	52733.	4884.7	3960.9

Sample Name: S6 Acquired: 10/5/2018 14:12:57 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment: S06

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	58.144	21.348	7.4310	3.3850	5.5749
Stddev	.030	.062	.0100	.0064	.0080
%RSD	.05084	.29233	.13445	.18839	.14301

#1	58.128	21.363	7.4229	3.3791	5.5837
#2	58.178	21.280	7.4279	3.3841	5.5682
#3	58.126	21.402	7.4422	3.3917	5.5727

Int. Std.	Y_3710
Units	Cts/S
Avg	4776.2
Stddev	28.0
%RSD	.58611

#1	4753.4
#2	4807.4
#3	4767.7

Sample Name: ICV Acquired: 10/5/2018 14:17:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9465232	1.044258	.9520783	1.016293	.9353999	2.336945	.4938768
Stddev	.0053852	.003947	.0043668	.004247	.0011691	.003708	.0014118
%RSD	.5689492	.3779890	.4586631	.4178727	.1249804	.1586647	.2858593

#1	.9403805	1.039915	.9472995	1.020868	.9366936	2.340523	.4955052
#2	.9504319	1.045233	.9530745	1.015536	.9350871	2.337193	.4929954
#3	.9487573	1.047627	.9558610	1.012476	.9344192	2.333119	.4931299

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4893091	.5026382	10.22581	.5233418	.4998875	.5052486	5.445856
Stddev	.0032777	.0007645	.03923	.0009277	.0011362	.0049514	.117418
%RSD	.6698726	.1521044	.3836713	.1772715	.2272825	.9799876	2.156103

#1	.4925280	.5024862	10.18088	.5243411	.4996333	.4996649	5.329539
#2	.4894237	.5019610	10.25329	.5225079	.4988999	.5069760	5.443684
#3	.4859755	.5034673	10.24326	.5231765	.5011292	.5091048	5.564345

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5047003	5.901195	.5146958	.4641666	10.03949	.5255370	.9532427
Stddev	.0015995	.149461	.0005857	.0017833	.23066	.0056837	.0151212
%RSD	.3169222	2.532718	.1137986	.3841948	2.297547	1.081504	1.586295

#1	.5058316	5.768391	.5140889	.4661727	9.88292	.5267021	.9364797
#2	.5028703	6.063047	.5152578	.4627611	9.93118	.5193610	.9658554
#3	.5053990	5.872147	.5147406	.4635662	10.30437	.5305479	.9573930

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.427117	5.152781	5.006465	4.936566	5.517400	4.685477	5.022897
Stddev	.078890	.015545	.025734	.001348	.031152	.024287	.009697
%RSD	.8368381	.3016902	.5140156	.0273133	.5646092	.5183382	.1930567

#1	9.512868	5.140980	5.035005	4.938115	5.497515	4.706424	5.012808
#2	9.410861	5.146968	4.999360	4.935927	5.501385	4.691153	5.023737
#3	9.357621	5.170395	4.985030	4.935656	5.553302	4.658856	5.032147

Sample Name: ICV Acquired: 10/5/2018 14:17:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.176681	.0173606	.0118424
Stddev	.004698	.0026883	.0000615
%RSD	.0907451	15.48524	.5192215

#1	5.173553	.0196923	.0118900
#2	5.174407	.0179694	.0117730
#3	5.182083	.0144201	.0118642

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2522.459	3534.343	56065.61	5076.490	4864.087
Stddev	9.459	5.563	128.54	32.518	6.464
%RSD	.3749947	.1573911	.2292604	.6405529	.1328989

#1	2532.807	3528.199	56213.96	5044.724	4859.688
#2	2520.314	3535.796	55987.31	5075.035	4861.064
#3	2514.257	3539.036	55995.56	5109.711	4871.509

Sample Name: ICB Acquired: 10/5/2018 14:21:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004377	.0020319	-.000236	-.000103	.0012062	-.000495
Stddev	.0022772	.0013401	.000902	.002232	.0002986	.006787
%RSD	520.2451	65.95156	382.6192	2169.942	24.75412	1370.911

#1	.0006449	.0035611	-.001177	-.001512	.0008619	.006893
#2	.0026042	.0010626	.000621	.002471	.0013633	-.006452
#3	-.001936	.0014719	-.000151	-.001267	.0013935	-.001926

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001342	.0001286	-.000006	.0155628	.0001427	.0001697
Stddev	.000929	.0000496	.000076	.0141672	.0002773	.0002201
%RSD	69.23379	38.58997	1252.601	91.03208	194.3490	129.6737

#1	-.001517	.0000803	-.000061	.0318664	.0000478	.0000590
#2	-.000338	.0001794	.000080	.0085737	-.000075	.0000270
#3	-.002172	.0001261	-.000038	.0062483	.000455	.0004232

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003929	.0162312	-.001901	-.018904	-.000069	.0004742
Stddev	.002394	.0164403	.000536	.045863	.000558	.0001475
%RSD	60.91597	101.2886	28.22281	242.6090	810.1563	31.10881

#1	-.003466	.0304781	-.001307	.023783	-.000259	.0006398
#2	-.006521	-.001758	-.002044	-.067391	.000559	.0003567
#3	-.001801	.019973	-.002351	-.013104	-.000507	.0004262

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2979072	-.000715	.0074365	.0328398	-.000764	F .0255001
Stddev	.1484926	.004693	.0049215	.0666264	.001018	.0003521
%RSD	49.84525	656.1282	66.18065	202.8831	133.2192	1.380582

#1	.2616707	-.004009	.0109285	.1094278	-.000850	.0257574
#2	.1708868	.004658	.0018077	.0008537	.000294	.0256441
#3	.4611641	-.002794	.0095734	-.011762	-.001736	.0250989

Sample Name: ICB Acquired: 10/5/2018 14:21:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000793	-.005899	.0027095	.0021967	.0015198	.0047455
Stddev	.0001056	.004650	.0005050	.0009040	.0013988	.0016211
%RSD	133.2243	78.84059	18.63837	41.15483	92.03606	34.15967

#1	.0001424	-.005578	.0032557	.0012882	.0030379	.0033084
#2	.0001381	-.010701	.0022595	.0030962	.0012384	.0065027
#3	-.000043	-.001417	.0026135	.0022056	.0002831	.0044254

Elem	Sr4077
Units	ppm
Avg	.0000125
Stddev	.0000888
%RSD	712.3784

#1	.0000461
#2	-.000088
#3	.000079

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2515.912	3540.123	55974.98	5141.520	4902.821
Stddev	15.253	8.094	85.13	32.676	15.879
%RSD	.6062508	.2286472	.1520851	.6355243	.3238674

#1	2528.236	3548.758	56026.41	5136.330	4900.635
#2	2498.853	3532.708	55876.72	5111.750	4888.148
#3	2520.646	3538.901	56021.82	5176.480	4919.679

Sample Name: ICSA Acquired: 10/5/2018 14:25:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001688	.0050374	-.001722	-.015851	.0055642	242.5390	.0040409
Stddev	.002254	.0039623	.000741	.000840	.0001888	.6160	.0004552
%RSD	133.5119	78.65820	43.04786	5.301169	3.393609	.2539919	11.26383

#1	-.003530	.0095752	-.000919	-.015724	.0053818	242.5008	.0042039
#2	.000825	.0032742	-.001866	-.016748	.0057589	243.1732	.0035267
#3	-.002359	.0022627	-.002381	-.015082	.0055520	241.9429	.0043921

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008823	-.001173	255.5174	.0509152	.0017192	-.010256	105.7208
Stddev	.0000114	.000090	1.5957	.0005977	.0005326	.003827	.6034
%RSD	1.286571	7.689468	.6244994	1.173994	30.97598	37.31229	.5707570

#1	.0008701	-.001207	255.9563	.0503721	.0023341	-.009489	106.2770
#2	.0008926	-.001071	256.8478	.0515557	.0014045	-.006871	105.8061
#3	.0008841	-.001241	253.7482	.0508178	.0014191	-.014408	105.0793

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125974	259.8430	-.000581	.0011401	.4162391	.0043347	-.015777
Stddev	.0015852	1.5829	.000063	.0002851	.2522459	.0055278	.010568
%RSD	12.58341	.6091747	10.89042	25.00250	60.60120	127.5239	66.98647

#1	.0122482	261.0532	-.000616	.0011011	.5901595	.0081291	-.019418
#2	.0112159	260.4242	-.000508	.0014427	.1269382	-.002008	-.024044
#3	.0143281	258.0517	-.000620	.0008766	.5316196	.006883	-.003869

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.025273	.0010449	-.002131	.0010304	.0009521	-.001206	-.004519
Stddev	.033779	.0015807	.001398	.0002702	.0013356	.000132	.001119
%RSD	133.6564	151.2753	65.59092	26.22383	140.2784	10.91548	24.77300

#1	-.039435	.0028182	-.001810	.0009712	-.000457	-.001253	-.003298
#2	.013282	-.000216	-.000921	.0007947	.001114	-.001309	-.004761
#3	-.049666	.000533	-.003661	.0013253	.002199	-.001058	-.005497

Sample Name: ICSA Acquired: 10/5/2018 14:25:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.004007	.0134621	.1028764
Stddev	.000105	.0021087	.0001743
%RSD	2.618718	15.66412	.1694007

#1	-.003961	.0136425	.1029478
#2	-.003934	.0154748	.1030036
#3	-.004128	.0112690	.1026777

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.467	3322.395	54809.76	5045.707	4448.655
Stddev	18.904	1.719	357.04	25.423	3.761
%RSD	.7803671	.0517275	.6514192	.5038552	.0845536

#1	2406.543	3322.453	54519.16	5072.135	4451.681
#2	2443.359	3320.648	55208.33	5021.424	4449.839
#3	2417.499	3324.084	54701.80	5043.563	4444.444

Sample Name: ICSAB Acquired: 10/5/2018 14:29:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0881020	.1085741	.0423511	.0350134	.5949833	238.0583	.5078702
Stddev	.0031095	.0016338	.0027209	.0026357	.0030838	.2540	.0009954
%RSD	3.529389	1.504785	6.424683	7.527675	.5182923	.1066816	.1960027

#1	.0846756	.1104189	.0414733	.0377796	.5923509	238.2560	.5067571
#2	.0888861	.1073096	.0401774	.0347295	.5942229	237.7719	.5081785
#3	.0907444	.1079939	.0454026	.0325312	.5983761	238.1471	.5086750

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5010480	1.017632	251.8223	.5749592	.5115445	.5008302	104.4299
Stddev	.0026924	.001662	.3173	.0000717	.0005541	.0030303	.4004
%RSD	.5373498	.1633588	.1260140	.0124723	.1083130	.6050524	.3833832

#1	.5036104	1.016711	252.1735	.5749806	.5120777	.4973425	104.0422
#2	.4982422	1.016633	251.5563	.5750178	.5109717	.5023298	104.8418
#3	.5012915	1.019551	251.7371	.5748793	.5115841	.5028182	104.4057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5128960	257.4378	1.023969	.2079864	.1109763	.5143671	.9882909
Stddev	.0016772	.0747	.003911	.0005951	.3349782	.0072516	.0069886
%RSD	.3269963	.0290076	.3819599	.2861058	301.8466	1.409807	.7071445

#1	.5114909	257.4026	1.021692	.2078212	-.174458	.5115631	.9962472
#2	.5147527	257.3872	1.021730	.2086466	.479760	.5089362	.9831447
#3	.5124443	257.5235	1.028485	.2074914	.027627	.5226020	.9854808

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.172611	.0104502	-.006388	.0014185	.0101258	-.001117	-.004131
Stddev	.039574	.0034431	.000685	.0000950	.0020054	.000905	.000513
%RSD	22.92641	32.94740	10.73140	6.699519	19.80528	81.05267	12.40775

#1	-.218289	.0071452	-.007070	.0015272	.0095539	-.001967	-.004094
#2	-.148654	.0140164	-.005699	.0013776	.0123550	-.001218	-.004661
#3	-.150891	.0101889	-.006393	.0013508	.0084684	-.000165	-.003637

Sample Name: ICSAB Acquired: 10/5/2018 14:29:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.006848	.0095833	.1007470
Stddev	.001231	.0020029	.0002965
%RSD	17.97479	20.89939	.2943239

#1	-.008211	.0080951	.1004480
#2	-.006517	.0087944	.1007522
#3	-.005817	.0118605	.1010410

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2424.104	3317.475	54850.42	5025.989	4309.467
Stddev	15.866	5.203	246.30	30.339	5.103
%RSD	.6545247	.1568460	.4490408	.6036406	.1184165

#1	2405.825	3311.574	54611.59	4991.306	4309.632
#2	2434.321	3321.403	54836.10	5047.601	4314.485
#3	2432.166	3319.447	55103.56	5039.062	4304.283

Sample Name: CCV048 Acquired: 10/5/2018 14:33:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.842697	4.977861	25.38650	4.736776	4.883909	407.2417	9.954470
Stddev	.015832	.012319	.05044	.010304	.011309	.3778	.012781
%RSD	.3269200	.2474746	.1987078	.2175260	.2315651	.0927582	.1283982

#1	4.848653	4.987533	25.44450	4.726037	4.882821	407.0748	9.957689
#2	4.824751	4.963992	25.35281	4.746581	4.873183	407.6742	9.965334
#3	4.854687	4.982058	25.36220	4.737711	4.895723	406.9762	9.940386

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4943948	2.549603	407.2454	15.27543	2.588347	14.89195	412.5490
Stddev	.0017480	.004386	.3965	.05483	.004357	.00965	1.2961
%RSD	.3535584	.1720237	.0973531	.3589284	.1683426	.0648203	.3141759

#1	.4963660	2.554435	407.1600	15.22072	2.592753	14.88368	412.8239
#2	.4930336	2.545872	407.6776	15.33038	2.584040	14.90256	411.1375
#3	.4937847	2.548504	406.8986	15.27519	2.588249	14.88962	413.6857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.65876	408.4027	2.590805	1.259788	407.3224	2.463055	14.70959
Stddev	.05268	1.2266	.005328	.003115	1.4074	.007173	.05498
%RSD	.3594057	.3003450	.2056383	.2472554	.3455349	.2912117	.3737494

#1	14.70906	407.8986	2.596163	1.263062	406.7650	2.466419	14.64726
#2	14.60398	407.5085	2.585508	1.259442	408.9232	2.454819	14.73030
#3	14.66325	409.8010	2.590743	1.256861	406.2790	2.467928	14.75120

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.0175	5.110549	4.915114	4.904983	5.179110	4.965817	5.135805
Stddev	.1898	.013061	.019611	.017306	.018464	.028319	.004013
%RSD	.1248375	.2555781	.3989872	.3528192	.3565059	.5702818	.0781369

#1	151.9505	5.117183	4.933253	4.892934	5.180714	4.988490	5.140104
#2	152.2317	5.095502	4.894305	4.897202	5.159897	4.934074	5.132159
#3	151.8703	5.118962	4.917783	4.924814	5.196720	4.974886	5.135151

Sample Name: CCV048 Acquired: 10/5/2018 14:33:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV048 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.936041	5.073920	4.998163
Stddev	.006808	.014176	.000928
%RSD	.1379145	.2793962	.0185727

#1	4.930409	5.061714	4.997393
#2	4.943606	5.089469	4.997901
#3	4.934108	5.070577	4.999193

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2261.395	3061.982	53188.60	4937.710	3869.902
Stddev	13.885	.954	554.09	16.169	9.573
%RSD	.6140064	.0311714	1.041749	.3274590	.2473586

#1	2270.367	3062.614	53576.64	4921.941	3859.257
#2	2245.402	3062.448	52554.03	4936.938	3872.646
#3	2268.418	3060.884	53435.13	4954.251	3877.803

Sample Name: CCB048 Acquired: 10/5/2018 14:37:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB048 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002559	.0023697	.0011036	.0021373	-.000424	.0008555
Stddev	.001748	.0008406	.0011924	.0020139	.000756	.0095380
%RSD	68.31715	35.47542	108.0389	94.22282	178.3931	1114.911

#1	-.000971	.0022555	.0011820	.0001607	.000137	.0047843
#2	-.002273	.0032616	.0022549	.0041864	-.000125	-.010019
#3	-.004432	.0015920	-.000126	.0020649	-.001284	.007802

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000297	.0000316	-.000041	.0079734	.0002785	-.000076
Stddev	.000054	.0000990	.000073	.0174074	.0001302	.000351
%RSD	18.37585	313.0388	177.5265	218.3178	46.76677	458.7908

#1	-.000234	.0001356	-.000091	.0265460	.0003993	.000320
#2	-.000325	.0000209	-.000076	.0053439	.0002957	-.000203
#3	-.000331	-.000062	.000043	-.007970	.0001405	-.000346

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002661	-.001518	-.001829	-.012388	.0001206	.0000490
Stddev	.004395	.031333	.001084	.075932	.0001772	.0004145
%RSD	165.1848	2063.585	59.28536	612.9405	147.0097	845.6296

#1	-.003414	.032200	-.001403	.066761	-.000082	.0004627
#2	-.006630	-.029738	-.001022	-.019294	.000198	.0000508
#3	.002062	-.007016	-.003061	-.084631	.000246	-.000366

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2768683	.0048522	.0080270	.1940907	.0012166	F .0190636
Stddev	.1127653	.0029878	.0163286	.0322876	.0010560	.0008779
%RSD	40.72884	61.57602	203.4193	16.63529	86.80129	4.605154

#1	.2378301	.0081606	-.006181	.2292850	.0024262	.0199956
#2	.4039654	.0040454	.004397	.1871478	.0007450	.0189429
#3	.1888095	.0023507	.025865	.1658395	.0004786	.0182523

Sample Name: CCB048 Acquired: 10/5/2018 14:37:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB048 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003047	-.002337	-.000187	.0017621	-.002345	.0063980
Stddev	.0004491	.004218	.001483	.0001682	.003126	.0006378
%RSD	147.4046	180.4900	791.7922	9.545941	133.2810	9.968743

#1	.0008140	-.000636	-.001876	.0019529	.000173	.0056766
#2	-.000034	.000765	.000903	.0016352	-.001365	.0068870
#3	.000134	-.007139	.000411	.0016981	-.005844	.0066304

Elem	Sr4077
Units	ppm
Avg	.0000742
Stddev	.0000883
%RSD	118.9755

#1	-.000028
#2	.000126
#3	.000125

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2516.059	3525.945	55797.95	5148.857	5052.860
Stddev	10.924	10.434	237.53	12.337	29.725
%RSD	.4341890	.2959125	.4257038	.2395992	.5882720

#1	2523.342	3527.718	55976.98	5153.050	5021.758
#2	2503.498	3514.738	55528.48	5158.550	5055.840
#3	2521.337	3535.378	55888.39	5134.970	5080.982

Sample Name: PB113522BL Acquired: 10/5/2018 14:41:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	.0014218	.0013978	-.000990	-.000554	-.001200	.0003941	-.000800
Stddev	.0038514	.0006478	.000966	.001254	.000598	.0211625	.000336
%RSD	270.8897	46.34252	97.52091	226.3198	49.85288	5370.578	42.00744

#1	.0036018	.0015659	-.001953	-.001083	-.000659	-.017241	-.001105
#2	-.003025	.0019451	-.000021	-.001456	-.001098	.023861	-.000440
#3	.003689	.0006826	-.000997	.000878	-.001842	-.005438	-.000854

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000393	.0000380	-.016975	-.000318	.0001008	-.004018	.0102775
Stddev	.0000510	.0000642	.009739	.000316	.0001759	.004152	.0107372
%RSD	129.6957	168.9700	57.37018	99.26292	174.4462	103.3320	104.4731

#1	-.000009	-.000026	-.017453	.000007	.0001645	-.008813	.0007539
#2	.000093	.000102	-.007006	-.000623	-.000098	-.001585	.0081644
#3	.000034	.000038	-.026466	-.000338	.000236	-.001657	.0219142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000392	.0663075	-.000168	.0002360	.2368233	.0008457	-.003043
Stddev	.000964	.0681172	.000370	.0004349	.2039077	.0038285	.012743
%RSD	246.0742	102.7293	219.6994	184.2595	86.10119	452.7016	418.7245

#1	-.000764	.1374008	.000040	.0006466	.3811142	-.002723	.008399
#2	-.001114	.0016187	-.000595	-.000220	.0035461	.004889	-.000752
#3	.000703	.0599030	.000050	.000281	.3258095	.000371	-.016776

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016290	.0004581	.0098877	.0003040	-.003391	-.000515	.0000207
Stddev	.0371805	.0027904	.0002984	.0002336	.003550	.001068	.0005625
%RSD	2282.373	609.1768	3.017840	76.83443	104.6758	207.3670	2713.479

#1	-.041279	.0008071	.0099916	.0000413	-.001312	.000258	-.000502
#2	.021825	.0030575	.0095513	.0003825	-.007490	-.001734	-.000052
#3	.024341	-.002490	.0101203	.0004881	-.001372	-.000069	.000616

Sample Name: PB113522BL Acquired: 10/5/2018 14:41:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	-.002639	.0007745	-.000003
Stddev	.001655	.0016606	.000092
%RSD	62.71889	214.4004	3330.669

#1	-.000907	.0004742	-.000107
#2	-.004205	.0025648	.000068
#3	-.002805	-.000715	.000031

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2519.592	3529.909	55688.65	5111.500	4900.690
Stddev	1.203	5.036	171.51	26.220	17.444
%RSD	.0477540	.1426579	.3079841	.5129617	.3559598

#1	2520.275	3535.343	55581.73	5121.210	4917.792
#2	2518.202	3528.983	55886.48	5081.810	4901.356
#3	2520.297	3525.400	55597.75	5131.480	4882.922

Sample Name: PB113522BS Acquired: 10/5/2018 14:45:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	.0208911	.0485383	.0195458	.0698361	.1143861	.3636764
Stddev	.0013610	.0016289	.0016992	.0028319	.0019450	.0083700
%RSD	6.514560	3.355903	8.693442	4.055119	1.700392	2.301507

#1	.0214545	.0472502	.0215045	.0672798	.1151937	.3707241
#2	.0193389	.0479954	.0186665	.0728803	.1121674	.3658800
#3	.0218799	.0503693	.0184664	.0693483	.1157972	.3544250

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3809804	.0097458	.0097428	9.891784	.0214570	.0933447
Stddev	.0006800	.0001390	.0000491	.045646	.0001954	.0003170
%RSD	.1784766	1.425875	.5036867	.4614559	.9104871	.3395661

#1	.3815704	.0099050	.0097010	9.844335	.0212315	.0933058
#2	.3811339	.0096489	.0097305	9.935384	.0215625	.0936793
#3	.3802368	.0096836	.0097968	9.895632	.0215769	.0930490

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0448129	.2268478	.0284277	9.547082	.0786245	.0185879
Stddev	.0012388	.0064390	.0005616	.082128	.0005292	.0001583
%RSD	2.764360	2.838473	1.975683	.8602414	.6730244	.8518150

#1	.0434514	.2194805	.0283276	9.567810	.0782082	.0187386
#2	.0458735	.2313992	.0290327	9.616861	.0784452	.0186022
#3	.0451139	.2296637	.0279228	9.456576	.0792200	.0184229

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.529779	.0973182	.1159044	8.933154	.0171139	F .0252177
Stddev	.113342	.0048186	.0118490	.079037	.0019718	.0005805
%RSD	1.189347	4.951412	10.22312	.8847602	11.52165	2.301776

#1	9.546686	.0995849	.1065324	8.992457	.0152787	.0246448
#2	9.633719	.1005856	.1292232	8.843425	.0168643	.0258054
#3	9.408934	.0917842	.1119577	8.963578	.0191985	.0252028

Sample Name: PB113522BS Acquired: 10/5/2018 14:45:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	.0193598	.1700507	.1841656	F .0135486	.1915286	.0880568
Stddev	.0001338	.0056171	.0005859	.0009873	.0009171	.0004275
%RSD	.6913086	3.303207	.3181232	7.287314	.4788232	.4855291

#1	.0193652	.1695380	.1838853	.0137647	.1915835	.0875633
#2	.0192234	.1647074	.1837726	.0144100	.1924170	.0882909
#3	.0194909	.1759065	.1848390	.0124711	.1905853	.0883162

Elem	Sr4077
Units	ppm
Avg	.1908272
Stddev	.0003447
%RSD	.1806117

#1	.1912171
#2	.1907016
#3	.1905630

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2534.331	3538.194	56279.27	5135.790	4907.844
Stddev	7.891	4.601	383.92	10.237	6.447
%RSD	.3113661	.1300284	.6821635	.1993323	.1313579

#1	2543.364	3535.740	56681.22	5147.590	4901.407
#2	2530.845	3535.342	56240.20	5130.500	4914.301
#3	2528.783	3543.502	55916.37	5129.280	4907.823

Sample Name: PB113530BL Acquired: 10/5/2018 14:49:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005368	.0002300	.0000569	.0017678	-.000577	.0032784	-.000469
Stddev	.0011551	.0002045	.0009676	.0009481	.001305	.0109330	.000399
%RSD	215.1885	88.91797	1701.387	53.63196	226.0463	333.4881	84.93224

#1	.0006954	.0003199	-.001042	.0006839	.000592	.0013998	-.000929
#2	-.000689	-.000004	.000432	.0021763	-.001985	-.006594	-.000218
#3	.001604	.000374	.000781	.0024432	-.000338	.015029	-.000261

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000831	.0000701	-.007179	-.000253	.0001863	-.005598	-.013084
Stddev	.0000471	.0000475	.017500	.000166	.0001242	.003810	.017673
%RSD	56.67867	67.79320	243.7854	65.64733	66.66020	68.04954	135.0766

#1	.0000621	.0001123	-.024446	-.000410	.0002511	-.001236	.004763
#2	.0000501	.0000793	.010546	-.000079	.0000431	-.007285	-.030578
#3	.0001370	.0000186	-.007636	-.000271	.0002646	-.008273	-.013436

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001447	.0481396	.0001243	.0004079	.0630575	.0017776	.0026352
Stddev	.000728	.0033877	.0001055	.0004052	.1461117	.0036073	.0083982
%RSD	50.32543	7.037167	84.84267	99.33197	231.7121	202.9322	318.6949

#1	-.001849	.0448117	.0001940	.0001028	.0365854	-.002134	-.003430
#2	-.001885	.0515840	.0000030	.0002533	-.068008	.004973	.012221
#3	-.000606	.0480232	.0001760	.0008676	.220595	.002494	-.000885

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0266449	-.001838	.0048969	.0002161	-.003153	-.000572	-.000402
Stddev	.0164443	.001989	.0004294	.0000830	.002818	.001452	.000884
%RSD	61.71649	108.2125	8.768435	38.42693	89.38448	253.6685	220.1870

#1	.0217080	-.004113	.0045817	.0001747	-.000404	-.002221	-.001323
#2	.0449921	-.000431	.0053859	.0003116	-.006035	.000519	-.000322
#3	.0132346	-.000969	.0047230	.0001618	-.003020	-.000016	.000440

Sample Name: PB113530BL Acquired: 10/5/2018 14:49:41 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002568	-.002381	.0000679
Stddev	.000938	.001046	.0000701
%RSD	36.53887	43.93925	103.3175

#1	-.001865	-.003281	.0000962
#2	-.002205	-.002628	-.000012
#3	-.003633	-.001233	.000120

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2553.547	3542.283	56491.40	5124.413	4834.711
Stddev	22.127	6.714	165.14	20.623	6.015
%RSD	.8665167	.1895461	.2923365	.4024548	.1244085

#1	2528.310	3536.316	56311.61	5134.820	4829.236
#2	2562.712	3540.981	56526.23	5100.660	4833.746
#3	2569.619	3549.553	56636.35	5137.760	4841.149

Sample Name: PB113530BS Acquired: 10/5/2018 14:53:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208249	.0494356	.0178535	.0706011	.1165387	.3674063
Stddev	.0026124	.0012657	.0003133	.0025934	.0008333	.0118326
%RSD	12.54442	2.560210	1.754830	3.673283	.7150812	3.220580

#1	.0227454	.0502687	.0179109	.0691546	.1159593	.3669154
#2	.0218791	.0479791	.0181341	.0735951	.1174937	.3794768
#3	.0178501	.0500589	.0175154	.0690536	.1161630	.3558268

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3812046	.0096556	.0095611	10.05399	.0217615	.0916421
Stddev	.0009999	.0000785	.0000710	.03809	.0002314	.0005123
%RSD	.2623042	.8132212	.7420438	.3788578	1.063555	.5590597

#1	.3819837	.0095656	.0096083	10.02347	.0217455	.0922337
#2	.3815530	.0096913	.0095954	10.04183	.0215384	.0913452
#3	.3800771	.0097100	.0094795	10.09668	.0220005	.0913474

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0469524	.2318547	.0303205	9.515467	.0771784	.0186270
Stddev	.0016897	.0223589	.0004534	.124682	.0006855	.0005168
%RSD	3.598746	9.643490	1.495339	1.310305	.8882055	2.774617

#1	.0457397	.2568942	.0298224	9.454711	.0764422	.0183474
#2	.0462352	.2138865	.0307091	9.432810	.0772944	.0183103
#3	.0488824	.2247833	.0304301	9.658881	.0777984	.0192234

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.777103	.1035972	.1104971	8.965680	.0172065	F .0233204
Stddev	.143826	.0042679	.0077657	.077768	.0005262	.0007868
%RSD	1.471048	4.119700	7.027945	.8673975	3.058216	3.373677

#1	9.654807	.1032409	.1184215	8.957585	.0168761	.0233102
#2	9.935558	.0995186	.1101691	9.047179	.0169300	.0225388
#3	9.740946	.1080320	.1029006	8.892276	.0178133	.0241122

Sample Name: PB113530BS Acquired: 10/5/2018 14:53:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191070	.1649184	.1858699	F .0120003	.1918898	.0870127
Stddev	.0002777	.0077567	.0041169	.0002721	.0031257	.0011165
%RSD	1.453576	4.703352	2.214929	2.267255	1.628882	1.283197

#1	.0192642	.1723901	.1814920	.0122078	.1892930	.0862574
#2	.0187863	.1569051	.1864544	.0121008	.1953590	.0882953
#3	.0192705	.1654600	.1896633	.0116923	.1910174	.0864855

Elem	Sr4077
Units	ppm
Avg	.1928630
Stddev	.0008980
%RSD	.4656373

#1	.1935391
#2	.1932058
#3	.1918440

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2548.498	3552.871	56446.52	5185.503	5039.998
Stddev	28.901	10.983	516.20	52.108	17.255
%RSD	1.134050	.3091257	.9144962	1.004883	.3423566

#1	2522.693	3548.398	55922.13	5205.340	5026.309
#2	2579.727	3544.831	56954.13	5224.780	5034.305
#3	2543.074	3565.385	56463.30	5126.390	5059.380

Sample Name: J5092-01 Acquired: 10/5/2018 14:58:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459591	.0333521	.0181671	.0915165	.1425405	.0034816	.6272857
Stddev	.0021652	.0011871	.0004320	.0029269	.0024359	.0086217	.0024898
%RSD	4.711159	3.559175	2.378158	3.198235	1.708912	247.6362	.3969202

#1	.0477455	.0320479	.0182875	.0948960	.1405453	-.002219	.6298442
#2	.0435511	.0336389	.0185261	.0898628	.1418213	.013400	.6271422
#3	.0465807	.0343694	.0176876	.0897907	.1452551	-.000737	.6248707

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0236104	.0260885	.0065259	-.000292	.1846749	-.004200	.3755287
Stddev	.0002557	.0001320	.0128434	.000247	.0004595	.003696	.0128425
%RSD	1.082780	.5060749	196.8060	84.68814	.2488004	88.00873	3.419846

#1	.0237424	.0259475	.0094882	-.000576	.1842503	-.002617	.3883096
#2	.0233158	.0261089	-.007540	-.000180	.1846117	-.001559	.3756511
#3	.0237731	.0262091	.017629	-.000121	.1851627	-.008424	.3626254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0884942	13.00452	.0000837	.0339208	.0847162	-.003031	.1295880
Stddev	.0013164	.17134	.0002789	.0001524	.1606307	.002035	.0125477
%RSD	1.487588	1.317533	333.4604	.4493415	189.6103	67.13782	9.682742

#1	.0888871	13.10897	.0003614	.0337511	.2390743	-.001731	.1403173
#2	.0870260	12.80678	.0000860	.0340461	.0966012	-.005377	.1157909
#3	.0895694	13.09781	-.000196	.0339652	-.081527	-.001987	.1326557

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.92823	-.000806	.0026748	-.000068	-.000690	.0014210	-.000363
Stddev	.03673	.002515	.0008866	.000257	.001853	.0006379	.000093
%RSD	.2170041	312.1367	33.14801	378.9760	268.5487	44.89250	25.48860

#1	16.91783	-.001206	.0019675	.000205	.001060	.0017566	-.000265
#2	16.96905	-.003096	.0023874	-.000306	-.000498	.0006853	-.000375
#3	16.89783	.001885	.0036695	-.000103	-.002632	.0018210	-.000449

Sample Name: J5092-01 Acquired: 10/5/2018 14:58:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2E40 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001381	-.003486	.0003130
Stddev	.001038	.001276	.0000528
%RSD	75.18453	36.59207	16.88225

#1	-.000463	-.003749	.0003065
#2	-.001172	-.002100	.0002637
#3	-.002508	-.004611	.0003688

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2537.115	3540.771	56376.04	5147.831	4930.398
Stddev	11.072	6.413	125.60	28.709	20.619
%RSD	.4364066	.1811134	.2227901	.5576910	.4182083

#1	2549.081	3535.991	56497.95	5134.061	4946.093
#2	2535.029	3548.058	56247.05	5180.831	4938.054
#3	2527.234	3538.263	56383.12	5128.600	4907.045

Sample Name: J5092-02 Acquired: 10/5/2018 15:02:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E40D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0419265	.0326513	.0173602	.0898074	.1411286	.0005654	.6300044
Stddev	.0020362	.0013962	.0010785	.0030753	.0019798	.0061848	.0018043
%RSD	4.856651	4.276042	6.212557	3.424305	1.402811	1093.857	.2863909

#1	.0438948	.0336282	.0161676	.0891414	.1429208	-.004725	.6287408
#2	.0398286	.0332735	.0176460	.0931612	.1414614	-.000945	.6320708
#3	.0420560	.0310522	.0182671	.0871198	.1390035	.007365	.6292017

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237806	.0263236	.0067858	-.000197	.1868621	-.003862	.4067073
Stddev	.0000768	.0000717	.0104776	.000335	.0005198	.003175	.0260026
%RSD	.3229192	.2723982	154.4048	170.5047	.2781526	82.19837	6.393451

#1	.0238375	.0262487	.0165372	.000178	.1862902	-.005484	.4164412
#2	.0238110	.0263305	-.004292	-.000300	.1869904	-.005898	.4264386
#3	.0236932	.0263917	.008112	-.000468	.1873057	-.000204	.3772420

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0866238	13.03687	.0004024	.0334809	.0939543	.0001947	.1234454
Stddev	.0006890	.02455	.0002066	.0001364	.2715302	.0046045	.0100943
%RSD	.7954035	.1883153	51.35662	.4072738	289.0024	2364.303	8.177122

#1	.0873386	13.02221	.0004806	.0335914	-.149453	.0048258	.1117914
#2	.0865690	13.06522	.0001680	.0333285	.044505	.0001414	.1294544
#3	.0859638	13.02320	.0005585	.0335228	.386811	-.004383	.1290903

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.03574	.0000800	.0024535	.0000914	.0024833	.0007776	-.001077
Stddev	.03919	.0005764	.0009631	.0001307	.0008933	.0002725	.000811
%RSD	.2300540	719.9960	39.25182	143.0484	35.97296	35.04939	75.27571

#1	17.05136	-.000578	.0035317	.0000449	.0026404	.0009547	-.000740
#2	16.99115	.000495	.0021503	.0002390	.0015219	.0004638	-.000489
#3	17.06471	.000323	.0016786	-.000010	.0032876	.0009144	-.002001

Sample Name: J5092-02 Acquired: 10/5/2018 15:02:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2E40D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012095	-.004452	.0002449
Stddev	.0015115	.000271	.0000983
%RSD	124.9674	6.092173	40.12864

#1	.0002462	-.004210	.0002456
#2	.0004307	-.004745	.0003429
#3	.0029516	-.004400	.0001463

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2549.819	3551.797	56647.40	5132.805	4904.561
Stddev	17.457	4.002	397.03	14.932	6.348
%RSD	.6846386	.1126788	.7008842	.2909109	.1294263

#1	2569.788	3547.243	57104.22	5147.432	4902.516
#2	2542.215	3553.397	56452.52	5133.397	4911.680
#3	2537.452	3554.752	56385.47	5117.585	4899.489

Sample Name: J5092-03 Acquired: 10/5/2018 15:06:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E40S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0840967	.0838484	.0362698	.1420212	.2423569	1.933302	2.713662
Stddev	.0011146	.0003017	.0005430	.0009890	.0016167	.008873	.004455
%RSD	1.325380	.3598450	1.497143	.6963561	.6670594	.4589743	.1641522

#1	.0850798	.0841544	.0356427	.1431281	.2409834	1.927359	2.709141
#2	.0828858	.0838397	.0365830	.1412246	.2419487	1.943501	2.718047
#3	.0843244	.0835511	.0365835	.1417109	.2441385	1.929044	2.713798

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0748045	.0787798	-.001962	.2236065	.7082216	.2598138	1.524777
Stddev	.0001173	.0001775	.013669	.0006158	.0023434	.0060393	.021000
%RSD	.1568135	.2252625	696.7716	.2753967	.3308785	2.324473	1.377258

#1	.0746701	.0787323	.011546	.2237767	.7082919	.2610601	1.501982
#2	.0748864	.0789762	-.001645	.2229235	.7105290	.2532486	1.529014
#3	.0748570	.0786310	-.015786	.2241193	.7058439	.2651327	1.543336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6215181	12.94129	.5372715	.0799186	.1146886	.5428416	.6221951
Stddev	.0058593	.08020	.0013421	.0006742	.0570543	.0094798	.0093277
%RSD	.9427332	.6197043	.2497891	.8435575	49.74717	1.746334	1.499155

#1	.6164809	12.85700	.5368302	.0797263	.1030782	.5470036	.6328217
#2	.6201250	12.95020	.5387786	.0793614	.0643325	.5319927	.6184019
#3	.6279483	13.01666	.5362056	.0806680	.1766551	.5495284	.6153616

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.83914	.0040768	.0028550	.0003241	.0003499	.0010918	-.000154
Stddev	.03506	.0025152	.0004430	.0001017	.0045684	.0003588	.000836
%RSD	.2081925	61.69539	15.51532	31.39037	1305.661	32.86650	541.6984

#1	16.79951	.0048829	.0027660	.0002498	.0004294	.0006959	.000450
#2	16.85179	.0012574	.0024634	.0002825	-.004258	.0013956	-.001108
#3	16.86611	.0060902	.0033358	.0004401	.004878	.0011839	.000195

Sample Name: J5092-03 Acquired: 10/5/2018 15:06:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2E40S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000337	-.003137	.0002340
Stddev	.000828	.000924	.0000406
%RSD	245.6062	29.47002	17.36133

#1	-.000461	-.003515	.0002590
#2	-.001096	-.002083	.0002559
#3	.000546	-.003812	.0001871

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2560.719	3563.662	56747.07	5206.930	4917.155
Stddev	11.084	6.230	235.85	5.662	14.740
%RSD	.4328327	.1748180	.4156116	.1087326	.2997569

#1	2560.254	3556.681	57004.94	5213.395	4902.159
#2	2549.875	3568.655	56542.30	5202.860	4917.681
#3	2572.028	3565.651	56693.98	5204.534	4931.624

Sample Name: J5092-01LX5 Acquired: 10/5/2018 15:10:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E40L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107656	.0071978	.0043958	.0185819	.0281921	-.001380	.1277173
Stddev	.0010474	.0020320	.0014903	.0037317	.0005184	.014662	.0008363
%RSD	9.729033	28.23074	33.90352	20.08246	1.838806	1062.638	.6548290

#1	.0106998	.0092544	.0044058	.0155271	.0287577	.001102	.1273810
#2	.0118443	.0051914	.0058812	.0174775	.0280788	-.017124	.1271015
#3	.0097526	.0071477	.0029006	.0227412	.0277396	.011883	.1286694

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048368	.0052867	-.017154	.0001455	.0366075	-.003458	.0826380
Stddev	.0000631	.0000784	.021306	.0004353	.0005708	.007286	.0220058
%RSD	1.305489	1.482762	124.2074	299.2741	1.559233	210.7242	26.62916

#1	.0047644	.0052079	.002159	.0006347	.0366142	-.008986	.0724931
#2	.0048660	.0052876	-.013611	-.000199	.0360333	-.006186	.0675345
#3	.0048801	.0053646	-.040010	.000000	.0371749	.004799	.1078863

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167665	2.683828	.0001236	.0071559	-.111995	.0055279	.0150055
Stddev	.0018407	.050827	.0003749	.0002107	.087752	.0036497	.0095128
%RSD	10.97865	1.893840	303.3908	2.944605	78.35303	66.02427	63.39560

#1	.0184109	2.679885	.0001735	.0069146	-.124239	.0077133	.0093230
#2	.0171105	2.635088	.0004709	.0073034	-.018765	.0013145	.0097057
#3	.0147780	2.736513	-.000274	.0072497	-.192982	.0075557	.0259877

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.439674	.0005241	.0017487	.0000623	-.004568	.0016335	-.000715
Stddev	.070433	.0015616	.0006202	.0002216	.001951	.0003460	.001127
%RSD	2.047679	297.9584	35.46848	355.5512	42.71487	21.18397	157.7017

#1	3.451925	.0022816	.0016391	.0002255	-.005966	.0013085	-.001720
#2	3.363919	-.000005	.0024163	.0001513	-.002339	.0015946	.000504
#3	3.503178	-.000704	.0011905	-.000190	-.005398	.0019973	-.000929

Sample Name: J5092-01LX5 Acquired: 10/5/2018 15:10:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2E40L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000100	-.005804	.0000693
Stddev	.001103	.001188	.0000381
%RSD	1107.529	20.46808	54.98066

#1	-.001373	-.006546	.0000310
#2	.000503	-.004434	.0000697
#3	.000571	-.006432	.0001071

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2511.389	3506.496	55550.47	5065.983	4954.963
Stddev	3.515	10.192	95.13	31.200	4.011
%RSD	.1399719	.2906580	.1712539	.6158780	.0809458

#1	2513.105	3495.543	55558.25	5047.840	4950.389
#2	2513.717	3515.701	55641.47	5102.010	4956.623
#3	2507.346	3508.243	55451.68	5048.100	4957.878

Sample Name: J5092-13 Acquired: 10/5/2018 15:14:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4964805	.0029441	.3829750	-.000560	.1248943	15.29952
Stddev	.0091456	.0023365	.0027812	.001092	.0005077	.06094
%RSD	1.842091	79.36061	.7261957	194.9386	.4065394	.3982845

#1	.4859255	.0056415	.3809939	-.000331	.1245341	15.22919
#2	.5014631	.0016417	.3817765	-.001749	.1246739	15.33643
#3	.5020529	.0015491	.3861544	.000399	.1254751	15.33295

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.271988	.0022735	.4998451	744.4110	7.325289	.6325072
Stddev	.001543	.0001316	.0008141	2.5339	.015373	.0014625
%RSD	.1213265	5.789354	.1628682	.3403890	.2098571	.2312296

#1	1.273055	.0021899	.4994892	741.5519	7.314743	.6318451
#2	1.272692	.0022055	.4992695	745.3020	7.342927	.6314928
#3	1.270219	.0024252	.5007765	746.3790	7.318196	.6341837

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.69518	123.1513	2.013506	342.3605	F 7.704070	.0155045
Stddev	.05455	.5216	.008649	1.4060	.010522	.0003569
%RSD	.1447258	.4235751	.4295701	.4106669	.1365799	2.301818

#1	37.75344	122.6673	2.009098	341.0897	7.710301	.0150925
#2	37.64530	123.0828	2.007949	342.1211	7.691922	.0157052
#3	37.68681	123.7038	2.023472	343.8709	7.709989	.0157159

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.915907	.2261310	1.255471	5.545734	3.015966	.0454930
Stddev	.258931	.0076919	.019210	.042372	.000624	.0016442
%RSD	13.51479	3.401518	1.530122	.7640530	.0206747	3.614219

#1	1.826855	.2225170	1.240195	5.525106	3.015246	.0442360
#2	1.713254	.2349643	1.249179	5.517625	3.016316	.0448893
#3	2.207612	.2209116	1.277038	5.594470	3.016335	.0473538

Sample Name: J5092-13 Acquired: 10/5/2018 15:14:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199573	1.435824	2.370929	-.001661	.4422055	.0544738
Stddev	.0003973	.011248	.012166	.001322	.0019098	.0023696
%RSD	1.990985	.7834157	.5131119	79.56530	.4318745	4.349995

#1	.0195122	1.429056	2.358527	-.002039	.4400237	.0545028
#2	.0202762	1.448809	2.371419	-.002753	.4430185	.0520899
#3	.0200834	1.429607	2.382843	-.000192	.4435742	.0568288

Elem	Sr4077
Units	ppm
Avg	.4479476
Stddev	.0007491
%RSD	.1672399

#1	.4483008
#2	.4470872
#3	.4484550

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2437.952	3309.371	57151.85	5260.251	4165.416
Stddev	11.305	13.534	47.67	19.908	12.561
%RSD	.4637011	.4089692	.0834103	.3784574	.3015497

#1	2431.612	3324.967	57112.55	5279.878	4178.703
#2	2451.004	3302.443	57138.12	5260.802	4163.810
#3	2431.241	3300.703	57204.88	5240.074	4153.736

Sample Name: J5092-14 Acquired: 10/5/2018 15:18:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4971863	.0022018	.3849767	-.004021	.1242329	15.34050
Stddev	.0040751	.0021576	.0020199	.003243	.0026933	.09151
%RSD	.8196250	97.99000	.5246837	80.63512	2.167934	.5965386

#1	.4991075	.0006794	.3826500	-.003352	.1241165	15.38627
#2	.4925058	.0012552	.3862811	-.001165	.1215998	15.40011
#3	.4999456	.0046709	.3859991	-.007546	.1269826	15.23514

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.283966	.0022173	.5009714	747.7754	7.296420	.6314664
Stddev	.001851	.0000620	.0006190	5.0532	.005772	.0008226
%RSD	.1441869	2.797634	.1235645	.6757680	.0791054	.1302610

#1	1.284164	.0021717	.5007931	752.5688	7.290816	.6316622
#2	1.285710	.0022880	.5004610	748.2602	7.302346	.6305637
#3	1.282024	.0021924	.5016600	742.4973	7.296099	.6321735

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 37.92113	123.6246	2.022824	344.7274	F 7.723712	.0159535
Stddev	.08753	.9507	.026936	2.0449	.002296	.0003407
%RSD	.2308237	.7690208	1.331606	.5931970	.0297220	2.135520

#1	37.95874	124.6090	2.049534	347.0772	7.721704	.0159295
#2	37.98357	123.5532	2.023272	343.7535	7.723219	.0156254
#3	37.82108	122.7117	1.995667	343.3515	7.726215	.0163055

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.780328	.2280124	1.251880	5.594885	3.038650	.0485895
Stddev	.181508	.0066778	.026903	.118365	.004477	.0048435
%RSD	10.19522	2.928688	2.149012	2.115589	.1473250	9.968217

#1	1.775003	.2308606	1.282414	5.661387	3.037889	.0534089
#2	1.601541	.2203827	1.231659	5.665042	3.043459	.0486372
#3	1.964440	.2327938	1.241568	5.458226	3.034603	.0437223

Sample Name: J5092-14 Acquired: 10/5/2018 15:18:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198636	1.452818	2.524096	-.001995	.4490683	.0551206
Stddev	.0006595	.019558	.010847	.001490	.0033740	.0013369
%RSD	3.320042	1.346193	.4297302	74.71762	.7513317	2.425363

#1	.0193777	1.433025	2.512871	-.002771	.4529129	.0543808
#2	.0195988	1.453299	2.534520	-.000276	.4476918	.0566639
#3	.0206144	1.472131	2.524896	-.002937	.4466001	.0543172

Elem	Sr4077
Units	ppm
Avg	.4473231
Stddev	.0007141
%RSD	.1596502

#1	.4465248
#2	.4475431
#3	.4479013

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2436.928	3307.080	57200.77	5267.136	4161.673
Stddev	1.871	15.593	185.16	30.005	10.304
%RSD	.0767903	.4715104	.3237084	.5696683	.2475877

#1	2435.757	3290.408	57394.42	5301.638	4149.798
#2	2439.086	3321.305	57182.44	5247.141	4168.253
#3	2435.942	3309.528	57025.46	5252.630	4166.968

Sample Name: J5092-15 Acquired: 10/5/2018 15:22:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5758699	.1090689	.4177765	.0961582	.3332057	19.24035
Stddev	.0059957	.0024303	.0021352	.0007782	.0041746	.02335
%RSD	1.041162	2.228228	.5110794	.8092870	1.252847	.1213448

#1	.5822283	.1078489	.4197241	.0952853	.3309939	19.24868
#2	.5703185	.1118675	.4154935	.0964100	.3380208	19.25839
#3	.5750629	.1074903	.4181119	.0967794	.3306025	19.21398

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.572506	.1038789	.6020758	749.2648	7.676856	1.736556
Stddev	.014384	.0003578	.0010766	2.7865	.014233	.001469
%RSD	.2581302	.3444236	.1788185	.3718964	.1854024	.0846094

#1	5.559949	.1035356	.6031182	748.6382	7.666086	1.737613
#2	5.569369	.1042496	.6009679	752.3112	7.671490	1.734878
#3	5.588200	.1038516	.6021413	746.8449	7.692992	1.737177

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 38.30454	125.6528	3.081716	343.2575	F 8.728258	.1154408
Stddev	.13758	.2092	.020217	1.3717	.011779	.0008741
%RSD	.3591821	.1665270	.6560309	.3996215	.1349560	.7572319

#1	38.15529	125.4322	3.081407	343.1006	8.741788	.1154188
#2	38.33202	125.6776	3.102085	344.7010	8.722707	.1163257
#3	38.42631	125.8485	3.061654	341.9710	8.720281	.1145778

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.011887	1.308070	2.305869	5.557715	3.032392	.0455841
Stddev	.148190	.009536	.013845	.052838	.004520	.0014869
%RSD	7.365713	.7289776	.6004374	.9507111	.1490511	3.261868

#1	1.947854	1.304201	2.316084	5.610234	3.027376	.0464418
#2	2.181327	1.301077	2.290111	5.558346	3.033651	.0464434
#3	1.906481	1.318932	2.311412	5.504564	3.036148	.0438672

Sample Name: J5092-15 Acquired: 10/5/2018 15:22:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0200229	1.442394	2.571068	-.000859	.4456849	.0549274
Stddev	.0003597	.004126	.020717	.001852	.0026957	.0005704
%RSD	1.796424	.2860516	.8057851	215.7081	.6048381	1.038431

#1	.0204362	1.438394	2.547925	-.002287	.4425913	.0552906
#2	.0198522	1.446635	2.587885	.001234	.4469335	.0552216
#3	.0197803	1.442152	2.577394	-.001523	.4475300	.0542700

Elem	Sr4077
Units	ppm
Avg	.4464415
Stddev	.0012686
%RSD	.2841549

#1	.4449787
#2	.4472407
#3	.4471050

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2413.877	3285.546	56803.19	5245.376	4161.085
Stddev	15.612	7.971	78.70	28.488	16.531
%RSD	.6467583	.2426201	.1385436	.5430987	.3972690

#1	2399.252	3276.422	56720.41	5253.490	4145.029
#2	2412.060	3291.161	56877.05	5213.712	4178.053
#3	2430.317	3289.054	56812.10	5268.926	4160.175

Sample Name: J5092-13LX5 Acquired: 10/5/2018 15:26:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1042378	.0028805	.0711448	.0013738	.0251322	3.049806	.2580248
Stddev	.0017463	.0002630	.0001974	.0033840	.0002359	.017084	.0012026
%RSD	1.675263	9.131205	.2775027	246.3196	.9387874	.5601512	.4660856

#1	.1061623	.0027123	.0709437	-.001239	.0251689	3.040658	.2586089
#2	.1027542	.0027455	.0713383	.000164	.0253477	3.039245	.2566417
#3	.1037970	.0031836	.0711523	.005196	.0248801	3.069516	.2588238

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005097	.0964841	151.5074	1.543202	.1181981	7.708331	25.94956
Stddev	.0000363	.0002848	1.7239	.000934	.0000934	.056733	.16817
%RSD	7.120997	.2951233	1.137861	.0605123	.0790199	.7359916	.6480536

#1	.0005469	.0962250	150.4376	1.542402	.1181781	7.676790	25.79459
#2	.0004744	.0964384	150.5886	1.544228	.1182998	7.674378	25.92571
#3	.0005077	.0967890	153.4962	1.542977	.1181163	7.773825	26.12838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4282791	68.09931	1.476018	.0033242	.4419975	.0482594	.2363251
Stddev	.0090230	.81748	.002676	.0005124	.1433178	.0081969	.0173133
%RSD	2.106814	1.200426	.1813111	15.41404	32.42502	16.98517	7.326049

#1	.4254139	67.64888	1.473795	.0038775	.6066743	.0489217	.2439830
#2	.4210366	67.60612	1.475271	.0028661	.3454762	.0397514	.2484889
#3	.4383869	69.04294	1.478988	.0032289	.3738421	.0561050	.2165034

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.028219	.5725164	.0120705	.0038236	.2587699	.5329427	-.003036
Stddev	.028931	.0031309	.0011366	.0001137	.0025344	.0048049	.000681
%RSD	2.813662	.5468622	9.416518	2.972430	.9794051	.9015810	22.44539

#1	1.059735	.5714335	.0111882	.0037223	.2568567	.5352781	-.002714
#2	1.002868	.5760450	.0133531	.0038020	.2578087	.5274164	-.002575
#3	1.022054	.5700707	.0116702	.0039465	.2616443	.5361334	-.003818

Sample Name: J5092-13LX5 Acquired: 10/5/2018 15:26:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2E44L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0925273	.0060148	.0916303
Stddev	.0019439	.0020736	.0000261
%RSD	2.100905	34.47530	.0284801

#1	.0919915	.0078804	.0916006
#2	.0909074	.0063818	.0916410
#3	.0946828	.0037822	.0916494

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2519.077	3466.335	57020.71	5239.319	4814.873
Stddev	10.223	7.116	64.74	29.236	4.529
%RSD	.4058270	.2052750	.1135378	.5580151	.0940694

#1	2519.139	3458.181	57071.66	5260.062	4811.818
#2	2508.823	3471.289	56947.86	5252.014	4820.076
#3	2529.269	3469.535	57042.62	5205.881	4812.724

Sample Name: J5092-13DLX2 Acquired: 10/5/2018 15:38:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2561170	.0020592	.1866670	-.002276	.0645501	7.737717	.6602164
Stddev	.0006298	.0010944	.0002425	.004383	.0010304	.034072	.0029475
%RSD	.2459081	53.14498	.1299163	192.6251	1.596275	.4403345	.4464429

#1	.2563455	.0026785	.1864151	.002646	.0647603	7.757724	.6631195
#2	.2554048	.0027036	.1866868	-.003711	.0654592	7.698376	.6572264
#3	.2566007	.0007956	.1868989	-.005761	.0634308	7.757050	.6603034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011688	.2510108	384.4464	3.810230	.3126125	19.55729	64.39526
Stddev	.0000409	.0000394	2.7844	.005969	.0004483	.12011	.50647
%RSD	3.503323	.0156819	.7242498	.1566538	.1434148	.6141458	.7864973

#1	.0011786	.2510198	387.2057	3.804880	.3121044	19.67369	64.91466
#2	.0011238	.2509677	381.6377	3.816668	.3127803	19.43378	63.90281
#3	.0012039	.2510449	384.4957	3.809141	.3129526	19.56440	64.36831

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.054859	173.4272	3.856546	.0084580	1.020394	.1153057	.6576994
Stddev	.017080	.9160	.001454	.0002628	.197206	.0046283	.0198581
%RSD	1.619181	.5282029	.0376988	3.106930	19.32645	4.013946	3.019331

#1	1.069287	174.4254	3.857987	.0084938	1.044179	.1186337	.6360154
#2	1.036000	172.6250	3.855079	.0087011	.812374	.1172630	.6620838
#3	1.059290	173.2311	3.856572	.0081792	1.204628	.1100203	.6749989

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.762077	1.513181	.0273415	.0102231	.7077650	1.258563	-.003049
Stddev	.067016	.001831	.0031801	.0000364	.0083632	.009780	.000842
%RSD	2.426284	.1209711	11.63097	.3556240	1.181635	.7770829	27.61124

#1	2.835722	1.515122	.0298749	.0101906	.7003116	1.261305	-.002920
#2	2.704675	1.512936	.0283770	.0102623	.7168095	1.247705	-.003947
#3	2.745836	1.511485	.0237728	.0102164	.7061739	1.266680	-.002278

Sample Name: J5092-13DLX2 Acquired: 10/5/2018 15:38:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2E44 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2294391	.0262806	.2319901
Stddev	.0011789	.0011218	.0008782
%RSD	.5138203	4.268594	.3785327

#1	.2280811	.0255477	.2320674
#2	.2300353	.0257221	.2310758
#3	.2302007	.0275721	.2328270

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2444.909	3369.955	56730.86	5278.840	4426.741
Stddev	6.175	7.376	162.63	33.791	7.412
%RSD	.2525766	.2188700	.2866687	.6401259	.1674287

#1	2439.867	3361.444	56672.10	5241.537	4418.253
#2	2443.064	3374.485	56605.76	5307.402	4431.931
#3	2451.796	3373.936	56914.70	5287.580	4430.039

Sample Name: J5092-14DLX2 Acquired: 10/5/2018 15:42:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2522575	.0034634	.1844151	-.002227	.0628120	7.706503	.6558404
Stddev	.0052463	.0019305	.0026053	.004002	.0012180	.054111	.0023682
%RSD	2.079720	55.73999	1.412760	179.6868	1.939039	.7021424	.3610981

#1	.2557104	.0012444	.1823570	-.005131	.0641481	7.699258	.6538233
#2	.2548415	.0047573	.1835439	.002338	.0625238	7.763870	.6584480
#3	.2462204	.0043884	.1873444	-.003888	.0617639	7.656379	.6552498

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012415	.2488035	382.8622	3.805814	.3092352	19.55813	64.08933
Stddev	.0000757	.0002641	2.3581	.002937	.0005152	.06252	.39239
%RSD	6.099572	.1061609	.6159022	.0771817	.1666133	.3196829	.6122499

#1	.0012991	.2490304	381.9588	3.805901	.3086408	19.49279	64.02188
#2	.0011557	.2485135	385.5384	3.802833	.3095119	19.61740	64.51106
#3	.0012697	.2488667	381.0895	3.808706	.3095530	19.56420	63.73503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.059928	173.3357	3.803249	.0079982	1.101614	.1165880	.6507770
Stddev	.002455	.8978	.002350	.0001638	.068365	.0037273	.0134719
%RSD	.2316142	.5179686	.0617866	2.048017	6.205941	3.197026	2.070132

#1	1.057930	172.6933	3.803224	.0078115	1.052653	.1156244	.6661174
#2	1.062669	174.3616	3.800912	.0081180	1.072465	.1207025	.6408712
#3	1.059187	172.9523	3.805612	.0080650	1.179722	.1134370	.6453426

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.805780	1.503586	.0236297	.0100082	.6940052	1.276000	-.003569
Stddev	.009876	.005774	.0010008	.0003556	.0065308	.011364	.002021
%RSD	.3520000	.3840327	4.235518	3.553334	.9410354	.8905606	56.63656

#1	2.813770	1.506694	.0244404	.0101381	.6918636	1.274041	-.004354
#2	2.808833	1.496924	.0225111	.0096059	.6888140	1.288216	-.005079
#3	2.794738	1.507141	.0239377	.0102807	.7013379	1.265744	-.001273

Sample Name: J5092-14DLX2 Acquired: 10/5/2018 15:42:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2E44D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2291664	.0253344	.2307481
Stddev	.0011641	.0014122	.0009230
%RSD	.5079579	5.574155	.4000031

#1	.2285182	.0244519	.2301135
#2	.2305102	.0269632	.2318069
#3	.2284706	.0245882	.2303239

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2457.703	3384.328	56752.48	5229.898	4476.662
Stddev	9.022	2.150	378.95	30.228	3.129
%RSD	.3670726	.0635417	.6677172	.5779865	.0698851

#1	2449.381	3383.347	56335.41	5258.284	4473.163
#2	2467.290	3382.844	57075.65	5198.114	4477.632
#3	2456.437	3386.794	56846.38	5233.297	4479.190

Sample Name: J5092-15DLX2 Acquired: 10/5/2018 15:46:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2922792	.0561697	.2095102	.0549965	.1688845	9.665586	2.795682
Stddev	.0093838	.0008324	.0013102	.0037502	.0011797	.070840	.010048
%RSD	3.210557	1.481922	.6253618	6.818930	.6985278	.7329056	.3593986

#1	.2815597	.0564996	.2080016	.0507311	.1700563	9.660755	2.793962
#2	.2962699	.0552230	.2101650	.0577759	.1689003	9.738718	2.806478
#3	.2990080	.0567866	.2103638	.0564826	.1676970	9.597286	2.786605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534635	.3042618	380.6765	3.998306	.8654206	19.61516	64.73403
Stddev	.0001367	.0004636	1.9967	.009903	.0013652	.04605	.28589
%RSD	.2556354	.1523735	.5245267	.2476743	.1577526	.2347493	.4416358

#1	.0535470	.3043141	380.1330	4.000513	.8652084	19.59291	64.47855
#2	.0535377	.3037742	382.8888	3.987486	.8641738	19.66810	65.04282
#3	.0533057	.3046970	379.0078	4.006919	.8668794	19.58446	64.68071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.592575	172.2763	4.393021	.0581424	.8604952	.6743972	1.170261
Stddev	.012606	.9394	.007744	.0008828	.2570963	.0083518	.016090
%RSD	.7915566	.5452663	.1762839	1.518369	29.87772	1.238404	1.374902

#1	1.597254	171.3138	4.391471	.0574094	.9158407	.6649212	1.152934
#2	1.602173	173.1907	4.386170	.0591224	.5802335	.6806864	1.184730
#3	1.578298	172.3245	4.401423	.0578953	1.085411	.6775840	1.173119

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.694333	1.514978	.0259293	.0106629	.7009378	1.309358	-.003186
Stddev	.035307	.005410	.0018188	.0001736	.0003463	.006005	.000551
%RSD	1.310434	.3571279	7.014265	1.628388	.0494122	.4585952	17.28939

#1	2.662156	1.513177	.0241209	.0104627	.7007791	1.315452	-.003815
#2	2.732103	1.521059	.0277582	.0107537	.7013351	1.309176	-.002946
#3	2.688738	1.510698	.0259088	.0107722	.7006993	1.303447	-.002795

Sample Name: J5092-15DLX2 Acquired: 10/5/2018 15:46:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2E44S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2282886	.0256529	.2273284
Stddev	.0015289	.0008569	.0005113
%RSD	.6697229	3.340477	.2249236

#1	.2267333	.0249357	.2271424
#2	.2297897	.0254210	.2279067
#3	.2283427	.0266019	.2269362

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2441.713	3354.465	56103.09	5177.504	4384.194
Stddev	6.220	2.304	109.70	16.123	5.088
%RSD	.2547384	.0686725	.1955367	.3114072	.1160503

#1	2448.002	3357.005	56218.13	5176.904	4388.658
#2	2435.564	3352.512	56091.48	5161.690	4385.270
#3	2441.572	3353.878	55999.65	5193.920	4378.654

Sample Name: J5092-13LDLX10 Acquired: 10/5/2018 15:50:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MX2E44L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0508127	-.000006	.0360336	-.000132	.0098549	1.482769	.1265667
Stddev	.0015087	.000998	.0005781	.004166	.0008521	.019080	.0007575
%RSD	2.969189	15925.89	1.604349	3166.034	8.645975	1.286803	.5984962

#1	.0495281	.001090	.0363158	-.004421	.0090763	1.475593	.1270013
#2	.0524741	-.000245	.0364163	.003899	.0107651	1.504397	.1270067
#3	.0504358	-.000863	.0353685	.000128	.0097233	1.468317	.1256920

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003294	.0489888	73.95582	.7715219	.0590336	3.793847	12.80149
Stddev	.0000774	.0001259	.62744	.0023584	.0001378	.004521	.08720
%RSD	23.50956	.2570072	.8483924	.3056779	.2334255	.1191590	.6811857

#1	.0002530	.0490332	73.65016	.7707826	.0589604	3.793804	12.89837
#2	.0004078	.0488467	73.53979	.7741614	.0589478	3.798390	12.72928
#3	.0003273	.0490864	74.67752	.7696218	.0591925	3.789349	12.77683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2063359	33.49765	.7508299	.0016935	.2886719	.0195462	.1187961
Stddev	.0034490	.25978	.0012400	.0001024	.2357179	.0031614	.0181886
%RSD	1.671540	.7755242	.1651473	6.047258	81.65600	16.17393	15.31075

#1	.2043733	33.23024	.7497968	.0017533	.0184383	.0173860	.0981484
#2	.2043161	33.51365	.7504880	.0015753	.4519542	.0231747	.1324484
#3	.2103183	33.74907	.7522050	.0017520	.3956232	.0180778	.1257915

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5000348	.2858960	.0066405	.0020245	.1263037	.2576099	-.003518
Stddev	.0128910	.0038942	.0004565	.0003046	.0071711	.0011201	.000404
%RSD	2.578030	1.362091	6.874594	15.04417	5.677633	.4347921	11.49070

#1	.5008193	.2815402	.0066687	.0023601	.1253469	.2585028	-.003931
#2	.5125157	.2871068	.0061706	.0017657	.1339051	.2579738	-.003124
#3	.4867694	.2890409	.0070823	.0019476	.1196590	.2563531	-.003499

Sample Name: J5092-13LDLX10 Acquired: 10/5/2018 15:50:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MX2E44L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0458926	-.000220	.0450054
Stddev	.0011765	.001713	.0001097
%RSD	2.563575	779.5657	.2437508

#1	.0448651	.000528	.0450828
#2	.0456368	-.002180	.0450535
#3	.0471760	.000993	.0448799

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2540.316	3513.002	57051.79	5231.356	4799.336
Stddev	9.225	10.791	200.78	34.322	8.150
%RSD	.3631506	.3071790	.3519171	.6560727	.1698219

#1	2544.347	3515.600	57167.25	5242.439	4790.034
#2	2529.762	3501.150	56819.96	5258.767	4805.228
#3	2546.841	3522.258	57168.17	5192.863	4802.745

Sample Name: CCV049 Acquired: 10/5/2018 15:54:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.809549	4.970331	25.34715	4.688058	4.857243	405.9402	9.894419
Stddev	.017012	.012407	.01578	.021393	.011970	.9722	.016293
%RSD	.3537111	.2496179	.0622721	.4563299	.2464373	.2394898	.1646691

#1	4.792371	4.983727	25.35984	4.679730	4.848031	405.7965	9.898090
#2	4.809884	4.968032	25.32947	4.672081	4.852925	406.9763	9.908564
#3	4.826390	4.959235	25.35213	4.712362	4.870773	405.0480	9.876604

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4878404	2.543318	408.0187	15.11802	2.583195	14.78658	412.4635
Stddev	.0007267	.001915	.5884	.02352	.002985	.04621	1.6066
%RSD	.1489624	.0753097	.1442127	.1555909	.1155396	.3125403	.3895110

#1	.4876910	2.542484	407.7063	15.14309	2.580314	14.78036	413.1755
#2	.4886302	2.541961	408.6974	15.11456	2.582997	14.83559	413.5910
#3	.4872000	2.545509	407.6523	15.09643	2.586273	14.74379	410.6239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.78035	408.7662	2.589938	1.247187	406.3043	2.473597	14.77306
Stddev	.03968	1.5615	.001537	.002312	1.2367	.011398	.04856
%RSD	.2684601	.3819945	.0593549	.1853726	.3043731	.4607870	.3286814

#1	14.82340	408.4914	2.588950	1.249816	404.9623	2.483493	14.79410
#2	14.77241	410.4469	2.591709	1.245471	407.3979	2.476165	14.80755
#3	14.74524	407.3604	2.589155	1.246274	406.5529	2.461135	14.71753

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.5127	5.175815	4.867079	4.860880	5.183162	4.886475	5.119291
Stddev	.2753	.006300	.022051	.009536	.013734	.020048	.005268
%RSD	.1828753	.1217117	.4530668	.1961817	.2649788	.4102747	.1029088

#1	150.2914	5.178156	4.867551	4.857681	5.182564	4.887386	5.113377
#2	150.8209	5.168681	4.888890	4.853355	5.197185	4.906053	5.123483
#3	150.4257	5.180610	4.844796	4.871605	5.169736	4.865988	5.121012

Sample Name: CCV049 Acquired: 10/5/2018 15:54:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV049 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.936392	5.044572	4.950936
Stddev	.014907	.010764	.015385
%RSD	.3019801	.2133836	.3107509

#1	4.934595	5.039120	4.938216
#2	4.952115	5.056972	4.968036
#3	4.922464	5.037624	4.946557

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2300.038	3106.197	54244.88	5049.945	3904.777
Stddev	11.773	9.200	22.11	14.160	4.361
%RSD	.5118607	.2961829	.0407653	.2803961	.1116902

#1	2311.450	3103.386	54263.72	5063.247	3899.753
#2	2300.728	3116.475	54250.40	5035.060	3906.990
#3	2287.935	3098.731	54220.54	5051.527	3907.588

Sample Name: CCB049 Acquired: 10/5/2018 15:58:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB049 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001871	.0013021	-.000123	.0005716	-.001325	-.001460
Stddev	.002300	.0010520	.000275	.0012798	.001078	.012023
%RSD	122.9000	80.79326	224.6729	223.8939	81.35730	823.6741

#1	-.002748	.0023891	-.000440	-.000853	-.001653	-.002084
#2	.000738	.0002889	.000017	.000944	-.002202	-.013159
#3	-.003604	.0012283	.000055	.001624	-.000121	.010863

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001411	.0000822	-.000011	-.002782	-.000146	.0000418
Stddev	.000472	.0000413	.000041	.025530	.000235	.0002939
%RSD	33.42103	50.21048	373.1164	917.6988	160.7761	703.1040

#1	-.001658	.0000649	-.000018	-.024678	-.000042	.0002311
#2	-.000867	.0001293	-.000047	.025259	-.000416	-.000297
#3	-.001708	.0000524	.000033	-.008927	.000019	.000191

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000243	.0035821	-.000118	-.031020	.0000031	.0005091
Stddev	.005826	.0153795	.001058	.044177	.0005906	.0001687
%RSD	2396.522	429.3375	896.6751	142.4151	19018.21	33.13239

#1	-.002926	.0046206	.000470	-.045182	.0006172	.0004909
#2	-.004244	-.012290	.000515	.018501	-.000047	.0006862
#3	.006441	.018416	-.001339	-.066380	-.000561	.0003503

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1359537	-.004042	-.008126	.0213101	-.002111	F .0126386
Stddev	.2147368	.003532	.017140	.0601184	.002261	.0011330
%RSD	157.9485	87.38560	210.9417	282.1121	107.0706	8.964298

#1	.3516132	-.005052	.010999	-.035987	-.004123	.0126711
#2	-.077848	-.006960	-.022099	.083900	.000335	.0114897
#3	.134096	-.000115	-.013277	.016018	-.002545	.0137549

Sample Name: CCB049 Acquired: 10/5/2018 15:58:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB049 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001204	-.004150	.0009266	.0006957	.0001248	-.000553
Stddev	.0002702	.000421	.0014174	.0007995	.0015829	.001071
%RSD	224.4981	10.14624	152.9645	114.9300	1268.113	193.7291

#1	.0002542	-.003770	.0017895	.0014515	-.001049	.000559
#2	-.000191	-.004602	.0016996	-.000141	.001925	-.001577
#3	.000298	-.004077	-.000709	.000777	-.000502	-.000641

Elem	Sr4077
Units	ppm
Avg	.0000458
Stddev	.0001183
%RSD	258.3972

#1	-.000074
#2	.000050
#3	.000162

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2535.518	3561.081	56439.02	5226.413	4906.696
Stddev	11.805	4.258	426.83	18.895	6.579
%RSD	.4655927	.1195747	.7562628	.3615237	.1340856

#1	2522.219	3558.801	56057.05	5246.910	4899.115
#2	2539.576	3558.449	56360.28	5209.690	4910.051
#3	2544.759	3565.994	56899.74	5222.640	4910.921

Sample Name: PB113332BL Acquired: 10/5/2018 16:02:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	.0009966	.0011264	.0002898	.0005138	-.000327	-.003393	-.001099
Stddev	.0015075	.0008433	.0024931	.0016295	.002465	.010219	.000789
%RSD	151.2718	74.87351	860.3651	317.1287	752.8051	301.2065	71.80742

#1	-.000046	.0005167	.0011931	-.000950	-.002950	-.014537	-.000902
#2	.000311	.0007735	.0022053	.002269	.001940	.005538	-.000428
#3	.002725	.0020888	-.002529	.000223	.000028	-.001179	-.001969

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000854	.0000401	-.014073	.0001620	-.000005	-.002314	.0039473
Stddev	.0000301	.0000979	.016049	.0002369	.000309	.001498	.0036845
%RSD	35.30455	244.0321	114.0428	146.2585	6400.696	64.72982	93.34213

#1	.0000689	-.000058	-.030077	.0000336	-.000284	-.001098	.0060794
#2	.0001201	.000138	-.014164	.0000169	-.000059	-.001857	-.000307
#3	.0000670	.000040	.002022	.0004353	.000328	-.003988	.006070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001762	-.002567	-.000373	.0007828	.0339651	.0029673	-.001732
Stddev	.000538	.019121	.000418	.0001483	.2703772	.0049677	.008834
%RSD	30.54257	745.0288	111.9495	18.94384	796.0452	167.4133	510.1978

#1	-.001212	.000397	-.000565	.0007118	.2098239	.0028672	-.011335
#2	-.002287	-.022997	-.000661	.0006833	-.277368	.0079843	.000090
#3	-.001787	.014900	.000106	.0009532	.169439	-.001950	.006050

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523668	-.003562	.0050425	.0000858	-.001966	-.000487	-.000591
Stddev	.0439338	.001611	.0007394	.0001010	.003202	.000682	.000959
%RSD	83.89629	45.22962	14.66383	117.7306	162.8687	139.9665	162.1436

#1	.0163832	-.002417	.0058140	.0001933	.000000	-.001274	-.000337
#2	.1013274	-.005405	.0043400	.0000710	-.005660	-.000073	-.001652
#3	.0393899	-.002866	.0049734	-.000007	-.000237	-.000114	.000215

Sample Name: PB113332BL Acquired: 10/5/2018 16:02:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	.0005877	-.002004	.0000989
Stddev	.0002197	.001209	.0000582
%RSD	37.38925	60.36180	58.81922

#1	.0007339	-.002194	.0001647
#2	.0006942	-.003107	.0000779
#3	.0003350	-.000710	.0000542

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2527.536	3545.388	56263.98	5143.090	4895.635
Stddev	7.727	20.098	354.61	34.286	13.774
%RSD	.3057150	.5668741	.6302608	.6666329	.2813516

#1	2518.637	3522.458	55899.17	5131.190	4880.241
#2	2532.540	3559.952	56607.42	5181.740	4906.796
#3	2531.431	3553.753	56285.35	5116.340	4899.867

Sample Name: PB113332BS Acquired: 10/5/2018 16:06:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	.0211872	.0505725	.0186631	.0725924	.1178774	.3819392
Stddev	.0006277	.0003173	.0002319	.0012621	.0006668	.0112244
%RSD	2.962838	.6273869	1.242770	1.738615	.5657163	2.938789

#1	.0208149	.0509114	.0185116	.0729988	.1171214	.3874402
#2	.0219119	.0505237	.0185476	.0711772	.1183820	.3893519
#3	.0208346	.0502825	.0189301	.0736013	.1181288	.3690254

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3912188	.0099118	.0100504	10.18272	.0221137	.0962535
Stddev	.0011863	.0000609	.0000972	.05969	.0006398	.0001954
%RSD	.3032241	.6141651	.9669415	.5861985	2.893193	.2030431

#1	.3920133	.0099620	.0099541	10.15076	.0213788	.0963794
#2	.3917878	.0098441	.0100487	10.14580	.0224155	.0960283
#3	.3898552	.0099293	.0101485	10.25158	.0225468	.0963527

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0506317	.2244744	.0305854	9.849015	.0815231	.0194061
Stddev	.0051283	.0076416	.0012780	.017276	.0001675	.0002625
%RSD	10.12867	3.404226	4.178380	.1754036	.2054501	1.352591

#1	.0473749	.2304513	.0319252	9.868837	.0816947	.0193658
#2	.0565432	.2158644	.0304513	9.837167	.0813600	.0196863
#3	.0479770	.2271075	.0293798	9.841041	.0815145	.0191660

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.871471	.1022335	.1116671	9.134958	.0176006	F .0220734
Stddev	.361636	.0053490	.0163428	.035334	.0021727	.0002664
%RSD	3.663445	5.232157	14.63533	.3867962	12.34442	1.206724

#1	9.670574	.1083895	.0974364	9.153471	.0161453	.0221727
#2	10.28895	.0987201	.1080492	9.157189	.0200980	.0222758
#3	9.65489	.0995909	.1295158	9.094215	.0165584	.0217716

Sample Name: PB113332BS Acquired: 10/5/2018 16:06:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) 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	.0195990	.1674800	.1880029	F .0125836	.1977356	.0882708
Stddev	.0001810	.0013574	.0008685	.0003275	.0023608	.0017504
%RSD	.9232559	.8104614	.4619683	2.602578	1.193908	1.982960

#1	.0196358	.1671200	.1870026	.0125967	.1966260	.0876459
#2	.0197588	.1663389	.1884414	.0129044	.2004468	.0869187
#3	.0194025	.1689810	.1885648	.0122498	.1961341	.0902479

Elem	Sr4077
Units	ppm
Avg	.1972798
Stddev	.0006353
%RSD	.3220118

#1	.1978687
#2	.1973641
#3	.1966066

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2541.387	3569.928	56750.15	5192.100	4924.637
Stddev	16.945	3.683	100.62	15.986	11.437
%RSD	.6667612	.1031761	.1773064	.3078947	.2322370

#1	2522.100	3569.027	56634.12	5181.430	4922.383
#2	2548.175	3566.778	56802.89	5210.480	4914.495
#3	2553.885	3573.978	56813.43	5184.390	4937.033

Sample Name: J5144-01 Acquired: 10/5/2018 16:10:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0669037	.0080363	.5658069	-.024361	.0000535	91.13508	.8029486
Stddev	.0007355	.0022938	.0020189	.002494	.0014204	.28463	.0019608
%RSD	1.099383	28.54298	.3568238	10.23778	2656.954	.3123153	.2441985

#1	.0660934	.0106614	.5648442	-.026253	.0010545	91.29149	.8022868
#2	.0675292	.0064188	.5681270	-.025295	-.001572	91.30721	.8014045
#3	.0670886	.0070287	.5644495	-.021535	.000678	90.80655	.8051547

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071221	.0076584	46.49746	1.860300	.1132480	.2925801	222.6807
Stddev	.0001187	.0001135	.45314	.001261	.0003615	.0053807	1.0069
%RSD	1.666908	1.481477	.9745461	.0677602	.3191887	1.839053	.4521594

#1	.0072081	.0076048	46.83303	1.860656	.1133896	.2889588	222.8395
#2	.0071717	.0077888	46.67737	1.858900	.1128372	.2987630	223.5987
#3	.0069867	.0075817	45.98200	1.861345	.1135172	.2900185	221.6039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.941134	34.95536	.2495967	.0071403	1.517620	.2454920	1.398090
Stddev	.051324	.35537	.0006662	.0001654	.082545	.0091192	.010999
%RSD	1.038719	1.016646	.2669215	2.316841	5.439097	3.714679	.7867302

#1	4.944157	34.67637	.2490115	.0071201	1.460481	.2522534	1.385614
#2	4.990879	35.35546	.2494567	.0073149	1.480122	.2351204	1.406388
#3	4.888364	34.83426	.2503217	.0069859	1.612258	.2491022	1.402267

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.79079	11.06169	.0360416	.0060390	4.816203	11.33355	.0297715
Stddev	.01599	.02477	.0073406	.0001941	.018759	.13921	.0007839
%RSD	.1159450	.2239642	20.36703	3.214426	.3895054	1.228273	2.633229

#1	13.80706	11.03372	.0282645	.0060388	4.813356	11.48878	.0293372
#2	13.77510	11.07047	.0428494	.0062332	4.836222	11.29205	.0306765
#3	13.79021	11.08088	.0370108	.0058450	4.799029	11.21981	.0293008

Sample Name: J5144-01 Acquired: 10/5/2018 16:10:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.470214	.1279467	.2010944
Stddev	.003671	.0017983	.0001473
%RSD	.1485962	1.405541	.0732371

#1	2.468982	.1293581	.2012078
#2	2.474342	.1259219	.2009280
#3	2.467318	.1285601	.2011475

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2847.064	3935.261	64486.59	5946.110	4767.271
Stddev	2.232	12.525	135.01	72.060	2.258
%RSD	.0784134	.3182848	.2093634	1.211892	.0473736

#1	2846.906	3926.778	64371.88	5873.233	4764.672
#2	2844.915	3929.357	64452.52	5947.772	4768.751
#3	2849.372	3949.647	64635.37	6017.325	4768.391

Sample Name: J5144-02 Acquired: 10/5/2018 16:14:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1686467	.0124067	.7715757	-.032275	.0011387	118.6309	1.097334
Stddev	.0026460	.0036222	.0017027	.004230	.0008816	.5405	.002060
%RSD	1.568943	29.19511	.2206819	13.10584	77.41497	.4556314	.1877515

#1	.1685533	.0101427	.7698487	-.037152	.0007181	118.6912	1.095478
#2	.1713381	.0104931	.7716252	-.029599	.0021518	119.1387	1.099551
#3	.1660486	.0165843	.7732531	-.030075	.0005463	118.0627	1.096972

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102590	.0139168	31.01731	1.825784	.1595772	.3889114	301.3780
Stddev	.0000586	.0001174	.35912	.000553	.0004300	.0027442	1.9316
%RSD	.5710906	.8432736	1.157791	.0303121	.2694435	.7056098	.6409177

#1	.0102664	.0137834	31.15871	1.825254	.1598765	.3889357	302.5306
#2	.0103136	.0140042	31.28420	1.826358	.1597706	.3861552	302.4554
#3	.0101971	.0139627	30.60901	1.825741	.1590845	.3916434	299.1480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.962425	40.99157	.3043543	.0098001	2.293290	.3115842	2.037624
Stddev	.089638	.25713	.0006694	.0003218	.035395	.0069107	.028334
%RSD	1.287449	.6272713	.2199549	3.283899	1.543403	2.217927	1.390541

#1	7.010242	41.19795	.3035861	.0101682	2.326947	.3064513	2.029430
#2	7.018016	41.07324	.3048128	.0096602	2.296540	.3088593	2.014291
#3	6.859018	40.70353	.3046640	.0095719	2.256382	.3194419	2.069153

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.33137	9.419204	.0313610	.0044682	3.766003	12.44095	.0529900
Stddev	.13971	.012869	.0026006	.0004568	.010219	.10788	.0014999
%RSD	.9112920	.1366278	8.292580	10.22436	.2713483	.8671355	2.830452

#1	15.42054	9.404355	.0340222	.0046273	3.767969	12.50618	.0540681
#2	15.40322	9.426152	.0312355	.0048241	3.754944	12.50024	.0536248
#3	15.17035	9.427107	.0288254	.0039530	3.775096	12.31643	.0512772

Sample Name: J5144-02 Acquired: 10/5/2018 16:14:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4B6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.685103	.1938088	.1764439
Stddev	.015897	.0023689	.0007836
%RSD	.5920526	1.222260	.4440916

#1	2.685160	.1957440	.1767612
#2	2.700972	.1945153	.1770191
#3	2.669178	.1911671	.1755515

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2949.470	4105.837	66919.01	6248.329	4760.984
Stddev	3.452	5.445	49.59	56.601	9.451
%RSD	.1170389	.1326071	.0740992	.9058537	.1985189

#1	2948.335	4104.136	66866.95	6213.076	4769.748
#2	2946.728	4111.929	66965.68	6218.295	4750.970
#3	2953.347	4101.445	66924.40	6313.616	4762.234

Sample Name: J5144-03 Acquired: 10/5/2018 16:18:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491364	.0069481	1.857468	-.042233	.0018475	167.8052	1.446726
Stddev	.0036329	.0019059	.005067	.003164	.0013857	.6751	.001204
%RSD	7.393487	27.43058	.2728163	7.492712	75.00495	.4022828	.0832258

#1	.0507231	.0078122	1.860145	-.045351	.0034458	167.3030	1.447858
#2	.0449801	.0082690	1.860637	-.039024	.0009815	168.5726	1.445461
#3	.0517061	.0047632	1.851624	-.042323	.0011153	167.5400	1.446861

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123683	.0086603	24.17825	2.413623	.1850878	.3689361	372.2680
Stddev	.0002349	.0001488	.43477	.004211	.0003219	.0042007	5.0677
%RSD	1.899661	1.718451	1.798186	.1744794	.1738997	1.138593	1.361294

#1	.0120997	.0085587	23.95000	2.409440	.1851905	.3642756	370.0076
#2	.0124694	.0085910	24.67961	2.413569	.1847271	.3724306	378.0726
#3	.0125357	.0088311	23.90515	2.417861	.1853457	.3701019	368.7240

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.531038	39.35831	.3092224	.0121649	1.831310	.5310084	1.702153
Stddev	.116612	.63837	.0004541	.0009125	.130625	.0104012	.020780
%RSD	1.785500	1.621947	.1468570	7.501073	7.132877	1.958756	1.220818

#1	6.472864	38.90647	.3096362	.0117455	1.762112	.5363809	1.678970
#2	6.665292	40.08861	.3092943	.0132118	1.749842	.5376246	1.719103
#3	6.454957	39.07986	.3087366	.0115376	1.981976	.5190196	1.708386

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.81510	7.989007	-.004617	.0069872	2.004881	17.12239	.0964264
Stddev	.10097	.019879	.004409	.0002135	.014956	.24366	.0013836
%RSD	.6004671	.2488356	95.49375	3.055944	.7459742	1.423063	1.434848

#1	16.71791	7.999386	.000338	.0072268	2.021209	16.93396	.0955717
#2	16.91946	8.001548	-.008106	.0068169	2.001586	17.39755	.0980227
#3	16.80793	7.966086	-.006084	.0069179	1.991847	17.03565	.0956848

Sample Name: J5144-03 Acquired: 10/5/2018 16:18:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.334148	.1607387	.1445111
Stddev	.024799	.0008986	.0001482
%RSD	.5721876	.5590113	.1025791

#1	4.309639	.1600144	.1444053
#2	4.359228	.1617442	.1446805
#3	4.333576	.1604575	.1444474

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3082.661	4285.767	69745.65	6451.185	4754.866
Stddev	3.584	4.913	138.19	81.353	8.113
%RSD	.1162550	.1146391	.1981411	1.261054	.1706272

#1	3078.777	4280.167	69873.38	6511.659	4752.149
#2	3085.839	4289.356	69598.95	6358.694	4748.460
#3	3083.367	4287.776	69764.63	6483.200	4763.989

Sample Name: J5144-04 Acquired: 10/5/2018 16:22:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0333334	.0075496	1.640072	-.043479	.0048412	164.9577	1.474062
Stddev	.0012816	.0022800	.003072	.001427	.0007416	.3609	.003024
%RSD	3.844793	30.20049	.1872856	3.281786	15.31829	.2187651	.2051611

#1	.0340329	.0101821	1.637404	-.042267	.0056180	164.8124	1.474942
#2	.0318543	.0062579	1.643430	-.045051	.0041407	165.3686	1.476548
#3	.0341131	.0062086	1.639382	-.043119	.0047651	164.6922	1.470695

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123713	.0067931	30.17659	1.136999	.1810634	.4145803	363.8231
Stddev	.0000566	.0001295	.17443	.002068	.0003338	.0034732	.9878
%RSD	.4571795	1.906881	.5780406	.1819179	.1843772	.8377660	.2715076

#1	.0123071	.0069385	30.22387	1.137368	.1810696	.4134512	362.6832
#2	.0124139	.0066901	30.32251	1.138857	.1813940	.4118121	364.4282
#3	.0123928	.0067506	29.98340	1.134770	.1807264	.4184776	364.3578

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.307445	36.68872	.3140033	.0090102	1.802848	.5222982	2.431677
Stddev	.041931	.16558	.0021163	.0001817	.115805	.0098737	.026419
%RSD	.6647890	.4513149	.6739646	2.016045	6.423453	1.890432	1.086436

#1	6.300163	36.59123	.3129637	.0091890	1.723908	.5310348	2.417458
#2	6.352541	36.87991	.3164383	.0088258	1.748845	.5242737	2.462160
#3	6.269632	36.59504	.3126079	.0090157	1.935791	.5115861	2.415414

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.23871	7.452913	-.006330	.0071740	1.521148	19.13619	.0667465
Stddev	.12872	.025671	.003501	.0005095	.005632	.10372	.0015797
%RSD	.9040402	.3444452	55.30974	7.102267	.3702481	.5420193	2.366751

#1	14.18511	7.432679	-.010030	.0069745	1.520214	19.01648	.0681319
#2	14.38558	7.444270	-.003070	.0067945	1.516041	19.19930	.0650262
#3	14.14545	7.481790	-.005890	.0077531	1.527188	19.19278	.0670815

Sample Name: J5144-04 Acquired: 10/5/2018 16:22:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.507677	.1509334	.1765317
Stddev	.018009	.0006260	.0001943
%RSD	.3995201	.4147365	.1100892

#1	4.497843	.1510388	.1763579
#2	4.528462	.1502614	.1767415
#3	4.496726	.1514999	.1764955

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3084.867	4267.132	69785.61	6379.693	4740.075
Stddev	32.482	4.526	581.20	35.386	5.340
%RSD	1.052950	.1060679	.8328432	.5546684	.1126549

#1	3061.628	4267.447	69360.18	6401.405	4739.389
#2	3070.990	4271.492	69548.82	6338.860	4735.111
#3	3121.983	4262.457	70447.84	6398.814	4745.725

Sample Name: J5144-05 Acquired: 10/5/2018 16:26:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0465705	.0055910	2.453931	-.026154	.0003761	122.6851	1.524587
Stddev	.0028028	.0009579	.003021	.003263	.0004413	.4671	.002715
%RSD	6.018381	17.13293	.1230942	12.47535	117.3244	.3807521	.1780513

#1	.0433427	.0065809	2.453597	-.028998	.0003655	122.3215	1.522042
#2	.0483880	.0055233	2.451091	-.022592	-.000060	123.2120	1.527444
#3	.0479808	.0046687	2.457105	-.026873	.000823	122.5220	1.524276

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116174	.0120180	11.10630	1.738316	.1411603	.4347361	230.9697
Stddev	.0001697	.0001846	.20502	.004577	.0002851	.0023545	1.1062
%RSD	1.460361	1.535880	1.846001	.2632796	.2019788	.5415925	.4789560

#1	.0117247	.0120366	11.07367	1.743599	.1414892	.4320608	229.8452
#2	.0117056	.0118248	11.32568	1.735789	.1410075	.4356542	232.0568
#3	.0114218	.0121926	10.91954	1.735559	.1409841	.4364932	231.0071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.360156	22.25024	.2625755	.0106599	1.239593	.3429846	1.472604
Stddev	.099579	.11111	.0003041	.0000660	.139210	.0012946	.020572
%RSD	1.191116	.4993729	.1158071	.6192394	11.23030	.3774536	1.396987

#1	8.316491	22.15813	.2622250	.0106748	1.222734	.3428090	1.463663
#2	8.474108	22.37364	.2627330	.0105878	1.386464	.3417867	1.458015
#3	8.289869	22.21895	.2627686	.0107173	1.109580	.3443580	1.496133

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.981320	12.48012	.0063238	.0077703	2.740600	14.54540	.0560411
Stddev	.060893	.04450	.0013118	.0000665	.006626	.14231	.0016129
%RSD	.6779939	.3565774	20.74370	.8557984	.2417677	.9783843	2.878038

#1	9.014858	12.48906	.0048125	.0077442	2.738789	14.60526	.0578895
#2	9.018071	12.43183	.0069918	.0078459	2.735068	14.64800	.0553141
#3	8.911032	12.51948	.0071672	.0077208	2.747943	14.38294	.0549196

Sample Name: J5144-05 Acquired: 10/5/2018 16:26:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4B9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.604789	.0956768	.0913018
Stddev	.013105	.0006532	.0000935
%RSD	.5030950	.6826724	.1023805

#1	2.595091	.0963415	.0913957
#2	2.619698	.0950359	.0912088
#3	2.599580	.0956531	.0913009

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3646.790	5042.137	82458.93	7580.469	4810.886
Stddev	24.769	16.202	423.98	62.251	5.567
%RSD	.6791893	.3213349	.5141769	.8211980	.1157103

#1	3675.025	5028.383	82931.38	7593.261	4807.420
#2	3636.622	5038.030	82333.85	7512.816	4817.307
#3	3628.724	5059.997	82111.55	7635.331	4807.931

Sample Name: J5144-06 Acquired: 10/5/2018 16:30:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0520172	.0056231	2.486953	-.028546	-.000086	122.9325	1.529228
Stddev	.0019579	.0004637	.002265	.002626	.000535	.5867	.002724
%RSD	3.763969	8.245497	.0910583	9.198830	619.6727	.4772288	.1781516

#1	.0537579	.0051160	2.489388	-.027855	.000160	122.7602	1.529753
#2	.0498975	.0060253	2.484911	-.026335	.000281	123.5860	1.531651
#3	.0523961	.0057280	2.486559	-.031449	-.000700	122.4512	1.526279

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116383	.0122040	11.09715	1.731155	.1428626	.4300466	231.9208
Stddev	.0000925	.0000770	.15343	.001578	.0008138	.0029258	1.4858
%RSD	.7947969	.6312349	1.382622	.0911791	.5696386	.6803458	.6406376

#1	.0116688	.0122189	11.03848	1.729356	.1429301	.4326286	230.7885
#2	.0117117	.0121206	11.27126	1.732308	.1436405	.4306427	233.6032
#3	.0115344	.0122725	10.98171	1.731800	.1420171	.4268687	231.3708

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.366979	22.18900	.2659082	.0105930	1.240757	.3534103	1.475786
Stddev	.086681	.10209	.0003533	.0005490	.271772	.0025957	.016415
%RSD	1.035984	.4600715	.1328607	5.182272	21.90370	.7344709	1.112298

#1	8.320431	22.17011	.2660478	.0100214	1.011177	.3506638	1.494676
#2	8.466989	22.29920	.2661702	.0106416	1.540829	.3558228	1.464991
#3	8.313517	22.09767	.2655064	.0111161	1.170264	.3537444	1.467690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.992387	12.72000	.0054134	.0077308	2.791366	14.68006	.0563176
Stddev	.030087	.02688	.0015156	.0001927	.006172	.07801	.0018441
%RSD	.3345842	.2113414	27.99777	2.492345	.2210961	.5313677	3.274433

#1	8.957748	12.68915	.0070925	.0078983	2.797948	14.61232	.0562946
#2	9.007404	12.73247	.0050012	.0075202	2.790441	14.76534	.0544852
#3	9.012011	12.73839	.0041465	.0077739	2.785709	14.66250	.0581731

Sample Name: J5144-06 Acquired: 10/5/2018 16:30:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4B9D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.613256	.0968200	.0912319
Stddev	.014626	.0005703	.0002637
%RSD	.5596721	.5890092	.2890039

#1	2.619403	.0974765	.0911190
#2	2.623806	.0964474	.0910436
#3	2.596561	.0965361	.0915333

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3661.756	5063.417	82685.77	7660.250	4787.392
Stddev	25.949	15.488	103.23	39.752	10.026
%RSD	.7086599	.3058830	.1248451	.5189342	.2094206

#1	3635.500	5054.869	82722.57	7657.248	4775.851
#2	3662.380	5081.295	82569.18	7622.085	4792.372
#3	3687.387	5054.086	82765.55	7701.418	4793.953

Sample Name: J5144-07 Acquired: 10/5/2018 16:34:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1001572	.0997246	2.452935	.0386807	.1328221	124.7376	4.393111
Stddev	.0025495	.0016397	.002562	.0019923	.0011947	.7332	.018125
%RSD	2.545468	1.644252	.1044449	5.150511	.8994539	.5877899	.4125714

#1	.1027169	.0987379	2.455883	.0397004	.1317318	125.5777	4.414037
#2	.1001365	.0988185	2.451245	.0399566	.1340991	124.4084	4.382378
#3	.0976181	.1016174	2.451678	.0363850	.1326354	124.2268	4.382917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0774371	.1098816	11.38108	2.017407	1.139362	.7881802	233.6181
Stddev	.0004960	.0001465	.15014	.001243	.001193	.0081961	2.0074
%RSD	.6405570	.1333622	1.319178	.0616130	.1047319	1.039877	.8592639

#1	.0779889	.1100488	11.55334	2.016052	1.138095	.7974733	235.9244
#2	.0772942	.1098203	11.31184	2.018495	1.140464	.7819831	232.2635
#3	.0770282	.1097756	11.27806	2.017674	1.139528	.7850841	232.6665

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.236950	22.17908	1.267775	.0753457	1.249275	1.090948	2.181563
Stddev	.135122	.14501	.001437	.0001539	.231871	.007675	.023479
%RSD	1.462840	.6538238	.1133794	.2042376	18.56045	.7035142	1.076240

#1	9.390948	22.33962	1.266600	.0754579	1.149404	1.086527	2.168946
#2	9.181663	22.14003	1.269378	.0754089	1.084073	1.099811	2.208653
#3	9.138240	22.05759	1.267348	.0751702	1.514346	1.086507	2.167091

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.971738	12.45205	.0069393	.0075689	2.719990	14.38234	.0559088
Stddev	.032219	.00579	.0030752	.0001535	.002553	.06285	.0008502
%RSD	.3591142	.0464768	44.31635	2.027854	.0938452	.4370246	1.520782

#1	8.997844	12.44617	.0102418	.0075270	2.717087	14.45076	.0563292
#2	8.935730	12.45224	.0064180	.0074408	2.721882	14.36910	.0564669
#3	8.981639	12.45774	.0041580	.0077390	2.721001	14.32716	.0549302

Sample Name: J5144-07 Acquired: 10/5/2018 16:34:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B9S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.605897	.0950126	.0910177
Stddev	.024794	.0019463	.0003174
%RSD	.9514685	2.048449	.3486915

#1	2.634508	.0965949	.0911118
#2	2.592481	.0928393	.0906639
#3	2.590702	.0956036	.0912774

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3608.415	5017.730	81352.75	7557.854	4802.969
Stddev	15.099	5.289	222.12	32.037	7.038
%RSD	.4184266	.1054065	.2730323	.4238924	.1465399

#1	3620.855	5011.938	81500.90	7534.655	4795.855
#2	3591.617	5022.303	81097.36	7544.499	4803.123
#3	3612.774	5018.950	81459.99	7594.408	4809.929

Sample Name: J5144-05LX5 Acquired: 10/5/2018 16:38:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4B9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149007	.0045962	.4960860	-.006613	-.000793	32.53642	.4067444
Stddev	.0026584	.0003636	.0004710	.002666	.000942	.08173	.0002734
%RSD	17.84085	7.911348	.0949358	40.31446	118.8002	.2511960	.0672221

#1	.0160798	.0042933	.4961852	-.005092	-.001261	32.44637	.4069264
#2	.0118566	.0044957	.4964995	-.005057	-.001409	32.55698	.4064300
#3	.0167656	.0049994	.4955733	-.009692	.000291	32.60591	.4068768

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032596	.0018951	3.048668	.4771130	.0279846	.1143877	62.75571
Stddev	.0000626	.0000152	.043283	.0007350	.0003575	.0027126	.48891
%RSD	1.920092	.8025901	1.419747	.1540465	1.277582	2.371409	.7790753

#1	.0032285	.0018789	3.010973	.4768129	.0280765	.1174487	62.23349
#2	.0032186	.0019090	3.039093	.4765756	.0282872	.1134323	63.20257
#3	.0033316	.0018976	3.095937	.4779505	.0275901	.1122820	62.83106

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.293940	6.004582	.0549033	.0033701	.3669977	.0899988	.3798522
Stddev	.020277	.098624	.0002363	.0005875	.1330134	.0064003	.0116900
%RSD	.8839204	1.642473	.4303401	17.43335	36.24365	7.111523	3.077502

#1	2.270631	5.897457	.0551548	.0026918	.4881532	.0965653	.3757881
#2	2.307512	6.091608	.0546860	.0036989	.2246669	.0896523	.3930318
#3	2.303676	6.024681	.0548691	.0037196	.3881731	.0837788	.3707367

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.272948	2.565289	.0023672	.0026314	.5559837	4.041892	.0107113
Stddev	.015168	.002818	.0007729	.0002948	.0058218	.050469	.0005500
%RSD	.6673423	.1098578	32.64893	11.20431	1.047114	1.248659	5.134739

#1	2.289392	2.564146	.0024348	.0026423	.5538999	4.014568	.0103558
#2	2.259503	2.563222	.0031041	.0029206	.5625606	4.010976	.0113448
#3	2.269950	2.568499	.0015628	.0023313	.5514906	4.100132	.0104333

Sample Name: J5144-05LX5 Acquired: 10/5/2018 16:38:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4B9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6950987	.0227198	.0244823
Stddev	.0021188	.0013897	.0000723
%RSD	.3048244	6.116639	.2953056

#1	.6935705	.0211541	.0245442
#2	.6942082	.0238069	.0244998
#3	.6975175	.0231985	.0244029

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2811.017	3916.793	62342.35	5706.363	5034.743
Stddev	23.717	6.213	177.85	42.957	10.504
%RSD	.8437146	.1586262	.2852830	.7527961	.2086211

#1	2796.226	3923.329	62223.59	5706.381	5036.647
#2	2798.453	3916.086	62256.64	5749.311	5044.165
#3	2838.373	3910.964	62546.83	5663.396	5023.418

Sample Name: J5144-08 Acquired: 10/5/2018 16:42:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4C0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0387728	.0064500	1.325142	-.028490	.0028587	140.3337	1.531643
Stddev	.0029338	.0013917	.000835	.001821	.0019653	.5749	.003090
%RSD	7.566698	21.57732	.0629871	6.391617	68.74601	.4096754	.2017297

#1	.0372478	.0077134	1.325116	-.027378	.0009462	140.9926	1.533541
#2	.0421551	.0066783	1.325990	-.027500	.0048727	139.9339	1.533311
#3	.0369156	.0049582	1.324321	-.030591	.0027573	140.0746	1.528078

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124743	.0081841	7.685727	.9682613	.1565421	.2672332	250.9645
Stddev	.0001127	.0000988	.141491	.0028662	.0002104	.0030336	1.4870
%RSD	.9030839	1.207420	1.840958	.2960114	.1344188	1.135172	.5924970

#1	.0125295	.0082495	7.839235	.9689980	.1565916	.2704771	252.5492
#2	.0123447	.0080705	7.560537	.9650987	.1567234	.2644665	249.5998
#3	.0125488	.0082325	7.657408	.9706872	.1563114	.2667561	250.7445

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.610693	24.98838	.2850490	.0088935	1.374172	.3671060	.9772559
Stddev	.108927	.11171	.0006933	.0001279	.224463	.0045607	.0039455
%RSD	1.265022	.4470311	.2432202	1.437853	16.33439	1.242326	.4037319

#1	8.724858	25.11710	.2858161	.0089143	1.274116	.3692111	.9749064
#2	8.507895	24.93121	.2848639	.0087564	1.217137	.3618731	.9750502
#3	8.599324	24.91684	.2844671	.0090096	1.631263	.3702339	.9818109

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.839760	10.95261	.0014568	.0069350	1.821098	13.58410	.0350099
Stddev	.044346	.03923	.0043106	.0002864	.006410	.03829	.0013259
%RSD	.5016601	.3582122	295.8985	4.129577	.3520093	.2818906	3.787261

#1	8.889561	10.97740	.0062238	.0066606	1.815339	13.57609	.0344933
#2	8.825178	10.90738	.0003135	.0069123	1.819951	13.55044	.0340201
#3	8.804542	10.97305	-.002167	.0072321	1.828005	13.62576	.0365164

Sample Name: J5144-08 Acquired: 10/5/2018 16:42:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MCB4C0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.162450	.1050698	.0952851
Stddev	.012948	.0002461	.0001458
%RSD	.4094441	.2342092	.1530321

#1	3.175282	.1053023	.0953959
#2	3.149388	.1048121	.0953396
#3	3.162679	.1050952	.0951199

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3688.874	5118.577	82897.90	7666.650	4819.900
Stddev	15.774	11.130	221.66	22.229	12.597
%RSD	.4276043	.2174397	.2673904	.2899445	.2613475

#1	3676.905	5106.108	82700.86	7645.626	4806.312
#2	3682.968	5127.509	83137.90	7689.914	4831.189
#3	3706.748	5122.112	82854.96	7664.411	4822.198

Sample Name: J5144-09 Acquired: 10/5/2018 16:46:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4C1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008163	.0026281	.0234452	-.004570	-.023557	2.768361	.0442261
Stddev	.000986	.0009451	.0003282	.002693	.002087	.012754	.0007013
%RSD	12.08355	35.96162	1.399701	58.91777	8.858094	.4607201	1.585607

#1	-.009283	.0021008	.0235678	-.007669	-.021179	2.763373	.0444489
#2	-.007424	.0037192	.0230734	-.003247	-.025082	2.782855	.0447889
#3	-.007782	.0020643	.0236944	-.002796	-.024409	2.758854	.0434405

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007602	-.000723	3.573190	6.716336	.0195491	.0332865	75.51608
Stddev	.0000866	.000029	.044764	.027315	.0002712	.0017894	.46706
%RSD	11.39408	3.997154	1.252769	.4066939	1.387290	5.375711	.6184862

#1	.0006751	-.000724	3.537818	6.699999	.0192749	.0312313	74.98780
#2	.0007573	-.000694	3.623517	6.701138	.0198172	.0341300	75.87417
#3	.0008483	-.000752	3.558235	6.747869	.0195551	.0344983	75.68628

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5019423	2.038083	.0569625	.0013819	.5514423	.0234744	.1370942
Stddev	.0022030	.113308	.0002459	.0004524	.2517176	.0085743	.0185355
%RSD	.4388936	5.559531	.4317558	32.73733	45.64713	36.52610	13.52026

#1	.5022270	2.163128	.0568333	.0012660	.3943040	.0186373	.1529045
#2	.5039891	1.942221	.0572461	.0009988	.8417716	.0333743	.1416826
#3	.4996108	2.008900	.0568082	.0018811	.4182513	.0184117	.1166954

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4037315	.2011463	.0086996	.0032214	.3060108	3.143368	-.001043
Stddev	.0231286	.0015823	.0007281	.0001348	.0057440	.014702	.000619
%RSD	5.728718	.7866244	8.369435	4.185235	1.877043	.4677045	59.37826

#1	.4161083	.2024896	.0085636	.0033538	.3018066	3.134007	-.000363
#2	.4180381	.2015472	.0094861	.0030842	.3036704	3.135784	-.001190
#3	.3770481	.1994022	.0080490	.0032262	.3125555	3.160313	-.001576

Sample Name: J5144-09 Acquired: 10/5/2018 16:46:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4C1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1009419	-.005857	.0116138
Stddev	.0013131	.001337	.0001309
%RSD	1.300878	22.82977	1.126688

#1	.0998756	-.004457	.0114797
#2	.1005416	-.007122	.0116203
#3	.1024086	-.005993	.0117412

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2615.049	3627.158	58922.75	5347.920	5050.451
Stddev	35.122	6.422	397.00	2.448	14.374
%RSD	1.343059	.1770523	.6737671	.0457801	.2846031

#1	2577.166	3624.717	58486.60	5345.160	5048.670
#2	2621.453	3634.442	59263.07	5349.830	5065.632
#3	2646.528	3622.314	59018.58	5348.770	5037.050

Sample Name: J5144-10 Acquired: 10/5/2018 16:51:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4C2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0441676	.0069489	1.860705	-.044201	.0003169	170.8243	1.475433
Stddev	.0007441	.0030006	.004024	.002400	.0007605	.3989	.001969
%RSD	1.684613	43.18092	.2162422	5.428677	239.9509	.2335101	.1334500

#1	.0439440	.0104098	1.860755	-.046572	.0010607	170.8643	1.476556
#2	.0449978	.0050777	1.864703	-.041774	-.000459	170.4069	1.473160
#3	.0435610	.0053590	1.856656	-.044256	.000349	171.2016	1.476583

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123672	.0085758	24.50672	2.416268	.1861401	.3770575	369.4027
Stddev	.0001611	.0002380	.21257	.003569	.0004820	.0017989	.7320
%RSD	1.302473	2.775285	.8673998	.1476885	.2589339	.4771026	.1981500

#1	.0124589	.0083373	24.60835	2.413400	.1857849	.3782167	369.6201
#2	.0121812	.0088133	24.26241	2.415140	.1859467	.3779708	368.5867
#3	.0124615	.0085766	24.64939	2.420264	.1866888	.3749851	370.0014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.623510	39.68589	.3211682	.0111705	1.887872	.5292940	1.698920
Stddev	.039447	.05042	.0012392	.0002896	.203817	.0076352	.019374
%RSD	.5955609	.1270534	.3858385	2.592073	10.79610	1.442531	1.140347

#1	6.646047	39.73095	.3210212	.0108363	1.989590	.5219516	1.721191
#2	6.577961	39.63143	.3200090	.0113278	1.653216	.5371917	1.685958
#3	6.646521	39.69528	.3224743	.0113473	2.020809	.5287388	1.689610

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.04339	8.086901	.0090178	.0072235	2.014278	15.60185	.0882058
Stddev	.00888	.021611	.0073854	.0004629	.014161	.07712	.0006790
%RSD	.0521295	.2672311	81.89746	6.408722	.7030402	.4943296	.7697746

#1	17.04883	8.093482	.0159211	.0068376	2.008879	15.57456	.0889880
#2	17.03313	8.062764	.0099023	.0077368	2.003610	15.54208	.0877685
#3	17.04819	8.104455	.0012300	.0070962	2.030344	15.68891	.0878610

Sample Name: J5144-10 Acquired: 10/5/2018 16:51:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4C2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.516510	.1637347	.1470404
Stddev	.011326	.0012702	.0003493
%RSD	.2507740	.7757484	.2375607

#1	4.515194	.1626913	.1470529
#2	4.505899	.1651490	.1466850
#3	4.528436	.1633638	.1473833

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3078.530	4247.007	69660.46	6436.842	4732.591
Stddev	4.066	13.203	163.10	31.533	6.164
%RSD	.1320839	.3108663	.2341338	.4898868	.1302563

#1	3083.042	4241.951	69801.89	6438.431	4727.408
#2	3077.398	4261.991	69697.45	6467.550	4739.408
#3	3075.150	4237.080	69482.04	6404.544	4730.956

Sample Name: J5144-11 Acquired: 10/5/2018 16:55:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4C3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0461894	.0082929	1.943996	-.045960	.0002787	166.8285	1.474918
Stddev	.0011205	.0019402	.002355	.004233	.0011486	1.0581	.003181
%RSD	2.425941	23.39607	.1211485	9.210470	412.0526	.6342656	.2156686

#1	.0458852	.0095778	1.941853	-.041174	.0003268	167.7497	1.478582
#2	.0474306	.0060611	1.943617	-.047493	-.000893	167.0631	1.473311
#3	.0452524	.0092399	1.946518	-.049213	.001403	165.6728	1.472861

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124403	.0086295	24.71016	2.438979	.1869460	.3654194	373.4003
Stddev	.0000154	.0001389	.34763	.007677	.0005304	.0045935	4.5555
%RSD	.1237461	1.609612	1.406816	.3147481	.2837003	1.257050	1.220003

#1	.0124567	.0085660	24.98284	2.432500	.1866825	.3623541	377.8499
#2	.0124262	.0085337	24.82892	2.436980	.1865989	.3707008	373.6052
#3	.0124379	.0087888	24.31871	2.447458	.1875565	.3632034	368.7458

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.558450	39.49855	.3100086	.0111706	2.033181	.5346476	1.716867
Stddev	.125546	.55926	.0005056	.0004487	.238059	.0069313	.022574
%RSD	1.914260	1.415892	.1631089	4.016480	11.70870	1.296422	1.314865

#1	6.664956	40.12367	.3105579	.0115831	1.792017	.5397842	1.741837
#2	6.590367	39.32627	.3099053	.0106929	2.039519	.5373947	1.697903
#3	6.420026	39.04570	.3095626	.0112357	2.268008	.5267638	1.710860

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.86000	8.146417	-.002420	.0069833	2.033631	25.20321	.0808152
Stddev	.09824	.023085	.015636	.0000846	.002771	.06671	.0008075
%RSD	.5826880	.2833717	646.0269	1.211812	.1362757	.2646962	.9992433

#1	16.93462	8.148751	.012214	.0070310	2.035063	25.27669	.0811110
#2	16.89668	8.122254	-.000580	.0068856	2.030437	25.14645	.0799015
#3	16.74869	8.168246	-.018895	.0070333	2.035394	25.18649	.0814332

Sample Name: J5144-11 Acquired: 10/5/2018 16:55:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MCB4C3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.367284	.1588504	.1477312
Stddev	.030183	.0011185	.0004279
%RSD	.6911115	.7041076	.2896725

#1	4.397311	.1593632	.1477936
#2	4.367594	.1596206	.1481244
#3	4.336948	.1575675	.1472754

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3105.668	4311.080	70308.64	6499.543	4788.337
Stddev	9.725	1.480	101.48	38.886	2.118
%RSD	.3131247	.0343265	.1443299	.5982892	.0442329

#1	3095.166	4312.420	70286.25	6457.716	4789.655
#2	3114.361	4309.492	70220.23	6506.316	4789.462
#3	3107.478	4311.327	70419.44	6534.598	4785.894

Sample Name: CCV050 Acquired: 10/5/2018 16:58:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.794304	4.844824	24.65722	4.642296	4.812444	406.4818	9.936443
Stddev	.011414	.001744	.01919	.017335	.013220	1.3887	.010074
%RSD	.2380703	.0359974	.0778256	.3734242	.2747084	.3416486	.1013893

#1	4.807110	4.844809	24.67614	4.654230	4.822854	405.1418	9.929419
#2	4.790597	4.846575	24.63777	4.650247	4.816909	406.3889	9.931924
#3	4.785204	4.843087	24.65775	4.622411	4.797570	407.9146	9.947985

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4888486	2.484990	411.1212	15.11500	2.521860	14.92127	415.0231
Stddev	.0026268	.001192	2.5874	.06138	.004015	.01973	1.9073
%RSD	.5373469	.0479496	.6293474	.4061131	.1592033	.1322351	.4595539

#1	.4868724	2.484610	409.0940	15.18441	2.523885	14.90334	413.7626
#2	.4878438	2.484036	410.2341	15.09274	2.517236	14.91807	414.0894
#3	.4918294	2.486326	414.0354	15.06786	2.524459	14.94241	417.2173

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.93470	409.6775	2.515139	1.242812	406.9418	2.495713	14.93110
Stddev	.12383	1.9946	.004189	.001699	1.7757	.005498	.07879
%RSD	.8291414	.4868609	.1665352	.1366684	.4363459	.2203020	.5276768

#1	14.87557	407.8066	2.514796	1.244687	405.2174	2.501719	14.85481
#2	14.85152	409.4498	2.511132	1.241377	406.8434	2.494491	15.01217
#3	15.07701	411.7761	2.519488	1.242372	408.7647	2.490928	14.92630

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.4557	5.121938	4.868926	4.803133	5.054081	4.932739	4.977499
Stddev	.6944	.009045	.029530	.017239	.010006	.016439	.008716
%RSD	.4584938	.1765976	.6065046	.3589212	.1979839	.3332577	.1751044

#1	150.8525	5.123833	4.844043	4.818027	5.059627	4.915755	4.968534
#2	151.2998	5.112096	4.861177	4.807123	5.042530	4.933890	4.978022
#3	152.2148	5.129886	4.901558	4.784248	5.060086	4.948572	4.985942

Sample Name: CCV050 Acquired: 10/5/2018 16:58:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV050 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.957874	5.027869	4.985702
Stddev	.020773	.010909	.005206
%RSD	.4189854	.2169762	.1044093

#1	4.936973	5.015273	4.981199
#2	4.958133	5.034089	4.984506
#3	4.978516	5.034246	4.991402

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2272.483	3107.177	53692.54	4991.026	3986.368
Stddev	11.916	12.656	72.03	31.683	6.494
%RSD	.5243462	.4073076	.1341486	.6347931	.1629095

#1	2284.961	3095.856	53775.57	5016.553	3978.921
#2	2261.223	3104.834	53655.23	5000.958	3990.860
#3	2271.267	3120.840	53646.82	4955.568	3989.322

Sample Name: CCB050 Acquired: 10/5/2018 17:02:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB050 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001261	.0005815	.0003772	.0018776	-.000186	-.007360
Stddev	.0030591	.0013125	.0007106	.0028110	.000916	.010951
%RSD	2426.704	225.7099	188.3974	149.7125	491.2302	148.7855

#1	.0020030	.0014566	.0010168	-.001367	.000429	-.018115
#2	.0017791	.0012157	-.000388	.003417	.000251	.003777
#3	-.003404	-.000928	.000502	.003583	-.001239	-.007742

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000993	.0000344	.0000471	-.019567	-.000021	.0002912
Stddev	.000925	.0000091	.0000714	.020283	.000094	.0002448
%RSD	93.11782	26.53366	151.6531	103.6596	450.7255	84.05655

#1	-.000023	.0000404	-.000018	-.015245	-.000128	.0002303
#2	-.001093	.0000239	.000123	-.001793	.000052	.0005607
#3	-.001865	.0000388	.000037	-.041663	.000013	.0000827

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002374	.0259670	-.001561	.0262085	.0000073	.0006043
Stddev	.001415	.0044360	.001436	.0494660	.0001975	.0005879
%RSD	59.59328	17.08306	91.97921	188.7403	2717.993	97.28499

#1	-.000744	.0292293	-.002287	.0009911	-.000128	.0011684
#2	-.003096	.0277557	.000093	.0832012	.000234	-.000005
#3	-.003283	.0209159	-.002488	-.005567	-.000084	.000650

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040567	-.000980	.0006309	.1173698	-.001012	F .0127091
Stddev	.1108438	.012029	.0053419	.0495144	.001468	.0005041
%RSD	2732.360	1227.577	846.6565	42.18666	145.0612	3.966600

#1	.0489221	.006390	-.005536	.1654609	-.002225	.0132909
#2	-.122187	.005531	.003596	.0665453	-.001430	.0124358
#3	.085435	-.014861	.003833	.1201033	.000620	.0124006

Sample Name: CCB050 Acquired: 10/5/2018 17:02:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v679) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB050 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002544	-.007672	.0008568	-.000293	.0017398	.0012178
Stddev	.0001311	.003924	.0011186	.000859	.0018863	.0017563
%RSD	51.52389	51.14744	130.5510	293.1749	108.4225	144.2218

#1	.0004057	-.007383	.0015766	-.001223	-.000387	.0022345
#2	.0001758	-.011733	.0014258	-.000125	.002395	.0022290
#3	.0001817	-.003901	-.000432	.000470	.003211	-.000810

Elem	Sr4077
Units	ppm
Avg	-.000073
Stddev	.000039
%RSD	53.54740

#1	-.000117
#2	-.000062
#3	-.000041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2532.259	3572.285	56325.30	5151.053	5004.161
Stddev	4.547	7.680	96.83	25.054	3.517
%RSD	.1795448	.2149989	.1719209	.4863941	.0702808

#1	2527.183	3572.462	56256.53	5178.850	5003.402
#2	2535.957	3564.518	56436.04	5144.100	5007.996
#3	2533.637	3579.876	56283.34	5130.210	5001.086