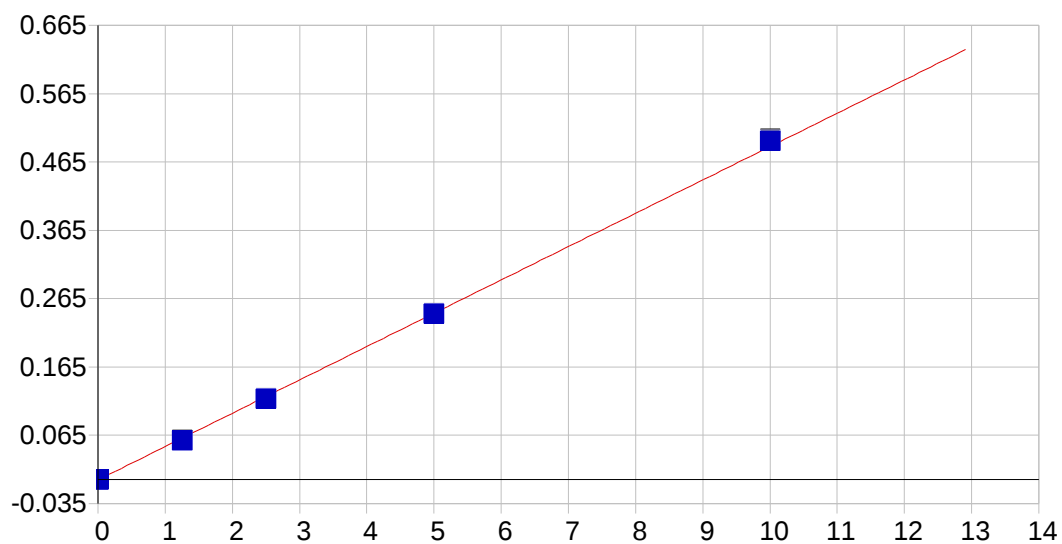


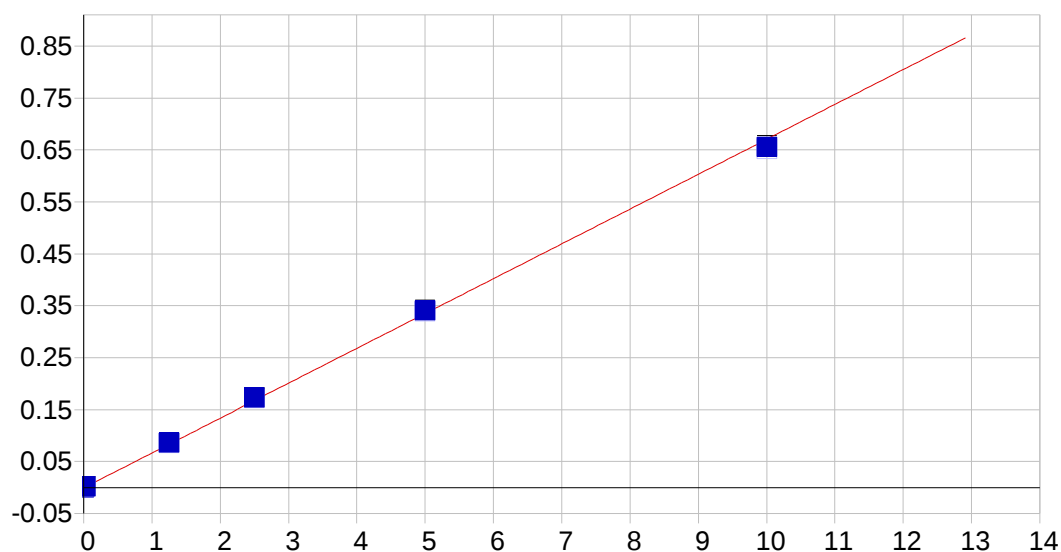


As 189.042 {479}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000207 Re-Slope: 1.000000
 A1 (Gain): 0.048771 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999788 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.003119
 Predicted MQL: 0.010396

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.01000	.00923	-.001	-7.68	.00024	.000	1
S2	1.2500	1.1828	-.067	-5.38	.05771	.000	1
S3	2.5000	2.4348	-.065	-2.61	.11901	.000	1
S4	5.0000	4.9749	-.025	-.502	.24336	.000	1
S5	10.000	10.158	.158	1.58	.49710	.002	1

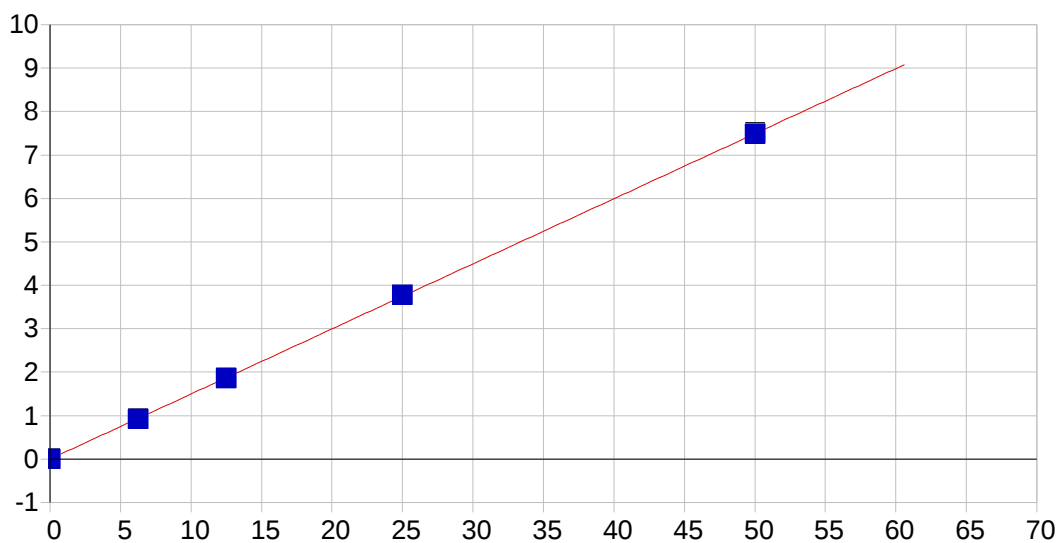


TI 190.856 {477}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000516 Re-Slope: 1.000000
 A1 (Gain): 0.067090 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999694 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.001864
 Predicted MQL: 0.006214

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00052	.000	1
S1	.02500	.03008	.005	20.3	.00148	.000	1
S2	1.2500	1.2858	.036	2.87	.08524	.000	1
S3	2.5000	2.5860	.086	3.44	.17197	.000	1
S4	5.0000	5.0901	.090	1.80	.33895	.001	1
S5	10.000	9.7830	-.217	-2.17	.65178	.003	1

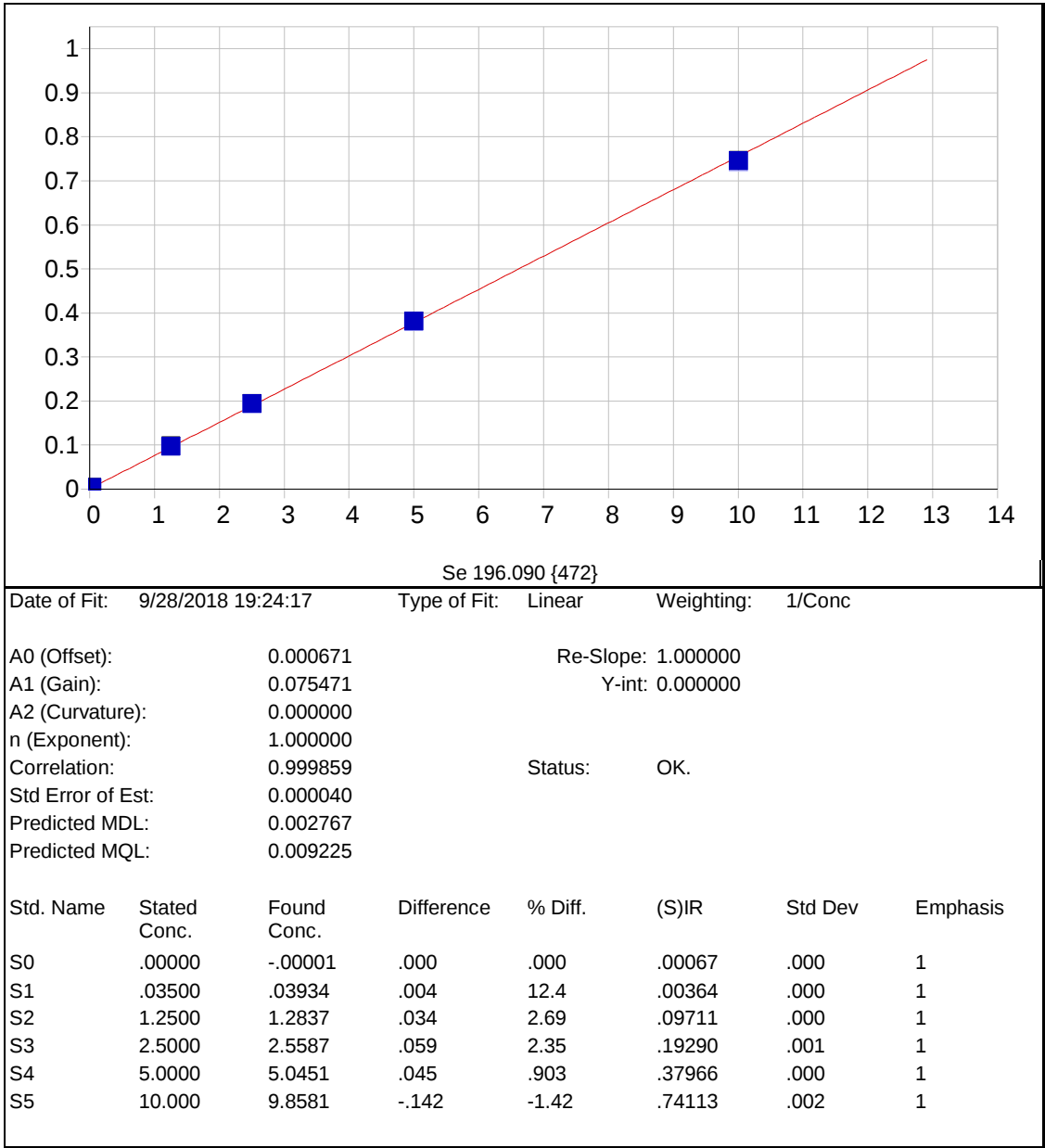


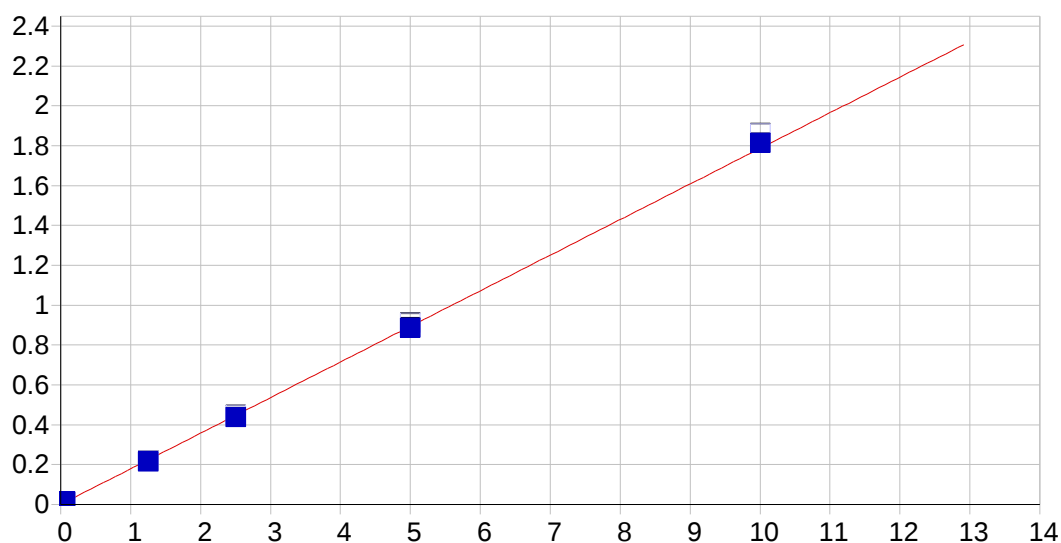
Pb 220.353 {453}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000331 Re-Slope: 1.000000
 A1 (Gain): 0.149833 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000043
 Predicted MDL: 0.001732
 Predicted MQL: 0.005773

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.01000	.01207	.002	20.7	.00149	.000	1
S2	6.2500	6.1261	-.124	-1.98	.91887	.001	1
S3	12.500	12.411	-.089	-.715	1.8618	.001	1
S4	25.000	25.219	.219	.878	3.7836	.004	1
S5	50.000	49.992	-.008	-.017	7.5005	.017	1



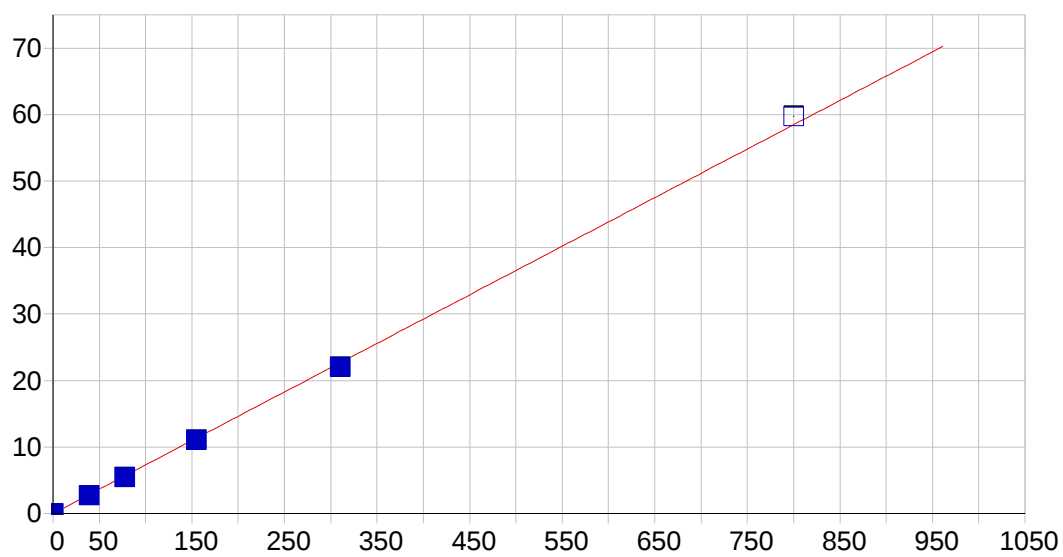


Sb 206.833 {463}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000605 Re-Slope: 1.000000
 A1 (Gain): 0.178655 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822 Status: OK.
 Std Error of Est: 0.000142
 Predicted MDL: 0.001472
 Predicted MQL: 0.004906

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00060	.000	1
S1	.06000	.06798	.008	13.3	.01275	.000	1
S2	1.2500	1.1994	-.051	-4.05	.22096	.001	1
S3	2.5000	2.4389	-.061	-2.44	.44849	.001	1
S4	5.0000	4.9588	-.041	-.825	.91084	.002	1
S5	10.000	10.145	.145	1.45	1.8617	.001	1

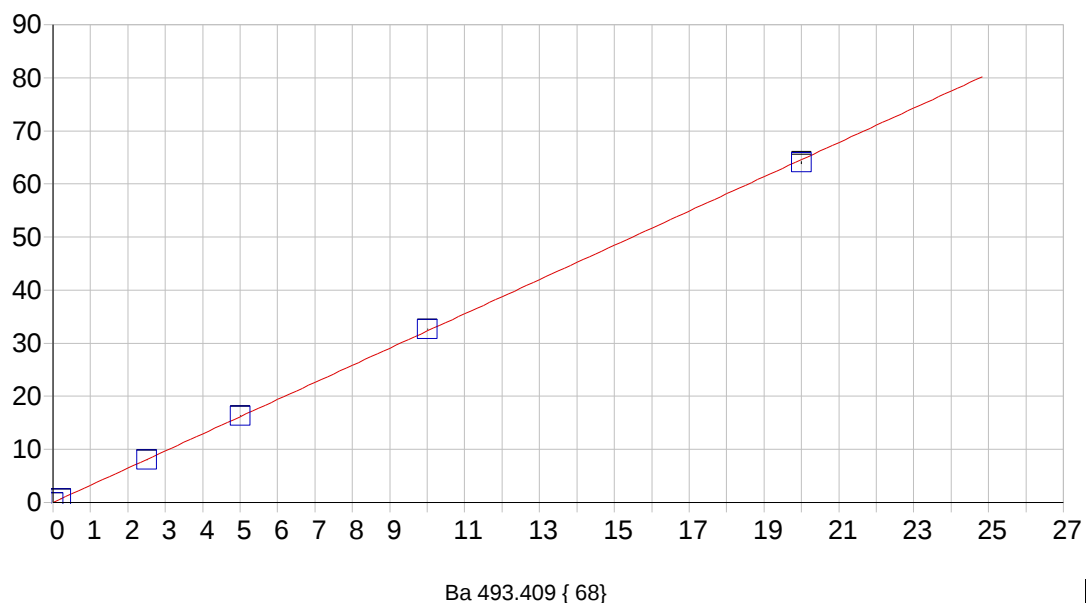


AI 396.152 { 85}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004100 Re-Slope: 1.000000
 A1 (Gain): 0.073080 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999677 Status: OK.
 Std Error of Est: 0.001155
 Predicted MDL: 0.014483
 Predicted MQL: 0.048278

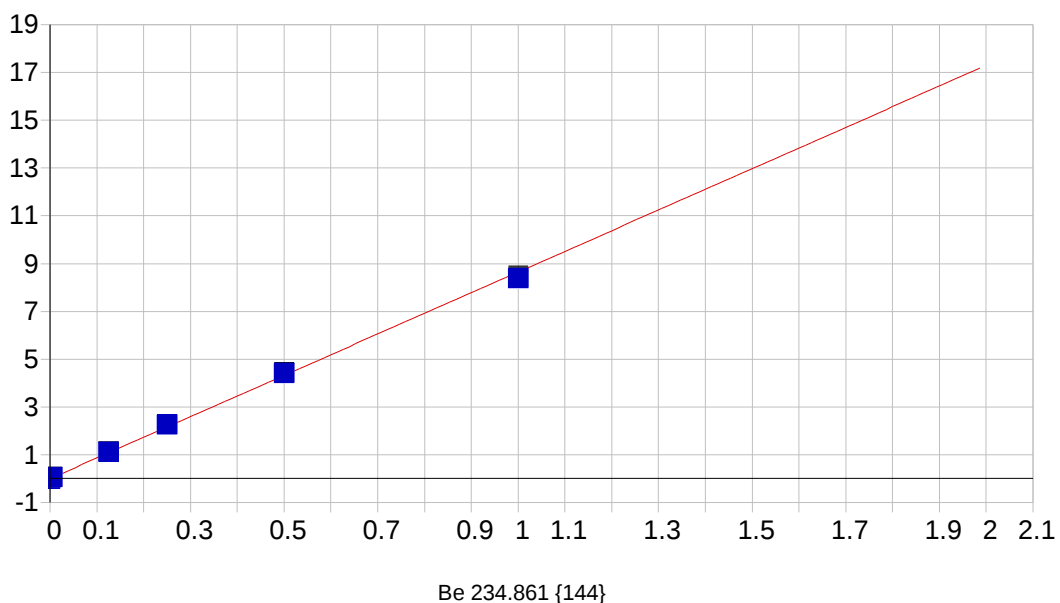
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00410	.001	1
S1	.20000	.21606	.016	8.03	.01991	.001	1
S2	38.750	37.275	-1.48	-3.81	2.7308	.012	1
S3	77.500	74.682	-2.82	-3.64	5.4671	.011	1
S4	155.00	150.98	-4.02	-2.59	11.048	.013	1
S5	310.00	301.07	-8.93	-2.88	22.027	.027	1
S6	800.00	817.25	17.2	2.16	59.729	.079	1



Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016275 Re-Slope: 1.000000
 A1 (Gain): 3.228385 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999889 Status: OK.
 Std Error of Est: 0.005101
 Predicted MDL: 0.000988
 Predicted MQL: 0.003295

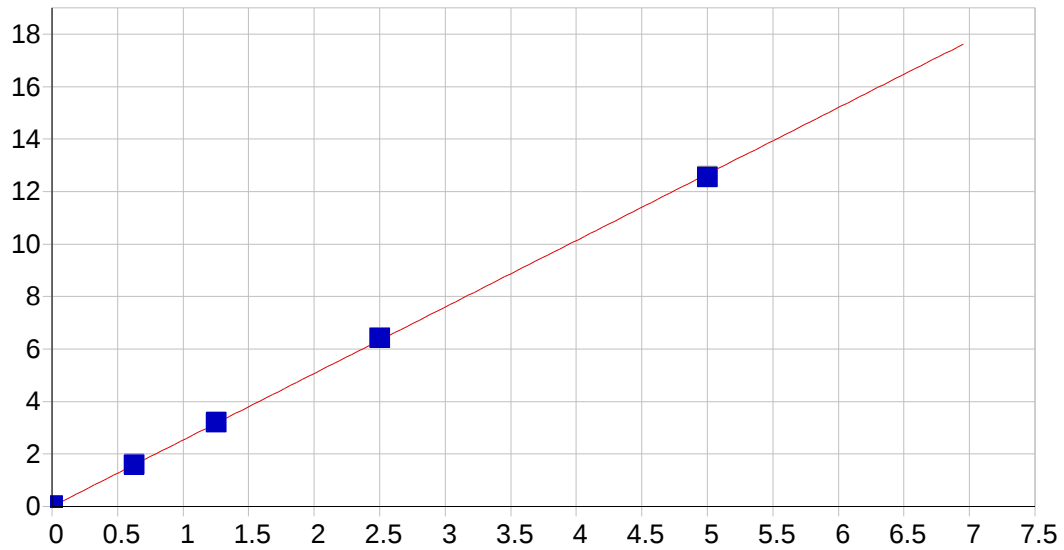
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.01617	.001	1
S1	.20000	.23290	.033	16.5	.76817	.005	1
S2	2.5000	2.4834	-.017	-.663	8.0337	.018	1
S3	5.0000	5.0498	.050	.996	16.319	.037	1
S4	10.000	10.098	.098	.981	32.617	.007	1
S5	20.000	19.836	-.164	-.821	64.054	.264	1



Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003561 Re-Slope: 1.000000
 A1 (Gain): 8.650407 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999446 Status: OK.
 Std Error of Est: 0.001076
 Predicted MDL: 0.000063
 Predicted MQL: 0.000211

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00357	.000	1
S1	.00500	.00592	.001	18.3	.04757	.001	1
S2	.12500	.13000	.005	4.00	1.1163	.005	1
S3	.25000	.26153	.012	4.61	2.2494	.005	1
S4	.50000	.51210	.012	2.42	4.4074	.022	1
S5	1.0000	.97045	-.030	-2.96	8.3534	.084	1

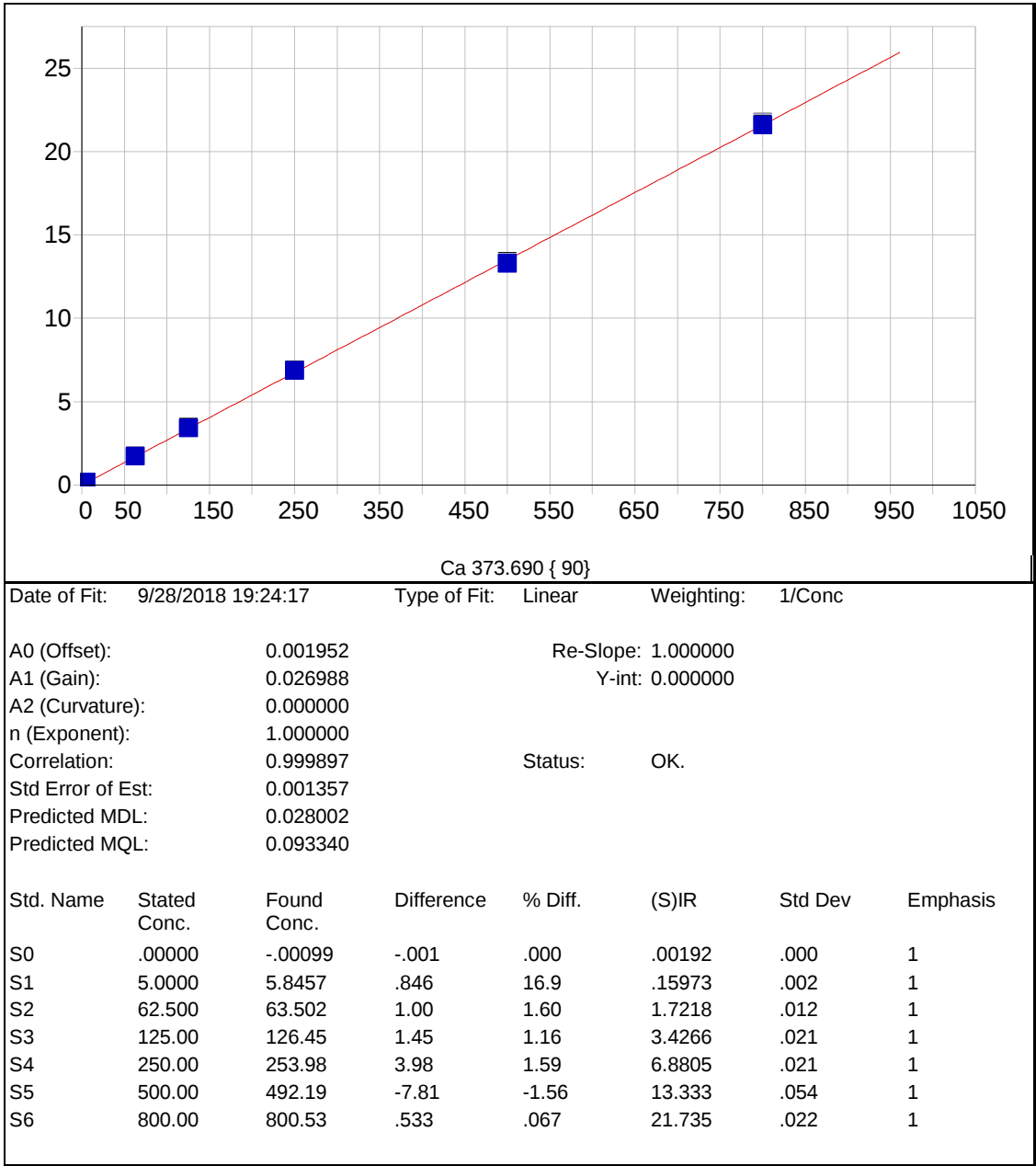


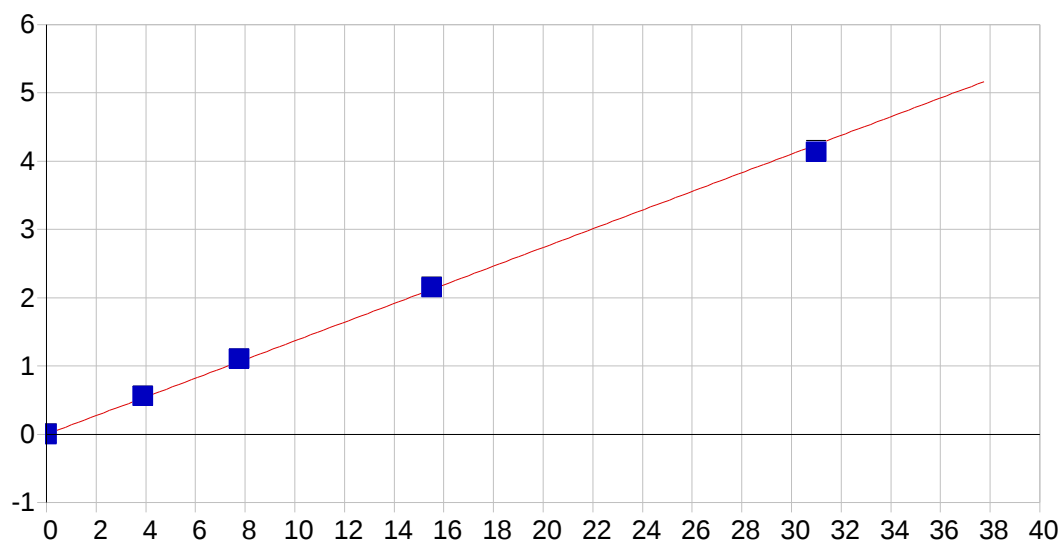
Cd 214.438 {457}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000504 Re-Slope: 1.000000
 A1 (Gain): 2.533381 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999928 Status: OK.
 Std Error of Est: 0.000255
 Predicted MDL: 0.000081
 Predicted MQL: 0.000269

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00050	.000	1
S1	.00500	.00592	.001	18.4	.01552	.000	1
S2	.62500	.63035	.005	.856	1.6007	.004	1
S3	1.2500	1.2646	.015	1.17	3.2107	.002	1
S4	2.5000	2.5319	.032	1.28	6.4278	.007	1
S5	5.0000	4.9472	-.053	-1.06	12.560	.014	1



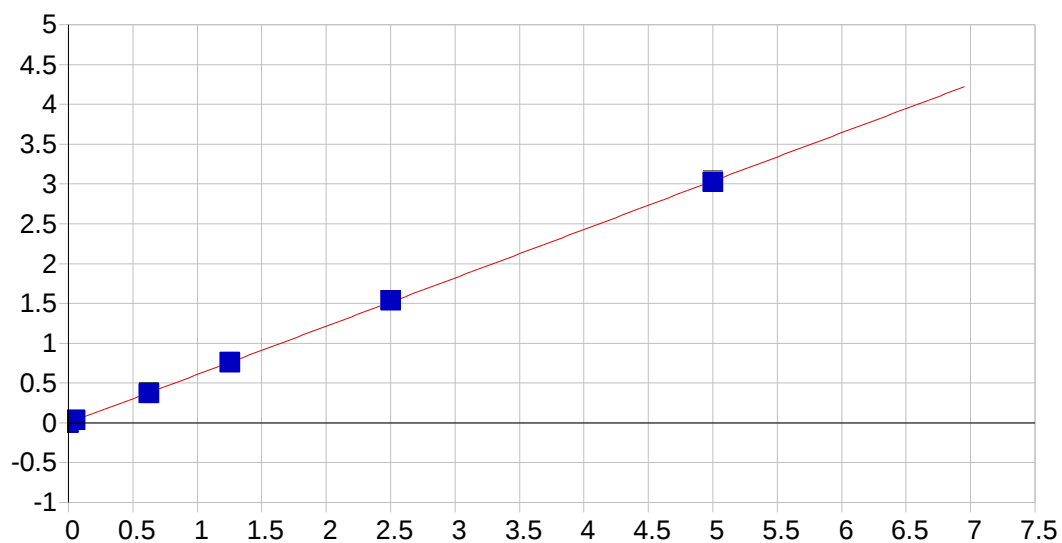


Cr 267.716 {126}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000036 Re-Slope: 1.000000
 A1 (Gain): 0.136837 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999609 Status: OK.
 Std Error of Est: 0.000113
 Predicted MDL: 0.000535
 Predicted MQL: 0.001783

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.01000	.01332	.003	33.2	.00179	.000	1
S2	3.8750	4.0643	.189	4.89	.55705	.002	1
S3	7.7500	8.0722	.322	4.16	1.1064	.001	1
S4	15.500	15.738	.238	1.53	2.1572	.004	1
S5	31.000	30.247	-.753	-2.43	4.1464	.014	1

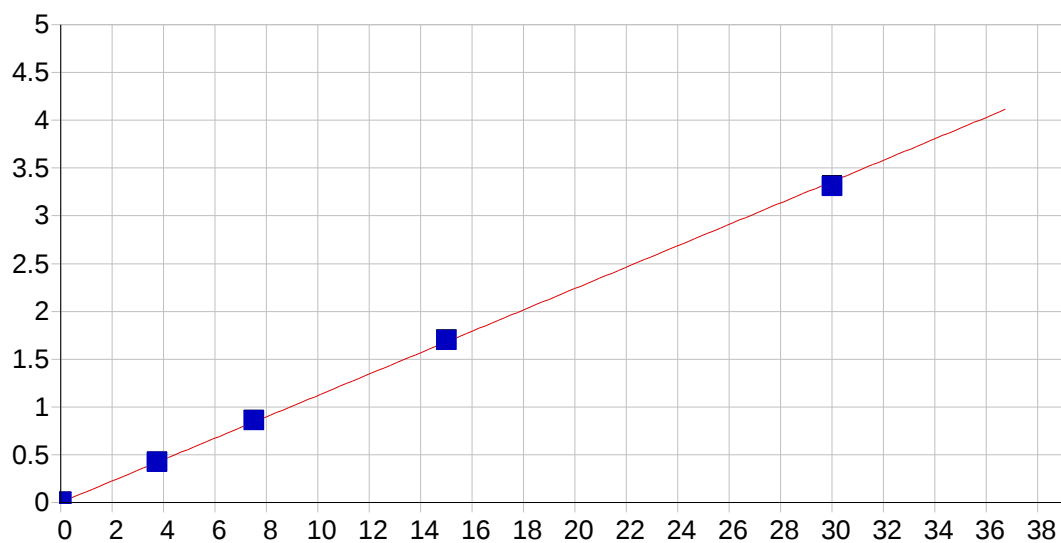


Co 228.616 {448}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000076 Re-Slope: 1.000000
 A1 (Gain): 0.607047 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999940 Status: OK.
 Std Error of Est: 0.000177
 Predicted MDL: 0.000288
 Predicted MQL: 0.000961

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00007	.000	1
S1	.05000	.05586	.006	11.7	.03410	.000	1
S2	.62500	.61463	-.010	-1.66	.37394	.001	1
S3	1.2500	1.2483	-.002	-.137	.75935	.001	1
S4	2.5000	2.5231	.023	.925	1.5347	.002	1
S5	5.0000	4.9831	-.017	-.338	3.0311	.009	1

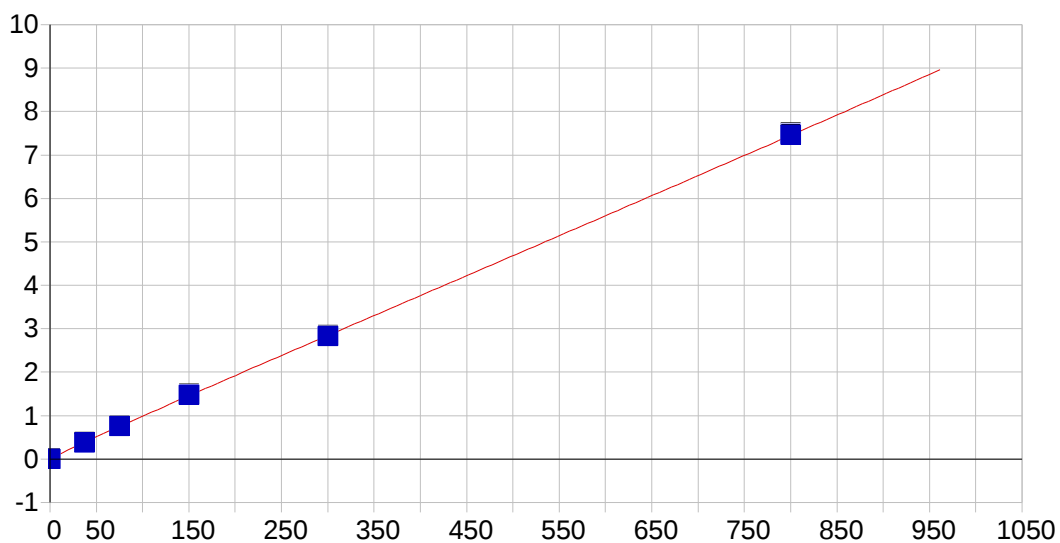


Cu 324.754 {104}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000920 Re-Slope: 1.000000
 A1 (Gain): 0.111901 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877 Status: OK.
 Std Error of Est: 0.000081
 Predicted MDL: 0.004784
 Predicted MQL: 0.015945

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00092	.000	1
S1	.02500	.02963	.005	18.5	.00423	.000	1
S2	3.7500	3.8020	.052	1.39	.42611	.002	1
S3	7.5000	7.6639	.164	2.19	.85800	.003	1
S4	15.000	15.202	.202	1.35	1.7010	.001	1
S5	30.000	29.577	-.423	-1.41	3.3086	.010	1

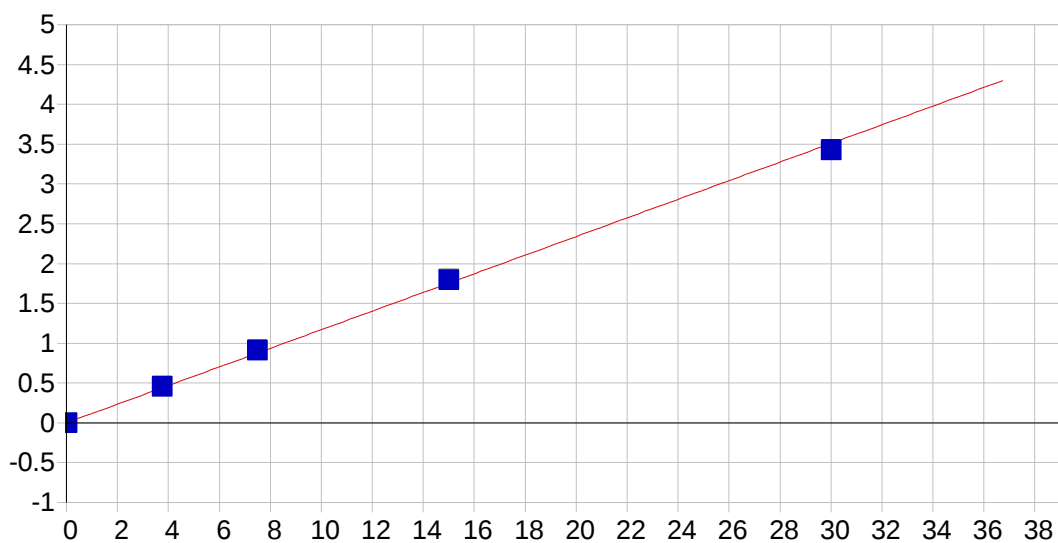


Fe 259.837 {130}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000095 Re-Slope: 1.000000
 A1 (Gain): 0.012343 Y-int: 0.000000
 A2 (Curvature): 0.000001
 n (Exponent): 0.950000
 Correlation: 0.999973 Status: Warning Positive Curvature
 Std Error of Est: 0.000039
 Predicted MDL: 0.019501
 Predicted MQL: 0.065004

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.10000	.10717	.007	7.17	.00160	.000	1
S2	37.500	36.788	-.712	-1.90	.38285	.000	1
S3	75.000	74.974	-.026	-.035	.75504	.002	1
S4	150.00	152.57	2.57	1.71	1.4910	.007	1
S5	300.00	297.80	-2.20	-.734	2.8433	.012	1
S6	800.00	800.38	.381	.048	7.5017	.013	1

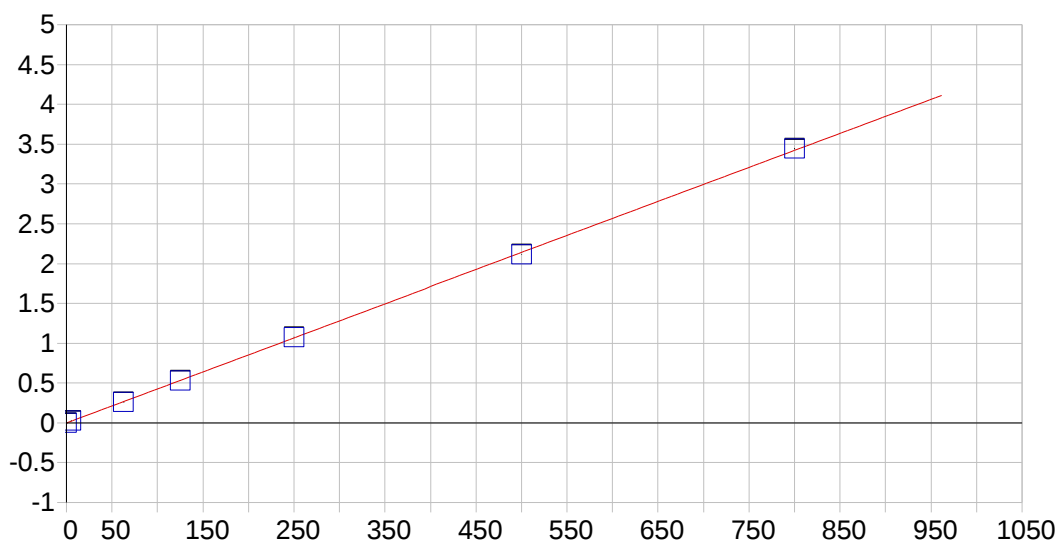


Mn 257.610 {131}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000014 Re-Slope: 1.000000
 A1 (Gain): 0.116973 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999628 Status: OK.
 Std Error of Est: 0.000114
 Predicted MDL: 0.001778
 Predicted MQL: 0.005926

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01500	.01826	.003	21.7	.00212	.000	1
S2	3.7500	3.8790	.129	3.44	.45382	.003	1
S3	7.5000	7.7586	.259	3.45	.90773	.006	1
S4	15.000	15.364	.364	2.43	1.7976	.004	1
S5	30.000	29.245	-.755	-2.52	3.4216	.011	1

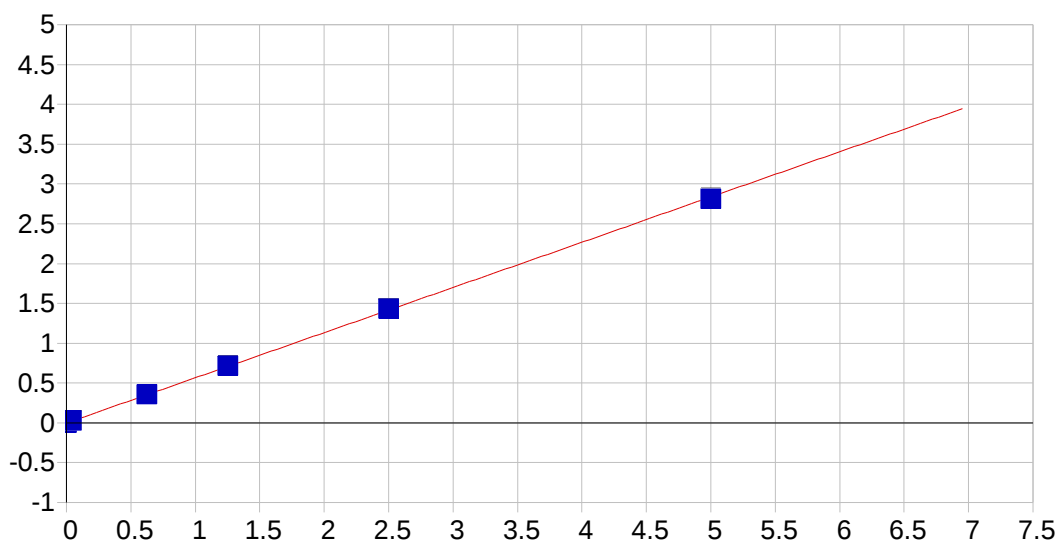


Mg 279.079 {121}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000136 Re-Slope: 1.000000
 A1 (Gain): 0.004276 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000161
 Predicted MDL: 0.068829
 Predicted MQL: 0.229430

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00051	-.001	.000	-.00014	.000	1
S1	5.0000	5.6214	.621	12.4	.02390	.000	1
S2	62.500	61.498	-1.00	-1.60	.26283	.000	1
S3	125.00	123.98	-1.02	-.817	.52999	.003	1
S4	250.00	251.57	1.57	.628	1.0756	.003	1
S5	500.00	494.67	-5.33	-1.07	2.1151	.004	1
S6	800.00	805.16	5.16	.645	3.4427	.006	1

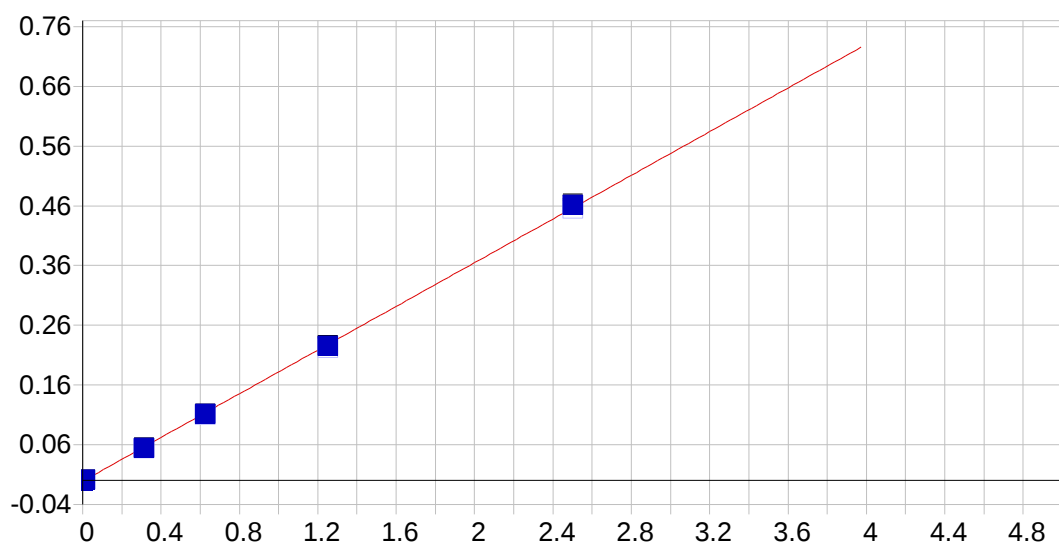


Ni 231.604 {446}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001617 Re-Slope: 1.000000
 A1 (Gain): 0.567513 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999890 Status: OK.
 Std Error of Est: 0.000200
 Predicted MDL: 0.000401
 Predicted MQL: 0.001336

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00162	.000	1
S1	.04000	.04760	.008	19.0	.02541	.000	1
S2	.62500	.62640	.001	.224	.35460	.001	1
S3	1.2500	1.2603	.010	.826	.71509	.001	1
S4	2.5000	2.5220	.022	.881	1.4326	.002	1
S5	5.0000	4.9587	-.041	-.827	2.8183	.006	1

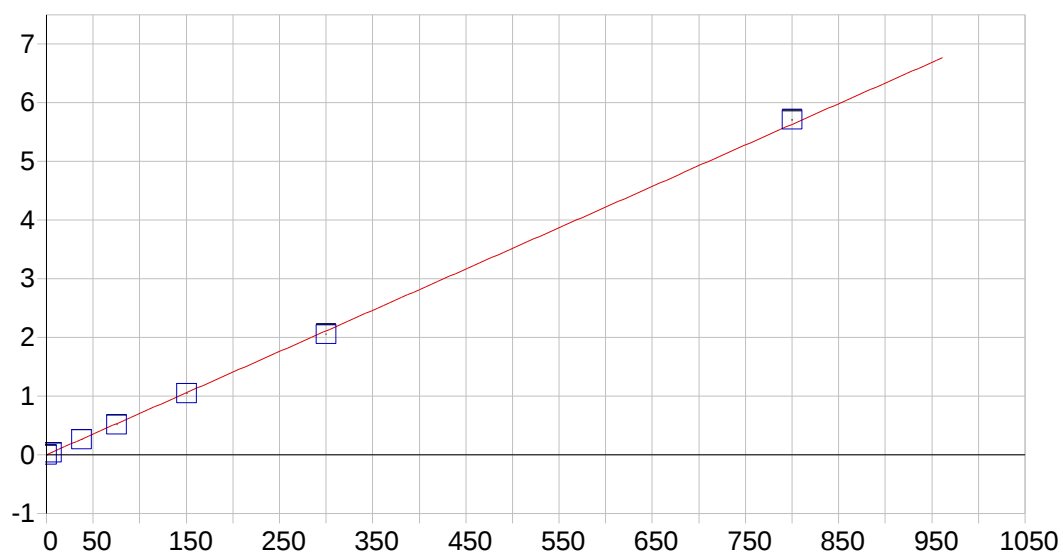


Ag 328.068 {103}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000904 Re-Slope: 1.000000
 A1 (Gain): 0.182839 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999852 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.000562
 Predicted MQL: 0.001872

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00090	.000	1
S1	.01000	.01195	.002	19.5	.00127	.000	1
S2	.31250	.30318	-.009	-2.98	.05366	.000	1
S3	.62500	.61304	-.012	-1.91	.10944	.000	1
S4	1.2500	1.2391	-.011	-.876	.22216	.001	1
S5	2.5000	2.5303	.030	1.21	.45477	.001	1



Na 818.326 { 41}

Date of Fit: 9/28/2018 19:24:17

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001480

Re-Slope: 1.000000

A1 (Gain): 0.007039

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999826

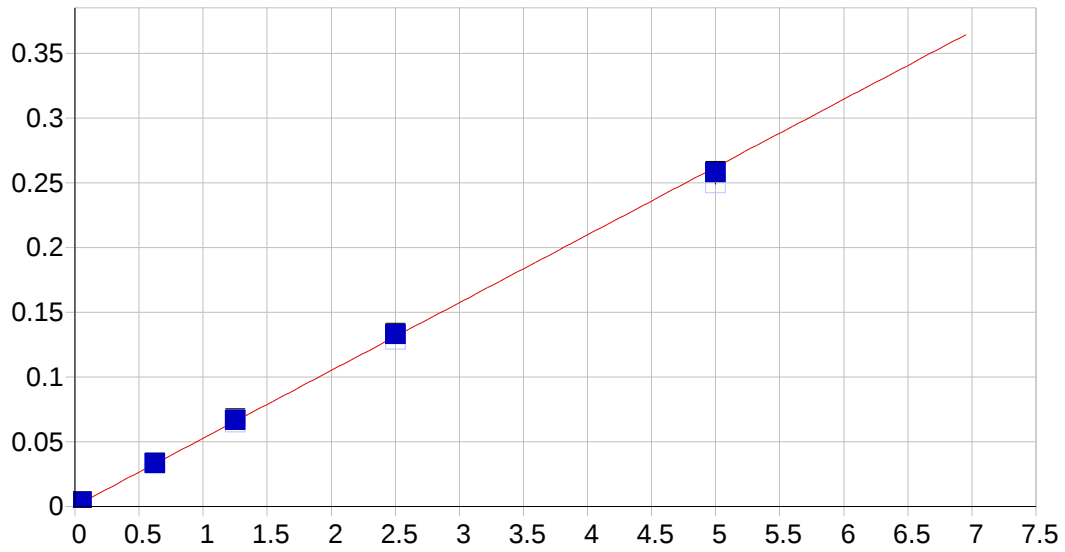
Status: OK.

Std Error of Est: 0.000406

Predicted MDL: 0.322207

Predicted MQL: 1.074024

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	.000	.000	.00148	.003	1
S1	5.0000	5.4356	.436	8.71	.03974	.001	1
S2	37.500	36.956	-.544	-1.45	.26160	.003	1
S3	75.000	73.409	-1.59	-2.12	.51819	.001	1
S4	150.00	148.19	-1.81	-1.21	1.0445	.001	1
S5	300.00	292.07	-7.93	-2.64	2.0573	.008	1
S6	800.00	811.45	11.4	1.43	5.7130	.014	1



V 292.402 {115}

Date of Fit: 9/28/2018 19:24:17

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000315

Re-Slope: 1.000000

A1 (Gain): 0.052349

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999719

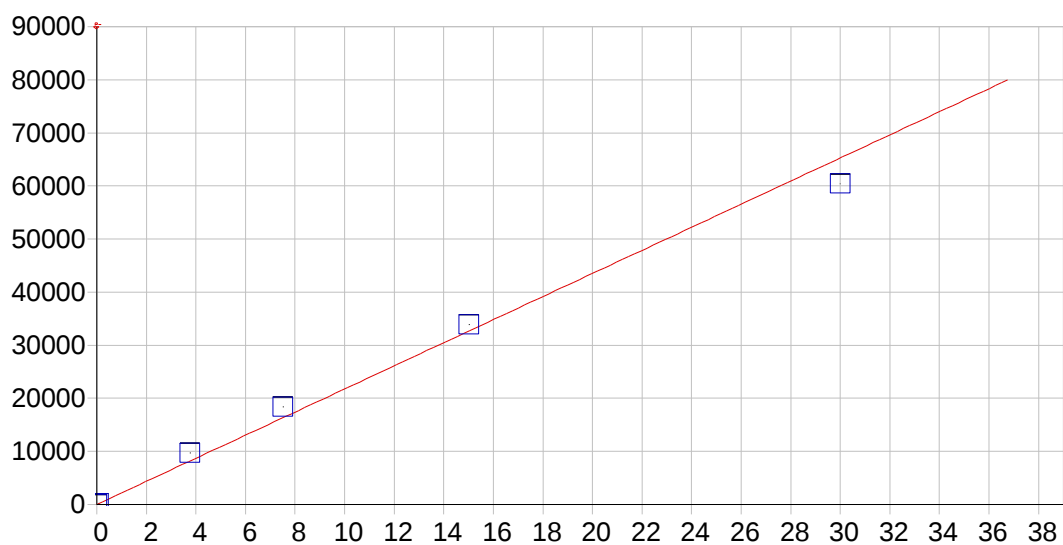
Status: OK.

Std Error of Est: 0.000032

Predicted MDL: 0.006915

Predicted MQL: 0.023051

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00031	.000	1
S1	.05000	.06141	.011	22.8	.00353	.000	1
S2	.62500	.63431	.009	1.49	.03244	.000	1
S3	1.2500	1.2761	.026	2.09	.06496	.001	1
S4	2.5000	2.5322	.032	1.29	.12856	.001	1
S5	5.0000	4.9206	-.079	-1.59	.24927	.001	1

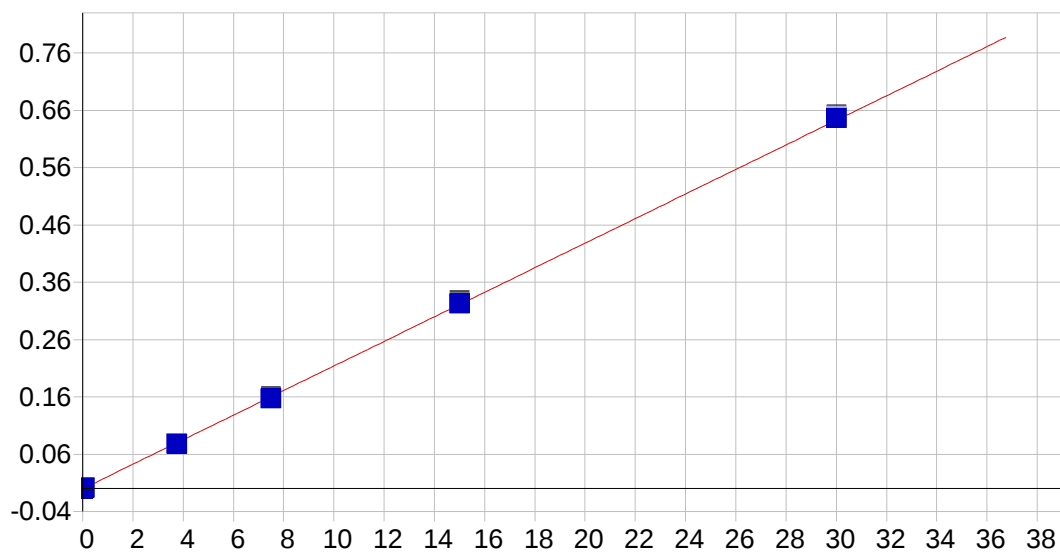


Zn 206.200 {464}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3.804128 Re-Slope: 1.000000
 A1 (Gain): 2175.719808 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.996043 Status: OK.
 Std Error of Est: 13.811820
 Predicted MDL: 0.000289
 Predicted MQL: 0.000962

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	.000	.000	3.7042	.079	1
S1	.06000	.08948	.029	49.1	198.49	1.41	1
S2	3.7500	4.4467	.697	18.6	9678.6	3.54	1
S3	7.5000	8.4394	.939	12.5	18365.	10.1	1
S4	15.000	15.563	.563	3.75	33864.	22.3	1
S5	30.000	27.772	-2.23	-7.43	60427.	42.7	1

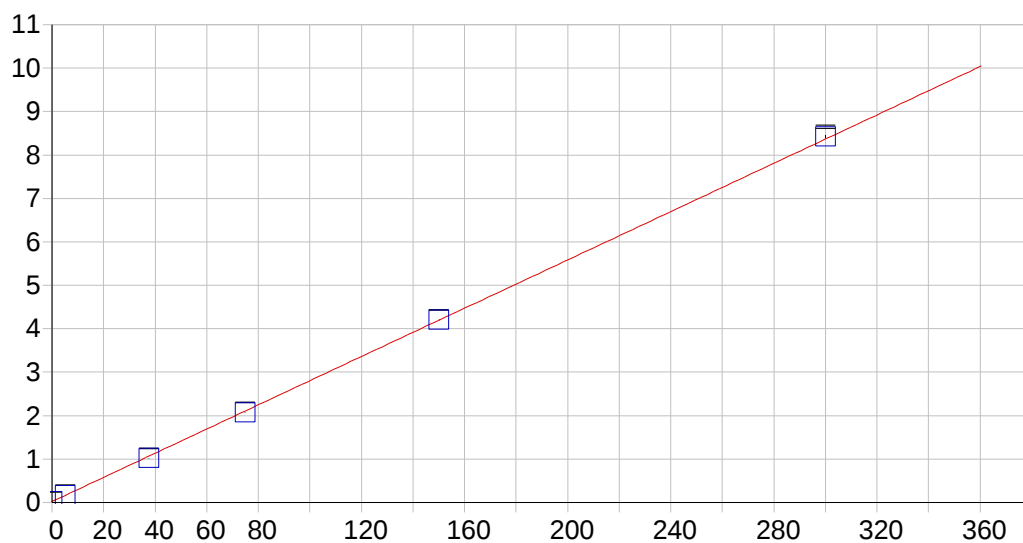


Zn 213.856 {158}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000409 Re-Slope: 1.000000
 A1 (Gain): 0.021428 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 0.014136
 Predicted MQL: 0.047119

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00041	.000	1
S1	.06000	.06459	.005	7.64	.00098	.000	1
S2	3.7500	3.6509	-.099	-2.64	.07820	.001	1
S3	7.5000	7.3677	-.132	-1.76	.15823	.001	1
S4	15.000	15.071	.071	.473	.32405	.003	1
S5	30.000	30.156	.156	.519	.64881	.004	1



K 769.896 { 44}

Date of Fit: 9/28/2018 19:24:17

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.020012

Re-Slope: 1.000000

A1 (Gain): 0.027826

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999884

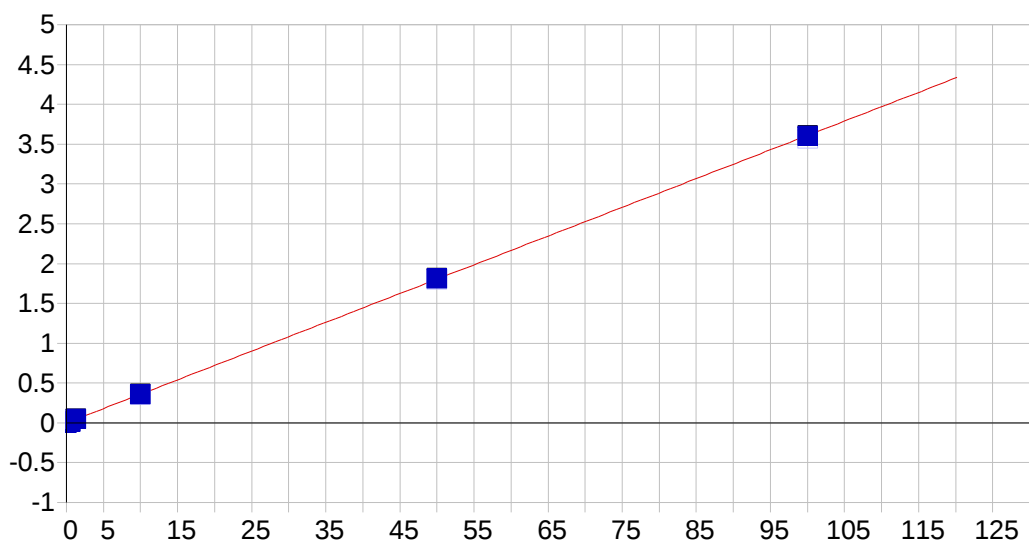
Status: OK.

Std Error of Est: 0.000872

Predicted MDL: 0.073254

Predicted MQL: 0.244179

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	.000	.000	.02001	.003	1
S1	5.0000	5.3712	.371	7.42	.16947	.002	1
S2	37.500	35.861	-1.64	-4.37	1.0179	.004	1
S3	75.000	73.851	-1.15	-1.53	2.0750	.006	1
S4	150.00	150.42	.425	.283	4.2058	.005	1
S5	300.00	301.99	1.99	.664	8.4233	.042	1

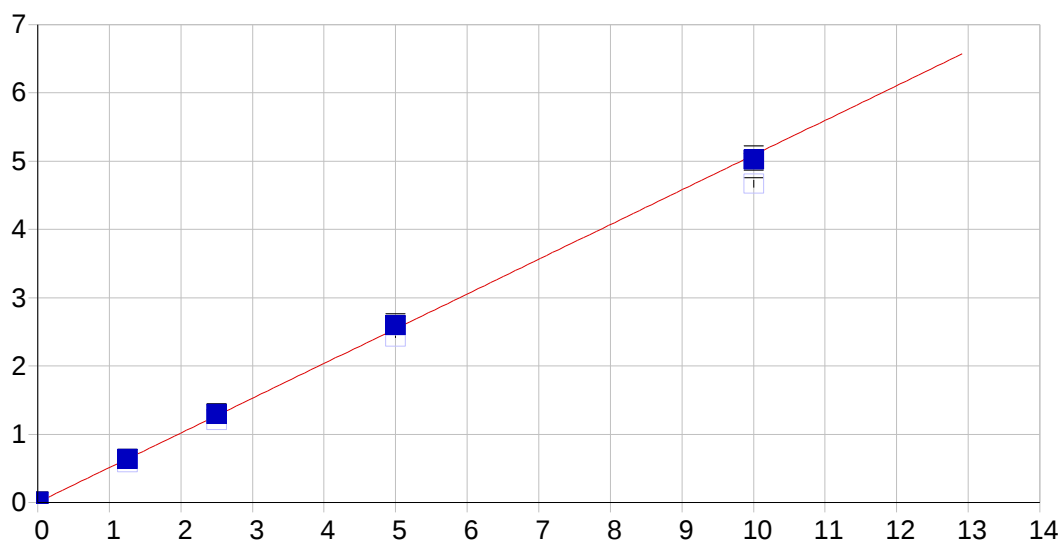


P 177.495 {490}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000958 Re-Slope: 1.000000
 A1 (Gain): 0.036096 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999901 Status: OK.
 Std Error of Est: 0.000175
 Predicted MDL: 0.002660
 Predicted MQL: 0.008867

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00096	.000	1
S1	.50000	.41793	-.082	-16.4	.01410	.000	1
S2	1.2500	1.3919	.142	11.4	.04550	.000	1
S3	10.000	9.9975	-.003	-.025	.35234	.001	1
S4	50.000	50.235	.235	.471	1.7972	.003	1
S5	100.00	99.719	-.281	-.281	3.5682	.013	1

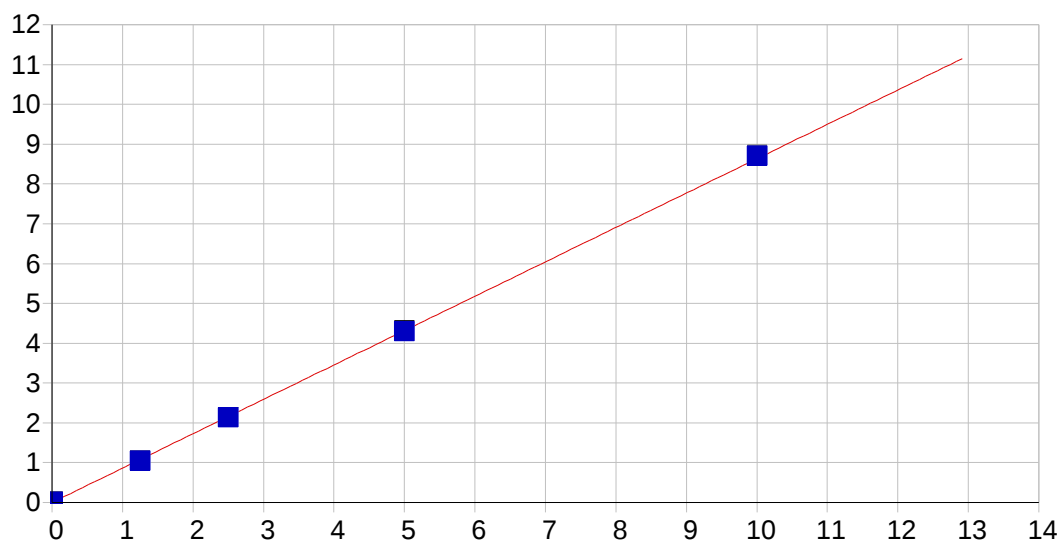


B 249.678 {135}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001223 Re-Slope: 1.000000
 A1 (Gain): 0.508805 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999850 Status: OK.
 Std Error of Est: 0.000138
 Predicted MDL: 0.001085
 Predicted MQL: 0.003617

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00122	.001	1
S1	.01000	.01087	.001	8.74	.00667	.000	1
S2	1.2500	1.2381	-.012	-.951	.58767	.003	1
S3	2.5000	2.5403	.040	1.61	1.2067	.006	1
S4	5.0000	5.1055	.106	2.11	2.4249	.018	1
S5	10.000	9.8652	-.135	-1.35	4.6726	.057	1

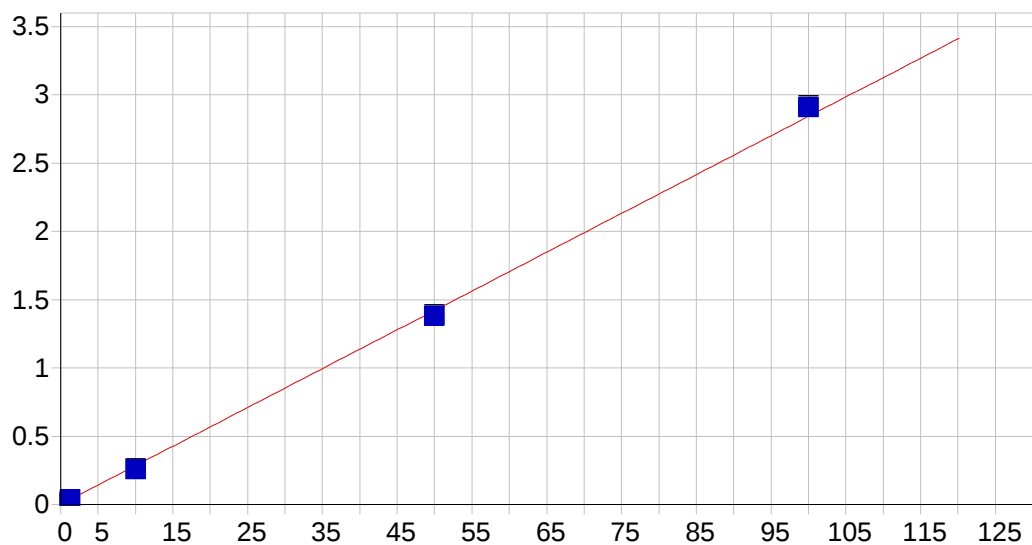


Mo 202.030 {467}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000457 Re-Slope: 1.000000
 A1 (Gain): 0.863313 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999937 Status: OK.
 Std Error of Est: 0.000162
 Predicted MDL: 0.000269
 Predicted MQL: 0.000897

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00046	.000	1
S1	.01000	.01161	.002	16.1	.01047	.000	1
S2	1.2500	1.2170	-.033	-2.64	1.0511	.001	1
S3	2.5000	2.4660	-.034	-1.36	2.1293	.000	1
S4	5.0000	4.9816	-.018	-.368	4.3009	.010	1
S5	10.000	10.084	.084	.838	8.7056	.014	1



S 182.034 {485}

Date of Fit: 9/28/2018 19:24:17

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000244

Re-Slope: 1.000000

A1 (Gain): 0.028420

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999405

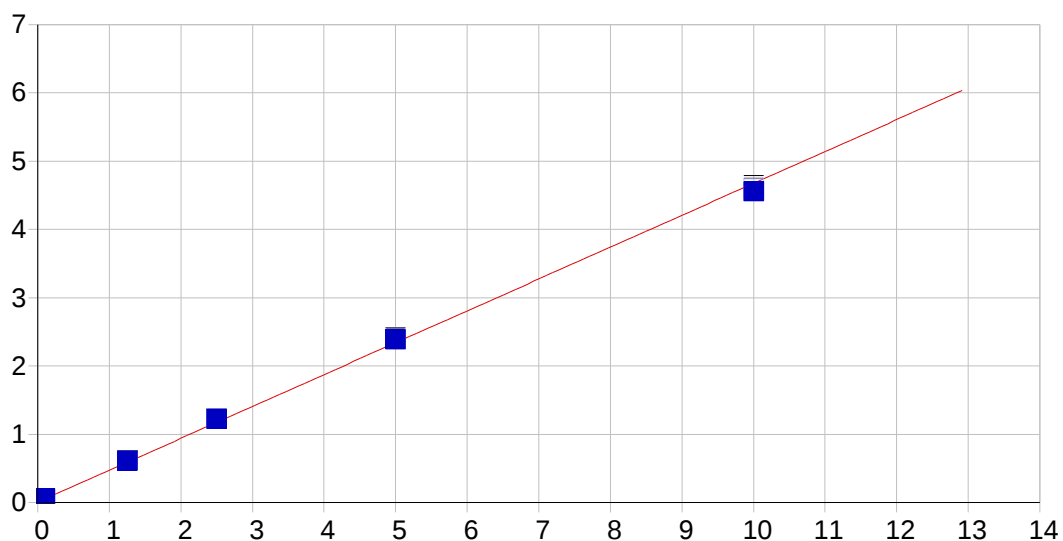
Status: OK.

Std Error of Est: 0.000341

Predicted MDL: 0.003750

Predicted MQL: 0.012501

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00015	.000	.000	.00025	.000	1
S1	.50000	.41045	-.090	-17.9	.01191	.000	1
S2	1.2500	1.2055	-.044	-3.56	.03452	.000	1
S3	10.000	9.0854	-.915	-9.15	.25848	.001	1
S4	50.000	48.677	-1.32	-2.65	1.3837	.005	1
S5	100.00	102.37	2.37	2.37	2.9097	.011	1

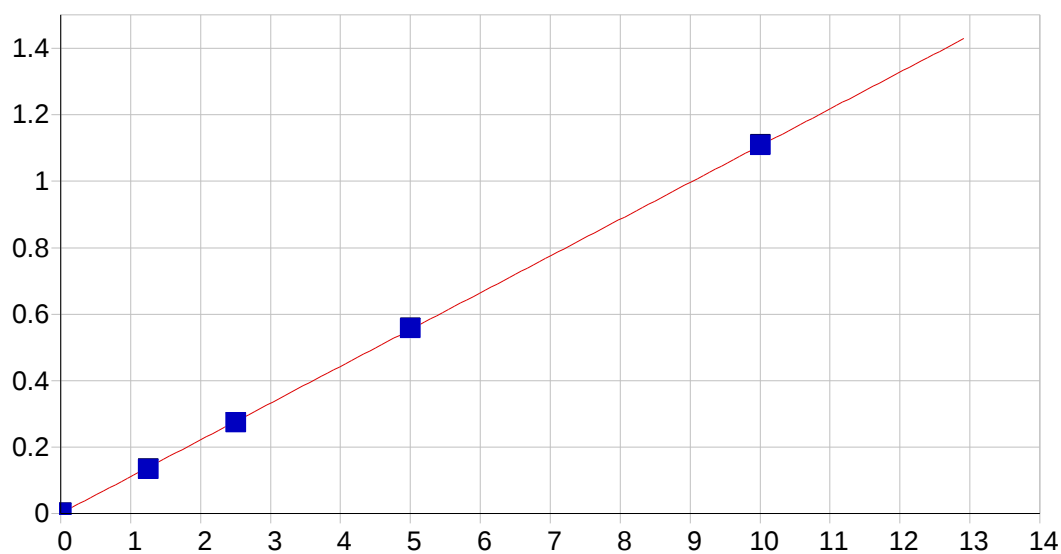


Si 251.611 {134}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005898 Re-Slope: 1.000000
 A1 (Gain): 0.466872 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999613 Status: OK.
 Std Error of Est: 0.000696
 Predicted MDL: 0.001215
 Predicted MQL: 0.004051

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00589	.000	1
S1	.10000	.11185	.012	11.9	.05828	.001	1
S2	1.2500	1.2872	.037	2.97	.61163	.003	1
S3	2.5000	2.5983	.098	3.93	1.2285	.003	1
S4	5.0000	5.1039	.104	2.08	2.4079	.013	1
S5	10.000	9.7489	-.251	-2.51	4.5956	.050	1

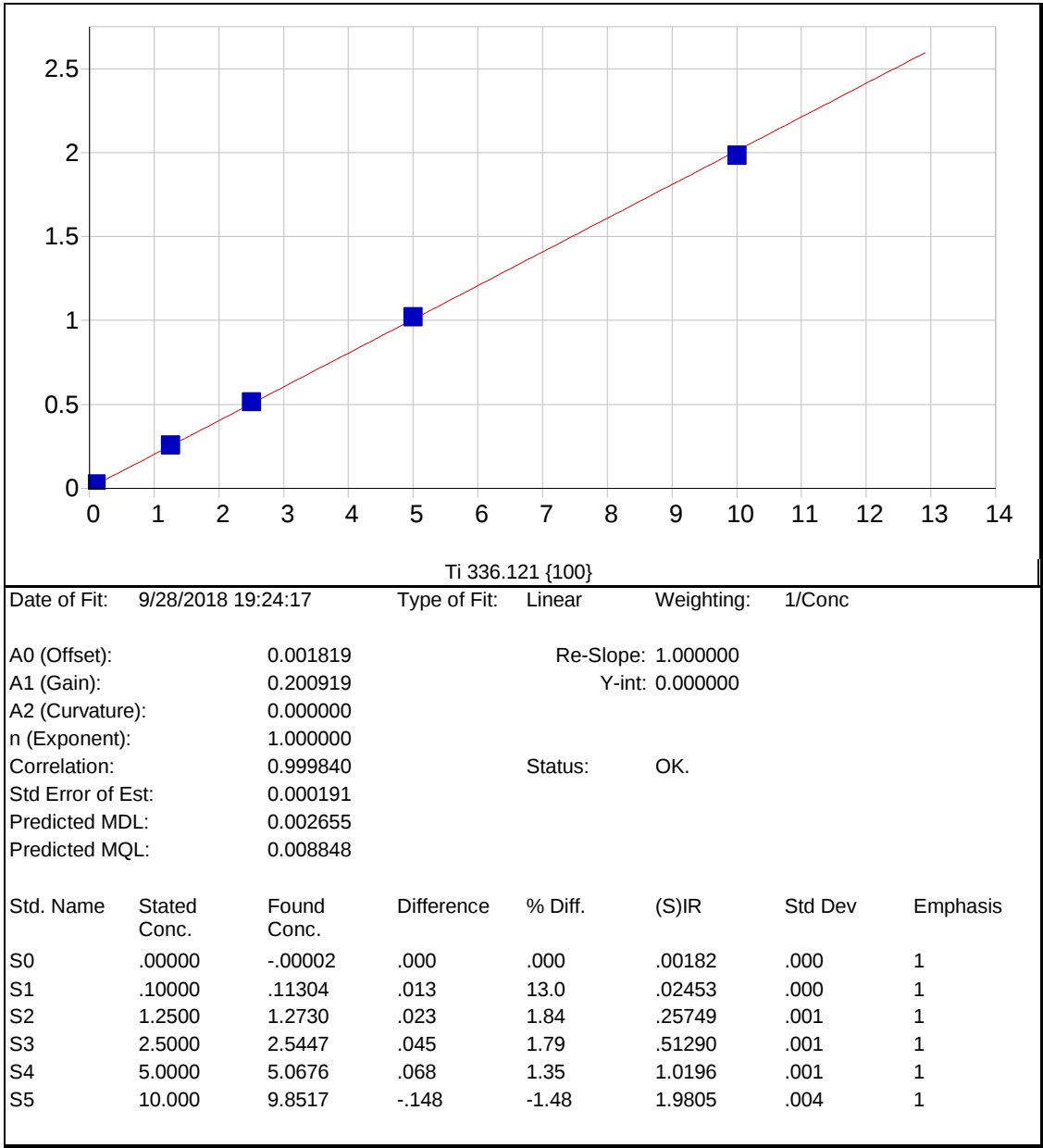


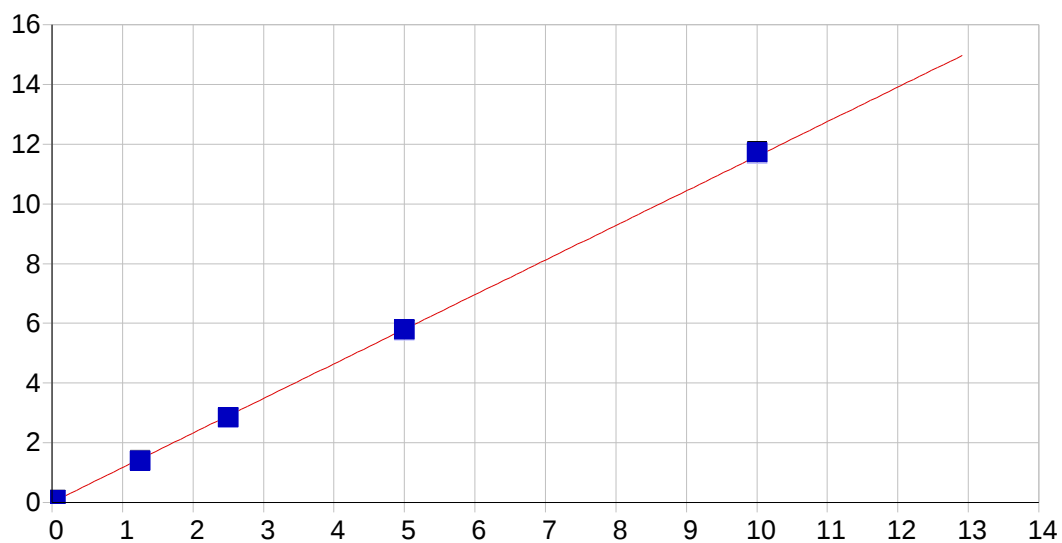
Sn 189.989 {478}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000262 Re-Slope: 1.000000
 A1 (Gain): 0.110685 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000967
 Predicted MQL: 0.003224

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.00700	.00688	.000	-1.73	.00099	.000	1
S2	1.2500	1.2123	-.038	-3.02	.13413	.000	1
S3	2.5000	2.4755	-.024	-.979	.27365	.001	1
S4	5.0000	5.0375	.037	.749	.55661	.001	1
S5	10.000	10.025	.025	.249	1.1074	.002	1





Li 670.784 { 50}

Date of Fit: 9/28/2018 19:24:17 Type of Fit: Linear Weighting: 1/Conc

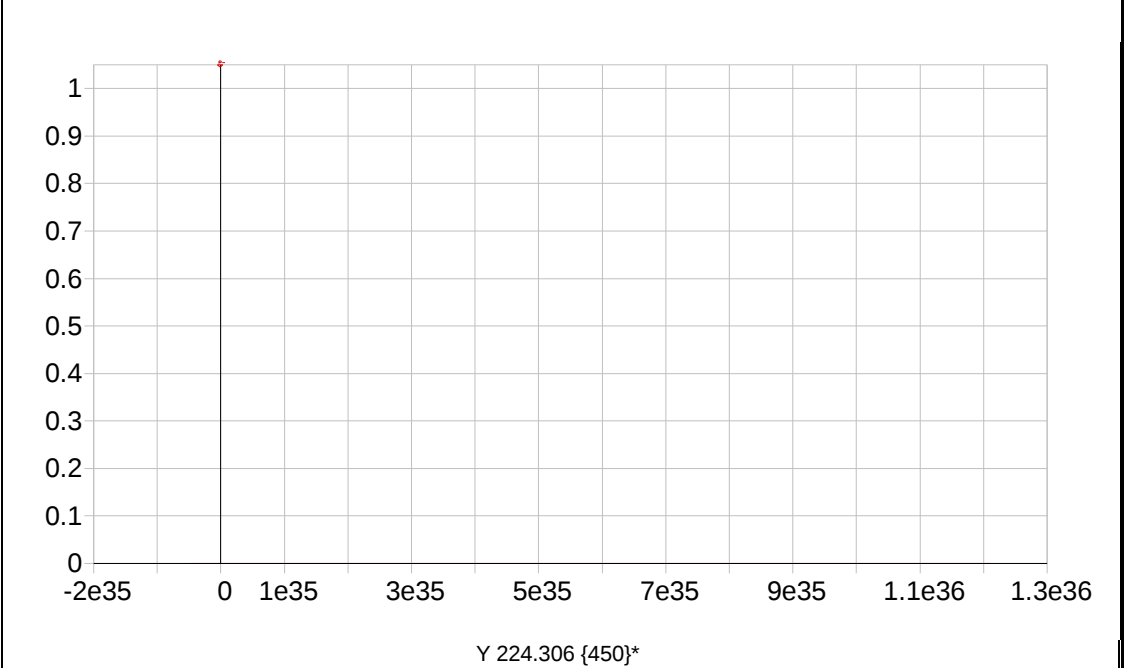
A0 (Offset): 0.008834 Re-Slope: 1.000000
 A1 (Gain): 1.158501 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999883 Status: OK.
 Std Error of Est: 0.000662
 Predicted MDL: 0.002015
 Predicted MQL: 0.006715

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00883	.001	1
S5	10.000	10.111	.111	1.11	11.658	.036	1
S4	5.0000	4.9869	-.013	-.263	5.7535	.009	1
S3	2.5000	2.4473	-.053	-2.11	2.8277	.009	1
S2	1.2500	1.2020	-.048	-3.84	1.3932	.008	1
S1	.05000	.05252	.003	5.03	.06956	.002	1

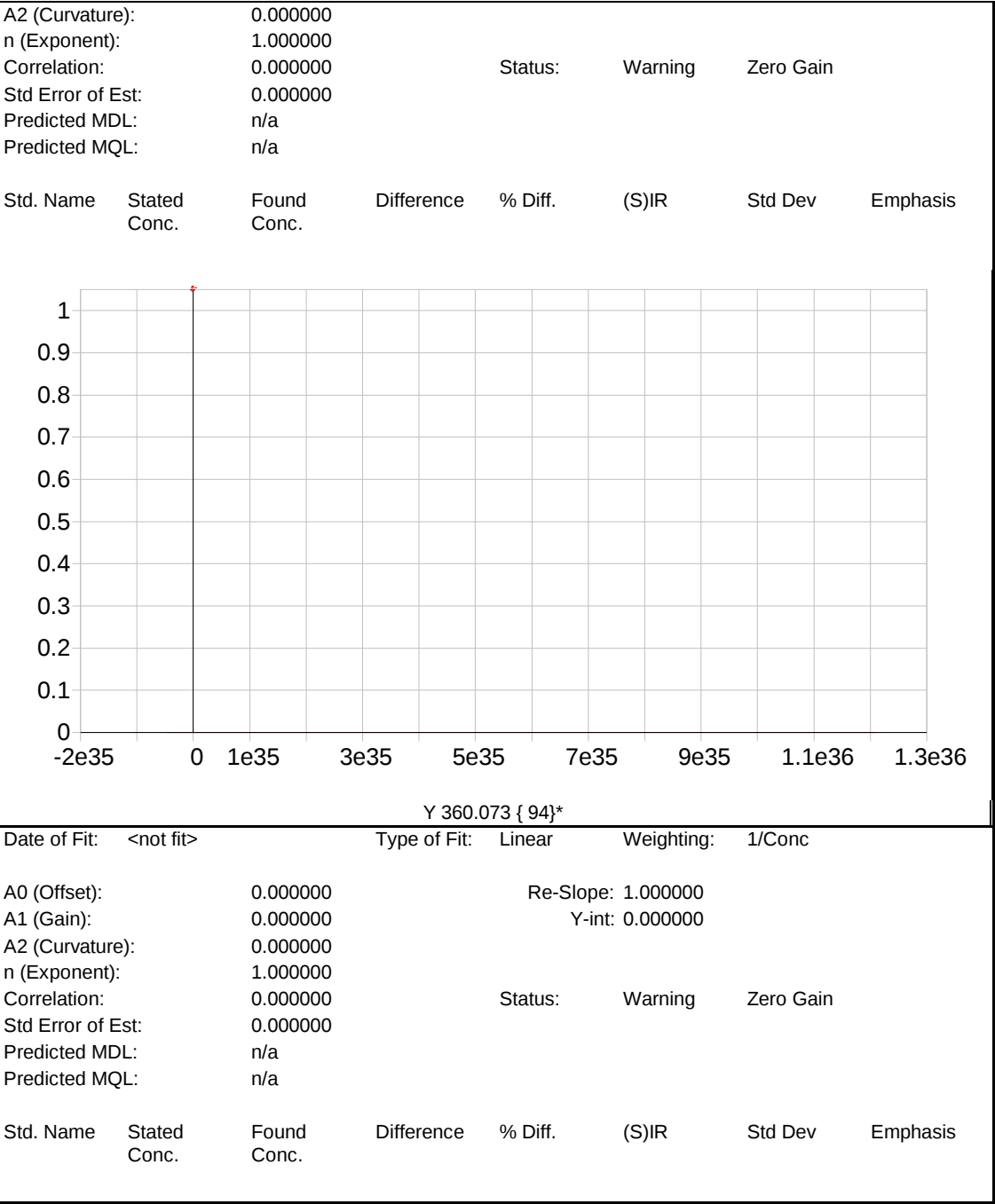


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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

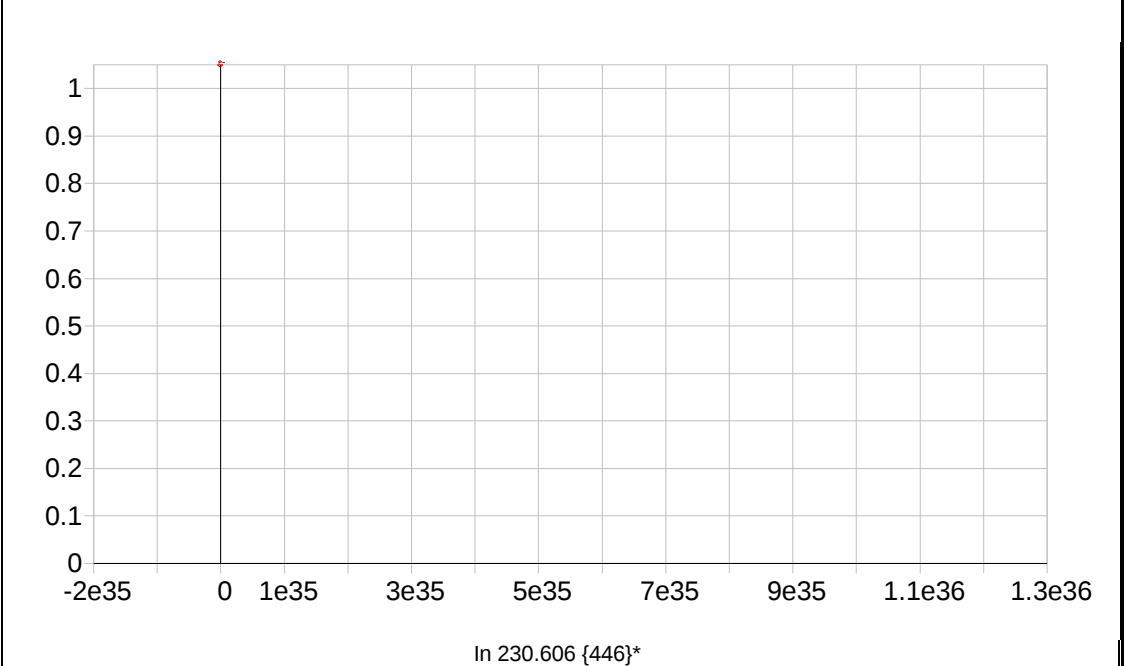




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

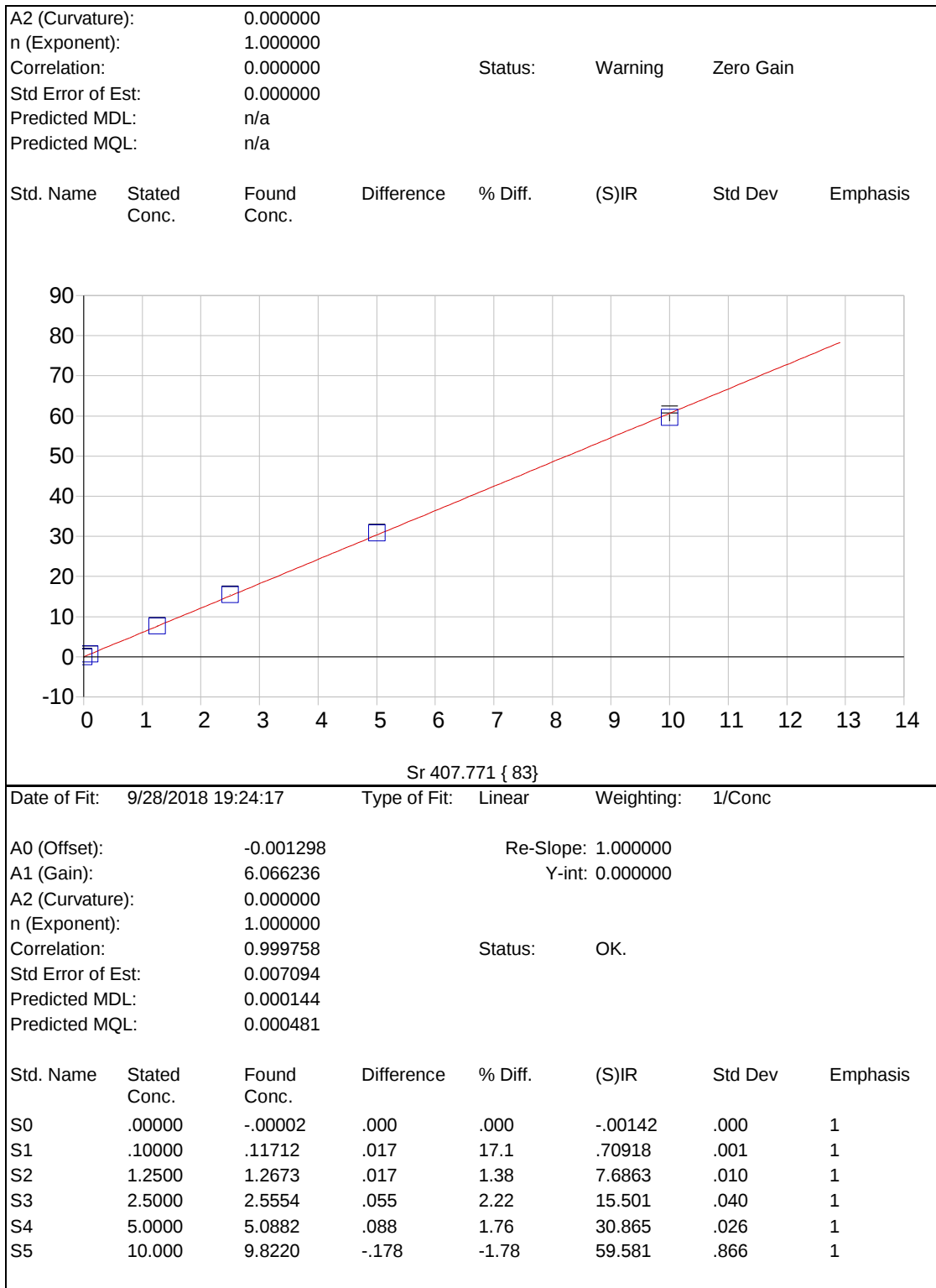
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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: 9/28/2018 12:02:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	-.00021	-.00052	-.00033	.00067	.00060	.00410	.01617	-.00357
Stddev	.00005	.00010	.00028	.00009	.00022	.00097	.00133	.00030
%RSD	26.266	20.066	85.621	13.466	37.003	23.588	8.2457	8.2839

#1	-.00016	-.00049	.00000	.00071	.00076	.00521	.01502	-.00324
#2	-.00027	-.00043	-.00050	.00074	.00071	.00362	.01585	-.00380
#3	-.00020	-.00063	-.00049	.00057	.00035	.00347	.01763	-.00368

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	.00050	.00192	-.00004	.00007	.00092	.00009	-.00001	-.00014
Stddev	.00016	.00034	.00002	.00015	.00018	.00015	.00015	.00022
%RSD	31.331	17.621	62.994	206.70	19.303	156.64	1020.3	159.33

#1	.00061	.00213	-.00001	-.00007	.00072	.00007	.00000	-.00014
#2	.00057	.00153	-.00004	.00006	.00096	.00025	.00013	.00008
#3	.00032	.00212	-.00006	.00023	.00107	-.00004	-.00017	-.00036

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	-.00162	-.00090	.00148	.00031	-.00041	.02001	-.00096	.00122
Stddev	.00023	.00009	.00330	.00011	.00011	.00330	.00006	.00055
%RSD	14.046	9.9880	223.11	34.448	27.998	16.515	5.8660	45.220

#1	-.00136	-.00083	-.00135	.00019	-.00041	.02259	-.00092	.00185
#2	-.00177	-.00100	.00068	.00037	-.00052	.01628	-.00093	.00099
#3	-.00174	-.00088	.00510	.00039	-.00029	.02115	-.00102	.00082

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	.00025	.00589	.00026	.00182	.00883	-.00142	
Stddev	.00020	.00002	.00039	.00002	.00040	.00069	.00025	
%RSD	43.937	8.2237	6.5413	8.0846	22.293	7.8079	17.741	

#1	.00062	.00023	.00567	.00027	.00202	.00815	-.00169	
#2	.00051	.00027	.00567	.00028	.00208	.00881	-.00139	
#3	.00023	.00025	.00633	.00024	.00135	.00953	-.00119	

Sample Name: S0 Acquired: 9/28/2018 12:02:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	2509.1	2803.3	55175.	5220.5	4257.0
Stddev	27.2	4.8	161.	23.5	7.8
%RSD	1.0835	.17002	.29269	.44983	.18288
#1	2537.5	2797.8	55358.	5211.1	4253.1
#2	2483.4	2805.8	55052.	5247.2	4266.0
#3	2506.3	2806.2	55117.	5203.1	4252.0

Sample Name: S1 Acquired: 9/28/2018 12:07:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.00024	.00148	.00149	.00364	.01275	.01991	.76817	.04757
Stddev	.00009	.00010	.00008	.00015	.00002	.00085	.00501	.00127
%RSD	37.914	6.6211	5.4801	4.2415	.15753	4.2810	.65251	2.6781

#1	.00015	.00141	.00158	.00374	.01276	.02086	.77394	.04893
#2	.00025	.00143	.00142	.00346	.01275	.01967	.76566	.04738
#3	.00034	.00159	.00146	.00372	.01273	.01921	.76490	.04640

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	.01552	.15973	.00179	.03410	.00423	.00160	.00212	.02390
Stddev	.00030	.00173	.00007	.00035	.00012	.00015	.00016	.00046
%RSD	1.9398	1.0859	4.0966	1.0212	2.7537	9.4928	7.5355	1.9276

#1	.01520	.16102	.00181	.03370	.00434	.00169	.00224	.02420
#2	.01555	.16042	.00171	.03426	.00411	.00142	.00194	.02414
#3	.01580	.15776	.00185	.03434	.00424	.00169	.00219	.02337

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	.02541	.00127	.03974	.00353	.00098	.16947	.01410	.00667
Stddev	.00016	.00003	.00114	.00037	.00033	.00195	.00022	.00022
%RSD	.63330	2.0266	2.8729	10.473	33.968	1.1506	1.5314	3.3703

#1	.02540	.00127	.04052	.00395	.00136	.16976	.01386	.00672
#2	.02557	.00129	.03843	.00327	.00076	.17126	.01419	.00643
#3	.02525	.00124	.04026	.00336	.00082	.16740	.01426	.00687

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	.01047	.01191	.05828	.00099	.02453	.06956	.70918	
Stddev	.00014	.00009	.00076	.00006	.00049	.00224	.00083	
%RSD	1.3663	.72031	1.2979	6.3100	2.0083	3.2154	.11727	

#1	.01031	.01181	.05880	.00093	.02468	.07137	.71011	
#2	.01057	.01196	.05863	.00105	.02493	.07024	.70891	
#3	.01054	.01195	.05741	.00100	.02398	.06706	.70851	

Sample Name: S1 Acquired: 9/28/2018 12:07:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	2533.3	2809.6	55844.	5308.2	4284.3
Stddev	16.3	3.2	305.	59.8	5.4
%RSD	.64415	.11373	.54680	1.1273	.12524
#1	2518.8	2812.4	55550.	5267.7	4290.5
#2	2530.3	2806.1	55822.	5280.0	4280.5
#3	2551.0	2810.3	56160.	5376.9	4282.0

Sample Name: S2 Acquired: 9/28/2018 12:11:09 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.05771	.08524	.91887	.09711	.22096	2.7308	8.0337	1.1163
Stddev	.00020	.00018	.00073	.00036	.00050	.0121	.0178	.0048
%RSD	.35349	.21441	.07948	.37040	.22832	.44268	.22145	.43184

#1	.05748	.08523	.91949	.09752	.22134	2.7201	8.0197	1.1109
#2	.05783	.08507	.91905	.09683	.22039	2.7439	8.0537	1.1201
#3	.05783	.08544	.91806	.09698	.22116	2.7283	8.0278	1.1178

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	1.6007	1.7218	.55705	.37394	.42611	.38285	.45382	.26283
Stddev	.0038	.0124	.00241	.00065	.00153	.00047	.00325	.00020
%RSD	.23626	.72300	.43181	.17452	.36004	.12223	.71569	.07536

#1	1.6019	1.7135	.55953	.37326	.42480	.38246	.45093	.26306
#2	1.5964	1.7361	.55689	.37399	.42573	.38337	.45734	.26274
#3	1.6037	1.7157	.55473	.37456	.42780	.38272	.45321	.26269

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	.35460	.05366	.26160	.03244	.07820	1.0179	.04550	.58767
Stddev	.00070	.00026	.00328	.00012	.00053	.0045	.00011	.00289
%RSD	.19820	.49212	1.2529	.36130	.67336	.43923	.23462	.49120

#1	.35446	.05349	.25888	.03250	.07834	1.0135	.04560	.58625
#2	.35398	.05396	.26524	.03252	.07762	1.0225	.04539	.59099
#3	.35536	.05352	.26069	.03231	.07865	1.0177	.04550	.58577

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	1.0511	.03452	.61163	.13413	.25749	1.3932	7.6863	
Stddev	.0013	.00015	.00305	.00027	.00104	.0076	.0101	
%RSD	.12727	.44542	.49816	.19852	.40225	.54326	.13169	

#1	1.0524	.03466	.60815	.13413	.25630	1.3845	7.6874	
#2	1.0512	.03435	.61381	.13387	.25823	1.3979	7.6959	
#3	1.0497	.03455	.61292	.13440	.25793	1.3972	7.6758	

Sample Name: S2 Acquired: 9/28/2018 12:11:09 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	2505.2	2733.5	56053.	5348.4	4079.2
Stddev	3.3	.8	209.	38.7	11.1
%RSD	.13349	.02866	.37350	.72315	.27096
#1	2501.6	2734.4	55875.	5382.5	4074.5
#2	2506.0	2732.8	56000.	5306.4	4091.8
#3	2508.1	2733.5	56284.	5356.4	4071.3

Sample Name: S3 Acquired: 9/28/2018 12:15:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.11901	.17197	1.8618	.19290	.44849	5.4671	16.319	2.2494
Stddev	.00037	.00018	.0009	.00064	.00099	.0110	.037	.0051
%RSD	.31267	.10436	.04594	.33236	.22013	.20076	.22827	.22663

#1	.11913	.17205	1.8621	.19356	.44960	5.4798	16.326	2.2515
#2	.11859	.17176	1.8608	.19284	.44772	5.4618	16.279	2.2530
#3	.11931	.17209	1.8625	.19228	.44816	5.4598	16.352	2.2435

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2107	3.4266	1.1064	.75935	.85800	.75504	.90773	.52999
Stddev	.0024	.0206	.0014	.00086	.00326	.00209	.00551	.00341
%RSD	.07546	.60181	.12515	.11377	.38025	.27688	.60707	.64271

#1	3.2087	3.4407	1.1049	.75867	.86052	.75734	.90946	.53235
#2	3.2134	3.4362	1.1066	.75906	.85431	.75452	.91216	.53154
#3	3.2099	3.4029	1.1077	.76032	.85917	.75326	.90156	.52609

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	.71509	.10944	.51819	.06496	.15823	2.0750	.35234	1.2067
Stddev	.00137	.00018	.00099	.00071	.00146	.0062	.00123	.0056
%RSD	.19144	.16103	.19156	1.0857	.92291	.29753	.34804	.46041

#1	.71375	.10938	.51907	.06522	.15859	2.0784	.35288	1.2103
#2	.71503	.10931	.51838	.06549	.15662	2.0679	.35093	1.2096
#3	.71648	.10964	.51711	.06416	.15947	2.0788	.35320	1.2003

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.1293	.25848	1.2285	.27365	.51290	2.8277	15.501	
Stddev	.0002	.00073	.0032	.00055	.00108	.0093	.040	
%RSD	.01077	.28411	.26229	.20255	.21075	.32811	.25649	

#1	2.1292	.25766	1.2318	.27328	.51403	2.8314	15.511	
#2	2.1295	.25868	1.2285	.27340	.51280	2.8172	15.457	
#3	2.1290	.25909	1.2253	.27429	.51188	2.8346	15.534	

Sample Name: S3 Acquired: 9/28/2018 12:15:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	2447.7	2623.0	55192.	5278.9	3877.0
Stddev	20.8	3.7	203.	25.1	3.2
%RSD	.85132	.13934	.36719	.47571	.08363
#1	2429.7	2619.0	55069.	5250.2	3873.6
#2	2470.5	2623.7	55426.	5297.2	3877.5
#3	2443.0	2626.2	55082.	5289.1	3880.0

Sample Name: S4 Acquired: 9/28/2018 12:18:54 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.24336	.33895	3.7836	.37966	.91084	11.048	32.617	4.4074
Stddev	.00031	.00087	.0037	.00032	.00177	.013	.007	.0218
%RSD	.12731	.25603	.09762	.08452	.19484	.11472	.02235	.49456

#1	.24304	.33893	3.7811	.38003	.91061	11.034	32.610	4.4138
#2	.24366	.33809	3.7817	.37946	.90920	11.052	32.625	4.3831
#3	.24339	.33983	3.7878	.37949	.91272	11.059	32.615	4.4253

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.4278	6.8805	2.1572	1.5347	1.7010	1.4910	1.7976	1.0756
Stddev	.0066	.0213	.0037	.0022	.0012	.0067	.0037	.0033
%RSD	.10343	.30992	.16994	.14452	.06792	.44824	.20301	.30596

#1	6.4282	6.8628	2.1607	1.5330	1.7004	1.4843	1.7934	1.0729
#2	6.4210	6.8745	2.1534	1.5339	1.7023	1.4976	1.8002	1.0792
#3	6.4343	6.9042	2.1575	1.5372	1.7003	1.4911	1.7992	1.0746

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	1.4326	.22216	1.0445	.12856	.32405	4.2058	1.7972	2.4249
Stddev	.0023	.00059	.0013	.00084	.00319	.0054	.0031	.0176
%RSD	.16084	.26696	.12346	.65689	.98468	.12933	.17068	.72696

#1	1.4321	.22162	1.0431	.12791	.32039	4.2071	1.7947	2.4249
#2	1.4306	.22279	1.0449	.12951	.32549	4.1998	1.7962	2.4073
#3	1.4351	.22208	1.0456	.12824	.32626	4.2104	1.8006	2.4426

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.3009	1.3837	2.4079	.55661	1.0196	5.7535	30.865	
Stddev	.0103	.0053	.0126	.00092	.0011	.0093	.026	
%RSD	.23834	.37950	.52281	.16528	.11151	.16171	.08423	

#1	4.2978	1.3830	2.4083	.55574	1.0183	5.7431	30.841	
#2	4.2926	1.3788	2.3951	.55652	1.0205	5.7565	30.893	
#3	4.3124	1.3892	2.4203	.55757	1.0200	5.7610	30.860	

Sample Name: S4 Acquired: 9/28/2018 12:18:54 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	2300.6	2464.3	53834.	5155.7	3603.2
Stddev	5.3	2.3	63.	17.6	2.6
%RSD	.23039	.09267	.11716	.34229	.07230
#1	2303.3	2465.8	53781.	5150.0	3604.3
#2	2304.0	2465.4	53904.	5175.5	3605.0
#3	2294.5	2461.6	53818.	5141.6	3600.2

Sample Name: S5 Acquired: 9/28/2018 12:22:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.49710	.65178	7.5005	.74113	1.8617	22.027	64.054	8.3534
Stddev	.00174	.00251	.0172	.00187	.0014	.027	.264	.0844
%RSD	.35065	.38482	.22959	.25267	.07736	.12206	.41141	1.0106

#1	.49718	.65116	7.4894	.74321	1.8601	22.020	64.316	8.2689
#2	.49532	.64963	7.4916	.73958	1.8628	22.005	64.057	8.3534
#3	.49880	.65453	7.5203	.74059	1.8624	22.057	63.789	8.4378

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	12.560	13.333	4.1464	3.0311	3.3086	2.8433	3.4216	2.1151
Stddev	.014	.054	.0137	.0085	.0102	.0122	.0111	.0043
%RSD	.11479	.40295	.33090	.28091	.30809	.43064	.32379	.20310

#1	12.562	13.273	4.1343	3.0241	3.3020	2.8295	3.4092	2.1102
#2	12.544	13.351	4.1613	3.0285	3.3034	2.8476	3.4304	2.1168
#3	12.573	13.376	4.1435	3.0406	3.3203	2.8529	3.4253	2.1182

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	2.8183	.45477	2.0573	.24927	.64881	8.4233	3.5682	4.6726
Stddev	.0061	.00144	.0075	.00081	.00351	.0424	.0131	.0569
%RSD	.21742	.31706	.36558	.32335	.54054	.50342	.36585	1.2184

#1	2.8121	.45362	2.0496	.24837	.65180	8.3959	3.5652	4.6106
#2	2.8185	.45430	2.0575	.24951	.64967	8.4019	3.5569	4.6848
#3	2.8243	.45639	2.0646	.24993	.64495	8.4721	3.5825	4.7225

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	8.7056	2.9097	4.5956	1.1074	1.9805	11.658	59.581	
Stddev	.0138	.0108	.0499	.0023	.0042	.036	.866	
%RSD	.15837	.37059	1.0859	.20671	.21086	.30593	1.4537	

#1	8.7202	2.9149	4.5427	1.1072	1.9790	11.660	58.871	
#2	8.6928	2.8973	4.6025	1.1052	1.9772	11.621	59.326	
#3	8.7038	2.9169	4.6418	1.1098	1.9852	11.692	60.546	

Sample Name: S5 Acquired: 9/28/2018 12:22:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	2172.8	2268.3	52642.	5106.9	3332.1
Stddev	12.7	2.3	383.	45.7	3.1
%RSD	.58365	.10236	.72802	.89484	.09291
#1	2166.8	2265.6	52632.	5158.5	3334.1
#2	2164.2	2269.3	52264.	5091.1	3333.7
#3	2187.3	2269.9	53030.	5071.3	3328.5

Sample Name: S6 Acquired: 9/28/2018 12:26:42 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	59.729	21.735	7.5017	3.4427	5.7130
Stddev	.079	.022	.0127	.0062	.0139
%RSD	.13221	.09904	.16936	.17895	.24310

#1	59.676	21.718	7.5159	3.4463	5.6973
#2	59.691	21.759	7.4977	3.4463	5.7237
#3	59.819	21.727	7.4915	3.4356	5.7181

Int. Std.	Y_3710
Units	Cts/S
Avg	5021.8
Stddev	15.1
%RSD	.30129

#1	5012.5
#2	5013.6
#3	5039.3

Sample Name: ICV Acquired: 9/28/2018 13:01:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9631414	1.067830	.9630195	.9774915	.9466233	2.368588
Stddev	.0047692	.002586	.0023800	.0043951	.0006643	.018301
%RSD	.4951696	.2421358	.2471422	.4496342	.0701801	.7726374

#1	.9659521	1.067016	.9622759	.9753773	.9472702	2.383738
#2	.9658373	1.070725	.9656826	.9825442	.9466569	2.373772
#3	.9576348	1.065750	.9611001	.9745531	.9459428	2.348255

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5133843	.5012002	.5022642	10.46751	F .5539864	.5044017
Stddev	.0022851	.0027183	.0008296	.04459	.0024007	.0010227
%RSD	.4451098	.5423660	.1651735	.4260081	.4333461	.2027561

#1	.5107475	.4985229	.5031087	10.42428	.5526497	.5055522
#2	.5146173	.5011200	.5022336	10.46490	.5525517	.5040571
#3	.5147880	.5039578	.5014503	10.51335	.5567579	.5035958

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .5415085	4.644235	.5263364	5.945477	.5238937	F .0215433
Stddev	.0030999	.074880	.0037069	.047617	.0006846	.0004726
%RSD	.5724633	1.612330	.7042808	.8008987	.1306719	2.193675

#1	.5397843	4.663620	.5265526	5.998214	.5237813	.0210104
#2	.5450872	4.561568	.5225262	5.932578	.5246275	.0219115
#3	.5396540	4.707517	.5299305	5.905637	.5232722	.0217080

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.315271	.5383761	1.047840	9.604206	50.49959	5.072081
Stddev	.241526	.0045565	.030129	.102892	.19519	.037985
%RSD	2.592795	.8463373	2.875339	1.071318	.3865149	.7489114

#1	9.043160	.5423242	1.060062	9.489738	50.47709	5.036214
#2	9.398398	.5394139	1.069937	9.633884	50.70506	5.068150
#3	9.504255	.5333902	1.013520	9.688997	50.31664	5.111879

Sample Name: ICV Acquired: 9/28/2018 13:01:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.860289	49.93953	4.800636	5.008617	5.301812	.0039474
Stddev	.007179	.19183	.041867	.015119	.020337	.0017339
%RSD	.1477152	.3841146	.8721069	.3018516	.3835931	43.92435

#1	4.867167	50.03267	4.756471	5.014063	5.279493	.0041588
#2	4.860858	50.06700	4.805692	5.020258	5.306648	.0055658
#3	4.852842	49.71892	4.839745	4.991530	5.319296	.0021175

Elem	Sr4077
Units	ppm
Avg	.0124258
Stddev	.0002098
%RSD	1.688091

#1	.0122542
#2	.0126596
#3	.0123635

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2575.596	2823.331	57443.87	5498.361	4348.336
Stddev	25.156	3.803	313.53	26.499	6.397
%RSD	.9767036	.1346830	.5458049	.4819513	.1471164

#1	2548.622	2819.562	57244.56	5506.340	4343.735
#2	2579.747	2823.264	57805.26	5519.954	4345.633
#3	2598.418	2827.166	57281.77	5468.789	4355.641

Sample Name: ICB Acquired: 9/28/2018 13:05:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000534	.0005281	.0011688	-.003080	-.001084	-.013237	-.001072
Stddev	.001927	.0010488	.0003711	.001173	.000891	.004001	.001449
%RSD	361.2224	198.5967	31.75318	38.08697	82.22336	30.22680	135.2222

#1	-.001034	.0008851	.0011755	-.002105	-.000514	-.008751	-.002550
#2	-.002161	-.000653	.0015366	-.004381	-.002111	-.016438	.000346
#3	.001595	.001352	.0007944	-.002753	-.000627	-.014521	-.001011

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000925	-.000076	-.003599	.0003726	.0003602	-.002867	.0092260
Stddev	.0000705	.000039	.019148	.0007040	.0001666	.000959	.0157333
%RSD	76.18769	50.66592	532.0483	188.9513	46.24772	33.46122	170.5311

#1	.0000119	-.000096	-.005225	-.000076	.0001747	-.003631	.0141363
#2	.0001425	-.000032	.016310	.001184	.0004088	-.001790	-.008377
#3	.0001232	-.000101	-.021882	.000009	.0004970	-.003180	.021919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004733	-.041052	.0001668	.0021701	-.170302	-.003067	.0043473
Stddev	.0015575	.043732	.0004851	.0004434	.169517	.005213	.0075465
%RSD	329.0849	106.5300	290.8170	20.43157	99.53898	169.9601	173.5916

#1	-.000988	-.090157	.0004087	.0026803	-.219323	-.005021	.0097684
#2	.002112	-.006302	.0004834	.0019523	-.309907	.002840	.0075450
#3	.000295	-.026696	-.000392	.0018778	.018323	-.007020	-.004272

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.034674	-.000103	.0095856	.0003558	.0036397	.0069844	-.000764
Stddev	.024291	.001104	.0008430	.0001800	.0029532	.0010973	.000601
%RSD	70.05547	1068.823	8.794148	50.58385	81.13862	15.71019	78.73300

#1	-.013739	-.001320	.0091460	.0004986	.0062708	.0081388	-.000070
#2	-.028976	.000837	.0090533	.0004152	.0042028	.0059550	-.001087
#3	-.061307	.000173	.0105576	.0001536	.0004455	.0068593	-.001135

Sample Name: ICB Acquired: 9/28/2018 13:05:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000627	-.000248	.0001802
Stddev	.000661	.002374	.0001322
%RSD	105.3942	956.0005	73.32682

#1	-.001139	.000733	.0002938
#2	-.000861	-.002955	.0002118
#3	.000119	.001478	.0000352

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2548.182	2818.137	56323.34	5354.747	4323.107
Stddev	4.431	9.494	117.79	7.357	6.449
%RSD	.1738850	.3368810	.2091283	.1373908	.1491804

#1	2548.847	2808.031	56307.73	5352.770	4316.655
#2	2552.243	2819.514	56448.16	5348.580	4323.114
#3	2543.456	2826.868	56214.14	5362.890	4329.553

Sample Name: ICSA Acquired: 9/28/2018 13:09:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	-.008607	.0049896	-.001161	-.017145	.0054604	237.1426	.0045018
Stddev	.002601	.0018033	.002331	.002271	.0023622	.5215	.0009224
%RSD	30.21988	36.14103	200.7653	13.24561	43.26136	.2198958	20.48944

#1	-.009130	.0033211	-.003850	-.014565	.0057852	237.7268	.0037521
#2	-.005784	.0069027	.000280	-.018028	.0076433	236.9764	.0042214
#3	-.010907	.0047449	.000087	-.018841	.0029525	236.7244	.0055318

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009244	.0000686	252.4987	.0499561	.0024963	-.001163	99.60518
Stddev	.0000145	.0000542	.3588	.0004212	.0002589	.002871	.26735
%RSD	1.567426	78.94998	.1421001	.8430648	10.37061	246.9263	.2684114

#1	.0009153	.0000861	252.8361	.0498764	.0022868	-.001137	99.56767
#2	.0009411	.0000078	252.5383	.0495805	.0027857	.001696	99.88931
#3	.0009169	.0001118	252.1217	.0504114	.0024163	-.004047	99.35857

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148762	254.7504	-.000579	.0014557	-.005064	-.004246	.0254096
Stddev	.0019154	.5185	.000373	.0002546	.199399	.002273	.0172506
%RSD	12.87546	.2035250	64.42989	17.48986	3937.493	53.53330	67.89002

#1	.0162772	254.7427	-.000981	.0016224	.210127	-.005142	.0094405
#2	.0156577	255.2727	-.000515	.0015821	-.183579	-.001662	.0230829
#3	.0126936	254.2359	-.000243	.0011626	-.041740	-.005935	.0437055

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.094152	-.005805	-.005643	.0013685	.0089931	.0021341	-.005262
Stddev	.038260	.001632	.002997	.0002243	.0030778	.0011202	.000608
%RSD	40.63627	28.10892	53.11074	16.38914	34.22383	52.49249	11.55833

#1	-.136203	-.004724	-.008605	.0016041	.0061525	.0009870	-.005034
#2	-.061396	-.005010	-.005712	.0011575	.0122630	.0032253	-.005951
#3	-.084858	-.007682	-.002612	.0013440	.0085638	.0021899	-.004801

Sample Name: ICSA Acquired: 9/28/2018 13:09:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	-.005235	.0106640	.1027871
Stddev	.000863	.0016930	.0001973
%RSD	16.48240	15.87545	.1919295

#1	-.004824	.0093545	.1026076
#2	-.006226	.0100617	.1027554
#3	-.004653	.0125758	.1029984

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2449.763	2654.112	55237.23	5310.963	3827.127
Stddev	11.707	5.742	68.77	17.985	7.481
%RSD	.4778989	.2163273	.1245066	.3386365	.1954847

#1	2462.435	2652.702	55313.87	5290.966	3824.159
#2	2447.503	2660.427	55180.89	5316.107	3835.637
#3	2439.350	2649.207	55216.92	5325.815	3821.586

Sample Name: ICSAB Acquired: 9/28/2018 13:13:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0887867	.1114013	.0459927	.0297205	.5999947	234.1794
Stddev	.0028430	.0015167	.0026929	.0033492	.0024901	1.1333
%RSD	3.202022	1.361474	5.855052	11.26912	.4150209	.4839346

#1	.0878302	.1110145	.0482159	.0262538	.5995546	233.0899
#2	.0919845	.1101155	.0467637	.0329385	.5977540	234.0962
#3	.0865453	.1130740	.0429983	.0299692	.6026755	235.3519

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5244390	.5094904	1.000932	247.6738	.5901576	.5110204
Stddev	.0011936	.0029412	.000579	1.8159	.0017941	.0018840
%RSD	.2275981	.5772837	.0578786	.7331681	.3039977	.3686797

#1	.5238492	.5127056	1.000403	245.8288	.5914359	.5103400
#2	.5258127	.5069354	1.000843	247.7338	.5881067	.5095710
#3	.5236550	.5088302	1.001551	249.4590	.5909303	.5131501

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5216696	97.51034	.5249003	250.1000	1.025041	F .0765492
Stddev	.0050693	.88750	.0089377	2.0558	.001205	.0002538
%RSD	.9717460	.9101636	1.702737	.8219872	.1175174	.3315511

#1	.5186071	96.68170	.5155113	247.9998	1.025028	.0763467
#2	.5188806	97.40248	.5258845	250.1918	1.023843	.0764671
#3	.5275209	98.44685	.5333052	252.1083	1.026252	.0768339

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.124508	.5234768	1.039051	-.134910	.0035708	F -.011253
Stddev	.128240	.0095257	.036021	.051173	.0013085	.000723
%RSD	102.9975	1.819706	3.466690	37.93148	36.64381	6.423899

#1	.023558	.5147940	1.003246	-.109259	.0047297	-.012079
#2	-.196861	.5219705	1.038624	-.193836	.0021518	-.010947
#3	-.200220	.5336660	1.075283	-.101635	.0038308	-.010734

Sample Name: ICSAB Acquired: 9/28/2018 13:13:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026429	.0126558	.0026509	-.004267	-.005436	.0087401
Stddev	.0002343	.0051475	.0006504	.001016	.001450	.0011457
%RSD	8.863242	40.67282	24.53445	23.81838	26.66595	13.10862

#1	.0023730	.0154683	.0027308	-.003501	-.004587	.0086705
#2	.0027925	.0157843	.0032575	-.005419	-.004612	.0076308
#3	.0027633	.0067148	.0019642	-.003879	-.007110	.0099191

Elem	Sr4077
Units	ppm
Avg	.1017176
Stddev	.0003194
%RSD	.3139795

#1	.1019401
#2	.1013517
#3	.1018611

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2447.868	2663.495	55499.56	5368.651	3838.461
Stddev	11.650	3.934	220.48	18.564	6.272
%RSD	.4759391	.1477090	.3972619	.3457912	.1634096

#1	2461.316	2658.988	55753.10	5364.688	3831.251
#2	2440.808	2666.242	55352.81	5388.877	3841.476
#3	2441.482	2665.255	55392.78	5352.388	3842.658

Sample Name: CCV040 Acquired: 9/28/2018 13:26:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.731893	4.768929	23.86767	4.550599	4.725802	389.2347	9.757951
Stddev	.006601	.009612	.03104	.018639	.007705	.6110	.018017
%RSD	.1395079	.2015632	.1300607	.4095902	.1630472	.1569839	.1846413

#1	4.724442	4.777313	23.86954	4.532296	4.717317	389.7184	9.777881
#2	4.734226	4.758438	23.83574	4.569556	4.732362	389.4376	9.753154
#3	4.737012	4.771037	23.89774	4.549945	4.727728	388.5480	9.742818

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4850159	2.378993	409.2816	14.75665	2.441407	14.69976	402.9008
Stddev	.0020293	.006260	.9368	.01630	.003173	.01881	1.1444
%RSD	.4184028	.2631395	.2288897	.1104397	.1299544	.1279539	.2840380

#1	.4850202	2.376094	408.8965	14.76886	2.441349	14.71987	402.6634
#2	.4870431	2.374708	410.3495	14.76296	2.438264	14.68260	404.1453
#3	.4829845	2.386177	408.5987	14.73814	2.444608	14.69682	401.8938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.45935	390.7292	2.425339	1.228625	391.5735	2.410029	14.42973
Stddev	.03808	.9336	.003748	.002691	.5340	.010322	.10044
%RSD	.2633807	.2389374	.1545269	.2190463	.1363771	.4282905	.6960832

#1	14.42961	390.6000	2.423696	1.227526	392.0981	2.412108	14.53673
#2	14.50227	391.7207	2.422694	1.226657	391.5920	2.398825	14.33748
#3	14.44617	389.8670	2.429628	1.231692	391.0306	2.419153	14.41498

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.4380	53.24135	4.847681	4.690228	49.32789	4.832655	4.828891
Stddev	.2867	.02710	.021228	.003379	.09016	.030108	.002486
%RSD	.1918714	.0508951	.4379021	.0720346	.1827699	.6230158	.0514810

#1	149.1652	53.22744	4.855321	4.687909	49.22457	4.828419	4.827289
#2	149.4119	53.22403	4.864032	4.694104	49.36856	4.864657	4.831755
#3	149.7368	53.27258	4.823691	4.688671	49.39055	4.804889	4.827629

Sample Name: CCV040 Acquired: 9/28/2018 13:26:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV040 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.826689	4.958038	4.900147
Stddev	.014046	.015296	.005796
%RSD	.2910128	.3085113	.1182805

#1	4.839211	4.973299	4.901472
#2	4.829356	4.958108	4.893803
#3	4.811500	4.942707	4.905166

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2276.971	2420.311	53570.52	5184.432	3440.751
Stddev	7.845	5.482	183.88	18.663	9.722
%RSD	.3445486	.2264909	.3432532	.3599875	.2825565

#1	2274.222	2414.200	53372.48	5198.694	3429.884
#2	2285.821	2421.940	53735.86	5163.309	3448.626
#3	2270.871	2424.794	53603.23	5191.294	3443.742

Sample Name: CCB040 Acquired: 9/28/2018 13:30:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB040 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000045	.0000238	.0022279	-.002681	-.000375	.0025061	-.000352
Stddev	.002047	.0008314	.0007764	.003395	.000867	.0101425	.000231
%RSD	4540.610	3495.459	34.85042	126.6653	231.1819	404.7035	65.52692

#1	.001925	-.000675	.0031202	.000390	-.001376	.0136110	-.000099
#2	.000102	-.000197	.0017068	-.002105	.000133	-.006268	-.000551
#3	-.002162	.000943	.0018566	-.006327	.000118	.000176	-.000406

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000917	-.000066	-.003008	.0004599	.0001858	.0022434	-.001617
Stddev	.0000602	.000029	.033425	.0001164	.0000520	.0053373	.010458
%RSD	65.66467	43.76931	1111.060	25.31164	27.98096	237.9144	646.6014

#1	.0000286	-.000033	-.028724	.0004547	.0001358	-.003653	-.012205
#2	.0000979	-.000079	-.015076	.0003462	.0001822	.003640	.008707
#3	.0001486	-.000086	.034775	.0005789	.0002396	.006744	-.001354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000082	.0136304	.0003787	.0011391	-.289620	-.004944	.0184121
Stddev	.000790	.0068251	.0003215	.0002252	.213687	.002669	.0056553
%RSD	963.9416	50.07231	84.89975	19.77091	73.78202	53.98290	30.71498

#1	-.000991	.0170855	.0005955	.0012551	-.373673	-.007992	.0225356
#2	.000308	.0180371	.0000093	.0012827	-.046686	-.003814	.0119652
#3	.000438	.0057687	.0005313	.0008795	-.448500	-.003026	.0207355

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1374175	-.001956	.0148940	.0004733	-.000527	.0018252	.0009086
Stddev	.0230784	.001393	.0015396	.0001775	.001539	.0002556	.0003901
%RSD	16.79436	71.17756	10.33688	37.50146	291.7881	14.00448	42.92763

#1	.1457427	-.002971	.0164460	.0002721	.000903	.0018793	.0012713
#2	.1113317	-.002529	.0148687	.0006079	-.002156	.0015469	.0009585
#3	.1551783	-.000369	.0133672	.0005398	-.000330	.0020494	.0004960

Sample Name: CCB040 Acquired: 9/28/2018 13:30:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB040 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002335	.0050558	.0002015
Stddev	.000584	.0008609	.0000396
%RSD	25.01782	17.02912	19.64634

#1	-.001744	.0058896	.0001580
#2	-.002348	.0041701	.0002112
#3	-.002912	.0051077	.0002354

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2585.444	2824.686	57106.05	5460.447	4339.684
Stddev	6.599	2.335	139.76	33.422	6.757
%RSD	.2552268	.0826511	.2447444	.6120821	.1557030

#1	2590.126	2825.219	57225.01	5426.340	4346.752
#2	2577.897	2826.708	56952.12	5461.860	4339.010
#3	2588.310	2822.131	57141.00	5493.140	4333.289

Sample Name: PB113071BL Acquired: 9/28/2018 13:34:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	-.001674	.0013942	.0017042	-.004108	-.000587	-.007981	-.001041
Stddev	.000832	.0018831	.0017214	.000514	.000898	.006482	.000387
%RSD	49.71908	135.0621	101.0079	12.52066	152.8137	81.22632	37.16488

#1	-.002042	-.000210	.0023750	-.003847	-.001259	-.013916	-.001190
#2	-.002258	.003467	-.000252	-.003777	-.000936	-.008963	-.000602
#3	-.000721	.000925	.002989	-.004701	.000432	-.001063	-.001332

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001102	.0000152	-.007859	.0003837	.0002406	.0017334	.0046700
Stddev	.0000710	.0000548	.027709	.0002153	.0001284	.0044549	.0123050
%RSD	64.46233	360.7923	352.5931	56.10413	53.35468	257.0064	263.4930

#1	.0001665	.0000092	-.039805	.0001640	.0002154	.0065639	-.001957
#2	.0001335	-.000036	.006574	.0003930	.0003797	.0008497	-.002901
#3	.0000304	.000073	.009655	.0005942	.0001267	-.002213	.018868

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000314	.0246141	.0002708	.0010267	-.148361	-.002409	.0092621
Stddev	.000853	.0093960	.0004384	.0000238	.082968	.002657	.0088340
%RSD	271.4441	38.17334	161.8682	2.315460	55.92326	110.2653	95.37886

#1	.000442	.0351784	.0007547	.0010375	-.209254	-.005112	.0057298
#2	-.000146	.0214725	-.000100	.0010431	-.053862	.000199	.0027407
#3	-.001238	.0171914	.000158	.0009994	-.181967	-.002315	.0193157

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000205	-.003609	.0077371	.0001875	-.002933	.0016022	-.001447
Stddev	.078775	.002066	.0010185	.0002684	.003682	.0005717	.000315
%RSD	38511.72	57.26131	13.16414	143.1674	125.5124	35.67963	21.79281

#1	-.090878	-.005209	.0087803	-.000116	-.002581	.0016621	-.001727
#2	.038876	-.001276	.0076859	.000392	-.006778	.0010030	-.001509
#3	.051389	-.004341	.0067452	.000287	.000560	.0021416	-.001105

Sample Name: PB113071BL Acquired: 9/28/2018 13:34:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	-.001325	.0010680	.0001011
Stddev	.001618	.0007239	.0000779
%RSD	122.1500	67.77750	77.09776

#1	-.001055	.0002515	.0000141
#2	.000141	.0016311	.0001646
#3	-.003061	.0013215	.0001244

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2560.831	2808.742	56867.93	5457.473	4318.806
Stddev	7.675	4.360	34.42	15.657	7.708
%RSD	.2996943	.1552458	.0605245	.2868989	.1784668

#1	2554.238	2805.520	56849.94	5439.410	4313.885
#2	2558.998	2813.704	56846.24	5467.170	4327.689
#3	2569.256	2807.003	56907.62	5465.840	4314.845

Sample Name: J4867-01 Acquired: 9/28/2018 13:42:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0379160	.0040723	.0567446	-.013248	.0016799	64.37797	.7976879
Stddev	.0040223	.0025927	.0004919	.002541	.0031493	.06844	.0018016
%RSD	10.60841	63.66585	.8668589	19.17903	187.4722	.1063164	.2258581

#1	.0392245	.0013796	.0564808	-.010551	.0042083	64.40959	.7997155
#2	.0411212	.0065518	.0564409	-.013597	.0026792	64.42489	.7962710
#3	.0334024	.0042854	.0573122	-.015597	-.001848	64.29944	.7970772

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047378	.0004428	60.33450	.0481587	.0478956	.1629462	111.4506
Stddev	.0000927	.0000430	.12309	.0002865	.0002628	.0030162	.3772
%RSD	1.956348	9.707678	.2040122	.5949577	.5486042	1.851043	.3384119

#1	.0048089	.0004173	60.33356	.0478642	.0479354	.1654988	111.4949
#2	.0046329	.0004186	60.45805	.0481753	.0476153	.1637218	111.8036
#3	.0047714	.0004924	60.21188	.0484366	.0481362	.1596179	111.0532

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.834965	35.78961	.0571632	.0024087	2.334830	.2271634	.3032065
Stddev	.014598	.17088	.0005027	.0003655	.125872	.0036650	.0125231
%RSD	.3806598	.4774439	.8793552	15.17407	5.391055	1.613355	4.130223

#1	3.844233	35.63139	.0567526	.0021293	2.443546	.2299654	.3014292
#2	3.842524	35.76663	.0570133	.0028223	2.196929	.2285091	.3165233
#3	3.818137	35.97081	.0577238	.0022744	2.364014	.2230159	.2916670

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.40116	3.556682	.0512169	.0049128	7.688932	13.65666	.0034998
Stddev	.05061	.012422	.0017449	.0001501	.016690	.01560	.0011014
%RSD	.2750464	.3492665	3.406942	3.054729	.2170704	.1142036	31.47160

#1	18.39992	3.547071	.0528161	.0049899	7.677684	13.65542	.0022631
#2	18.35118	3.552266	.0514787	.0050087	7.681003	13.64173	.0038612
#3	18.45238	3.570709	.0493559	.0047399	7.708109	13.67285	.0043751

Sample Name: J4867-01 Acquired: 9/28/2018 13:42:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKD5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.071204	.1223304	.5603469
Stddev	.001446	.0017664	.0009940
%RSD	.0698200	1.443987	.1773965

#1	2.071868	.1204475	.5614146
#2	2.072198	.1225925	.5594482
#3	2.069545	.1239511	.5601780

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2692.076	2918.992	60344.98	5769.936	4201.795
Stddev	8.621	1.450	245.61	22.637	3.329
%RSD	.3202398	.0496770	.4070178	.3923275	.0792320

#1	2702.027	2919.060	60552.62	5781.249	4201.644
#2	2686.863	2917.510	60408.48	5784.687	4205.198
#3	2687.338	2920.408	60073.86	5743.873	4198.544

Sample Name: J4867-02 Acquired: 9/28/2018 13:50:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0388302	.0055144	.0729751	-.014639	.0012309	78.93996	1.009537
Stddev	.0021097	.0016039	.0017406	.000914	.0004269	.40118	.000518
%RSD	5.433150	29.08483	2.385135	6.241800	34.68485	.5082047	.0512765

#1	.0398816	.0048061	.0723212	-.014444	.0007497	79.39651	1.009269
#2	.0364014	.0073505	.0716562	-.015635	.0015642	78.77962	1.010134
#3	.0402077	.0043866	.0749479	-.013839	.0013788	78.64375	1.009209

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059125	.0008651	42.39464	.0631353	.0636069	.2266818	135.0707
Stddev	.0000492	.0001046	.19569	.0004509	.0003520	.0020605	1.1391
%RSD	.8312399	12.09235	.4615826	.7142070	.5533799	.9089726	.8433691

#1	.0059524	.0008461	42.61979	.0632262	.0636280	.2289823	136.1035
#2	.0059276	.0007712	42.26554	.0635338	.0639478	.2260572	135.2597
#3	.0058576	.0009778	42.29859	.0626458	.0632448	.2250059	133.8489

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.514710	43.81365	.0744355	.0025081	3.144357	.2601627	.3647304
Stddev	.039687	.24142	.0001614	.0003216	.271880	.0027717	.0096632
%RSD	.8790530	.5510205	.2167800	12.82474	8.646594	1.065354	2.649420

#1	4.557594	43.99874	.0742781	.0022396	2.831581	.2601177	.3584334
#2	4.507262	43.90165	.0746006	.0024200	3.324138	.2629565	.3599014
#3	4.479276	43.54058	.0744278	.0028646	3.277351	.2574137	.3758563

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.29544	4.459967	.0620659	.0042917	5.081436	9.646102	.0040685
Stddev	.04443	.035680	.0040812	.0001113	.008408	.019395	.0004286
%RSD	.1992846	.8000007	6.575600	2.592365	.1654677	.2010628	10.53458

#1	22.25661	4.419924	.0662781	.0043808	5.088094	9.632249	.0045368
#2	22.28582	4.471597	.0617899	.0043275	5.071987	9.637789	.0036958
#3	22.34390	4.488382	.0581297	.0041670	5.084226	9.668267	.0039728

Sample Name: J4867-02 Acquired: 9/28/2018 13:50:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKD6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.119067	.1465545	.5901939
Stddev	.017521	.0008117	.0017007
%RSD	.8268349	.5538480	.2881534

#1	2.139298	.1461700	.5897375
#2	2.108769	.1460065	.5920762
#3	2.109135	.1474870	.5887680

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2700.473	2955.139	60458.77	5837.672	4175.934
Stddev	17.093	5.542	334.47	32.966	2.535
%RSD	.6329595	.1875427	.5532275	.5647031	.0607101

#1	2681.260	2949.043	60073.43	5802.264	4173.829
#2	2706.164	2959.874	60628.92	5867.476	4175.223
#3	2713.994	2956.500	60673.97	5843.275	4178.748

Sample Name: J4867-03 Acquired: 9/28/2018 13:54:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0566207	.0074110	.0851675	-.018752	.0030482	86.97406	1.106388
Stddev	.0033501	.0005109	.0013122	.001108	.0020351	.46784	.003857
%RSD	5.916781	6.893415	1.540742	5.907015	66.76220	.5379106	.3486427

#1	.0542497	.0070585	.0861305	-.019044	.0020141	87.16926	1.107956
#2	.0551592	.0079969	.0836729	-.019684	.0017379	87.31269	1.109214
#3	.0604533	.0071776	.0856991	-.017528	.0053927	86.44022	1.101994

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065980	.0008463	56.56056	.0683242	.0694272	.2474381	144.1261
Stddev	.0000473	.0001049	.44268	.0005397	.0002310	.0024249	.7283
%RSD	.7176741	12.39920	.7826669	.7898796	.3327510	.9799998	.5053286

#1	.0066512	.0007842	56.78313	.0677308	.0695353	.2447730	144.2166
#2	.0065604	.0007872	56.84779	.0687857	.0691620	.2480268	144.8049
#3	.0065825	.0009675	56.05077	.0684562	.0695844	.2495144	143.3568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.752980	46.70118	.0831288	.0030499	3.579506	.2853800	.3935648
Stddev	.036659	.35158	.0002565	.0003713	.169890	.0040649	.0075366
%RSD	.7712861	.7528225	.3085795	12.17530	4.746172	1.424372	1.914964

#1	4.750796	46.94625	.0828924	.0033995	3.484798	.2836671	.3922910
#2	4.790682	46.85893	.0834015	.0026601	3.775639	.2824519	.4016571
#3	4.717462	46.29836	.0830924	.0030900	3.478080	.2900210	.3867462

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.57823	4.961142	.0601573	.0048392	5.927018	8.978785	.0047281
Stddev	.03070	.011962	.0002403	.0001510	.017794	.031050	.0009164
%RSD	.1302235	.2411224	.3994976	3.120584	.3002232	.3458187	19.38101

#1	23.56392	4.947348	.0599873	.0048881	5.907201	9.012604	.0051513
#2	23.61348	4.968679	.0604322	.0049597	5.941629	8.972188	.0053563
#3	23.55729	4.967398	.0600523	.0046698	5.932223	8.951564	.0036766

Sample Name: J4867-03 Acquired: 9/28/2018 13:54:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKD7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.973625	.1580798	.7056536
Stddev	.012842	.0005962	.0011411
%RSD	.6506749	.3771362	.1617108

#1	1.983302	.1586106	.7058479
#2	1.978517	.1581940	.7066851
#3	1.959056	.1574348	.7044278

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2701.605	2947.199	60685.53	5873.552	4136.297
Stddev	19.355	6.974	292.96	24.925	5.084
%RSD	.7164188	.2366157	.4827525	.4243552	.1229085

#1	2699.158	2939.990	60898.79	5857.747	4135.150
#2	2683.590	2947.696	60351.49	5860.624	4141.856
#3	2722.067	2953.911	60806.32	5902.284	4131.884

Sample Name: J4867-04 Acquired: 9/28/2018 13:58:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0750625	.0052714	.0918199	-.019401	.0046122	97.85093	1.446223
Stddev	.0028156	.0011581	.0019452	.001233	.0009573	.28643	.002125
%RSD	3.750999	21.96992	2.118542	6.355596	20.75526	.2927248	.1469113

#1	.0777251	.0041264	.0928055	-.020821	.0041602	97.55864	1.444817
#2	.0721155	.0064422	.0930751	-.018770	.0039647	98.13112	1.448667
#3	.0753467	.0052458	.0895791	-.018610	.0057118	97.86303	1.445184

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068264	.0013281	119.8161	.0784640	.0945516	.2641264	158.0685
Stddev	.0001297	.0001965	.7270	.0006276	.0003119	.0052422	.4632
%RSD	1.899302	14.79271	.6067489	.7998365	.3299202	1.984747	.2930618

#1	.0067720	.0011609	118.9785	.0783283	.0942499	.2657432	157.5609
#2	.0067329	.0015445	120.1865	.0779154	.0945320	.2683697	158.4684
#3	.0069744	.0012789	120.2832	.0791484	.0948728	.2582662	158.1761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.760495	51.73119	.0984890	.0024952	4.915299	.3347075	.4436107
Stddev	.037758	.10811	.0001670	.0004397	.145906	.0071955	.0090292
%RSD	.7931456	.2089785	.1695521	17.62182	2.968405	2.149781	2.035397

#1	4.718071	51.76740	.0986289	.0028982	4.747348	.3288110	.4334512
#2	4.790415	51.60962	.0983041	.0025611	4.987741	.3325864	.4466619
#3	4.772998	51.81654	.0985340	.0020263	5.010807	.3427251	.4507190

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.10188	6.269930	.0662088	.0059753	5.290795	13.77057	.0046417
Stddev	.01411	.008984	.0038636	.0003025	.021811	.04477	.0002267
%RSD	.0520645	.1432803	5.835444	5.063143	.4122353	.3251452	4.884943

#1	27.08841	6.275293	.0663254	.0057314	5.273417	13.71922	.0047956
#2	27.10067	6.259558	.0700127	.0058807	5.283697	13.79103	.0047482
#3	27.11655	6.274938	.0622882	.0063139	5.315270	13.80146	.0043813

Sample Name: J4867-04 Acquired: 9/28/2018 13:58:46 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKD8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.872303	.1730901	1.167133
Stddev	.006838	.0015411	.001117
%RSD	.2380732	.8903227	.0957320

#1	2.867987	.1720909	1.167394
#2	2.880187	.1748648	1.168097
#3	2.868734	.1723145	1.165909

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2674.031	2941.920	60498.88	5871.822	4070.024
Stddev	16.316	5.770	186.43	10.496	8.835
%RSD	.6101481	.1961422	.3081582	.1787507	.2170721

#1	2665.186	2935.296	60607.30	5880.829	4067.008
#2	2664.049	2944.610	60283.61	5860.296	4079.971
#3	2692.859	2945.854	60605.74	5874.342	4063.091

Sample Name: J4867-05 Acquired: 9/28/2018 14:02:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKD9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0432323	.0030404	.0592890	-.015063	.0025835	66.78560	1.489928
Stddev	.0006603	.0001406	.0009609	.003589	.0012722	.28761	.005884
%RSD	1.527313	4.623407	1.620692	23.82645	49.24314	.4306512	.3949466

#1	.0427703	.0029252	.0581796	-.010923	.0037454	67.04452	1.495240
#2	.0429380	.0029989	.0598625	-.017298	.0027809	66.47602	1.483603
#3	.0439885	.0031970	.0598248	-.016968	.0012241	66.83625	1.490943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045487	.0004455	48.89235	.0787569	.0694569	.1320906	119.7725
Stddev	.0000629	.0000657	.26754	.0006994	.0002624	.0031368	1.0515
%RSD	1.382373	14.75710	.5471985	.8880573	.3777429	2.374761	.8779303

#1	.0046212	.0003699	49.17075	.0793238	.0697270	.1295081	120.6478
#2	.0045086	.0004770	48.63719	.0789714	.0694406	.1355813	118.6061
#3	.0045163	.0004896	48.86913	.0779753	.0692030	.1311823	120.0637

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.940122	35.74601	.0735938	.0012235	4.771564	.2681484	.3359474
Stddev	.027383	.18013	.0006661	.0004304	.055368	.0015231	.0100219
%RSD	.9313567	.5039173	.9050952	35.17689	1.160381	.5680028	2.983162

#1	2.960004	35.93740	.0738663	.0016823	4.771391	.2674673	.3248138
#2	2.908888	35.57979	.0740805	.0008287	4.827018	.2670847	.3442473
#3	2.951473	35.72083	.0728347	.0011596	4.716282	.2698932	.3387812

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.02670	6.581667	.0441905	.0029786	2.675877	11.57196	.0062695
Stddev	.04858	.011771	.0024457	.0000822	.008084	.12517	.0009511
%RSD	.2553035	.1788504	5.534378	2.757921	.3020887	1.081627	15.17054

#1	19.06276	6.571387	.0436078	.0029071	2.682782	11.70390	.0063997
#2	19.04589	6.579107	.0420888	.0029603	2.677864	11.55708	.0052600
#3	18.97147	6.594508	.0468749	.0030683	2.666985	11.45490	.0071488

Sample Name: J4867-05 Acquired: 9/28/2018 14:02:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKD9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.580934	.1191539	.8127157
Stddev	.019600	.0012274	.0013847
%RSD	.5473499	1.030090	.1703787

#1	3.586948	.1177899	.8143134
#2	3.559031	.1195023	.8119698
#3	3.596823	.1201693	.8118639

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2702.304	2958.427	60573.33	5805.950	4214.726
Stddev	15.051	3.632	328.91	31.928	4.420
%RSD	.5569800	.1227643	.5429936	.5499266	.1048627

#1	2716.903	2954.241	60946.56	5770.520	4212.404
#2	2703.172	2960.745	60447.61	5814.832	4211.950
#3	2686.838	2960.295	60325.83	5832.496	4219.822

Sample Name: J4867-06 Acquired: 9/28/2018 14:06:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKD9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0470310	.0020125	.0611512	-.013969	.0027444	66.77094	1.492734
Stddev	.0026882	.0022506	.0014200	.003902	.0017514	.21257	.000807
%RSD	5.715711	111.8318	2.322160	27.93096	63.81737	.3183551	.0540429

#1	.0488008	-.000365	.0626578	-.009949	.0028812	66.59131	1.491803
#2	.0439377	.004110	.0598375	-.017741	.0044234	67.00562	1.493177
#3	.0483545	.002293	.0609583	-.014219	.0009286	66.71591	1.493222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045817	.0004330	48.69555	.0794243	.0695639	.1323361	119.5427
Stddev	.0000599	.0000638	.34259	.0003220	.0001701	.0035379	.6325
%RSD	1.307191	14.72937	.7035323	.4053742	.2444867	2.673442	.5291166

#1	.0046289	.0003662	48.59091	.0796411	.0696502	.1296359	118.9658
#2	.0046019	.0004395	49.07825	.0795776	.0693680	.1310313	120.2190
#3	.0045144	.0004933	48.41748	.0790544	.0696736	.1363411	119.4432

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.921399	35.53619	.0738998	.0013132	4.846799	.2747324	.3415523
Stddev	.025944	.03574	.0001410	.0002987	.026241	.0045204	.0032620
%RSD	.8880780	.1005712	.1907605	22.74784	.5414099	1.645392	.9550433

#1	2.907916	35.57460	.0737401	.0010055	4.856750	.2790969	.3379238
#2	2.951309	35.50392	.0739522	.0016021	4.866610	.2750295	.3424912
#3	2.904973	35.53004	.0740070	.0013322	4.817038	.2700707	.3442418

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.97835	6.647985	.0442601	.0029597	2.694319	11.44440	.0072236
Stddev	.06095	.012311	.0015417	.0002279	.003781	.06417	.0008186
%RSD	.3211471	.1851769	3.483185	7.698266	.1403286	.5606699	11.33278

#1	18.97459	6.653933	.0425984	.0031727	2.698677	11.47618	.0064013
#2	19.04109	6.633830	.0445377	.0029871	2.691907	11.48648	.0072311
#3	18.91936	6.656192	.0456440	.0027195	2.692374	11.37055	.0080385

Sample Name: J4867-06 Acquired: 9/28/2018 14:06:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKD9D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.583234	.1202589	.8130242
Stddev	.013033	.0015151	.0007374
%RSD	.3637081	1.259864	.0907012

#1	3.576193	.1204076	.8121844
#2	3.598272	.1216942	.8133223
#3	3.575235	.1186749	.8135659

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2697.291	2963.380	60599.20	5881.882	4214.407
Stddev	7.311	2.207	109.86	25.174	2.001
%RSD	.2710347	.0744617	.1812893	.4279844	.0474713

#1	2697.290	2962.470	60714.55	5863.325	4212.101
#2	2704.602	2961.774	60587.25	5871.784	4215.434
#3	2689.981	2965.896	60495.81	5910.536	4215.686

Sample Name: J4867-07 Acquired: 9/28/2018 14:10:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKD9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1158426	.1025254	.0975279	.0756078	.1914485	71.52129	5.578434
Stddev	.0017731	.0031494	.0012894	.0009706	.0021553	.17470	.007817
%RSD	1.530650	3.071775	1.322120	1.283692	1.125795	.2442636	.1401212

#1	.1137965	.1061563	.0981814	.0759835	.1939272	71.66000	5.586817
#2	.1169299	.1008855	.0983597	.0763343	.1904027	71.57877	5.577138
#3	.1168014	.1005344	.0960425	.0745055	.1900157	71.32509	5.571346

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1001298	.1018659	48.60732	.4963711	1.106788	.6482058	123.1146
Stddev	.0007087	.0000551	.10268	.0014746	.002414	.0038870	.3405
%RSD	.7077776	.0540722	.2112525	.2970761	.2180665	.5996529	.2765311

#1	.1001568	.1018090	48.67043	.4968132	1.104755	.6485814	123.0209
#2	.1008247	.1019190	48.66269	.4947260	1.106154	.6518913	123.4921
#3	.0994080	.1018698	48.48883	.4975741	1.109455	.6441446	122.8308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.907645	35.29137	1.114025	.0934335	4.743606	1.316806	1.352478
Stddev	.006505	.19774	.003022	.0001641	.285769	.004925	.020780
%RSD	.1664610	.5603206	.2713129	.1756758	6.024299	.3740227	1.536441

#1	3.901063	35.13980	1.114786	.0933666	4.417160	1.312606	1.347757
#2	3.914069	35.51505	1.110694	.0936205	4.865133	1.322227	1.334465
#3	3.907803	35.21926	1.116594	.0933134	4.948526	1.315586	1.375213

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.51996	58.07871	.9376136	.9255079	49.55259	14.52205	.0075421
Stddev	.06898	.27477	.0100228	.0014658	.12694	.12521	.0006787
%RSD	.3724766	.4730992	1.068966	.1583780	.2561784	.8622062	8.998185

#1	18.44402	57.96198	.9414446	.9266332	49.57254	14.56453	.0078199
#2	18.57874	57.88158	.9451557	.9260403	49.41685	14.62050	.0067686
#3	18.53713	58.39258	.9262403	.9238504	49.66837	14.38113	.0080377

Sample Name: J4867-07 Acquired: 9/28/2018 14:10:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKD9S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.908693	.1196550	.8146450
Stddev	.004013	.0016949	.0013098
%RSD	.1026785	1.416518	.1607849

#1	3.905864	.1201788	.8144305
#2	3.913286	.1210261	.8160489
#3	3.906929	.1177599	.8134558

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2679.375	2940.328	60447.99	5883.077	4227.017
Stddev	19.373	2.384	265.79	48.094	2.284
%RSD	.7230472	.0810697	.4397050	.8175024	.0540407

#1	2699.701	2940.061	60754.89	5894.648	4225.412
#2	2661.121	2938.089	60296.74	5830.253	4229.632
#3	2677.304	2942.834	60292.33	5924.331	4226.006

Sample Name: J4867-05LX5 Acquired: 9/28/2018 14:14:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKD9LX5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0140523	.0018138	.0134646	-.006464	-.000559	14.56644	.3388969
Stddev	.0016541	.0023542	.0014261	.002610	.000827	.04150	.0018412
%RSD	11.77067	129.7968	10.59157	40.37602	148.0319	.2849173	.5432999

#1	.0159289	.0013445	.0127844	-.003462	.000341	14.52016	.3397672
#2	.0134219	.0043673	.0125060	-.008198	-.001286	14.57882	.3367818
#3	.0128062	-.000270	.0151035	-.007732	-.000731	14.60035	.3401417

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014584	.0004840	10.92806	.0247790	.0178863	.0320517	25.08173
Stddev	.0000408	.0000411	.15007	.0004153	.0002158	.0077582	.27989
%RSD	2.797844	8.501317	1.373260	1.676099	1.206664	24.20513	1.115909

#1	.0014136	.0005311	10.76905	.0252548	.0181271	.0236476	24.75945
#2	.0014683	.0004657	10.94790	.0244893	.0177102	.0335673	25.26384
#3	.0014934	.0004551	11.06722	.0245928	.0178218	.0389402	25.22191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6692246	7.909610	.0220697	.0010779	.8161738	.0595425	.0876316
Stddev	.0089064	.115405	.0005144	.0004843	.1877129	.0043168	.0073026
%RSD	1.330859	1.459054	2.330710	44.93371	22.99914	7.249967	8.333311

#1	.6615682	7.834177	.0218113	.0010871	1.031726	.0604283	.0814899
#2	.6671065	7.852191	.0226620	.0015575	.728124	.0633477	.0957062
#3	.6789992	8.042463	.0217357	.0005890	.688671	.0548515	.0856986

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.025569	1.418759	.0094547	.0014216	.5672541	2.608734	.0007859
Stddev	.049191	.007513	.0005802	.0002397	.0019187	.040692	.0008890
%RSD	1.221961	.5295470	6.136964	16.86075	.3382390	1.559847	113.1101

#1	3.969958	1.426964	.0088117	.0012029	.5685581	2.568132	.0014350
#2	4.063392	1.412216	.0099393	.0013841	.5681532	2.608556	-.000227
#3	4.043357	1.417099	.0096132	.0016778	.5650510	2.649516	.001150

Sample Name: J4867-05LX5 Acquired: 9/28/2018 14:14:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKD9LX5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7901195	.0246623	.1791133
Stddev	.0056086	.0011280	.0001776
%RSD	.7098372	4.573663	.0991523

#1	.7883812	.0247739	.1789579
#2	.7855859	.0257304	.1790751
#3	.7963914	.0234827	.1793069

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2594.016	2844.113	57559.58	5530.850	4304.807
Stddev	10.339	6.112	206.74	64.227	7.332
%RSD	.3985607	.2149057	.3591748	1.161244	.1703203

#1	2582.519	2850.947	57330.23	5591.220	4311.582
#2	2602.549	2842.224	57616.92	5537.970	4305.817
#3	2596.981	2839.169	57731.60	5463.360	4297.023

Sample Name: PB113097BL Acquired: 9/28/2018 14:18:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	-.001820	.0007995	.0000953	-.005277	-.001063	-.006591	-.001219
Stddev	.001599	.0004356	.0010916	.001098	.000949	.020838	.000215
%RSD	87.82552	54.47771	1145.848	20.80969	89.30965	316.1488	17.63179

#1	-.000048	.0004187	.0008392	-.004016	-.001968	-.004183	-.000982
#2	-.003154	.0007055	.0006045	-.005793	-.001146	.012938	-.001401
#3	-.002259	.0012745	-.001158	-.006022	-.000075	-.028528	-.001274

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000929	-.000042	-.012395	.0006105	-.000043	.0001301	.0032945
Stddev	.0000151	.000058	.011875	.0004338	.000151	.0056094	.0055451
%RSD	16.24569	137.9808	95.80694	71.05434	348.8072	4310.218	168.3110

#1	.0000774	-.000107	-.026071	.0001483	-.000217	.0065406	.0053615
#2	.0001075	-.000021	-.004698	.0006744	.000058	-.003878	-.002987
#3	.0000938	.000003	-.006416	.0010088	.000029	-.002272	.007509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001560	-.068794	.0001538	.0008434	-.437184	-.000715	.0030388
Stddev	.0011612	.076996	.0001282	.0002704	.239809	.004721	.0090548
%RSD	744.4391	111.9228	83.34808	32.05963	54.85302	660.5840	297.9720

#1	.0014924	-.156328	.0002146	.0006002	-.713577	-.001110	.0107094
#2	-.000417	-.011546	.0002403	.0011346	-.313601	.004192	-.006950
#3	-.000607	-.038508	.0000065	.0007956	-.284374	-.005226	.005357

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.112671	-.003169	.0007548	.0003188	-.001950	.0005361	-.001628
Stddev	.030811	.000894	.0007997	.0001841	.001625	.0015703	.000495
%RSD	27.34581	28.21685	105.9449	57.73989	83.30700	292.9424	30.41021

#1	-.141697	-.003414	.0008187	.0005082	-.003427	.0008936	-.001252
#2	-.115975	-.003916	-.000075	.0003076	-.000210	.0018968	-.002189
#3	-.080341	-.002178	.001521	.0001406	-.002215	-.001182	-.001444

Sample Name: PB113097BL Acquired: 9/28/2018 14:18:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	-.004418	-.002788	.0001776
Stddev	.000878	.000529	.0000690
%RSD	19.87502	18.95652	38.85629

#1	-.003449	-.003385	.0000981
#2	-.005161	-.002379	.0002132
#3	-.004644	-.002600	.0002216

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2535.147	2777.376	55884.17	5320.097	4257.443
Stddev	8.717	7.720	98.75	44.955	7.634
%RSD	.3438536	.2779714	.1766991	.8450060	.1793170

#1	2545.162	2771.192	55996.61	5372.000	4255.560
#2	2529.271	2786.029	55844.33	5294.850	4265.843
#3	2531.007	2774.906	55811.56	5293.440	4250.926

Sample Name: J4972-20 Acquired: 9/28/2018 14:26:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0712281	.0072456	.0929003	-.022678	.0051221	105.6550	1.142537
Stddev	.0034957	.0006720	.0009975	.002617	.0022249	.4757	.003192
%RSD	4.907740	9.275243	1.073723	11.54015	43.43649	.4502683	.2794180

#1	.0747601	.0077777	.0924388	-.020174	.0027093	105.1060	1.140409
#2	.0711544	.0064904	.0922171	-.025395	.0055644	105.9138	1.140995
#3	.0677699	.0074687	.0940450	-.022466	.0070926	105.9452	1.146208

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073725	.0011045	81.88127	.0785873	.0754340	.2641622	170.6892
Stddev	.0000388	.0001606	.68531	.0007304	.0000671	.0013038	1.5722
%RSD	.5266560	14.54175	.8369503	.9294572	.0889216	.4935628	.9211167

#1	.0073279	.0012375	81.09261	.0777537	.0754277	.2644566	169.0167
#2	.0073993	.0009261	82.33182	.0788924	.0753703	.2627364	172.1370
#3	.0073901	.0011500	82.21937	.0791157	.0755040	.2652937	170.9139

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.412953	51.70916	.0943009	.0029303	3.543618	.3419215	.4174347
Stddev	.051559	.51521	.0001469	.0003322	.112894	.0033070	.0109613
%RSD	.9525097	.9963620	.1558077	11.33511	3.185826	.9671899	2.625863

#1	5.354649	51.11426	.0944467	.0026770	3.416950	.3386942	.4232465
#2	5.431672	52.00873	.0943034	.0028075	3.580281	.3417676	.4047914
#3	5.452538	52.00451	.0941528	.0033063	3.633624	.3453029	.4242662

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.86209	5.167833	.0750777	.0049675	6.509265	19.41882	.0067140
Stddev	.08824	.007122	.0011852	.0001305	.005584	.21434	.0009459
%RSD	.3549313	.1378054	1.578613	2.627196	.0857789	1.103770	14.08767

#1	24.76353	5.175932	.0758077	.0049515	6.505796	19.17199	.0056691
#2	24.88897	5.165015	.0737102	.0051052	6.506294	19.55801	.0075116
#3	24.93377	5.162552	.0757151	.0048457	6.515706	19.52645	.0069613

Sample Name: J4972-20 Acquired: 9/28/2018 14:26:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKB2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.367668	.1659397	.8000049
Stddev	.012992	.0007331	.0018499
%RSD	.3857833	.4418049	.2312421

#1	3.352690	.1652510	.7979925
#2	3.374420	.1667103	.8003908
#3	3.375893	.1658577	.8016315

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2691.965	2925.360	60545.22	5847.277	4074.474
Stddev	12.005	8.303	196.83	37.022	11.069
%RSD	.4459743	.2838357	.3250995	.6331461	.2716775

#1	2678.183	2919.112	60391.22	5890.016	4062.201
#2	2697.557	2934.782	60477.46	5826.699	4083.703
#3	2700.155	2922.186	60766.98	5825.115	4077.518

Sample Name: J4972-21 Acquired: 9/28/2018 14:30:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKB2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0720571	.0065233	.0925537	-.019497	.0018610	106.1499	1.143571
Stddev	.0013734	.0016351	.0012277	.003427	.0005873	.5607	.004557
%RSD	1.906047	25.06547	1.326521	17.57762	31.55912	.5282417	.3984626

#1	.0731696	.0066261	.0928359	-.015732	.0019897	106.7322	1.146121
#2	.0705221	.0081047	.0936158	-.020323	.0023733	105.6135	1.138310
#3	.0724798	.0048393	.0912094	-.022435	.0012200	106.1041	1.146281

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074210	.0009005	81.44620	.0793090	.0751333	.2640512	170.2918
Stddev	.0001344	.0000439	.68217	.0002940	.0004257	.0068072	1.4692
%RSD	1.810356	4.875101	.8375735	.3706455	.5666026	2.577979	.8627404

#1	.0075697	.0008598	82.22133	.0790052	.0756106	.2705782	171.9822
#2	.0073083	.0008948	80.93723	.0795920	.0747929	.2569948	169.3222
#3	.0073851	.0009470	81.18004	.0793298	.0749964	.2645805	169.5712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.388525	51.47416	.0941854	.0026641	3.616477	.3424286	.4361665
Stddev	.037605	.23192	.0001222	.0001568	.073273	.0120601	.0020475
%RSD	.6978720	.4505468	.1297732	5.885676	2.026081	3.521925	.4694357

#1	5.431947	51.74047	.0940503	.0027118	3.634495	.3289213	.4352320
#2	5.366547	51.36534	.0942176	.0027915	3.679061	.3521167	.4385146
#3	5.367082	51.31666	.0942883	.0024890	3.535876	.3462476	.4347530

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.90490	5.111556	.0755240	.0049514	6.498287	20.12011	.0057194
Stddev	.12053	.016849	.0025898	.0003337	.007610	.16956	.0007093
%RSD	.4839774	.3296311	3.429146	6.738928	.1171089	.8427513	12.40189

#1	25.01508	5.123196	.0766307	.0046823	6.489696	20.28314	.0064957
#2	24.77616	5.092235	.0725647	.0053248	6.500984	19.94470	.0055576
#3	24.92346	5.119237	.0773767	.0048472	6.504182	20.13249	.0051050

Sample Name: J4972-21 Acquired: 9/28/2018 14:30:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKB2D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.409904	.1677940	.7999093
Stddev	.019396	.0011005	.0025362
%RSD	.5688274	.6558550	.3170675

#1	3.429257	.1677355	.8020534
#2	3.390464	.1689226	.7971096
#3	3.409992	.1667240	.8005650

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2692.072	2936.352	60474.64	5823.379	4089.767
Stddev	15.079	5.664	485.51	65.492	4.380
%RSD	.5601300	.1928990	.8028293	1.124639	.1070851

#1	2676.043	2942.223	60102.26	5748.262	4092.560
#2	2694.195	2930.921	60297.90	5868.508	4084.719
#3	2705.976	2935.913	61023.76	5853.367	4092.021

Sample Name: J4972-22 Acquired: 9/28/2018 14:34:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKB2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1400201	.1012864	.1273672	.0697303	.1898245	106.0982	5.070766
Stddev	.0020174	.0009640	.0027739	.0003216	.0005611	.0833	.005490
%RSD	1.440822	.9517231	2.177909	.4611867	.2956011	.0784913	.1082759

#1	.1403098	.1010025	.1269022	.0699874	.1892264	106.0295	5.072619
#2	.1378735	.1023604	.1248553	.0693697	.1903394	106.0743	5.064589
#3	.1418771	.1004962	.1303443	.0698338	.1899077	106.1908	5.075089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1014754	.0992712	78.84396	.4853483	1.082468	.7458704	167.7799
Stddev	.0004044	.0001665	.27177	.0019275	.001650	.0062951	.4500
%RSD	.3984993	.1677102	.3446892	.3971327	.1524509	.8439887	.2682082

#1	.1014713	.0991073	78.60071	.4856908	1.081422	.7527972	167.3338
#2	.1018818	.0992660	78.79387	.4870815	1.081612	.7443156	168.2337
#3	.1010731	.0994402	79.13728	.4832725	1.084370	.7404984	167.7723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.216436	50.06220	1.106571	.0922255	3.452815	1.334710	1.389076
Stddev	.019193	.27341	.001166	.0005251	.049562	.006054	.013118
%RSD	.3087508	.5461328	.1053462	.5694031	1.435413	.4536020	.9443987

#1	6.201001	49.75055	1.106263	.0926241	3.501611	1.341531	1.393511
#2	6.210380	50.17441	1.105590	.0916305	3.454314	1.329973	1.374315
#3	6.237926	50.26166	1.107860	.0924220	3.402521	1.332626	1.399403

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.01777	55.79069	1.022519	.9256964	51.29219	19.23500	.0063239
Stddev	.10422	.14515	.002713	.0008302	.01749	.02165	.0005274
%RSD	.4339190	.2601754	.2653255	.0896807	.0341074	.1125751	8.339402

#1	24.07021	55.65303	1.020371	.9253923	51.27690	19.22260	.0065686
#2	23.89775	55.77671	1.025568	.9250612	51.31127	19.26000	.0057186
#3	24.08536	55.94232	1.021617	.9266358	51.28840	19.22239	.0066845

Sample Name: J4972-22 Acquired: 9/28/2018 14:34:57 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKB2S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.276607	.1656825	.7697212
Stddev	.006704	.0014826	.0007731
%RSD	.2045954	.8948125	.1004351

#1	3.272208	.1653948	.7689775
#2	3.284322	.1643649	.7696654
#3	3.273290	.1672878	.7705207

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2681.629	2935.502	60551.07	5811.462	4139.256
Stddev	12.882	1.816	371.08	13.206	4.182
%RSD	.4803982	.0618646	.6128411	.2272374	.1010401

#1	2692.572	2933.405	60979.29	5825.075	4142.512
#2	2684.882	2936.545	60350.29	5810.607	4140.717
#3	2667.431	2936.555	60323.64	5798.705	4134.539

Sample Name: J4972-20LX5 Acquired: 9/28/2018 14:38:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKB2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174756	.0019523	.0194737	-.006742	-.000800	22.30370	.2416038
Stddev	.0010500	.0000809	.0011566	.004805	.001201	.18914	.0014839
%RSD	6.008234	4.145730	5.939367	71.26881	150.2331	.8480410	.6141894

#1	.0182131	.0019588	.0190344	-.001198	-.000995	22.28728	.2415900
#2	.0162734	.0018683	.0186011	-.009699	.000487	22.12329	.2401268
#3	.0179401	.0020298	.0207856	-.009327	-.001891	22.50051	.2430945

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017548	.0001477	17.46165	.0342578	.0149579	.0565457	34.48852
Stddev	.0000394	.0000353	.29067	.0003353	.0001832	.0017273	.55806
%RSD	2.242322	23.92633	1.664636	.9786252	1.224602	3.054652	1.618113

#1	.0017277	.0001483	17.48575	.0338785	.0148267	.0545838	34.52377
#2	.0017999	.0001827	17.15968	.0343807	.0148798	.0578378	33.91366
#3	.0017367	.0001120	17.73952	.0345143	.0151672	.0572155	35.02812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.165358	10.95535	.0275510	.0006754	.4689049	.0702200	.0857320
Stddev	.011833	.09892	.0002465	.0005828	.3043464	.0035214	.0106721
%RSD	1.015392	.9028962	.8947867	86.29436	64.90578	5.014834	12.44822

#1	1.170994	10.98922	.0278352	.0011171	.8200703	.0669715	.0741493
#2	1.151761	10.84395	.0273938	.0000148	.3051055	.0739622	.0951668
#3	1.173320	11.03289	.0274242	.0008943	.2815388	.0697264	.0878797

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.036154	1.038105	.0158019	.0030537	1.328365	4.353499	.0001547
Stddev	.028138	.005992	.0006652	.0004410	.009094	.058403	.0006123
%RSD	.5587164	.5772442	4.209574	14.44066	.6846331	1.341528	395.9053

#1	5.010039	1.043784	.0155858	.0028117	1.318691	4.344995	.0003387
#2	5.065952	1.031842	.0165483	.0027868	1.329664	4.299814	-.000529
#3	5.032469	1.038690	.0152717	.0035627	1.336740	4.415688	.000654

Sample Name: J4972-20LX5 Acquired: 9/28/2018 14:38:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKB2L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7220824	.0328957	.1696776
Stddev	.0065403	.0019243	.0003599
%RSD	.9057498	5.849800	.2121284

#1	.7245176	.0308191	.1692741
#2	.7146738	.0346186	.1697931
#3	.7270556	.0332494	.1699655

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2606.361	2865.049	57984.84	5518.017	4312.561
Stddev	8.190	2.233	238.65	49.540	5.853
%RSD	.3142314	.0779461	.4115806	.8977953	.1357216

#1	2612.545	2862.489	57864.84	5534.650	4310.054
#2	2597.073	2866.063	57829.99	5557.100	4308.379
#3	2609.465	2866.595	58259.68	5462.300	4319.250

Sample Name: PB113098BL Acquired: 9/28/2018 14:43:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	-.000759	.0017485	.0002314	-.001142	-.001629	.0020924	-.002044
Stddev	.004100	.0011262	.0013490	.001388	.001399	.0017308	.000475
%RSD	540.3743	64.40672	582.9489	121.5280	85.88061	82.71919	23.25848

#1	-.004776	.0027358	-.001001	-.000916	-.000628	.0004726	-.002232
#2	-.000919	.0005219	.000023	.000119	-.001031	.0039161	-.001504
#3	.003419	.0019879	.001672	-.002630	-.003228	.0018885	-.002398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000994	-.000081	-.039978	.0003564	.0001894	.0001886	.0111454
Stddev	.0000513	.000019	.002520	.0003959	.0003938	.0041242	.0108599
%RSD	51.62488	23.29496	6.303070	111.1001	207.8782	2186.354	97.43850

#1	.0000480	-.000101	-.041721	.0002213	.0004763	-.004568	.0143917
#2	.0001506	-.000064	-.041124	.0008021	-.000260	.002769	-.000967
#3	.0000997	-.000077	-.037089	.0000456	.000352	.002365	.020012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000079	-.017935	.0001509	.0004779	-.397190	-.005767	.0017885
Stddev	.001151	.066303	.0002207	.0001810	.203820	.002448	.0049932
%RSD	1448.495	369.6844	146.2842	37.87683	51.31543	42.45268	279.1859

#1	.001000	.018844	.0003760	.0003476	-.463583	-.007951	.0064387
#2	-.001292	.021827	.0001416	.0006846	-.559536	-.006229	.0024152
#3	.000053	-.094476	-.000065	.0004015	-.168452	-.003120	-.003488

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.039497	-.002978	.0005004	.0003615	.0005381	.0009311	-.000584
Stddev	.043861	.001868	.0005757	.0001314	.0055350	.0005648	.000493
%RSD	111.0471	62.74442	115.0524	36.34240	1028.630	60.65364	84.47441

#1	-.036225	-.003569	.0011383	.0002779	-.001913	.0015805	-.001139
#2	.002635	-.000885	.0000195	.0005129	-.003348	.0005550	-.000195
#3	-.084903	-.004479	.0003434	.0002936	.006875	.0006579	-.000418

Sample Name: PB113098BL Acquired: 9/28/2018 14:43:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	-.002304	-.003134	.0000917
Stddev	.001301	.001215	.0001221
%RSD	56.47027	38.78146	133.1149

#1	-.003740	-.003409	.0000647
#2	-.001204	-.004188	-.000015
#3	-.001968	-.001805	.000225

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2559.161	2802.426	56528.94	5444.567	4302.078
Stddev	21.305	4.236	148.17	19.914	3.538
%RSD	.8325101	.1511544	.2621169	.3657594	.0822487

#1	2581.769	2804.938	56577.28	5440.870	4303.987
#2	2556.256	2804.804	56646.91	5426.760	4304.252
#3	2539.457	2797.535	56362.64	5466.070	4297.995

Sample Name: J4976-17 Acquired: 9/28/2018 14:52:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKJ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0722025	.0089535	.1043602	-.021070	.0043437	130.6290	1.333328
Stddev	.0019091	.0003783	.0017721	.001741	.0015726	.2169	.003641
%RSD	2.644106	4.224632	1.698102	8.262715	36.20490	.1660415	.2730730

#1	.0706252	.0087688	.1023868	-.019547	.0053768	130.7291	1.329242
#2	.0716574	.0087031	.1048780	-.020694	.0051205	130.3801	1.334513
#3	.0743248	.0093887	.1058157	-.022968	.0025338	130.7777	1.336228

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091334	.0012010	118.8603	.0975352	.0922474	.2973115	208.4138
Stddev	.0000400	.0002213	.8451	.0002708	.0004490	.0013297	1.3537
%RSD	.4374822	18.42258	.7110441	.2776116	.4867132	.4472492	.6495355

#1	.0091488	.0009663	119.4181	.0974393	.0923348	.2985612	209.1039
#2	.0090881	.0014058	117.8880	.0973254	.0917612	.2959140	206.8541
#3	.0091634	.0012308	119.2749	.0978408	.0926463	.2974592	209.2834

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.941777	66.45208	.1167053	.0065840	3.844712	.3826061	.5305481
Stddev	.037143	.29221	.0002513	.0004038	.174792	.0101415	.0153687
%RSD	.5350652	.4397265	.2152877	6.132624	4.546300	2.650635	2.896767

#1	6.972920	66.78740	.1169621	.0070136	3.672532	.3833984	.5164690
#2	6.900668	66.25193	.1164599	.0062123	4.022004	.3720917	.5282319
#3	6.951744	66.31690	.1166938	.0065261	3.839599	.3923282	.5469435

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.87314	6.014598	.1000304	.0064372	10.36118	10.12881	.0055819
Stddev	.14380	.018458	.0043839	.0003448	.02023	.01579	.0009022
%RSD	.4511715	.3068947	4.382553	5.355604	.1952334	.1559218	16.16223

#1	31.94730	5.996887	.1005137	.0068311	10.38278	10.14690	.0053256
#2	31.70740	6.013183	.0954249	.0062898	10.34268	10.11781	.0048356
#3	31.96472	6.033723	.1041526	.0061906	10.35809	10.12171	.0065844

Sample Name: J4976-17 Acquired: 9/28/2018 14:52:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKJ6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.181565	.2577807	1.040787
Stddev	.013085	.0012697	.002111
%RSD	.4112783	.4925407	.2028520

#1	3.190077	.2564745	1.040720
#2	3.166498	.2578571	1.038710
#3	3.188120	.2590104	1.042931

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2696.956	2946.345	61158.61	5903.373	4042.746
Stddev	20.149	4.618	223.98	36.278	3.918
%RSD	.7471154	.1567323	.3662279	.6145251	.0969176

#1	2679.713	2944.809	61015.32	5869.209	4040.561
#2	2719.105	2951.535	61416.72	5941.447	4047.269
#3	2692.051	2942.690	61043.79	5899.462	4040.408

Sample Name: PB113071BS Acquired: 9/28/2018 15:00:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.0175315	.0478484	.0188919	.0634853	.1129890	.3630479
Stddev	.0031258	.0008580	.0007117	.0014059	.0014363	.0069346
%RSD	17.82950	1.793067	3.767109	2.214554	1.271175	1.910114

#1	.0140516	.0468738	.0194971	.0640442	.1130558	.3710428
#2	.0184417	.0484897	.0190709	.0645259	.1143907	.3594389
#3	.0201011	.0481816	.0181079	.0618859	.1115205	.3586621

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3857901	.0101114	.0095864	10.20014	.0225872	.0937056
Stddev	.0002921	.0000530	.0000503	.01076	.0002976	.0005366
%RSD	.0757170	.5245195	.5242725	.1055152	1.317728	.5726650

#1	.3858942	.0101632	.0096424	10.18938	.0225524	.0933788
#2	.3860158	.0101137	.0095715	10.20014	.0223085	.0934131
#3	.3854602	.0100572	.0095453	10.21090	.0229007	.0943249

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522417	.1601169	.0322462	9.756097	.0780732	.0190972
Stddev	.0020662	.0118312	.0002970	.022042	.0005723	.0001789
%RSD	3.955122	7.389123	.9211395	.2259288	.7329780	.9366992

#1	.0513630	.1680673	.0322378	9.753022	.0780540	.0193029
#2	.0546021	.1465203	.0319535	9.779515	.0775108	.0189782
#3	.0507601	.1657630	.0325474	9.735755	.0786548	.0190104

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.297989	.1045465	.1132230	9.148891	F 9.325959	F .2058242
Stddev	.156662	.0075349	.0099297	.036096	.037194	.0017874
%RSD	1.684905	7.207199	8.770042	.3945344	.3988247	.8683894

#1	9.288811	.1121015	.1208751	9.145788	9.325025	.2050671
#2	9.459039	.1045059	.1167918	9.186438	9.289240	.2078656
#3	9.146118	.0970319	.1020022	9.114447	9.363611	.2045401

Sample Name: PB113071BS Acquired: 9/28/2018 15:00:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	F .1012772	8.147669	.1914227	F .0123696	.1958343	.0882715
Stddev	.0003040	.023290	.0031493	.0004547	.0042383	.0015175
%RSD	.3001375	.2858510	1.645188	3.676077	2.164250	1.719130

#1	.1014882	8.134531	.1884785	.0128742	.2004572	.0889038
#2	.1009288	8.133917	.1947432	.0119916	.1921319	.0893706
#3	.1014146	8.174560	.1910463	.0122430	.1949137	.0865400

Elem	Sr4077
Units	ppm
Avg	.1960612
Stddev	.0002334
%RSD	.1190513

#1	.1959842
#2	.1958760
#3	.1963234

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2579.508	2818.800	57198.12	5403.132	4373.398
Stddev	7.418	1.755	101.79	23.886	7.262
%RSD	.2875639	.0622762	.1779584	.4420842	.1660502

#1	2571.667	2817.974	57229.10	5416.304	4367.021
#2	2586.414	2817.609	57280.82	5375.560	4381.302
#3	2580.445	2820.816	57084.44	5417.533	4371.871

Sample Name: PB113097BS Acquired: 9/28/2018 15:04:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.0172277	.0498061	.0181666	.0667893	.1117637	.3572570
Stddev	.0014972	.0005138	.0005058	.0007716	.0010800	.0131353
%RSD	8.690522	1.031682	2.784516	1.155249	.9663648	3.676697

#1	.0180915	.0500254	.0176369	.0661996	.1118666	.3708196
#2	.0154989	.0501738	.0186446	.0676626	.1106359	.3445954
#3	.0180926	.0492190	.0182184	.0665058	.1127886	.3563559

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3893259	.0100911	.0095187	10.17718	.0225749	.0931743
Stddev	.0008139	.0001074	.0000478	.02799	.0001723	.0003246
%RSD	.2090478	1.063915	.5023941	.2750171	.7632256	.3484026

#1	.3902576	.0101156	.0095714	10.17112	.0225217	.0935368
#2	.3889662	.0101840	.0094780	10.20771	.0224355	.0929105
#3	.3887538	.0099735	.0095067	10.15273	.0227675	.0930755

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0537883	.1581240	.0321543	9.659653	.0776905	.0195252
Stddev	.0014865	.0139517	.0015343	.137836	.0007289	.0003263
%RSD	2.763621	8.823273	4.771795	1.426923	.9381640	1.671007

#1	.0545487	.1486325	.0339156	9.805285	.0785311	.0196833
#2	.0547409	.1741429	.0314393	9.642445	.0773058	.0197422
#3	.0520755	.1515966	.0311079	9.531229	.0772345	.0191500

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.447439	.0954853	.1271760	9.086327	F 9.274232	F .2016242
Stddev	.110802	.0061262	.0153229	.027689	.020874	.0018343
%RSD	1.172826	6.415863	12.04861	.3047292	.2250742	.9097489

#1	9.567252	.1019593	.1135981	9.056998	9.291198	.2035567
#2	9.426402	.0897793	.1437895	9.112016	9.250922	.2014086
#3	9.348664	.0947174	.1241402	9.089968	9.280575	.1999072

Sample Name: PB113097BS Acquired: 9/28/2018 15:04:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	F .1006046	8.118960	.1905454	F .0121126	.1958034	.0901205
Stddev	.0003983	.024057	.0017577	.0006807	.0011546	.0008411
%RSD	.3958541	.2963066	.9224546	5.620123	.5896522	.9333448

#1	.1009793	8.146299	.1919370	.0113869	.1969342	.0909677
#2	.1001864	8.101026	.1911290	.0127371	.1958496	.0901080
#3	.1006481	8.109556	.1885701	.0122139	.1946265	.0892856

Elem	Sr4077
Units	ppm
Avg	.1963512
Stddev	.0005160
%RSD	.2627802

#1	.1969010
#2	.1962750
#3	.1958775

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2571.372	2850.606	57069.37	5407.176	4417.914
Stddev	16.624	17.409	120.08	31.548	24.297
%RSD	.6464959	.6107245	.2104111	.5834512	.5499757

#1	2578.667	2831.226	57113.02	5380.290	4390.120
#2	2583.101	2855.670	57161.51	5399.331	4428.498
#3	2552.348	2864.922	56933.57	5441.906	4435.124

Sample Name: J4976-18 Acquired: 9/28/2018 15:08:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKJ6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1450792	.1111608	.1404605	.0704579	.2045188	130.9018	5.627633
Stddev	.0057911	.0016224	.0029679	.0015959	.0007387	.6189	.011461
%RSD	3.991675	1.459516	2.112952	2.264976	.3612110	.4727813	.2036616

#1	.1464098	.1112608	.1371356	.0710628	.2045486	130.2323	5.622865
#2	.1387387	.1127310	.1414039	.0716629	.2052422	131.4531	5.640708
#3	.1500893	.1094908	.1428420	.0686480	.2037656	131.0199	5.619325

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1079208	.1090297	115.9001	.5272833	1.207241	.8239928	205.6264
Stddev	.0007768	.0003283	.9292	.0026819	.003231	.0060220	.8087
%RSD	.7197986	.3011546	.8016906	.5086208	.2676018	.7308288	.3932937

#1	.1079416	.1087075	114.8686	.5303241	1.205690	.8292054	204.7260
#2	.1086870	.1090178	116.6714	.5252552	1.205078	.8253721	206.2912
#3	.1071338	.1093639	116.1603	.5262706	1.210955	.8174008	205.8620

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.828130	64.79151	1.222899	.1025609	3.694073	1.477981	1.578318
Stddev	.062012	.31823	.001636	.0005515	.046336	.007769	.022042
%RSD	.7921698	.4911566	.1337542	.5377635	1.254340	.5256429	1.396534

#1	7.756707	64.45254	1.223446	.1028963	3.648848	1.478456	1.558936
#2	7.868274	64.83812	1.221060	.1019243	3.741446	1.469986	1.573724
#3	7.859408	65.08386	1.224191	.1028620	3.691926	1.485502	1.602295

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.09915	64.50388	1.086112	1.010097	62.10325	9.764302	.0069948
Stddev	.03061	.20708	.004328	.002509	.16959	.065057	.0011251
%RSD	.0984360	.3210303	.3985073	.2483849	.2730769	.6662763	16.08407

#1	31.08050	64.47810	1.082759	1.007700	61.96847	9.739442	.0078260
#2	31.13448	64.31090	1.090998	1.009885	62.04761	9.838124	.0057146
#3	31.08246	64.72264	1.084579	1.012705	62.29367	9.715340	.0074439

Sample Name: J4976-18 Acquired: 9/28/2018 15:08:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKJ6S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.091834	.2522286	1.017679
Stddev	.014547	.0020407	.002888
%RSD	.4705004	.8090722	.2838269

#1	3.075311	.2507070	1.018708
#2	3.097476	.2545476	1.019912
#3	3.102715	.2514311	1.014417

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2685.877	2918.380	61172.74	5932.998	4019.703
Stddev	6.719	3.142	277.92	32.348	7.620
%RSD	.2501507	.1076600	.4543195	.5452192	.1895704

#1	2685.816	2918.091	60882.56	5933.243	4012.124
#2	2679.189	2921.657	61199.16	5900.528	4027.364
#3	2692.626	2915.393	61436.51	5965.223	4019.621

Sample Name: CCV041 Acquired: 9/28/2018 15:18:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.725996	4.738779	23.92115	4.524056	4.713437	394.5444	9.740132
Stddev	.009294	.019041	.03461	.006417	.007399	1.8177	.012909
%RSD	.1966477	.4018139	.1446669	.1418398	.1569823	.4607208	.1325389

#1	4.734490	4.736992	23.95382	4.517936	4.716921	392.7185	9.728107
#2	4.716069	4.720695	23.88488	4.530733	4.704938	394.5606	9.738514
#3	4.727429	4.758651	23.92474	4.523500	4.718450	396.3539	9.753774

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4861750	2.390898	396.2520	14.76004	2.446796	14.72159	408.7868
Stddev	.0024599	.000548	3.1503	.05404	.004775	.04870	3.5103
%RSD	.5059762	.0229407	.7950318	.3661386	.1951558	.3307898	.8587223

#1	.4866017	2.390318	393.6135	14.73053	2.450730	14.67651	405.6945
#2	.4883936	2.391408	395.4026	14.82241	2.441483	14.71504	408.0633
#3	.4835296	2.390967	399.7399	14.72718	2.448175	14.77324	412.6025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.73764	398.5024	2.421312	1.219305	392.7919	2.441509	14.65905
Stddev	.17661	3.3748	.004071	.006044	2.0105	.018043	.21604
%RSD	1.198335	.8468814	.1681468	.4957247	.5118477	.7390183	1.473791

#1	14.59960	395.1331	2.420765	1.225238	391.1363	2.446546	14.60375
#2	14.67665	398.4912	2.417543	1.213155	392.2104	2.421483	14.47604
#3	14.93665	401.8828	2.425630	1.219523	395.0291	2.456499	14.89738

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.1762	54.91596	4.878382	4.676993	49.21090	4.842652	4.833153
Stddev	.1826	.19105	.022679	.011446	.06079	.031551	.011567
%RSD	.1223933	.3478876	.4648875	.2447255	.1235299	.6515167	.2393177

#1	149.3372	54.79093	4.863315	4.664608	49.16726	4.854361	4.821558
#2	148.9778	54.82108	4.904465	4.687181	49.18512	4.866674	4.833211
#3	149.2137	55.13587	4.867366	4.679192	49.28034	4.806920	4.844691

Sample Name: CCV041 Acquired: 9/28/2018 15:18:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV041 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.884015	4.947253	4.880661
Stddev	.029205	.013916	.011672
%RSD	.5979642	.2812889	.2391482

#1	4.855414	4.931267	4.893161
#2	4.882844	4.956662	4.870047
#3	4.913788	4.953830	4.878775

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2322.942	2458.294	54486.53	5281.863	3490.969
Stddev	26.204	5.652	158.34	29.651	7.522
%RSD	1.128044	.2299259	.2906062	.5613817	.2154583

#1	2312.113	2455.462	54387.95	5248.016	3483.103
#2	2352.825	2454.617	54669.18	5303.254	3491.714
#3	2303.889	2464.802	54402.47	5294.320	3498.090

Sample Name: CCB041 Acquired: 9/28/2018 15:22:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB041 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003698	.0015188	.0030208	-.002111	-.000997	-.004568	-.001724
Stddev	.002069	.0007384	.0006220	.001655	.000778	.007477	.000813
%RSD	55.94329	48.61323	20.59118	78.39754	78.02166	163.6968	47.15034

#1	-.002517	.0023608	.0037035	-.000812	-.001223	.000411	-.000786
#2	-.006088	.0012143	.0028724	-.001548	-.000131	-.000948	-.002208
#3	-.002491	.0009815	.0024864	-.003975	-.001637	-.013165	-.002179

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000647	-.000032	-.015991	.0009027	.0001073	.0023683	.0079070
Stddev	.0000286	.000024	.017817	.0001852	.0003169	.0012167	.0107456
%RSD	44.29514	74.59866	111.4199	20.51364	295.2453	51.37348	135.9007

#1	.0000337	-.000024	-.033695	.0010742	-.000151	.0031621	.0202452
#2	.0000902	-.000013	.001936	.0009276	.000012	.0009675	.0006005
#3	.0000702	-.000059	-.016213	.0007064	.000461	.0029753	.0028751

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012283	-.015926	.0001456	.0010095	-.270106	-.002870	.0113117
Stddev	.0005712	.070306	.0003164	.0002439	.240331	.002266	.0071876
%RSD	46.50353	441.4576	217.3289	24.15990	88.97644	78.97835	63.54076

#1	.0014847	-.096352	-.000203	.0009907	-.138172	-.004074	.0139370
#2	.0016265	.014712	.000224	.0012623	-.547506	-.004279	.0031806
#3	.0005738	.033862	.000416	.0007756	-.124640	-.000255	.0168175

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1684930	-.002675	.0172689	.0004536	.0014739	.0011979	.0004877
Stddev	.0245502	.001598	.0005385	.0003700	.0028314	.0012836	.0002408
%RSD	14.57044	59.73703	3.118184	81.56927	192.0986	107.1548	49.36890

#1	.1528267	-.002340	.0167606	.0001445	.0040262	.0003172	.0005047
#2	.1558654	-.004415	.0178331	.0003526	.0019672	.0026706	.0007195
#3	.1967867	-.001272	.0172129	.0008635	-.001572	.0006057	.0002388

Sample Name: CCB041 Acquired: 9/28/2018 15:22:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB041 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001083	.0059517	.0001658
Stddev	.001517	.0010953	.0001238
%RSD	140.1292	18.40346	74.62655

#1	.000663	.0054753	.0000517
#2	-.001827	.0072046	.0001484
#3	-.002084	.0051753	.0002973

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2572.271	2825.263	57043.62	5498.677	4330.256
Stddev	3.948	5.514	204.31	6.807	4.047
%RSD	.1534827	.1951652	.3581670	.1237907	.0934543

#1	2576.677	2825.652	56981.50	5495.590	4332.133
#2	2569.056	2830.572	56877.57	5493.960	4333.023
#3	2571.079	2819.565	57271.78	5506.480	4325.611

Sample Name: J4976-19 Acquired: 9/28/2018 15:26:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKJ6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0710556	.0079606	.1049071	-.018164	.0046477	131.4488	1.335478
Stddev	.0027114	.0008142	.0021012	.000607	.0018970	.3610	.003132
%RSD	3.815851	10.22821	2.002870	3.340787	40.81502	.2746689	.2345045

#1	.0700781	.0074907	.1056152	-.018504	.0039657	131.3753	1.335922
#2	.0741202	.0074904	.1065628	-.018524	.0031861	131.1301	1.332148
#3	.0689685	.0089008	.1025434	-.017463	.0067914	131.8409	1.338365

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090001	.0012452	119.5037	.0990628	.0924858	.3015097	210.2000
Stddev	.0000202	.0000627	.3254	.0005612	.0003771	.0015127	.6826
%RSD	.2248151	5.032420	.2722805	.5665180	.4077406	.5017190	.3247422

#1	.0089768	.0012361	119.4881	.0992503	.0929210	.3009071	210.9573
#2	.0090136	.0013119	119.1864	.0995062	.0922814	.3003912	209.6322
#3	.0090097	.0011875	119.8366	.0984318	.0922551	.3032309	210.0104

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.020676	66.84144	.1180045	.0071967	3.913608	.3891531	.5336707
Stddev	.016196	.22054	.0005844	.0005632	.249276	.0040186	.0129076
%RSD	.2306938	.3299399	.4952328	7.825283	6.369466	1.032639	2.418649

#1	7.035406	67.01330	.1186757	.0065497	3.633922	.3847494	.5195503
#2	7.003331	66.91826	.1177291	.0074636	3.994540	.3900882	.5448622
#3	7.023292	66.59277	.1176087	.0075768	4.112361	.3926216	.5365997

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.25034	6.048039	.1020977	.0065483	10.22559	10.15663	.0064752
Stddev	.13430	.026009	.0049480	.0000592	.03522	.05436	.0012415
%RSD	.4164387	.4300356	4.846343	.9042738	.3444625	.5352481	19.17252

#1	32.35163	6.068087	.1077946	.0065073	10.24287	10.16881	.0050623
#2	32.09800	6.018650	.0996259	.0066162	10.18506	10.09721	.0069717
#3	32.30139	6.057381	.0988727	.0065213	10.24884	10.20387	.0073916

Sample Name: J4976-19 Acquired: 9/28/2018 15:26:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKJ6D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.215626	.2607948	1.044585
Stddev	.007446	.0014175	.001427
%RSD	.2315565	.5435313	.1366002

#1	3.213064	.2610335	1.045599
#2	3.209799	.2592732	1.042953
#3	3.224015	.2620779	1.045201

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2723.776	2970.615	61495.66	5948.966	4074.107
Stddev	7.195	8.070	296.32	18.823	6.302
%RSD	.2641394	.2716737	.4818473	.3164014	.1546831

#1	2718.875	2961.526	61516.60	5937.785	4068.154
#2	2720.418	2973.376	61189.44	5970.697	4080.708
#3	2732.036	2976.942	61780.96	5938.416	4073.460

Sample Name: J4976-17LX5 Acquired: 9/28/2018 15:30:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKJ6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0176738	.0039924	.0231424	-.009627	.0004459	27.98066	.2873273
Stddev	.0060530	.0001197	.0007846	.000787	.0006878	.13453	.0012114
%RSD	34.24838	2.998301	3.390366	8.174291	154.2436	.4807968	.4216216

#1	.0121263	.0040206	.0223639	-.008844	.0001278	27.84668	.2859879
#2	.0241296	.0040955	.0239329	-.009619	-.000025	27.97957	.2876478
#3	.0167654	.0038612	.0231303	-.010418	.001235	28.11574	.2883463

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021088	.0001036	25.96344	.0220218	.0180826	.0682916	42.98196
Stddev	.0000463	.0000624	.21641	.0004125	.0001034	.0052991	.25086
%RSD	2.194897	60.25687	.8335353	1.873195	.5717164	7.759470	.5836486

#1	.0020656	.0000370	25.72738	.0215482	.0181389	.0627788	42.69876
#2	.0021032	.0001131	26.01046	.0223031	.0179633	.0733474	43.17630
#3	.0021576	.0001607	26.15248	.0222139	.0181456	.0687486	43.07081

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.527344	14.38262	.0234336	.0019293	.6533902	.0817577	.1172354
Stddev	.007712	.16225	.0000427	.0007313	.2036134	.0029832	.0087548
%RSD	.5049064	1.128097	.1821687	37.90390	31.16261	3.648875	7.467700

#1	1.518454	14.33217	.0233964	.0013232	.4326160	.0787958	.1072956
#2	1.532222	14.25158	.0234802	.0027415	.6937597	.0847619	.1238011
#3	1.531357	14.56410	.0234242	.0017230	.8337950	.0817155	.1206095

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.725050	1.216477	.0219265	.0014977	2.105982	2.279887	.0002593
Stddev	.125311	.003702	.0003357	.0001120	.007657	.033089	.0005462
%RSD	1.863349	.3042810	1.531096	7.477747	.3635798	1.451360	210.6409

#1	6.687950	1.213658	.0221037	.0016119	2.099226	2.259162	.0005663
#2	6.622477	1.215106	.0221364	.0013881	2.104420	2.262451	-.000371
#3	6.864722	1.220669	.0215393	.0014931	2.114299	2.318048	.000583

Sample Name: J4976-17LX5 Acquired: 9/28/2018 15:30:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKJ6L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6854255	.0553541	.2261501
Stddev	.0035592	.0017496	.0007827
%RSD	.5192673	3.160726	.3461003

#1	.6814115	.0533515	.2256320
#2	.6866683	.0565862	.2257678
#3	.6881966	.0561246	.2270505

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2647.019	2895.476	58676.55	5605.823	4341.624
Stddev	8.503	8.406	220.57	54.099	7.486
%RSD	.3212270	.2903085	.3759137	.9650434	.1724351

#1	2644.733	2902.770	58643.49	5648.240	4348.497
#2	2656.431	2886.283	58474.38	5624.330	4333.646
#3	2639.892	2897.375	58911.79	5544.900	4342.728

Sample Name: J4976-20 Acquired: 9/28/2018 15:34:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKJ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0742451	.0095343	.1009233	-.023379	.0040173	135.9405	1.306911
Stddev	.0019154	.0009894	.0019088	.001916	.0012085	.1971	.002672
%RSD	2.579789	10.37698	1.891359	8.196396	30.08342	.1450108	.2044893

#1	.0721522	.0106737	.0994663	-.024220	.0026223	135.8966	1.307603
#2	.0759108	.0088929	.1002194	-.021186	.0046841	136.1558	1.309170
#3	.0746725	.0090363	.1030841	-.024731	.0047456	135.7689	1.303961

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090196	.0011418	135.5557	.0924567	.0902387	.2902350	205.4927
Stddev	.0000204	.0000808	.0204	.0002393	.0001049	.0031402	.3172
%RSD	.2260831	7.075247	.0150231	.2588138	.1162466	1.081969	.1543444

#1	.0090266	.0011218	135.5717	.0926395	.0901973	.2908276	205.2451
#2	.0089966	.0012307	135.5328	.0921859	.0901607	.2930368	205.8502
#3	.0090356	.0010729	135.5625	.0925448	.0903579	.2868407	205.3829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.610433	65.55041	.1139871	.0055238	3.878655	.3919667	.5202788
Stddev	.005564	.10905	.0003571	.0003826	.181050	.0044982	.0102770
%RSD	.0841748	.1663581	.3132461	6.925987	4.667853	1.147600	1.975282

#1	6.610950	65.42566	.1142443	.0055182	4.087174	.3882920	.5320766
#2	6.615721	65.62763	.1135795	.0059091	3.761402	.3969831	.5132728
#3	6.604628	65.59793	.1141375	.0051440	3.787388	.3906251	.5154871

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.94386	5.897405	.1077046	.0046243	9.331283	7.247157	.0072058
Stddev	.03662	.020252	.0039018	.0002004	.043742	.042745	.0007722
%RSD	.1146426	.3434135	3.622699	4.333414	.4687647	.5898167	10.71624

#1	31.96732	5.883262	.1032149	.0046868	9.299297	7.238585	.0072855
#2	31.90167	5.888347	.1102748	.0047859	9.313424	7.293538	.0079350
#3	31.96261	5.920605	.1096241	.0044001	9.381129	7.209347	.0063968

Sample Name: J4976-20 Acquired: 9/28/2018 15:34:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKJ7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.247888	.2556840	1.108211
Stddev	.010484	.0016753	.001899
%RSD	.3227921	.6552251	.1713194

#1	3.258588	.2551302	1.110380
#2	3.237634	.2575661	1.107403
#3	3.247443	.2543557	1.106851

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2733.839	2974.418	61806.89	5965.585	4084.816
Stddev	13.288	6.070	335.74	30.641	5.593
%RSD	.4860675	.2040607	.5432053	.5136231	.1369289

#1	2731.193	2967.710	61502.69	5980.050	4078.380
#2	2722.073	2976.010	62167.11	5930.389	4088.493
#3	2748.251	2979.532	61750.85	5986.315	4087.577

Sample Name: J4976-21 Acquired: 9/28/2018 15:38:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKJ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0627884	.0065570	.1251092	-.027015	.0063181	151.6875	1.458274
Stddev	.0034410	.0005405	.0015021	.003110	.0032704	.5111	.001851
%RSD	5.480301	8.242779	1.200598	11.51371	51.76306	.3369180	.1269633

#1	.0641347	.0059521	.1267715	-.027117	.0068797	152.0149	1.459747
#2	.0653527	.0067265	.1238494	-.023855	.0028032	151.0986	1.456195
#3	.0588778	.0069924	.1247066	-.030074	.0092714	151.9490	1.458879

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100338	.0013556	66.17642	.1096714	.1031971	.3156384	225.4815
Stddev	.0000849	.0000641	.38124	.0011811	.0002762	.0064595	1.1319
%RSD	.8456650	4.725381	.5761034	1.076929	.2676470	2.046486	.5019762

#1	.0099448	.0012851	66.38291	.1088959	.1034397	.3083082	225.4200
#2	.0101138	.0013716	65.73647	.1110307	.1032550	.3204976	224.3817
#3	.0100427	.0014102	66.40987	.1090877	.1028965	.3181095	226.6429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.746976	70.98541	.1346013	.0080841	4.013947	.4271479	.5763228
Stddev	.032208	.22588	.0003121	.0000982	.051281	.0044429	.0123535
%RSD	.4773679	.3182009	.2318375	1.214794	1.277572	1.040126	2.143505

#1	6.773521	70.81115	.1347433	.0081586	4.043505	.4238354	.5706053
#2	6.711145	70.90448	.1342435	.0079728	3.954733	.4321968	.5678637
#3	6.756263	71.24061	.1348171	.0081208	4.043603	.4254116	.5904993

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.15591	6.406363	.1113965	.0074793	8.104933	15.07884	.0102842
Stddev	.08830	.019984	.0041439	.0003346	.005549	.02396	.0007233
%RSD	.2746085	.3119394	3.719910	4.474054	.0684636	.1588909	7.032902

#1	32.19861	6.410540	.1094804	.0077448	8.111299	15.06553	.0098677
#2	32.21474	6.384620	.1085574	.0075897	8.102377	15.10650	.0098656
#3	32.05437	6.423928	.1161516	.0071034	8.101122	15.06449	.0111194

Sample Name: J4976-21 Acquired: 9/28/2018 15:38:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKJ8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.995926	.2839171	.9441336
Stddev	.018780	.0021462	.0012045
%RSD	.4699802	.7559217	.1275805

#1	3.995856	.2858284	.9436986
#2	3.977180	.2843276	.9432070
#3	4.014740	.2815953	.9454952

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2781.592	3030.603	62759.08	6159.930	4108.596
Stddev	14.071	6.230	160.05	7.458	4.341
%RSD	.5058567	.2055735	.2550181	.1210752	.1056468

#1	2772.888	3023.669	62643.10	6153.690	4110.670
#2	2797.826	3032.410	62941.68	6168.190	4111.511
#3	2774.062	3035.730	62692.48	6157.909	4103.608

Sample Name: J4976-22 Acquired: 9/28/2018 15:42:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKP0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0558733	.0020371	.0344229	-.011122	-.000596	42.04733	.8089756
Stddev	.0010956	.0022960	.0011897	.001695	.001453	.11703	.0017644
%RSD	1.960790	112.7093	3.456257	15.24324	243.8030	.2783306	.2180991

#1	.0570635	.0044490	.0336631	-.012278	-.001247	41.94487	.8110084
#2	.0556493	.0017842	.0357940	-.009176	.001068	42.17486	.8080761
#3	.0549070	-.000122	.0338116	-.011912	-.001609	42.02226	.8078423

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026275	.0001788	25.19948	.0448368	.0504403	.0781217	88.01477
Stddev	.0000551	.0001234	.12041	.0002874	.0001972	.0015746	.63543
%RSD	2.096398	69.02907	.4778293	.6409836	.3909696	2.015600	.7219550

#1	.0026344	.0003142	25.09742	.0447240	.0506230	.0792694	87.57516
#2	.0025693	.0001495	25.33228	.0451635	.0504666	.0787691	88.74332
#3	.0026788	.0000727	25.16873	.0446230	.0502312	.0763266	87.72583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.413365	20.63550	.0493229	.0014660	1.761165	.2021317	.2119794
Stddev	.009428	.12275	.0001440	.0002633	.193906	.0059723	.0109767
%RSD	.3906515	.5948283	.2919426	17.95792	11.01012	2.954638	5.178201

#1	2.408747	20.69668	.0493186	.0013301	1.926475	.2027286	.2047527
#2	2.424212	20.71564	.0494690	.0017695	1.547727	.1958834	.2065750
#3	2.407137	20.49419	.0491811	.0012985	1.809293	.2077832	.2246105

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.246317	4.590191	.0192395	.0027712	1.192579	10.42409	.0043979
Stddev	.040582	.014518	.0017304	.0001412	.007393	.10879	.0007048
%RSD	.4921273	.3162779	8.993915	5.097223	.6199461	1.043645	16.02636

#1	8.228921	4.593327	.0199625	.0029301	1.200811	10.30244	.0049500
#2	8.292697	4.602884	.0204911	.0026599	1.190425	10.45782	.0046397
#3	8.217332	4.574361	.0172649	.0027236	1.186503	10.51203	.0036040

Sample Name: J4976-22 Acquired: 9/28/2018 15:42:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKP0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.010916	.0654208	.4720302
Stddev	.006749	.0007388	.0006851
%RSD	.2241499	1.129232	.1451388

#1	3.003546	.0659285	.4727934
#2	3.016794	.0657607	.4718287
#3	3.012408	.0645733	.4714684

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2708.826	2969.746	60576.89	5821.010	4354.348
Stddev	33.843	3.737	377.20	24.618	2.956
%RSD	1.249374	.1258335	.6226753	.4229119	.0678940

#1	2672.479	2973.996	60202.57	5848.874	4351.995
#2	2714.567	2968.268	60571.19	5811.947	4353.383
#3	2739.431	2966.975	60956.90	5802.209	4357.666

Sample Name: PB113096BL Acquired: 9/28/2018 15:46:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	-.000363	.0002382	-.000501	-.003050	-.001923	-.015607	-.000041
Stddev	.001424	.0007638	.001143	.000781	.000461	.004179	.000334
%RSD	392.4159	320.7102	228.1905	25.60116	23.98051	26.77963	812.7232

#1	-.000898	-.000190	-.001775	-.002912	-.002206	-.014499	.000242
#2	.001251	-.000216	.000434	-.002347	-.002172	-.020228	.000044
#3	-.001442	.001120	-.000161	-.003891	-.001391	-.012093	-.000409

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001082	-.000059	-.013466	.0002431	.0001467	.0038265	-.001593
Stddev	.0000245	.000057	.008723	.0002684	.0003227	.0038263	.012096
%RSD	22.67527	96.45285	64.78009	110.3920	219.9767	99.99466	759.2287

#1	.0000801	-.000114	-.008969	.0003735	-.000207	.0019550	-.006726
#2	.0001186	-.000062	-.023520	-.000066	.000222	.0082283	-.010276
#3	.0001258	-.000001	-.007909	.000422	.000425	.0012962	.012223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005157	-.024479	.0001982	.0005740	.0230367	-.004597	.0029038
Stddev	.0008830	.033598	.0003699	.0002190	.1530152	.001310	.0065203
%RSD	171.2160	137.2488	186.5718	38.15676	664.2232	28.50512	224.5451

#1	-.000389	.007778	-.000215	.0003721	-.058498	-.003297	.0037833
#2	.001376	-.021942	.000499	.0005432	.199553	-.005917	.0089397
#3	.000560	-.059273	.000310	.0008069	-.071944	-.004577	-.004012

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.059630	-.004968	.0003440	.0000789	-.002297	.0018229	-.002614
Stddev	.102541	.001811	.0011619	.0000475	.001378	.0008241	.001090
%RSD	171.9616	36.44788	337.7174	60.19665	59.98907	45.20485	41.69858

#1	-.003165	-.006843	-.000995	.0000567	-.000766	.0023077	-.001432
#2	.002267	-.003229	.001088	.0001334	-.002686	.0008714	-.002833
#3	-.177993	-.004832	.000939	.0000465	-.003439	.0022896	-.003579

Sample Name: PB113096BL Acquired: 9/28/2018 15:46:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	-.001930	-.001937	.0002113
Stddev	.001641	.000491	.0000756
%RSD	85.03606	25.36371	35.78420

#1	-.001240	-.001602	.0002984
#2	-.000747	-.002501	.0001735
#3	-.003803	-.001708	.0001621

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2600.445	2862.982	57414.23	5444.423	4399.757
Stddev	2.346	3.377	167.35	21.954	3.465
%RSD	.0902310	.1179582	.2914836	.4032335	.0787544

#1	2598.617	2859.733	57282.35	5465.700	4398.594
#2	2603.091	2862.741	57602.49	5445.720	4397.024
#3	2599.626	2866.474	57357.85	5421.850	4403.654

Sample Name: PB113096BS Acquired: 9/28/2018 15:51:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.0172403	.0496714	.0180637	.0647773	.1135336	.3700076
Stddev	.0015017	.0010021	.0003885	.0031248	.0007426	.0037837
%RSD	8.710374	2.017457	2.150685	4.823880	.6540443	1.022615

#1	.0165761	.0492242	.0181127	.0666562	.1138700	.3656439
#2	.0189596	.0489709	.0176530	.0611701	.1126824	.3720016
#3	.0161852	.0508193	.0184253	.0665055	.1140485	.3723774

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3890035	.0101680	.0096168	10.19214	.0228758	.0945910
Stddev	.0015975	.0000655	.0000670	.01979	.0002153	.0003814
%RSD	.4106588	.6440428	.6963887	.1941905	.9409496	.4032349

#1	.3893409	.0102238	.0095925	10.21379	.0227014	.0948546
#2	.3872643	.0101844	.0096925	10.17497	.0231163	.0941537
#3	.3904053	.0100959	.0095653	10.18767	.0228096	.0947648

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0513407	.1580071	.0321676	9.674101	.0787325	.0194281
Stddev	.0059594	.0091668	.0004012	.067461	.0007104	.0002650
%RSD	11.60763	5.801510	1.247105	.6973387	.9023528	1.364214

#1	.0560916	.1610463	.0325811	9.718820	.0794908	.0197021
#2	.0446540	.1477067	.0317800	9.596504	.0786244	.0194093
#3	.0532765	.1652684	.0321418	9.706979	.0780823	.0191730

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.199886	.1032586	.1257885	9.143187	F 9.533708	F .2065637
Stddev	.355070	.0049785	.0131021	.036959	.019947	.0010265
%RSD	3.859508	4.821412	10.41598	.4042236	.2092264	.4969504

#1	8.814312	.1084880	.1119344	9.106486	9.556726	.2067907
#2	9.271950	.0985761	.1379798	9.142679	9.521471	.2074578
#3	9.513397	.1027118	.1274512	9.180398	9.522927	.2054428

Sample Name: PB113096BS Acquired: 9/28/2018 15:51:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	F .0983675	8.302763	.1911202	F .0121986	.1973503	.0883799
Stddev	.0005022	.023591	.0007993	.0009389	.0024477	.0007917
%RSD	.5105377	.2841396	.4181948	7.697060	1.240264	.8957661

#1	.0988873	8.303477	.1902312	.0130372	.1990962	.0889529
#2	.0983302	8.325989	.1913502	.0123745	.1945525	.0887102
#3	.0978850	8.278823	.1917792	.0111842	.1984021	.0874765

Elem	Sr4077
Units	ppm
Avg	.1981522
Stddev	.0003127
%RSD	.1578307

#1	.1978346
#2	.1981622
#3	.1984599

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2600.288	2842.622	57615.40	5462.093	4396.237
Stddev	3.659	8.093	31.10	20.407	12.926
%RSD	.1407184	.2846844	.0539856	.3736037	.2940264

#1	2600.239	2833.626	57617.85	5445.159	4381.995
#2	2603.971	2844.929	57583.14	5456.368	4399.491
#3	2596.653	2849.310	57645.21	5484.750	4407.225

Sample Name: PB113098BS Acquired: 9/28/2018 15:55:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.0173243	.0493712	.0197559	.0645242	.1128321	.3624495
Stddev	.0025386	.0008885	.0008026	.0012945	.0009034	.0089295
%RSD	14.65356	1.799538	4.062619	2.006240	.8006639	2.463664

#1	.0152574	.0498098	.0190557	.0631772	.1137268	.3717517
#2	.0165577	.0499550	.0195801	.0646365	.1128495	.3616506
#3	.0201579	.0483487	.0206318	.0657589	.1119202	.3539463

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3862520	.0098844	.0094746	9.994629	.0223273	.0937051
Stddev	.0014400	.0000827	.0000868	.059182	.0004461	.0004356
%RSD	.3728138	.8370023	.9159620	.5921367	1.998104	.4648519

#1	.3878743	.0099598	.0095729	10.06115	.0220071	.0939723
#2	.3851251	.0098976	.0094088	9.97493	.0228369	.0932025
#3	.3857567	.0097959	.0094419	9.94781	.0221380	.0939406

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534783	.1573236	.0315125	9.474486	.0780239	.0188450
Stddev	.0028430	.0160116	.0008669	.119299	.0002443	.0001669
%RSD	5.316205	10.17748	2.750947	1.259158	.3131554	.8855405

#1	.0558739	.1430055	.0306534	9.515140	.0780868	.0186670
#2	.0503366	.1543529	.0323870	9.568145	.0782306	.0188699
#3	.0542245	.1746125	.0314969	9.340174	.0777542	.0189980

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.263045	.0987029	.1279292	9.064203	F 9.528190	F .2028421
Stddev	.091126	.0022130	.0109779	.033164	.012985	.0012220
%RSD	.9837548	2.242114	8.581236	.3658787	.1362746	.6024525

#1	9.288433	.1004713	.1203308	9.065006	9.528390	.2041461
#2	9.338785	.0994162	.1229414	9.096959	9.515107	.2026568
#3	9.161918	.0962212	.1405155	9.030645	9.541073	.2017232

Sample Name: PB113098BS Acquired: 9/28/2018 15:55:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	F .0968721	8.195395	.1864786	F .0126260	.1941423	.0884320
Stddev	.0004254	.013659	.0013168	.0006937	.0024325	.0032399
%RSD	.4391398	.1666664	.7061202	5.494072	1.252934	3.663686

#1	.0964312	8.209434	.1868622	.0131991	.1966894	.0908376
#2	.0969049	8.182151	.1875609	.0128241	.1938938	.0847480
#3	.0972801	8.194600	.1850126	.0118548	.1918435	.0897105

Elem	Sr4077
Units	ppm
Avg	.1962040
Stddev	.0002997
%RSD	.1527581

#1	.1964806
#2	.1958856
#3	.1962459

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2618.298	2854.135	57806.00	5580.556	4407.738
Stddev	6.036	3.200	318.48	34.771	8.017
%RSD	.2305332	.1121348	.5509540	.6230772	.1818869

#1	2615.509	2852.478	57749.38	5557.599	4399.914
#2	2625.224	2857.825	58149.00	5563.508	4415.935
#3	2614.161	2852.104	57519.63	5620.561	4407.364

Sample Name: J4971-20 Acquired: 9/28/2018 15:59:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0888702	.0036024	.0897384	-.020584	.0035730	99.11748	1.384811
Stddev	.0019959	.0017462	.0010440	.003762	.0006571	.29863	.003208
%RSD	2.245810	48.47316	1.163352	18.27502	18.39130	.3012937	.2316370

#1	.0870259	.0037423	.0891343	-.017556	.0043317	99.08718	1.381110
#2	.0885954	.0052745	.0909439	-.024795	.0032046	98.83516	1.386537
#3	.0909892	.0017905	.0891370	-.019400	.0031828	99.43012	1.386786

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065675	.0012331	93.85739	.0828619	.1078626	.2480039	163.2147
Stddev	.0001305	.0001068	.39143	.0005114	.0004669	.0008770	.4026
%RSD	1.986679	8.663730	.4170461	.6172226	.4328732	.3536098	.2466627

#1	.0066719	.0013192	93.71921	.0824593	.1075285	.2481124	163.2014
#2	.0066093	.0012666	93.55379	.0826892	.1083961	.2470778	162.8190
#3	.0064212	.0011135	94.29917	.0834374	.1076633	.2488217	163.6238

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.320936	50.08700	.1013666	.0033727	4.740532	.3693572	.4054958
Stddev	.020433	.19007	.0002722	.0003618	.058118	.0091996	.0084003
%RSD	.4728907	.3794810	.2685459	10.72700	1.225973	2.490702	2.071611

#1	4.307266	49.86764	.1012500	.0032398	4.739176	.3591313	.3974624
#2	4.311115	50.19070	.1011722	.0030962	4.683105	.3769613	.4048046
#3	4.344425	50.20267	.1016777	.0037822	4.799316	.3719790	.4142203

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.69083	6.416754	.0612652	.0055137	6.411270	18.20431	.0074327
Stddev	.03655	.022473	.0009607	.0002287	.022431	.04044	.0002783
%RSD	.1422708	.3502217	1.568081	4.147955	.3498715	.2221656	3.744159

#1	25.68487	6.391633	.0601602	.0055161	6.392104	18.25062	.0077301
#2	25.73000	6.434947	.0619018	.0052838	6.405766	18.17591	.0071787
#3	25.65763	6.423683	.0617337	.0057412	6.435941	18.18641	.0073892

Sample Name: J4971-20 Acquired: 9/28/2018 15:59:14 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKD4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.783317	.1624237	1.018303
Stddev	.019482	.0020603	.001265
%RSD	.5149409	1.268469	.1242383

#1	3.769748	.1612133	1.018702
#2	3.774563	.1648026	1.019321
#3	3.805640	.1612553	1.016887

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2740.664	2984.459	61410.93	5891.613	4165.040
Stddev	5.924	6.363	75.36	19.394	3.686
%RSD	.2161457	.2132206	.1227165	.3291782	.0885064

#1	2742.004	2979.352	61430.38	5873.590	4162.586
#2	2734.184	2982.438	61327.75	5889.115	4169.279
#3	2745.803	2991.588	61474.66	5912.135	4163.255

Sample Name: J4971-21 Acquired: 9/28/2018 16:03:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKD4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0852762	.0044039	.0886498	-.017461	.0038705	98.89899	1.374713
Stddev	.0044185	.0011229	.0030912	.001334	.0013834	.20133	.002279
%RSD	5.181418	25.49715	3.486985	7.638238	35.74077	.2035716	.1657713

#1	.0840463	.0048073	.0863130	-.018575	.0031615	98.69634	1.374379
#2	.0901794	.0052693	.0921549	-.017824	.0029855	98.90167	1.372619
#3	.0816030	.0031350	.0874815	-.015983	.0054647	99.09897	1.377140

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064809	.0011889	91.72396	.0831904	.1064388	.2434186	160.3230
Stddev	.0000382	.0001093	.33768	.0002262	.0003468	.0007761	.6382
%RSD	.5897178	9.191675	.3681504	.2718700	.3257893	.3188319	.3980763

#1	.0064383	.0012142	91.37468	.0829483	.1061740	.2427569	159.5888
#2	.0064924	.0012833	91.74848	.0832268	.1063111	.2442729	160.6355
#3	.0065121	.0010692	92.04871	.0833962	.1068313	.2432262	160.7447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.167849	49.16058	.1011687	.0027090	4.565549	.3609257	.4116430
Stddev	.022742	.16234	.0002075	.0001886	.141359	.0044548	.0119665
%RSD	.5456545	.3302194	.2051174	6.961896	3.096219	1.234266	2.906998

#1	4.145635	48.97567	.1010067	.0026777	4.727419	.3564655	.4003059
#2	4.166829	49.22636	.1014026	.0025381	4.466422	.3609366	.4241525
#3	4.191084	49.27969	.1010968	.0029113	4.502806	.3653750	.4104705

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.29877	6.308826	.0646369	.0058729	6.073455	17.88703	.0073665
Stddev	.06114	.014227	.0035616	.0001183	.031571	.03574	.0017274
%RSD	.2416567	.2255086	5.510190	2.014047	.5198171	.1998096	23.44994

#1	25.25586	6.314852	.0623393	.0058834	6.067649	17.86460	.0073440
#2	25.27168	6.292578	.0687397	.0057497	6.045190	17.86823	.0056504
#3	25.36877	6.319048	.0628317	.0059855	6.107525	17.92824	.0091051

Sample Name: J4971-21 Acquired: 9/28/2018 16:03:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKD4D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.846444	.1615544	1.007785
Stddev	.016437	.0006709	.002594
%RSD	.4273401	.4152730	.2573546

#1	3.842323	.1621245	1.005549
#2	3.832459	.1617234	1.007178
#3	3.864550	.1608151	1.010628

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2749.453	3011.223	61990.61	5940.473	4201.253
Stddev	25.314	2.209	388.44	27.901	.926
%RSD	.9206808	.0733610	.6266161	.4696715	.0220301

#1	2722.723	3009.088	61542.37	5929.440	4200.233
#2	2773.061	3011.082	62228.81	5972.203	4201.489
#3	2752.574	3013.499	62200.66	5919.776	4202.038

Sample Name: J4971-22 Acquired: 9/28/2018 16:07:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKD4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1533054	.1015141	.1232538	.0729040	.1871668	97.96795	5.297080
Stddev	.0010678	.0005679	.0022098	.0030894	.0020270	.30964	.019646
%RSD	.6965310	.5594231	1.792855	4.237601	1.082973	.3160676	.3708920

#1	.1540165	.1015316	.1255975	.0715263	.1876630	98.32114	5.315391
#2	.1538221	.1009376	.1212082	.0764425	.1849377	97.74317	5.276326
#3	.1520775	.1020730	.1229557	.0707432	.1888995	97.83954	5.299522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0984933	.0997986	87.88552	.4836535	1.112593	.7292516	156.1305
Stddev	.0006289	.0001297	.61663	.0018595	.003899	.0053277	.4852
%RSD	.6384663	.1299352	.7016287	.3844719	.3504413	.7305687	.3107662

#1	.0985782	.0996496	88.50132	.4825182	1.110858	.7344325	156.5104
#2	.0978263	.0998606	87.88717	.4857994	1.109863	.7237884	156.2972
#3	.0990753	.0998856	87.26806	.4826427	1.117059	.7295338	155.5839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.994401	47.13864	1.109244	.0914088	4.624900	1.348956	1.372907
Stddev	.026295	.20037	.002642	.0001028	.229797	.010502	.029445
%RSD	.5264893	.4250705	.2381524	.1124181	4.968692	.7785163	2.144725

#1	5.019901	47.14174	1.106527	.0915246	4.793765	1.359900	1.392982
#2	4.995926	47.33745	1.109401	.0913286	4.363211	1.338961	1.386633
#3	4.967377	46.93674	1.111803	.0913732	4.717725	1.348008	1.339105

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.44583	62.12357	.9624125	.8803128	55.30109	16.98167	.0070002
Stddev	.03143	.18626	.0030821	.0011104	.09700	.10201	.0008946
%RSD	.1285627	.2998204	.3202445	.1261348	.1754055	.6007322	12.77913

#1	24.43121	62.14495	.9635496	.8796201	55.20528	17.01940	.0074437
#2	24.48191	61.92754	.9589235	.8815935	55.39924	16.86616	.0059705
#3	24.42438	62.29821	.9647645	.8797248	55.29875	17.05944	.0075864

Sample Name: J4971-22 Acquired: 9/28/2018 16:07:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKD4S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.642224	.1564419	.9763102
Stddev	.014991	.0014162	.0014879
%RSD	.4115972	.9052516	.1523980

#1	3.659154	.1562855	.9777549
#2	3.630631	.1579298	.9747826
#3	3.636888	.1551104	.9763932

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2769.583	3015.389	62382.98	6081.618	4235.617
Stddev	18.612	6.828	641.39	19.142	5.196
%RSD	.6720074	.2264437	1.028145	.3147445	.1226826

#1	2774.351	3009.443	62541.63	6070.453	4231.180
#2	2749.051	3022.846	61677.16	6070.680	4241.334
#3	2785.347	3013.878	62930.16	6103.720	4234.338

Sample Name: J4971-20LX5 Acquired: 9/28/2018 16:11:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKD4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183326	.0021068	.0179411	-.005110	.0004075	20.27191	.2860966
Stddev	.0009940	.0013668	.0006990	.001588	.0003507	.04237	.0009694
%RSD	5.422159	64.87787	3.895860	31.07796	86.06508	.2089859	.3388508

#1	.0188290	.0036424	.0171530	-.006583	.0000337	20.28217	.2857113
#2	.0171882	.0016546	.0184859	-.005319	.0004593	20.22535	.2871994
#3	.0189808	.0010234	.0181845	-.003428	.0007293	20.30820	.2853789

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014410	.0002479	19.37444	.0635758	.0215325	.0516064	31.67806
Stddev	.0000227	.0000154	.03975	.0005777	.0001952	.0008669	.24037
%RSD	1.573871	6.228100	.2051724	.9086749	.9066262	1.679764	.7587753

#1	.0014185	.0002583	19.39484	.0633442	.0214826	.0522644	31.43330
#2	.0014407	.0002302	19.32863	.0642334	.0217478	.0506241	31.91377
#3	.0014638	.0002553	19.39986	.0631498	.0213671	.0519307	31.68712

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8981850	10.25260	.0442089	.0009703	.7227185	.0762193	.0990985
Stddev	.0050446	.03080	.0001421	.0002984	.0451519	.0034760	.0016896
%RSD	.5616447	.3004284	.3214914	30.75053	6.247501	4.560472	1.704961

#1	.8965824	10.22202	.0443715	.0012443	.7449391	.0738139	.1005098
#2	.8941364	10.28362	.0441468	.0006524	.7524539	.0802046	.0995595
#3	.9038362	10.25216	.0441083	.0010142	.6707625	.0746393	.0972263

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.059963	1.267129	.0144418	.0062017	1.241630	3.793213	.0008936
Stddev	.039958	.002239	.0004213	.0000749	.004083	.018044	.0011557
%RSD	.7896945	.1766767	2.916999	1.207135	.3288194	.4756907	129.3292

#1	5.019137	1.268026	.0147586	.0061491	1.239974	3.772391	.0013710
#2	5.098993	1.264581	.0139637	.0062874	1.246281	3.802994	.0017342
#3	5.061760	1.268780	.0146030	.0061685	1.238635	3.804255	-.000424

Sample Name: J4971-20LX5 Acquired: 9/28/2018 16:11:07 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKD4L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7901909	.0306283	.2111221
Stddev	.0009473	.0005192	.0008344
%RSD	.1198793	1.695183	.3952196

#1	.7892337	.0309451	.2106992
#2	.7911280	.0300291	.2105837
#3	.7902110	.0309108	.2120832

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2665.011	2920.829	59231.17	5692.563	4394.041
Stddev	9.213	3.848	116.51	22.618	4.785
%RSD	.3457129	.1317501	.1966971	.3973219	.1088964

#1	2654.378	2920.351	59119.71	5712.660	4392.109
#2	2670.631	2924.894	59221.67	5668.070	4399.490
#3	2670.023	2917.243	59352.14	5696.960	4390.524

Sample Name: PB113246BL Acquired: 9/28/2018 16:15:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	-.002016	-.000269	.0007007	-.003913	.0000201	-.017289	-.001068
Stddev	.001834	.000498	.0006609	.002778	.0016152	.007048	.000844
%RSD	90.97016	184.8522	94.32943	70.99981	8046.696	40.76935	78.98809

#1	-.000550	.000297	.0000430	-.005871	.0015661	-.024415	-.000137
#2	-.004073	-.000469	.0013648	-.005133	-.001656	-.010321	-.001285
#3	-.001426	-.000636	.0006943	-.000733	.000151	-.017129	-.001783

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000435	-.000038	.0020397	.0001170	-.000011	.0060400	-.003614
Stddev	.0000278	.000045	.0300084	.0001076	.000137	.0021514	.015965
%RSD	63.89313	119.1623	1471.229	91.95254	1271.210	35.61868	441.7750

#1	.0000731	-.000010	-.032611	.0001127	.000009	.0071660	-.022046
#2	.0000179	-.000090	.019402	.0000116	.000116	.0035594	.005904
#3	.0000395	-.000014	.019328	.0002267	-.000157	.0073948	.005300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000040	.0190469	.0001007	.0005901	-.289394	-.003957	.0082165
Stddev	.002872	.0730974	.0000880	.0004900	.028779	.004457	.0033374
%RSD	7252.125	383.7768	87.39167	83.04415	9.944508	112.6178	40.61838

#1	.001231	-.023238	.0001147	.0006707	-.296770	-.008042	.0052828
#2	.001977	-.023074	.0000066	.0000648	-.257645	.000796	.0118474
#3	-.003327	.103452	.0001810	.0010349	-.313766	-.004625	.0075192

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.094967	-.003805	-.000414	.0000654	-.002003	.0008087	-.001110
Stddev	.055437	.001117	.000805	.0003355	.002365	.0006804	.000738
%RSD	58.37513	29.37016	194.6023	513.2470	118.1147	84.12966	66.43935

#1	-.131753	-.003171	-.001239	.0000844	.000729	.0015919	-.001169
#2	-.031205	-.005095	.000369	-.000279	-.003365	.0003632	-.000345
#3	-.121943	-.003148	-.000371	.000391	-.003372	.0004711	-.001817

Sample Name: PB113246BL Acquired: 9/28/2018 16:15:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	-.002359	-.001371	.0000841
Stddev	.002209	.001678	.0001332
%RSD	93.64372	122.3492	158.3424

#1	-.000058	-.002026	.0001400
#2	-.002556	.000535	.0001802
#3	-.004463	-.002624	-.000068

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2602.302	2859.275	57350.92	5475.807	4397.093
Stddev	7.996	4.824	272.53	13.377	4.376
%RSD	.3072838	.1687124	.4751974	.2442922	.0995232

#1	2608.177	2864.487	57555.91	5487.540	4401.183
#2	2605.533	2854.967	57455.21	5461.240	4392.478
#3	2593.195	2858.371	57041.65	5478.640	4397.617

Sample Name: PB113246BS Acquired: 9/28/2018 16:19:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.0191778	.0495548	.0186084	.0654563	.1120046	.3606716
Stddev	.0011270	.0018555	.0004563	.0024280	.0004211	.0069280
%RSD	5.876636	3.744285	2.452101	3.709411	.3759719	1.920875

#1	.0203164	.0477947	.0191324	.0653697	.1124647	.3681205
#2	.0180628	.0514929	.0183933	.0679264	.1116382	.3594735
#3	.0191543	.0493769	.0182993	.0630727	.1119108	.3544207

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3853045	.0099819	.0095186	10.03903	F .0273249	.0936437
Stddev	.0024331	.0000526	.0001260	.07860	.0005462	.0002956
%RSD	.6314648	.5269517	1.323789	.7829220	1.998854	.3156350

#1	.3881132	.0100424	.0093824	10.12489	.0277677	.0933069
#2	.3838438	.0099471	.0095423	10.02158	.0274924	.0937644
#3	.3839565	.0099562	.0096310	9.97063	.0267146	.0938598

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0530298	.1862349	.0335239	9.544201	.0807191	.0194109
Stddev	.0055984	.0169558	.0020255	.109435	.0002417	.0004625
%RSD	10.55712	9.104539	6.041902	1.146618	.2994115	2.382753

#1	.0510160	.2057813	.0336054	9.663926	.0806458	.0195792
#2	.0487169	.1754859	.0355074	9.519350	.0809890	.0188878
#3	.0593566	.1774373	.0314589	9.449329	.0805226	.0197658

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.079903	.1002240	.1222320	9.085979	F 9.436955	F .2026890
Stddev	.229931	.0021284	.0112258	.044384	.027057	.0007130
%RSD	2.532311	2.123602	9.183980	.4884856	.2867163	.3517902

#1	8.872505	.1023185	.1126690	9.058471	9.406599	.2029831
#2	9.327157	.1002903	.1345918	9.062284	9.445732	.2032080
#3	9.040046	.0980633	.1194354	9.137182	9.458534	.2018760

Sample Name: PB113246BS Acquired: 9/28/2018 16:19:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	F .0969592	8.166804	.1876344	F .0115461	.1930318	.0873003
Stddev	.0003602	.033048	.0010702	.0007901	.0049344	.0015963
%RSD	.3715052	.4046621	.5703688	6.843361	2.556288	1.828531

#1	.0965577	8.155309	.1886271	.0110231	.1969475	.0864627
#2	.0970658	8.141037	.1865006	.0111601	.1946584	.0862972
#3	.0972541	8.204064	.1877753	.0124550	.1874894	.0891411

Elem	Sr4077
Units	ppm
Avg	.1954892
Stddev	.0002024
%RSD	.1035486

#1	.1952560
#2	.1955915
#3	.1956200

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2618.280	2871.256	58065.75	5524.846	4439.964
Stddev	12.972	1.219	213.65	35.081	3.886
%RSD	.4954464	.0424609	.3679432	.6349708	.0875155

#1	2627.845	2872.583	58296.50	5489.472	4439.779
#2	2603.514	2870.186	58025.95	5525.440	4443.939
#3	2623.480	2870.999	57874.80	5559.627	4436.175

Sample Name: J4977-01 Acquired: 9/28/2018 16:23:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0518270	.0052575	.0735137	-.017544	.0032712	87.38062	1.196098
Stddev	.0027800	.0022281	.0009024	.003095	.0008834	.42545	.000963
%RSD	5.364082	42.37992	1.227591	17.64080	27.00560	.4868951	.0804789

#1	.0500256	.0028066	.0744706	-.021105	.0023066	86.99039	1.195314
#2	.0504267	.0058053	.0726780	-.015505	.0040407	87.83419	1.195808
#3	.0550288	.0071606	.0733924	-.016022	.0034665	87.31728	1.197173

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059779	.0011860	41.19842	.0887633	.0722816	.2566003	158.7003
Stddev	.0001095	.0001514	.36160	.0009203	.0003025	.0036704	1.4759
%RSD	1.831800	12.76628	.8777106	1.036784	.4184752	1.430409	.9299853

#1	.0059979	.0012021	40.79410	.0891884	.0725926	.2527822	157.3913
#2	.0060760	.0010272	41.49088	.0877073	.0719884	.2601026	160.2999
#3	.0058597	.0013287	41.31027	.0893942	.0722639	.2569160	158.4099

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.594325	43.14435	.0858974	.0025928	2.813340	.3671496	.3834975
Stddev	.046984	.39143	.0002267	.0003112	.103111	.0061192	.0150509
%RSD	1.022656	.9072584	.2639597	12.00218	3.665081	1.666675	3.924646

#1	4.547527	42.85833	.0861368	.0028817	2.930066	.3632986	.3684318
#2	4.641493	43.59044	.0858693	.0026334	2.775301	.3742055	.3835271
#3	4.593957	42.98427	.0856860	.0022633	2.734651	.3639445	.3985336

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.66702	5.417673	.0609783	.0055048	3.173900	5.234886	.0109978
Stddev	.05472	.018184	.0029940	.0000301	.016027	.011160	.0004201
%RSD	.2647647	.3356437	4.910026	.5469536	.5049662	.2131785	3.819572

#1	20.66170	5.438348	.0580905	.0055390	3.190903	5.224658	.0111798
#2	20.72420	5.404162	.0640683	.0054932	3.171727	5.233213	.0105175
#3	20.61515	5.410510	.0607761	.0054823	3.159071	5.246788	.0112963

Sample Name: J4977-01 Acquired: 9/28/2018 16:23:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKP3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.012050	.1300357	.6213983
Stddev	.034001	.0011812	.0006988
%RSD	.6783913	.9083890	.1124579

#1	4.975624	.1286788	.6206628
#2	5.042950	.1308340	.6220535
#3	5.017576	.1305944	.6214787

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2781.745	3026.722	62162.73	6047.290	4281.641
Stddev	8.770	.352	153.27	6.771	8.093
%RSD	.3152677	.0116426	.2465645	.1119653	.1890200

#1	2774.311	3026.636	62054.69	6041.830	4272.324
#2	2791.417	3026.421	62095.35	6045.174	4286.931
#3	2779.507	3027.110	62338.15	6054.866	4285.669

Sample Name: J4977-02 Acquired: 9/28/2018 16:27:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKP4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0923344	.0111279	.1465672	-.032486	.0116604	189.1456	1.954588
Stddev	.0038975	.0031126	.0012012	.001442	.0006248	.3044	.003269
%RSD	4.221068	27.97159	.8195389	4.437670	5.358468	.1609136	.1672629

#1	.0880445	.0140728	.1479221	-.031067	.0109996	188.8226	1.958282
#2	.0956575	.0078710	.1456328	-.033949	.0122416	189.4270	1.952068
#3	.0933012	.0114399	.1461466	-.032441	.0117399	189.1873	1.953414

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118695	.0029395	93.77470	.1483393	.1413096	.4576751	327.3587
Stddev	.0001187	.0001082	.27419	.0001538	.0001988	.0022861	.9911
%RSD	1.000292	3.681951	.2923960	.1036621	.1406669	.4994951	.3027699

#1	.0119988	.0029984	93.50119	.1485076	.1412422	.4575509	326.8640
#2	.0118443	.0030054	94.04957	.1482061	.1411533	.4554536	328.4998
#3	.0117654	.0028146	93.77333	.1483044	.1415333	.4600207	326.7123

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.421918	87.03667	.1695934	.0055505	6.272341	.6988674	.7424097
Stddev	.026603	.43366	.0009915	.0006055	.138424	.0055444	.0197885
%RSD	.2823501	.4982451	.5846569	10.90907	2.206901	.7933407	2.665444

#1	9.398047	86.65484	.1699974	.0048820	6.429644	.6948084	.7200489
#2	9.450597	87.50814	.1684637	.0060620	6.169128	.6966092	.7576622
#3	9.417111	86.94703	.1703193	.0057076	6.218251	.7051845	.7495179

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.28619	9.355552	.1317901	.0213762	17.85796	4.261407	.0204606
Stddev	.06766	.034755	.0014850	.0000421	.04133	.016283	.0005801
%RSD	.1600073	.3714873	1.126769	.1967691	.2314418	.3821132	2.835141

#1	42.36149	9.387965	.1318111	.0213282	17.85342	4.242797	.0199196
#2	42.26656	9.318853	.1332644	.0213933	17.81909	4.273037	.0210731
#3	42.23051	9.359836	.1302947	.0214069	17.90138	4.268387	.0203889

Sample Name: J4977-02 Acquired: 9/28/2018 16:27:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKP4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.929516	.2954612	1.171471
Stddev	.024689	.0014528	.001763
%RSD	.2764845	.4916949	.1505092

#1	8.913808	.2941977	1.170864
#2	8.957973	.2951374	1.173457
#3	8.916766	.2970486	1.170091

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2852.978	3099.172	64483.82	6262.482	4078.095
Stddev	6.815	4.798	283.03	24.879	5.844
%RSD	.2388742	.1548135	.4389200	.3972697	.1432943

#1	2854.957	3099.378	64311.88	6272.839	4073.003
#2	2845.393	3103.864	64329.10	6234.098	4084.475
#3	2858.585	3094.275	64810.49	6280.510	4076.806

Sample Name: J4977-03 Acquired: 9/28/2018 16:31:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKY5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0933087	.0090181	.1666447	-.037360	.0103362	218.4048	2.276353
Stddev	.0051352	.0011854	.0039124	.003906	.0016970	.3876	.003354
%RSD	5.503495	13.14494	2.347762	10.45536	16.41765	.1774837	.1473309

#1	.0880083	.0082217	.1645392	-.040374	.0114927	218.7422	2.279916
#2	.0936567	.0084522	.1642358	-.032947	.0111276	218.4908	2.275886
#3	.0982611	.0103804	.1711589	-.038758	.0083880	217.9814	2.273258

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137390	.0030568	140.3701	.1713649	.1610845	.4881785	369.0025
Stddev	.0001026	.0002153	.4504	.0007221	.0011178	.0023422	2.4440
%RSD	.7466536	7.042325	.3208721	.4213897	.6939001	.4797749	.6623341

#1	.0136299	.0028283	140.8595	.1705763	.1604212	.4907367	371.7932
#2	.0138336	.0030865	140.2780	.1719939	.1604574	.4876594	367.9704
#3	.0137534	.0032557	139.9729	.1715245	.1623750	.4861395	367.2438

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.24940	101.8326	.1953511	.0046829	6.507811	.7752956	.8407235
Stddev	.05788	.6538	.0008660	.0005001	.091890	.0048333	.0318028
%RSD	.5144982	.6420297	.4433152	10.67825	1.411995	.6234193	3.782794

#1	11.31473	102.5806	.1948581	.0051761	6.405768	.7710467	.8771721
#2	11.22894	101.5470	.1948442	.0041763	6.533649	.7805540	.8263778
#3	11.20453	101.3702	.1963511	.0046964	6.584016	.7742860	.8186206

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.14399	11.28342	.1469442	.0167662	21.74309	4.978901	.0217027
Stddev	.02676	.02803	.0034449	.0002639	.00193	.011424	.0007535
%RSD	.0533755	.2484278	2.344347	1.573754	.0088783	.2294548	3.472080

#1	50.17188	11.25969	.1506998	.0166054	21.74473	4.978724	.0224532
#2	50.14158	11.27622	.1439311	.0170707	21.74096	4.990412	.0209462
#3	50.11851	11.31435	.1462018	.0166225	21.74358	4.967565	.0217086

Sample Name: J4977-03 Acquired: 9/28/2018 16:31:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKY5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	9.057541	.3521692	1.424667
Stddev	.036927	.0009926	.001444
%RSD	.4076900	.2818385	.1013699

#1	9.093648	.3531665	1.426324
#2	9.059130	.3521598	1.424006
#3	9.019845	.3511815	1.423672

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2877.921	3131.590	65096.54	6311.988	4021.948
Stddev	16.614	3.940	418.37	26.715	6.632
%RSD	.5772893	.1258087	.6426877	.4232402	.1648846

#1	2865.631	3132.623	64825.08	6300.879	4019.848
#2	2871.309	3134.909	64886.20	6292.619	4029.375
#3	2896.823	3127.236	65578.34	6342.465	4016.620

Sample Name: J4977-04 Acquired: 9/28/2018 16:35:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKY6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0965667	.0024777	.1802454	-.047750	.0132671	268.5785	2.448275
Stddev	.0059846	.0006439	.0011224	.002178	.0005380	.6189	.004291
%RSD	6.197422	25.98721	.6226933	4.560510	4.054920	.2304345	.1752777

#1	.0897341	.0018176	.1791021	-.047287	.0127651	268.3594	2.448798
#2	.0990869	.0031040	.1813456	-.050122	.0132013	268.0990	2.443746
#3	.1008790	.0025116	.1802886	-.045841	.0138350	269.2772	2.452280

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155168	.0040974	143.8777	.1828735	.1931674	.5292745	427.4649
Stddev	.0001324	.0000734	.2451	.0006210	.0007315	.0044215	1.0307
%RSD	.8532884	1.790545	.1703807	.3395821	.3786680	.8353845	.2411211

#1	.0154086	.0040951	143.6690	.1826832	.1923816	.5343161	426.3750
#2	.0154775	.0041718	143.8165	.1835674	.1932921	.5260562	427.5959
#3	.0156644	.0040251	144.1476	.1823699	.1938285	.5274512	428.4239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.23768	122.7543	.2226799	.0040652	8.292443	.9065578	1.015981
Stddev	.02758	.3701	.0009294	.0004405	.243490	.0088409	.010620
%RSD	.2454498	.3015337	.4173907	10.83469	2.936288	.9752156	1.045265

#1	11.22029	122.5459	.2216516	.0042812	8.448400	.9035495	1.015630
#2	11.22326	122.5354	.2234601	.0035585	8.417063	.8996136	1.026771
#3	11.26948	123.1817	.2229281	.0043560	8.011868	.9165102	1.005540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	64.60391	13.33998	.1564992	.0163159	16.70440	4.993557	.0302130
Stddev	.18117	.02387	.0075458	.0001817	.02264	.019310	.0005049
%RSD	.2804367	.1789280	4.821620	1.113687	.1355390	.3867009	1.671183

#1	64.52889	13.31647	.1558059	.0163405	16.67855	4.991383	.0304498
#2	64.47230	13.33927	.1643677	.0161231	16.72068	4.975426	.0305560
#3	64.81054	13.36419	.1493239	.0164840	16.71398	5.013862	.0296332

Sample Name: J4977-04 Acquired: 9/28/2018 16:35:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKY6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	12.55217	.4488929	1.576944
Stddev	.03379	.0015562	.002578
%RSD	.2691708	.3466769	.1634563

#1	12.53088	.4505571	1.575548
#2	12.53450	.4474737	1.575366
#3	12.59113	.4486480	1.579919

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2938.204	3187.363	66955.73	6557.846	3949.717
Stddev	6.802	1.956	139.06	20.055	5.229
%RSD	.2314932	.0613547	.2076935	.3058234	.1323953

#1	2933.915	3189.504	67057.87	6577.888	3954.145
#2	2946.047	3185.671	67011.97	6557.874	3951.058
#3	2934.651	3186.913	66797.36	6537.777	3943.948

Sample Name: J4977-05 Acquired: 9/28/2018 16:39:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKY7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1427125	.0096558	.1951660	-.050000	.0184507	272.2585	2.702887
Stddev	.0057935	.0013481	.0011201	.003508	.0022795	.3893	.006895
%RSD	4.059589	13.96113	.5739106	7.016338	12.35470	.1430054	.2550971

#1	.1394322	.0108495	.1949131	-.047399	.0191167	272.6992	2.708385
#2	.1393034	.0081937	.1963910	-.053990	.0159123	272.1151	2.705125
#3	.1494019	.0099242	.1941941	-.048611	.0203230	271.9612	2.695151

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163570	.0047544	238.4328	.1772760	.1875992	.5591144	425.7509
Stddev	.0001124	.0001830	.6287	.0008475	.0007539	.0082360	.5816
%RSD	.6872766	3.849402	.2636695	.4780867	.4018491	1.473047	.1365978

#1	.0162283	.0045431	238.3371	.1775383	.1876848	.5685961	425.2812
#2	.0164361	.0048650	237.8575	.1763283	.1883066	.5550102	425.5700
#3	.0164066	.0048550	239.1039	.1779614	.1868062	.5537369	426.4014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.51806	122.7660	.2296206	.0060513	7.524524	.8474299	.9825339
Stddev	.06594	.3482	.0012375	.0009819	.165434	.0195649	.0084784
%RSD	.4877928	.2836214	.5389311	16.22594	2.198601	2.308729	.8629159

#1	13.48083	122.3658	.2310139	.0052369	7.689688	.8504145	.9920573
#2	13.47915	122.9996	.2291989	.0057753	7.525064	.8265443	.9758067
#3	13.59419	122.9326	.2286491	.0071417	7.358821	.8653310	.9797378

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	60.23659	12.64294	.1452279	.0377886	42.53995	4.925195	.0249961
Stddev	.10832	.01170	.0099389	.0005769	.08097	.015039	.0004005
%RSD	.1798232	.0925132	6.843623	1.526768	.1903504	.3053483	1.602129

#1	60.31994	12.65336	.1523196	.0377666	42.63312	4.915204	.0254432
#2	60.11415	12.64518	.1494962	.0383763	42.48658	4.942491	.0246705
#3	60.27567	12.63029	.1338679	.0372230	42.50015	4.917889	.0248745

Sample Name: J4977-05 Acquired: 9/28/2018 16:39:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKY7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.981089	.4334228	2.110974
Stddev	.016482	.0014865	.003994
%RSD	.1835220	.3429799	.1892199

#1	8.992464	.4350670	2.112661
#2	8.962187	.4321737	2.113847
#3	8.988616	.4330276	2.106412

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2872.294	3112.475	65361.46	6461.320	3866.637
Stddev	19.170	2.630	444.21	15.328	1.970
%RSD	.6674081	.0845059	.6796145	.2372280	.0509505

#1	2850.987	3110.189	64987.18	6452.099	3867.914
#2	2888.145	3111.885	65852.33	6452.848	3864.368
#3	2877.749	3115.350	65244.85	6479.015	3867.629

Sample Name: J4977-06 Acquired: 9/28/2018 16:43:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKY8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1141191	.0116463	.1612610	-.036091	.0125247	238.6112	2.242561
Stddev	.0020533	.0005282	.0025205	.002384	.0014053	.4694	.003057
%RSD	1.799295	4.534950	1.562961	6.605610	11.22047	.1967417	.1363187

#1	.1123644	.0110579	.1640635	-.034790	.0124180	238.3762	2.241338
#2	.1163774	.0118018	.1591800	-.038843	.0139804	238.3058	2.240304
#3	.1136154	.0120793	.1605394	-.034641	.0111758	239.1518	2.246040

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144079	.0034677	196.6035	.2869538	.1606914	.4904407	371.4017
Stddev	.0001712	.0000726	.4770	.0008825	.0002709	.0058061	1.0336
%RSD	1.188240	2.092804	.2426430	.3075258	.1685628	1.183855	.2782844

#1	.0142414	.0034795	196.3921	.2860543	.1606557	.4923259	372.1640
#2	.0145835	.0033899	196.2687	.2869890	.1604402	.4839263	370.2253
#3	.0143988	.0035336	197.1498	.2878182	.1609784	.4950700	371.8158

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.42318	105.8908	.2852423	.0058541	6.251615	.7603332	.8324997
Stddev	.03610	.0557	.0009375	.0009373	.116160	.0068167	.0040948
%RSD	.3160106	.0525775	.3286668	16.01090	1.858072	.8965434	.4918680

#1	11.44317	105.9486	.2863208	.0067276	6.129752	.7680001	.8358878
#2	11.38151	105.8375	.2846223	.0048640	6.264017	.7580429	.8336617
#3	11.44486	105.8864	.2847838	.0059706	6.361076	.7549565	.8279494

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.72292	10.42194	.1315369	.0414929	31.40542	5.432458	.0208517
Stddev	.17370	.01879	.0042458	.0002050	.06166	.015492	.0011673
%RSD	.3358261	.1802672	3.227880	.4941349	.1963436	.2851675	5.598029

#1	51.77675	10.40181	.1272798	.0415516	31.39447	5.414579	.0208332
#2	51.52868	10.42501	.1357714	.0412649	31.47183	5.441889	.0196939
#3	51.86333	10.43900	.1315594	.0416622	31.34998	5.440906	.0220282

Sample Name: J4977-06 Acquired: 9/28/2018 16:43:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKY8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.175201	.3694673	1.676204
Stddev	.010948	.0014100	.001347
%RSD	.1339209	.3816353	.0803646

#1	8.179567	.3678686	1.677193
#2	8.162743	.3699997	1.674670
#3	8.183292	.3705336	1.676748

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2843.385	3086.029	64556.62	6278.927	3949.305
Stddev	14.326	3.252	186.35	19.615	6.378
%RSD	.5038202	.1053779	.2886580	.3123903	.1614982

#1	2845.568	3085.634	64449.98	6297.492	3942.084
#2	2856.494	3089.461	64771.80	6280.880	3951.660
#3	2828.094	3082.993	64448.10	6258.408	3954.171

Sample Name: J4977-07 Acquired: 9/28/2018 16:47:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKY8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1097163	.0111865	.1599367	-.039590	.0107056	238.0986	2.219942
Stddev	.0051590	.0002358	.0007078	.003699	.0030171	.7619	.006272
%RSD	4.702093	2.107950	.4425400	9.343991	28.18217	.3199852	.2825089

#1	.1126824	.0109524	.1605003	-.038623	.0129714	238.9584	2.224970
#2	.1127073	.0114240	.1591423	-.043677	.0072809	237.5075	2.221942
#3	.1037593	.0111829	.1601674	-.036470	.0118646	237.8298	2.212915

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144086	.0031558	193.3802	.3116857	.1590550	.4887015	370.0743
Stddev	.0001838	.0001375	1.5732	.0009360	.0002640	.0020318	2.9716
%RSD	1.275703	4.356845	.8135524	.3003126	.1660148	.4157526	.8029756

#1	.0146155	.0030229	194.8525	.3122485	.1587920	.4871456	373.0760
#2	.0142643	.0032975	191.7225	.3122035	.1593201	.4910001	367.1337
#3	.0143459	.0031471	193.5655	.3106052	.1590529	.4879587	370.0132

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.39180	105.7646	.2996650	.0050564	6.129861	.7520040	.8559638
Stddev	.13064	.8470	.0007644	.0003203	.057459	.0103004	.0132937
%RSD	1.146811	.8008759	.2550865	6.333520	.9373703	1.369720	1.553069

#1	11.49844	106.5931	.3002177	.0047202	6.067723	.7638119	.8415446
#2	11.24608	104.9001	.2987926	.0050913	6.140788	.7473363	.8677328
#3	11.43089	105.8005	.2999846	.0053579	6.181073	.7448639	.8586140

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.50455	10.30341	.1329942	.0443317	30.84531	5.391912	.0209189
Stddev	.15099	.03332	.0085749	.0003838	.11187	.041510	.0014634
%RSD	.2931498	.3234083	6.447557	.8656753	.3626682	.7698637	6.995429

#1	51.54754	10.26510	.1418934	.0444342	30.77765	5.405457	.0210550
#2	51.33673	10.31949	.1323036	.0439071	30.78384	5.345321	.0223094
#3	51.62937	10.32565	.1247854	.0446538	30.97443	5.424957	.0193922

Sample Name: J4977-07 Acquired: 9/28/2018 16:47:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: MYAKY8D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.127709	.3682449	1.646993
Stddev	.028698	.0023454	.002339
%RSD	.3530866	.6369128	.1420195

#1	8.159334	.3709341	1.644922
#2	8.103325	.3666232	1.649530
#3	8.120469	.3671772	1.646528

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2833.014	3088.048	64317.02	6262.876	3975.735
Stddev	10.166	2.818	134.46	36.269	2.302
%RSD	.3588331	.0912699	.2090514	.5791171	.0578981

#1	2840.589	3089.758	64169.06	6248.165	3978.280
#2	2836.991	3084.795	64431.74	6304.190	3975.125
#3	2821.461	3089.591	64350.25	6236.274	3973.799

Sample Name: J4977-08 Acquired: 9/28/2018 16:51:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKY8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1770428	.1062532	.1873234	.0411282	.1873056	232.5375	5.888189
Stddev	.0009575	.0008713	.0026412	.0035927	.0024649	.5701	.009387
%RSD	.5408427	.8199853	1.409948	8.735347	1.315966	.2451662	.1594147

#1	.1760401	.1063295	.1846339	.0428334	.1898322	232.7082	5.897197
#2	.1771407	.1053463	.1899134	.0370005	.1871770	231.9016	5.888905
#3	.1779476	.1070838	.1874228	.0435508	.1849075	233.0029	5.878465

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1014023	.1003447	185.4452	.5234715	1.166200	.9359371	359.1375
Stddev	.0007566	.0001060	1.2582	.0029916	.000683	.0030685	2.4596
%RSD	.7461803	.1056116	.6784969	.5714846	.0585401	.3278509	.6848543

#1	.1018248	.1002248	185.6058	.5267989	1.165569	.9327549	360.1117
#2	.1005287	.1004256	184.1145	.5210041	1.166106	.9388775	356.3400
#3	.1018533	.1003838	186.6155	.5226117	1.166925	.9361788	360.9607

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.85010	102.1880	1.192915	.0904137	5.997189	1.669572	1.715477
Stddev	.10467	.6120	.002691	.0008535	.077706	.008255	.020837
%RSD	.8832956	.5989067	.2255845	.9440211	1.295700	.4944271	1.214670

#1	11.87187	102.3529	1.193061	.0908177	5.958799	1.677335	1.704791
#2	11.73626	101.5104	1.190154	.0894332	5.946149	1.660900	1.702151
#3	11.94218	102.7006	1.195530	.0909902	6.086618	1.670482	1.739490

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.46654	67.01257	.9862768	.8357598	80.14404	5.204220	.0196101
Stddev	.15278	.25987	.0078455	.0008554	.25345	.043295	.0006659
%RSD	.3088560	.3877928	.7954711	.1023500	.3162464	.8319167	3.395576

#1	49.63610	67.26417	.9915377	.8367449	80.27431	5.224721	.0196126
#2	49.42391	66.74516	.9772593	.8352047	79.85195	5.154483	.0189430
#3	49.33960	67.02838	.9900335	.8353298	80.30587	5.233457	.0202747

Sample Name: J4977-08 Acquired: 9/28/2018 16:51:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKY8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	7.830496	.3563714	1.586982
Stddev	.025826	.0029804	.003327
%RSD	.3298123	.8363124	.2096707

#1	7.847322	.3585960	1.590772
#2	7.800761	.3529851	1.584542
#3	7.843405	.3575330	1.585631

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2846.416	3087.253	64560.71	6264.407	4009.701
Stddev	6.745	12.053	109.52	34.101	9.318
%RSD	.2369573	.3904099	.1696337	.5443670	.2323809

#1	2839.432	3073.552	64589.51	6233.330	3999.383
#2	2846.922	3091.987	64439.67	6300.888	4017.502
#3	2852.893	3096.221	64652.95	6259.005	4012.216

Sample Name: J4977-06LX5 Acquired: 9/28/2018 16:54:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKY8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0268398	.0050046	.0316430	-.011698	.0003900	51.27360	.4879589
Stddev	.0010885	.0015623	.0007108	.003282	.0019555	.10198	.0022230
%RSD	4.055623	31.21629	2.246470	28.05437	501.4645	.1988935	.4555656

#1	.0280682	.0062835	.0308571	-.008374	-.000969	51.17802	.4887545
#2	.0264561	.0032634	.0318308	-.011783	.002631	51.26183	.4854476
#3	.0259950	.0054670	.0322410	-.014936	-.000492	51.38096	.4896745

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032784	.0002089	42.85050	.0400802	.0301117	.1078311	79.83079
Stddev	.0000486	.0000725	.18568	.0001224	.0003389	.0005149	.52853
%RSD	1.483828	34.70695	.4333206	.3053880	1.125598	.4775019	.6620571

#1	.0032880	.0001927	42.63611	.0401531	.0303686	.1077038	79.25342
#2	.0032256	.0001458	42.96027	.0401485	.0302389	.1083976	80.29070
#3	.0033215	.0002881	42.95511	.0399389	.0297275	.1073917	79.94827

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.558155	23.34454	.0410573	.0014900	1.002791	.1650362	.1965776
Stddev	.004844	.18213	.0001622	.0000515	.172069	.0075020	.0242097
%RSD	.1893711	.7801973	.3949306	3.454809	17.15898	4.545654	12.31560

#1	2.553771	23.23007	.0410768	.0014336	.817951	.1570128	.2156055
#2	2.563356	23.24898	.0412089	.0015345	1.032097	.1718761	.2047996
#3	2.557338	23.55456	.0408863	.0015019	1.158325	.1662196	.1693277

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.85511	2.063333	.0359748	.0064735	6.192581	1.226230	.0027553
Stddev	.13147	.007346	.0013088	.0001524	.018046	.002001	.0007095
%RSD	1.211128	.3560188	3.637975	2.353877	.2914111	.1631776	25.75038

#1	10.85441	2.064806	.0354206	.0065596	6.192366	1.223919	.0035278
#2	10.72400	2.055363	.0374695	.0065633	6.174643	1.227380	.0021328
#3	10.98693	2.069831	.0350343	.0062976	6.210733	1.227390	.0026054

Sample Name: J4977-06LX5 Acquired: 9/28/2018 16:54:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: MYAKY8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.803120	.0773914	.3665274
Stddev	.002961	.0011146	.0011288
%RSD	.1642260	1.440208	.3079690

#1	1.800416	.0775847	.3654628
#2	1.806284	.0783967	.3664084
#3	1.802659	.0761928	.3677109

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2690.583	2945.888	60220.74	5812.754	4340.873
Stddev	13.436	2.688	355.42	36.592	7.483
%RSD	.4993641	.0912545	.5901903	.6295156	.1723865

#1	2678.190	2943.303	59981.08	5819.988	4333.816
#2	2704.862	2945.693	60629.09	5845.189	4340.084
#3	2688.696	2948.669	60052.04	5773.085	4348.719

Sample Name: CCV042 Acquired: 9/28/2018 16:59:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.818760	4.789504	24.04042	4.531600	4.763546	394.9058	9.805260
Stddev	.000606	.003516	.04431	.006252	.008525	.5636	.011886
%RSD	.0125717	.0734112	.1843282	.1379637	.1789652	.1427095	.1212257

#1	4.818089	4.786538	24.09027	4.529911	4.771882	395.4172	9.813482
#2	4.818924	4.788586	24.02548	4.538524	4.754843	394.3016	9.791631
#3	4.819268	4.793388	24.00551	4.526367	4.763911	394.9986	9.810667

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4854580	2.386164	400.6122	14.76960	2.464526	14.84967	409.8860
Stddev	.0024003	.001505	1.3801	.00225	.005066	.01543	2.0245
%RSD	.4944433	.0630747	.3445088	.0152088	.2055382	.1038969	.4939264

#1	.4855748	2.384429	402.1861	14.77218	2.469871	14.84260	412.1785
#2	.4830014	2.386943	399.6085	14.76809	2.459795	14.83905	409.1361
#3	.4877977	2.387119	400.0420	14.76853	2.463914	14.86737	408.3434

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85260	399.4868	2.430285	1.212188	392.9391	2.444643	14.67487
Stddev	.07279	1.2327	.001076	.006099	.4130	.018030	.09960
%RSD	.4900665	.3085596	.0442873	.5031038	.1051047	.7375297	.6787220

#1	14.92656	400.9101	2.429607	1.216481	393.1239	2.464367	14.71980
#2	14.78104	398.7653	2.429721	1.205208	392.4660	2.429011	14.74408
#3	14.85020	398.7850	2.431526	1.214877	393.2275	2.440552	14.56071

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.5182	54.60632	4.861874	4.668325	49.38522	4.842169	4.850184
Stddev	.2712	.14048	.016812	.008932	.01940	.019547	.004172
%RSD	.1802090	.2572582	.3457887	.1913266	.0392745	.4036902	.0860253

#1	150.6787	54.74095	4.870675	4.658077	49.38675	4.832390	4.852514
#2	150.2050	54.61737	4.842489	4.672436	49.36510	4.829441	4.852670
#3	150.6709	54.46065	4.872459	4.674460	49.40380	4.864676	4.845367

Sample Name: CCV042 Acquired: 9/28/2018 16:59:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV042 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.905221	4.923161	4.942729
Stddev	.006527	.013961	.005284
%RSD	.1330690	.2835695	.1068989

#1	4.912606	4.921454	4.946048
#2	4.902833	4.910133	4.936636
#3	4.900224	4.937897	4.945504

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2339.505	2468.646	54897.11	5330.885	3507.941
Stddev	3.277	.894	73.34	32.758	4.271
%RSD	.1400910	.0362329	.1336034	.6144926	.1217590

#1	2335.733	2468.876	54831.61	5329.856	3503.252
#2	2341.657	2467.659	54976.35	5364.144	3508.960
#3	2341.125	2469.403	54883.38	5298.653	3511.610

Sample Name: CCB042 Acquired: 9/28/2018 17:02:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB042 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001367	.0005782	.0014455	-.001651	-.000392	-.004421	-.000410
Stddev	.002052	.0016006	.0003828	.000373	.001278	.007310	.000437
%RSD	150.1622	276.8288	26.47880	22.60957	325.8116	165.3363	106.6850

#1	-.001428	-.001213	.0017356	-.002072	.001024	-.007718	.000073
#2	.000715	.001081	.0015893	-.001363	-.000741	.003957	-.000779
#3	-.003388	.001867	.0010117	-.001517	-.001460	-.009502	-.000523

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000710	-.000023	-.018104	.0004799	.0003288	.0013195	.0185842
Stddev	.0000434	.000078	.015056	.0001549	.0001901	.0009600	.0111610
%RSD	61.13314	331.6514	83.16247	32.26796	57.82063	72.75399	60.05648

#1	.0000979	.000055	-.010018	.0006226	.0001151	.0018463	.0280617
#2	.0000209	-.000024	-.035476	.0003152	.0003923	.0019008	.0214085
#3	.0000942	-.000101	-.008820	.0005020	.0004790	.0002114	.0062823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005076	-.018654	.0002523	.0006486	-.306266	-.004332	.0097635
Stddev	.0011832	.036656	.0000977	.0001880	.144339	.001595	.0169160
%RSD	233.0829	196.5000	38.73792	28.99011	47.12868	36.81328	173.2567

#1	.0014336	-.013125	.0001645	.0005090	-.162989	-.003635	.0080568
#2	.0009146	-.057761	.0002347	.0008624	-.304165	-.006156	.0274682
#3	-.000825	.014923	.0003576	.0005743	-.451644	-.003204	-.006234

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0734879	.0143694	.0105172	.0002615	-.000827	.0006211	-.001710
Stddev	.0105725	.0012017	.0004424	.0001789	.001976	.0007717	.000417
%RSD	14.38677	8.362719	4.206307	68.40027	239.0019	124.2520	24.39070

#1	.0718411	.0150194	.0104051	.0000569	-.003109	-.000243	-.001303
#2	.0638354	.0129827	.0101416	.0003881	.000308	.001241	-.001690
#3	.0847872	.0151061	.0110048	.0003396	.000320	.000865	-.002136

Sample Name: CCB042 Acquired: 9/28/2018 17:02:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB042 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003249	.0037268	.0002256
Stddev	.000648	.0015550	.0000266
%RSD	19.95404	41.72449	11.78904

#1	-.003255	.0044314	.0002456
#2	-.003895	.0048048	.0001954
#3	-.002598	.0019443	.0002359

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2651.188	2904.698	58133.20	5542.663	4465.153
Stddev	9.759	6.097	363.35	18.839	6.618
%RSD	.3680832	.2099032	.6250341	.3398901	.1482243

#1	2656.312	2898.306	58313.25	5525.550	4463.299
#2	2657.318	2910.449	57714.98	5539.590	4472.501
#3	2639.935	2905.339	58371.38	5562.850	4459.659

Sample Name: PB113332BL Acquired: 9/28/2018 17:34:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	-.002098	.0005545	.0035722	-.002270	-.001476	-.015327	-.001438
Stddev	.001677	.0007034	.0011123	.001250	.001534	.004786	.000689
%RSD	79.92017	126.8469	31.13750	55.07203	103.9140	31.22276	47.93111

#1	-.000182	.0010557	.0023843	-.000977	.000093	-.013407	-.001164
#2	-.003296	-.000250	.0037431	-.003471	-.002972	-.011800	-.000928
#3	-.002816	.000857	.0045891	-.002361	-.001549	-.020774	-.002223

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000906	-.000098	.0129965	.0000714	.0001881	.0013599	.0014699
Stddev	.0000502	.000094	.0148359	.0002176	.0002464	.0027220	.0064501
%RSD	55.39784	96.22372	114.1528	304.5347	130.9654	200.1642	438.8238

#1	.0000956	-.000075	.0197686	.0001964	.0004218	.0027128	.0039774
#2	.0001381	-.000017	.0232380	.0001977	-.000069	.0031404	-.005857
#3	.0000381	-.000202	-.004017	-.000180	.000212	-.001774	.006290

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000867	-.018973	.0001331	.0004862	-.390642	-.004038	.0044560
Stddev	.0004616	.051560	.0004862	.0003940	.315797	.008502	.0034630
%RSD	532.4712	271.7587	365.4090	81.03866	80.84058	210.5288	77.71551

#1	.0006195	.009954	.0006339	.0007164	-.060055	-.007518	.0076757
#2	-.000166	.011629	.0001024	.0007109	-.422662	.005651	.0007924
#3	-.000194	-.078501	-.000337	.0000313	-.689210	-.010248	.0049001

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.059055	-.007389	-.002428	.0001602	-.002440	.0016898	-.001779
Stddev	.100033	.002050	.000737	.0003286	.002251	.0008507	.000627
%RSD	169.3882	27.74786	30.34346	205.1676	92.25179	50.34274	35.25932

#1	-.003238	-.008287	-.002959	.0004572	-.000081	.0025291	-.002472
#2	.000613	-.008837	-.001587	.0002162	-.004564	.0008282	-.001251
#3	-.174542	-.005043	-.002739	-.000193	-.002673	.0017121	-.001612

Sample Name: PB113332BL Acquired: 9/28/2018 17:34:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	-.003056	-.001937	.0001435
Stddev	.001758	.000795	.0001804
%RSD	57.51412	41.05590	125.6902

#1	-.003794	-.001501	-.000064
#2	-.001050	-.001455	.000264
#3	-.004324	-.002855	.000230

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2583.600	2862.818	57321.88	5471.343	4393.703
Stddev	9.825	7.717	191.69	4.950	10.448
%RSD	.3802856	.2695455	.3344156	.0904661	.2378054

#1	2580.172	2854.937	57260.91	5475.040	4383.223
#2	2575.949	2863.157	57168.08	5465.720	4393.767
#3	2594.680	2870.359	57536.64	5473.270	4404.119

Sample Name: PB113332BS Acquired: 9/28/2018 17:38:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.0164584	.0506156	.0189575	.0653721	.1138843	.3705499
Stddev	.0044332	.0005693	.0016072	.0021878	.0012212	.0106376
%RSD	26.93555	1.124718	8.477759	3.346612	1.072275	2.870761

#1	.0215412	.0506252	.0203037	.0678143	.1152050	.3785457
#2	.0133911	.0500415	.0171782	.0635915	.1127962	.3746273
#3	.0144429	.0511800	.0193906	.0647106	.1136516	.3584768

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3854732	.0100592	.0095239	10.08886	F .0262559	.0938382
Stddev	.0015018	.0000999	.0000701	.05027	.0006825	.0004872
%RSD	.3895976	.9932645	.7360816	.4982578	2.599308	.5192153

#1	.3865939	.0099448	.0094441	10.09776	.0270256	.0933924
#2	.3837668	.0101036	.0095756	10.13409	.0260175	.0943583
#3	.3860589	.0101293	.0095520	10.03474	.0257246	.0937640

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0485490	.1540348	.0324607	9.506877	.0808242	.0191201
Stddev	.0061387	.0070873	.0006370	.040815	.0003543	.0002236
%RSD	12.64431	4.601100	1.962270	.4293223	.4383954	1.169663

#1	.0556362	.1463441	.0323486	9.463198	.0809975	.0193740
#2	.0451146	.1603029	.0331463	9.544045	.0810584	.0190336
#3	.0448962	.1554573	.0318872	9.513389	.0804165	.0189526

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.996906	.1039316	.1307028	9.107284	F 9.583066	F .1997939
Stddev	.159457	.0037619	.0186005	.055742	.057510	.0003872
%RSD	1.772357	3.619610	14.23112	.6120558	.6001180	.1937876

#1	8.857252	.0998020	.1355869	9.154370	9.547979	.2002114
#2	8.962814	.1048295	.1101475	9.121745	9.551783	.1997237
#3	9.170652	.1071633	.1463738	9.045737	9.649436	.1994466

Sample Name: PB113332BS Acquired: 9/28/2018 17:38:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	F .0972244	8.108138	.1884689	F .0120922	.1938954	.0890721
Stddev	.0005045	.006026	.0009216	.0007438	.0016026	.0016041
%RSD	.5188993	.0743236	.4889777	6.150609	.8265166	1.800951

#1	.0966677	8.104236	.1879242	.0126034	.1934567	.0874672
#2	.0973542	8.105099	.1895329	.0124343	.1925578	.0906755
#3	.0976513	8.115079	.1879495	.0112390	.1956716	.0890735

Elem	Sr4077
Units	ppm
Avg	.1961206
Stddev	.0002279
%RSD	.1162251

#1	.1959595
#2	.1963814
#3	.1960209

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2621.104	2872.253	57821.91	5516.289	4448.353
Stddev	5.900	10.156	206.28	14.571	7.928
%RSD	.2251054	.3535967	.3567561	.2641367	.1782252

#1	2614.662	2873.797	57597.15	5505.760	4452.748
#2	2622.403	2881.549	57865.98	5510.189	4453.110
#3	2626.246	2861.414	58002.59	5532.918	4439.201

Sample Name: J5144-01 Acquired: 9/28/2018 17:42:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.0615605	.0068901	.5281436	-.018229	-.001739	87.34655	.7877980
Stddev	.0080634	.0013006	.0032082	.002519	.000973	.16055	.0027267
%RSD	13.09827	18.87640	.6074454	13.81660	55.93348	.1838113	.3461101

#1	.0527623	.0066893	.5254067	-.020772	-.001255	87.51668	.7909447
#2	.0685980	.0082795	.5273500	-.015735	-.002859	87.32529	.7863154
#3	.0633212	.0057016	.5316741	-.018180	-.001103	87.19769	.7861338

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069502	.0095487	46.41683	1.799949	.1063936	.2975742	212.9918
Stddev	.0000512	.0000395	.10464	.001989	.0007320	.0097162	.5412
%RSD	.7370599	.4142395	.2254255	.1104860	.6879975	3.265144	.2541159

#1	.0070002	.0095609	46.52438	1.798148	.1056380	.3082892	213.6155
#2	.0069524	.0095045	46.41075	1.802084	.1064434	.2893364	212.6449
#3	.0068978	.0095808	46.31537	1.799616	.1070995	.2950969	212.7150

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.970852	33.42512	.2324069	.0084596	1.089228	.2350181	1.399325
Stddev	.018741	.33478	.0003072	.0003463	.098206	.0005951	.017361
%RSD	.3770119	1.001579	.1321865	4.093481	9.016089	.2531958	1.240674

#1	4.982844	33.35415	.2323418	.0087812	1.202231	.2351419	1.411359
#2	4.980455	33.78970	.2321375	.0080930	1.024540	.2343709	1.379423
#3	4.949256	33.13152	.2327414	.0085046	1.040912	.2355415	1.407193

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.75853	12.41540	.0315855	.0056967	4.187393	4.599677	.0272518
Stddev	.07823	.00865	.0022559	.0001114	.011469	.027286	.0013464
%RSD	.5686142	.0696855	7.142175	1.955756	.2738876	.5932214	4.940394

#1	13.74559	12.40582	.0340973	.0058253	4.180242	4.588902	.0267651
#2	13.68757	12.42263	.0309274	.0056350	4.181315	4.630705	.0262164
#3	13.84243	12.41776	.0297319	.0056298	4.200621	4.579423	.0287738

Sample Name: J5144-01 Acquired: 9/28/2018 17:42:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	2.205992	.1259037	.1999021
Stddev	.004882	.0006796	.0002362
%RSD	.2213125	.5397945	.1181362

#1	2.210188	.1257534	.1996318
#2	2.207156	.1266458	.2000684
#3	2.200634	.1253117	.2000062

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2893.426	3140.515	65373.38	6267.717	4272.913
Stddev	27.354	5.589	369.22	27.011	5.351
%RSD	.9453834	.1779640	.5647809	.4309470	.1252283

#1	2891.150	3134.206	65426.60	6275.922	4266.742
#2	2921.847	3144.847	65713.10	6237.555	4275.728
#3	2867.281	3142.491	64980.44	6289.673	4276.269

Sample Name: J5144-02 Acquired: 9/28/2018 17:46:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.1726511	.0090236	.7326520	-.022264	.0019569	114.8216	1.078080
Stddev	.0048843	.0033640	.0048497	.003979	.0013725	.3691	.001336
%RSD	2.829008	37.28072	.6619422	17.86986	70.13690	.3214821	.1239411

#1	.1696098	.0120857	.7303725	-.019765	.0013395	114.5100	1.076868
#2	.1782851	.0095624	.7382216	-.026852	.0010015	114.7255	1.077858
#3	.1700584	.0054226	.7293621	-.020176	.0035297	115.2293	1.079513

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103110	.0165694	31.37454	1.778635	.1525880	.4007674	294.4735
Stddev	.0000669	.0002695	.27861	.001074	.0002362	.0013650	.8616
%RSD	.6490373	1.626168	.8880150	.0603615	.1547942	.3405930	.2926033

#1	.0102939	.0168777	31.11028	1.779109	.1524299	.4022452	293.4788
#2	.0103849	.0163791	31.34776	1.777406	.1528595	.3995538	294.9524
#3	.0102544	.0164513	31.66557	1.779390	.1524745	.4005033	294.9893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.996791	39.62456	.2878012	.0114846	1.794033	.3067856	2.020809
Stddev	.048016	.03646	.0004742	.0001015	.171023	.0028247	.014212
%RSD	.6862577	.0920071	.1647818	.8837245	9.532868	.9207262	.7032833

#1	6.949224	39.60708	.2874366	.0115416	1.670649	.3086681	2.010241
#2	6.995906	39.60013	.2883374	.0113674	1.722192	.3035377	2.015221
#3	7.045243	39.66647	.2876296	.0115447	1.989259	.3081511	2.036966

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.40810	10.59388	.0331288	.0042142	3.254173	5.413600	.0497335
Stddev	.05857	.01908	.0033603	.0003548	.011320	.043634	.0013073
%RSD	.3801174	.1801290	10.14298	8.418220	.3478695	.8059995	2.628620

#1	15.34517	10.61298	.0369555	.0043004	3.253993	5.384363	.0503653
#2	15.46101	10.59385	.0306599	.0038243	3.265582	5.463755	.0506049
#3	15.41812	10.57481	.0317711	.0045179	3.242944	5.392684	.0482303

Sample Name: J5144-02 Acquired: 9/28/2018 17:46:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	2.310213	.1901889	.1754520
Stddev	.012585	.0004502	.0000645
%RSD	.5447639	.2367257	.0367579

#1	2.298360	.1897337	.1754790
#2	2.308857	.1901992	.1754986
#3	2.323421	.1906339	.1753784

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3001.534	3260.320	67787.69	6510.488	4225.015
Stddev	13.435	4.162	331.81	16.486	6.332
%RSD	.4475982	.1276588	.4894865	.2532159	.1498602

#1	2994.711	3263.690	67831.49	6527.916	4232.214
#2	3017.011	3255.667	68095.42	6508.403	4220.312
#3	2992.881	3261.602	67436.15	6495.144	4222.519

Sample Name: J5144-03 Acquired: 9/28/2018 17:50:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.0539934	.0075878	1.840941	-.031637	-.000608	165.4874	1.471168
Stddev	.0044858	.0008850	.004092	.003539	.000896	.4175	.007745
%RSD	8.308138	11.66388	.2222531	11.18759	147.3456	.2522806	.5264259

#1	.0590552	.0080624	1.841650	-.035257	-.000599	165.8020	1.467902
#2	.0505105	.0065667	1.836541	-.031469	-.001509	165.6465	1.480011
#3	.0524144	.0081343	1.844632	-.028184	.000283	165.0137	1.465591

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125419	.0136555	25.39466	2.412669	.1842047	.3862257	370.2557
Stddev	.0000802	.0001584	.20293	.003740	.0000856	.0023761	1.9166
%RSD	.6396006	1.159764	.7991097	.1550250	.0464589	.6152022	.5176497

#1	.0126220	.0135403	25.62878	2.412767	.1842764	.3887458	372.2330
#2	.0124616	.0135902	25.26917	2.408881	.1842277	.3859050	368.4061
#3	.0125420	.0138361	25.28602	2.416360	.1841100	.3840263	370.1278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.623464	38.52497	.3026813	.0143001	1.549200	.5305865	1.741304
Stddev	.044227	.11483	.0003260	.0008603	.170497	.0069920	.022852
%RSD	.6677360	.2980786	.1077085	6.016149	11.00549	1.317786	1.312335

#1	6.667783	38.64783	.3024008	.0147040	1.434703	.5340970	1.737430
#2	6.579330	38.42034	.3026041	.0148841	1.745146	.5225348	1.720637
#3	6.623280	38.50674	.3030389	.0133121	1.467751	.5351278	1.765845

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.56788	9.450829	.0003816	.0076728	1.829215	9.198832	.0922654
Stddev	.11490	.022194	.0116029	.0005508	.002618	.085425	.0021153
%RSD	.6540150	.2348388	3040.749	7.179107	.1431281	.9286510	2.292647

#1	17.64775	9.443559	-.000871	.0073083	1.828605	9.288420	.0941536
#2	17.61969	9.433182	-.010544	.0074036	1.832085	9.118290	.0926633
#3	17.43620	9.475747	.012560	.0083065	1.826957	9.189786	.0899794

Sample Name: J5144-03 Acquired: 9/28/2018 17:50:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	3.792382	.1608908	.1466899
Stddev	.004536	.0018335	.0005414
%RSD	.1196143	1.139612	.3691025

#1	3.797591	.1598279	.1469822
#2	3.789301	.1630079	.1470223
#3	3.790254	.1598364	.1460651

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3113.898	3395.135	70331.57	6792.740	4153.124
Stddev	28.344	9.062	400.95	66.350	9.553
%RSD	.9102485	.2669106	.5700888	.9767734	.2300293

#1	3081.947	3386.494	69961.75	6716.244	4147.188
#2	3123.726	3404.566	70275.26	6834.665	4164.144
#3	3136.019	3394.345	70757.70	6827.312	4148.039

Sample Name: J5144-04 Acquired: 9/28/2018 17:54:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.0354890	.0077161	1.605367	-.034929	.0053616	159.8862	1.486673
Stddev	.0040151	.0019651	.000928	.003367	.0013677	.5117	.007059
%RSD	11.31360	25.46734	.0578004	9.640175	25.50893	.3200394	.4748097

#1	.0315022	.0070465	1.605143	-.038734	.0051065	159.8862	1.487978
#2	.0395318	.0099284	1.604572	-.032333	.0068389	160.3978	1.492989
#3	.0354328	.0061732	1.606387	-.033720	.0041395	159.3744	1.479053

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123506	.0116942	31.33661	1.124635	.1778643	.4352979	359.3022
Stddev	.0000793	.0001924	.16268	.001519	.0003441	.0041259	2.0729
%RSD	.6417397	1.645018	.5191326	.1350946	.1934461	.9478315	.5769279

#1	.0124270	.0117238	31.36003	1.126258	.1782544	.4315442	358.7233
#2	.0123562	.0114887	31.48631	1.124401	.1776039	.4397155	361.6030
#3	.0122688	.0118701	31.16349	1.123246	.1777347	.4346342	357.5803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.424613	35.45812	.3031625	.0107910	1.334956	.5183387	2.478000
Stddev	.026173	.41345	.0006534	.0006409	.211115	.0007089	.011021
%RSD	.4073859	1.166035	.2155320	5.938905	15.81438	.1367695	.4447516

#1	6.425992	35.34850	.3033503	.0100998	1.563252	.5175599	2.468789
#2	6.450069	35.91534	.3024358	.0113656	1.294837	.5189465	2.490210
#3	6.397778	35.11052	.3037015	.0109077	1.146780	.5185096	2.475000

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.60705	8.752339	-.000996	.0080470	1.400070	7.866249	.0632635
Stddev	.03001	.042503	.003970	.0005653	.008302	.040925	.0011652
%RSD	.2054235	.4856142	398.6501	7.025395	.5930033	.5202579	1.841822

#1	14.58244	8.784472	.001512	.0080132	1.409243	7.895908	.0641372
#2	14.64048	8.704147	.001073	.0074994	1.393071	7.883279	.0619405
#3	14.59822	8.768398	-.005573	.0086285	1.397896	7.819559	.0637127

Sample Name: J5144-04 Acquired: 9/28/2018 17:54:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	3.771268	.1511850	.1775300
Stddev	.019478	.0012671	.0002501
%RSD	.5164759	.8381405	.1408862

#1	3.767807	.1523469	.1776710
#2	3.792245	.1513742	.1776777
#3	3.753753	.1498339	.1772412

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3130.014	3414.830	70538.46	6778.561	4164.317
Stddev	8.817	5.394	68.89	23.120	6.158
%RSD	.2816792	.1579450	.0976685	.3410824	.1478848

#1	3123.854	3408.605	70607.82	6752.496	4157.225
#2	3140.114	3417.764	70537.53	6796.595	4167.408
#3	3126.075	3418.120	70470.04	6786.591	4168.317

Sample Name: J5144-06 Acquired: 9/28/2018 18:02:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.0461753	.0071701	2.351944	-.019916	-.001674	119.0368	1.519651
Stddev	.0036121	.0028627	.004936	.002841	.000905	.3329	.003812
%RSD	7.822565	39.92591	.2098599	14.26250	54.06767	.2796365	.2508458

#1	.0498555	.0040499	2.355520	-.022888	-.002573	118.6938	1.523383
#2	.0426354	.0077852	2.346312	-.019633	-.000763	119.3585	1.519806
#3	.0460350	.0096754	2.353998	-.017228	-.001687	119.0580	1.515764

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116313	.0149100	11.92007	1.709406	.1373435	.4445285	224.4081
Stddev	.0000697	.0000862	.12715	.005423	.0004350	.0006003	.4229
%RSD	.5994583	.5782772	1.066689	.3172683	.3167238	.1350371	.1884315

#1	.0116131	.0150054	11.77689	1.712650	.1374718	.4440569	223.9475
#2	.0115724	.0148376	12.01982	1.703145	.1376998	.4452042	224.7786
#3	.0117083	.0148870	11.96348	1.712423	.1368587	.4443245	224.4983

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.411008	21.58674	.2520286	.0109523	1.042096	.3470592	1.510789
Stddev	.057054	.17107	.0002131	.0004777	.214036	.0053187	.005556
%RSD	.6783275	.7924741	.0845602	4.362113	20.53894	1.532508	.3677543

#1	8.357261	21.42394	.2522239	.0114905	1.090701	.3413829	1.507082
#2	8.470875	21.76503	.2520606	.0105781	1.227650	.3478667	1.508108
#3	8.404888	21.57124	.2518013	.0107885	.807938	.3519280	1.517177

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.445188	14.52599	.0067209	.0079209	2.528534	5.841781	.0529340
Stddev	.042378	.06337	.0046926	.0001200	.009017	.009069	.0005910
%RSD	.4486678	.4362416	69.82004	1.514816	.3565935	.1552478	1.116509

#1	9.408242	14.52234	.0018648	.0079381	2.538902	5.850821	.0527918
#2	9.491448	14.46452	.0112307	.0077932	2.524175	5.841840	.0524271
#3	9.435875	14.59110	.0070673	.0080313	2.522525	5.832683	.0535831

Sample Name: J5144-06 Acquired: 9/28/2018 18:02:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	2.101564	.0992333	.0927243
Stddev	.011404	.0003841	.0001571
%RSD	.5426365	.3870898	.1694387

#1	2.113032	.0994391	.0927138
#2	2.090225	.0987902	.0928863
#3	2.101434	.0994707	.0925726

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3697.960	4042.520	83037.66	7937.245	4263.443
Stddev	12.938	1.256	224.10	31.448	3.001
%RSD	.3498791	.0310760	.2698799	.3962085	.0703995

#1	3695.219	4043.771	82802.01	7966.371	4259.982
#2	3686.613	4041.259	83248.07	7903.901	4265.338
#3	3712.050	4042.529	83062.90	7941.463	4265.008

Sample Name: J5144-07 Acquired: 9/28/2018 18:06:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.0961688	.0990184	2.457981	.0365757	.0304927	126.4530	4.488138
Stddev	.0005697	.0006978	.007257	.0008434	.0008931	.0336	.003179
%RSD	.5923899	.7047213	.2952283	2.305918	2.928819	.0265421	.0708220

#1	.0967423	.0982302	2.461598	.0375246	.0308332	126.4445	4.491445
#2	.0956030	.0995573	2.449626	.0359114	.0294795	126.4899	4.487861
#3	.0961611	.0992677	2.462718	.0362910	.0311655	126.4244	4.485106

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0799272	.1131535	11.78947	2.161032	1.152256	.7987172	227.5985
Stddev	.0004053	.0002302	.07223	.006442	.003248	.0037409	1.0130
%RSD	.5070330	.2034641	.6126924	.2980934	.2819163	.4683569	.4450651

#1	.0803363	.1130814	11.83282	2.155384	1.150544	.8015653	228.7681
#2	.0799192	.1129679	11.82950	2.159664	1.150222	.7944807	226.9998
#3	.0795259	.1134111	11.70608	2.168048	1.156002	.8001057	227.0277

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.267975	21.99264	1.281681	.0770983	1.207732	1.081809	2.235895
Stddev	.033257	.17937	.002467	.0003385	.028904	.005037	.006187
%RSD	.3588336	.8155916	.1924459	.4390457	2.393262	.4655818	.2766955

#1	9.306123	22.07685	1.284412	.0768396	1.193954	1.087530	2.229125
#2	9.252717	21.78666	1.279615	.0774814	1.240947	1.079854	2.237304
#3	9.245086	22.11442	1.281017	.0769740	1.188294	1.078042	2.241255

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.592648	14.24554	.0104669	.0083269	2.565171	4.330761	.0692764
Stddev	.052027	.02192	.0030252	.0004557	.009086	.036183	.0002370
%RSD	.5423660	.1538905	28.90203	5.473040	.3542042	.8354976	.3421850

#1	9.597551	14.25925	.0138006	.0079342	2.575201	4.363951	.0690158
#2	9.642050	14.22026	.0097039	.0082198	2.562820	4.336145	.0694792
#3	9.538343	14.25712	.0078964	.0088266	2.557491	4.292187	.0693342

Sample Name: J5144-07 Acquired: 9/28/2018 18:06:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	1.945113	.1035523	.0963783
Stddev	.001256	.0015258	.0001884
%RSD	.0645907	1.473435	.1954787

#1	1.946560	.1017918	.0965126
#2	1.944304	.1044931	.0964595
#3	1.944473	.1043719	.0961629

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3730.992	4075.227	84101.82	8071.158	4277.935
Stddev	13.204	7.656	250.26	44.613	8.033
%RSD	.3538889	.1878631	.2975642	.5527491	.1877717

#1	3729.645	4079.010	84383.72	8051.309	4276.216
#2	3718.513	4080.255	83905.84	8039.914	4286.689
#3	3744.817	4066.416	84015.90	8122.251	4270.902

Sample Name: J5144-05 Acquired: 9/28/2018 18:10:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.0462346	.0075515	2.357504	-.021648	.0004375	118.6321	1.519049
Stddev	.0013269	.0009795	.005480	.004578	.0003464	.3892	.004192
%RSD	2.869921	12.97031	.2324459	21.14653	79.17439	.3280427	.2759860

#1	.0473532	.0064389	2.358629	-.024286	.0001484	118.1987	1.517759
#2	.0465819	.0079320	2.351549	-.016362	.0003427	118.7460	1.515653
#3	.0447685	.0082837	2.362334	-.024297	.0008215	118.9516	1.523735

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114951	.0151223	12.16207	1.721844	.1378239	.4440534	225.1708
Stddev	.0000556	.0000494	.05758	.004954	.0003733	.0031569	1.7869
%RSD	.4838663	.3263088	.4734570	.2877128	.2708269	.7109278	.7935908

#1	.0114818	.0151344	12.10042	1.717159	.1376429	.4446835	223.1220
#2	.0115561	.0151645	12.17132	1.727029	.1375756	.4406289	225.9832
#3	.0114473	.0150681	12.21447	1.721346	.1382531	.4468477	226.4072

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.477299	21.68044	.2530144	.0110266	.9892771	.3442908	1.550876
Stddev	.078360	.07820	.0010502	.0004994	.1106864	.0040196	.006900
%RSD	.9243538	.3606939	.4150704	4.529186	11.18861	1.167502	.4449162

#1	8.387264	21.60220	.2538418	.0106628	.8882485	.3452616	1.543006
#2	8.530102	21.68051	.2518330	.0108209	.9719946	.3477362	1.553734
#3	8.514531	21.75860	.2533685	.0115960	1.107588	.3398748	1.555888

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.472058	14.75334	.0144024	.0077503	2.552331	5.776987	.0537201
Stddev	.052601	.01884	.0026219	.0001627	.005889	.048446	.0013198
%RSD	.5553332	.1276783	18.20475	2.099573	.2307300	.8385963	2.456854

#1	9.428458	14.76850	.0114759	.0079199	2.559069	5.776142	.0528456
#2	9.457235	14.73225	.0165372	.0077354	2.548164	5.728969	.0552383
#3	9.530480	14.75926	.0151941	.0075955	2.549762	5.825850	.0530764

Sample Name: J5144-05 Acquired: 9/28/2018 18:10:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	2.105850	.0982303	.0927405
Stddev	.006229	.0012223	.0005705
%RSD	.2957837	1.244348	.6151478

#1	2.098657	.0969012	.0922085
#2	2.109438	.0993061	.0926700
#3	2.109454	.0984835	.0933430

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3724.104	4043.318	83844.81	8077.180	4271.005
Stddev	12.881	2.543	123.79	10.408	.451
%RSD	.3458906	.0628906	.1476383	.1288526	.0105520

#1	3709.613	4045.550	83732.77	8065.165	4271.151
#2	3728.447	4040.550	83977.70	8083.370	4270.500
#3	3734.253	4043.853	83823.96	8083.007	4271.365

Sample Name: J5144-05LX5 Acquired: 9/28/2018 18:15:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.0148627	.0027632	.4849891	-.007226	-.001574	31.65641	.4034112
Stddev	.0011211	.0014177	.0009856	.001208	.001218	.05874	.0009446
%RSD	7.543076	51.30631	.2032276	16.71406	77.35899	.1855539	.2341476

#1	.0150770	.0042383	.4842446	-.008493	-.002758	31.68897	.4030338
#2	.0158611	.0026404	.4861068	-.006087	-.001638	31.58860	.4044862
#3	.0136499	.0014109	.4846159	-.007099	-.000326	31.69167	.4027137

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031950	.0026216	3.329588	.4633076	.0277298	.1214612	58.30581
Stddev	.0000755	.0000882	.024458	.0009314	.0002371	.0037724	.14769
%RSD	2.364452	3.362850	.7345533	.2010358	.8552007	3.105867	.2532991

#1	.0032645	.0025332	3.344212	.4622602	.0274751	.1257901	58.41905
#2	.0031146	.0026220	3.301353	.4640426	.0277701	.1188765	58.35961
#3	.0032059	.0027095	3.343198	.4636201	.0279442	.1197169	58.13876

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.327815	5.837653	.0519464	.0033829	-.024817	.0951298	.4029398
Stddev	.005270	.092333	.0002536	.0004365	.073413	.0020204	.0139483
%RSD	.2263753	1.581685	.4882737	12.90385	295.8200	2.123863	3.461626

#1	2.333009	5.844904	.0516550	.0036784	.057097	.0928587	.3910481
#2	2.322473	5.926146	.0521177	.0035889	-.046878	.0967278	.4182928
#3	2.327964	5.741907	.0520664	.0028815	-.084670	.0958028	.3994786

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.374625	3.061480	-.002413	.0023313	.5205606	1.586326	.0100559
Stddev	.051936	.018852	.000791	.0002548	.0014507	.016768	.0003287
%RSD	2.187145	.6157665	32.76810	10.93116	.2786775	1.057008	3.268398

#1	2.371378	3.040117	-.003321	.0025646	.5217411	1.589326	.0102025
#2	2.324388	3.075781	-.002048	.0020594	.5189412	1.568261	.0096794
#3	2.428109	3.068543	-.001871	.0023698	.5209996	1.601392	.0102857

Sample Name: J5144-05LX5 Acquired: 9/28/2018 18:15:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.5641638	.0246301	.0248561
Stddev	.0066597	.0011439	.0000600
%RSD	1.180464	4.644218	.2413260

#1	.5565099	.0243094	.0248403
#2	.5686351	.0236808	.0248056
#3	.5673464	.0259001	.0249224

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2853.762	3128.809	63670.87	6071.043	4401.097
Stddev	3.143	8.643	79.26	24.336	9.297
%RSD	.1101258	.2762420	.1244770	.4008482	.2112327

#1	2855.673	3119.104	63684.18	6042.953	4391.949
#2	2850.135	3135.677	63585.81	6084.455	4410.535
#3	2855.477	3131.645	63742.64	6085.723	4400.809

Sample Name: J5144-08 Acquired: 9/28/2018 18:19:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	-.010155	.0017466	.0240809	-.007048	-.023232	2.560902	.0425967
Stddev	.002216	.0008734	.0011542	.000386	.001319	.006069	.0008566
%RSD	21.82372	50.00501	4.792932	5.480187	5.679101	.2369984	2.010983

#1	-.010035	.0011086	.0227558	-.007393	-.022658	2.561880	.0435223
#2	-.008001	.0013892	.0246195	-.006631	-.024741	2.566423	.0424359
#3	-.012429	.0027420	.0248673	-.007120	-.022297	2.554403	.0418319

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007227	.0003798	3.851022	6.479232	.0193465	.0382352	68.46134
Stddev	.0000572	.0000563	.059096	.008557	.0001077	.0029110	.14385
%RSD	7.918246	14.83430	1.534559	.1320723	.5568743	7.613496	.2101124

#1	.0006575	.0003714	3.820509	6.482475	.0193343	.0349713	68.52069
#2	.0007461	.0004398	3.919137	6.485693	.0192453	.0391714	68.56602
#3	.0007645	.0003281	3.813419	6.469527	.0194598	.0405630	68.29732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5005429	1.984530	.0545857	.0014787	.1149347	.0192352	.1709242
Stddev	.0011754	.049899	.0004193	.0002958	.3530428	.0031078	.0064795
%RSD	.2348190	2.514402	.7681868	20.00560	307.1681	16.15663	3.790861

#1	.4997553	1.950274	.0550699	.0013834	-.060358	.0223013	.1709849
#2	.5018939	1.961536	.0543466	.0012423	-.116157	.0193169	.1644146
#3	.4999796	2.041781	.0543407	.0018104	.521319	.0160874	.1773731

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5301206	.2262477	-.000065	.0034219	.2943221	3.872384	-.001494
Stddev	.0130395	.0041721	.000713	.0001324	.0011193	.058937	.000505
%RSD	2.459720	1.844055	1104.876	3.870304	.3803014	1.521972	33.81285

#1	.5306269	.2274934	-.000388	.0034749	.2936089	3.892682	-.001452
#2	.5168353	.2215946	-.000558	.0035195	.2956122	3.805982	-.002018
#3	.5428995	.2296551	.000753	.0032711	.2937452	3.918490	-.001011

Sample Name: J5144-08 Acquired: 9/28/2018 18:19:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.0871944	-.000498	.0117439
Stddev	.0007403	.000823	.0001026
%RSD	.8489878	165.2412	.8740138

#1	.0874555	.000410	.0118618
#2	.0877688	-.001193	.0116949
#3	.0863590	-.000710	.0116749

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2668.329	2915.688	60118.49	5766.303	4451.688
Stddev	15.414	5.260	127.72	6.291	2.034
%RSD	.5776796	.1804062	.2124401	.1090952	.0456807

#1	2658.308	2915.159	60015.42	5760.880	4453.758
#2	2686.079	2910.713	60078.68	5764.830	4449.693
#3	2660.600	2921.193	60261.37	5773.200	4451.611

Sample Name: J5144-09 Acquired: 9/28/2018 18:24:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.0508120	.0089322	1.806816	-.035541	.0020362	163.9158	1.483389
Stddev	.0016511	.0022218	.003379	.002775	.0004408	.7613	.002609
%RSD	3.249401	24.87389	.1870068	7.809265	21.64834	.4644201	.1759134

#1	.0489081	.0111188	1.808540	-.033360	.0019147	164.4864	1.484931
#2	.0518498	.0090012	1.802923	-.038665	.0016689	164.2094	1.484861
#3	.0516782	.0066768	1.808985	-.034597	.0025250	163.0514	1.480377

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122465	.0134280	25.19921	2.368582	.1817928	.3847906	358.6299
Stddev	.0000755	.0002472	.29347	.002502	.0006164	.0043336	3.3004
%RSD	.6167019	1.841062	1.164600	.1056227	.3390437	1.126215	.9202799

#1	.0122604	.0131748	25.40256	2.371466	.1811714	.3897925	361.1220
#2	.0123141	.0134404	25.33229	2.366999	.1824040	.3821654	359.8807
#3	.0121650	.0136688	24.86277	2.367280	.1818030	.3824138	354.8869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.598003	37.75523	.3087504	.0128195	1.809878	.5178565	1.737064
Stddev	.081617	.27657	.0013351	.0001712	.216587	.0052996	.014887
%RSD	1.237002	.7325284	.4324062	1.335361	11.96691	1.023375	.8570427

#1	6.660951	37.86759	.3092727	.0127823	2.058615	.5133449	1.744924
#2	6.627271	37.95794	.3072331	.0130062	1.662986	.5236928	1.719894
#3	6.505787	37.44017	.3097452	.0126699	1.708033	.5165318	1.746375

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.46891	9.436449	.0065078	.0074009	1.819543	8.187601	.0807882
Stddev	.07972	.019494	.0047576	.0000419	.004261	.102866	.0004950
%RSD	.4563347	.2065830	73.10678	.5667320	.2341758	1.256366	.6127053

#1	17.42425	9.420922	.0076089	.0073563	1.817940	8.157240	.0806270
#2	17.56095	9.430099	.0012962	.0074068	1.824373	8.302230	.0813437
#3	17.42154	9.458326	.0106183	.0074396	1.816316	8.103332	.0803939

Sample Name: J5144-09 Acquired: 9/28/2018 18:24:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	3.621668	.1617630	.1477471
Stddev	.029670	.0022380	.0004648
%RSD	.8192310	1.383504	.3146011

#1	3.643282	.1623299	.1478958
#2	3.633882	.1636631	.1481194
#3	3.587841	.1592961	.1472261

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3133.352	3414.272	70884.11	6844.598	4168.531
Stddev	16.745	6.896	196.86	59.139	5.417
%RSD	.5344177	.2019648	.2777225	.8640207	.1299594

#1	3145.135	3406.321	71084.61	6813.800	4163.135
#2	3140.737	3417.885	70876.62	6807.214	4173.970
#3	3114.184	3418.610	70691.10	6912.780	4168.488

Sample Name: J5144-10 Acquired: 9/28/2018 18:28:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.0478353	.0081296	1.893717	-.035940	.0008364	161.9461	1.483827
Stddev	.0015333	.0028834	.001384	.002107	.0013899	.2587	.001722
%RSD	3.205484	35.46773	.0730797	5.861972	166.1877	.1597401	.1160334

#1	.0461052	.0094768	1.893326	-.036200	-.000316	161.7051	1.485589
#2	.0490265	.0048192	1.895254	-.037904	.000445	161.9137	1.483745
#3	.0483741	.0100929	1.892570	-.033715	.002380	162.2194	1.482148

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125760	.0131457	25.53497	2.416801	.1834496	.3881901	366.6152
Stddev	.0000716	.0000859	.09435	.003091	.0002833	.0005929	1.4333
%RSD	.5691902	.6530629	.3694742	.1278847	.1544305	.1527477	.3909428

#1	.0125758	.0132447	25.44299	2.413773	.1834266	.3877069	365.9915
#2	.0125046	.0131015	25.53042	2.416680	.1837437	.3888518	365.5995
#3	.0126477	.0130911	25.63152	2.419950	.1831785	.3880116	368.2547

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.607806	38.21508	.3008822	.0123064	1.718614	.5246224	1.766201
Stddev	.022640	.18545	.0004976	.0002764	.090742	.0053843	.009593
%RSD	.3426286	.4852767	.1653672	2.246064	5.279974	1.026319	.5431541

#1	6.594963	38.13577	.3003830	.0124910	1.819264	.5190108	1.776732
#2	6.594507	38.08248	.3013781	.0119886	1.693515	.5251101	1.763911
#3	6.633947	38.42700	.3008855	.0124395	1.643063	.5297462	1.757960

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.23808	9.449015	.0043658	.0078998	1.860368	7.063411	.0765535
Stddev	.04465	.017687	.0034339	.0002232	.014409	.025795	.0017465
%RSD	.2590343	.1871808	78.65375	2.825372	.7745418	.3651953	2.281412

#1	17.23067	9.450026	.0004076	.0081346	1.868805	7.090310	.0747866
#2	17.28598	9.466175	.0061426	.0076903	1.868569	7.061040	.0782788
#3	17.19760	9.430845	.0065472	.0078747	1.843730	7.038883	.0765950

Sample Name: J5144-10 Acquired: 9/28/2018 18:28:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	3.506870	.1613082	.1483520
Stddev	.023291	.0010209	.0004102
%RSD	.6641404	.6328843	.2765042

#1	3.493961	.1623917	.1486652
#2	3.492892	.1611685	.1485031
#3	3.533757	.1603643	.1478877

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3167.805	3459.126	71361.16	6850.518	4213.816
Stddev	14.679	2.495	108.09	7.791	12.589
%RSD	.4633963	.0721157	.1514657	.1137317	.2987513

#1	3150.898	3459.277	71287.28	6843.145	4218.770
#2	3177.308	3456.559	71485.21	6858.669	4199.504
#3	3175.209	3461.541	71310.98	6849.740	4223.174

Sample Name: J5144-11 Acquired: 9/28/2018 18:31:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	.0343087	.0064287	1.279110	-.025309	.0013957	134.3727	1.515423
Stddev	.0031320	.0023693	.003873	.002692	.0021082	.3003	.003339
%RSD	9.128737	36.85491	.3027903	10.63715	151.0579	.2234745	.2203240

#1	.0373941	.0048429	1.278568	-.022213	.0038282	134.6538	1.517960
#2	.0343999	.0052909	1.275536	-.026610	.0002613	134.4079	1.511640
#3	.0311322	.0091522	1.283225	-.027103	.0000975	134.0563	1.516669

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123571	.0113882	8.002230	.9464741	.1518328	.2713815	239.5978
Stddev	.0001146	.0001514	.046337	.0037320	.0004782	.0034882	1.2003
%RSD	.9271409	1.329160	.5790497	.3943041	.3149291	1.285336	.5009465

#1	.0124857	.0114060	7.988634	.9422720	.1518727	.2747093	239.5100
#2	.0123196	.0112287	8.053844	.9477478	.1513360	.2677525	240.8396
#3	.0122659	.0115298	7.964212	.9494024	.1522898	.2716829	238.4439

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.505663	23.63241	.2718307	.0085879	1.010863	.3446343	.9600753
Stddev	.063475	.11494	.0007461	.0003601	.036812	.0038902	.0045169
%RSD	.7462619	.4863481	.2744728	4.192664	3.641679	1.128784	.4704683

#1	8.494385	23.53148	.2713523	.0089945	1.009017	.3489429	.9556268
#2	8.574021	23.75751	.2714494	.0083092	.975008	.3435802	.9646575
#3	8.448584	23.60823	.2726904	.0084601	1.048563	.3413799	.9599415

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.094617	12.60807	.0066939	.0068841	1.654107	7.033350	.0332756
Stddev	.003015	.01078	.0017035	.0003930	.001401	.025381	.0002470
%RSD	.0331510	.0854678	25.44850	5.708963	.0847250	.3608685	.7422349

#1	9.093820	12.59699	.0073067	.0073296	1.655468	7.062635	.0330151
#2	9.092080	12.60869	.0080063	.0067365	1.654184	7.017712	.0335064
#3	9.097950	12.61852	.0047688	.0065863	1.652668	7.019703	.0333052

Sample Name: J5144-11 Acquired: 9/28/2018 18:31:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) 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	2.526741	.1068878	.0937997
Stddev	.014580	.0009295	.0002461
%RSD	.5770236	.8696274	.2623877

#1	2.538072	.1061120	.0940588
#2	2.531859	.1066335	.0935690
#3	2.510292	.1079181	.0937714

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3754.690	4119.652	84292.40	8110.254	4258.619
Stddev	8.167	8.749	244.93	51.849	16.605
%RSD	.2175091	.2123782	.2905687	.6392999	.3899093

#1	3745.878	4109.719	84265.89	8064.690	4239.599
#2	3756.189	4123.023	84061.81	8099.402	4270.226
#3	3762.003	4126.214	84549.51	8166.670	4266.031

Sample Name: CCV043 Acquired: 9/28/2018 18:46:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.928539	4.905383	24.48632	4.598138	4.864855	401.2725
Stddev	.014363	.002815	.00707	.015797	.006458	1.8961
%RSD	.2914214	.0573808	.0288631	.3435597	.1327408	.4725115

#1	4.912009	4.902330	24.48775	4.584866	4.870722	401.7578
#2	4.935626	4.907874	24.47864	4.593937	4.857936	399.1810
#3	4.937980	4.905946	24.49256	4.615611	4.865907	402.8788

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.953262	.4948719	2.413981	407.9803	14.95617	2.517489
Stddev	.037312	.0031532	.001580	3.2608	.03263	.002241
%RSD	.3748693	.6371661	.0654371	.7992449	.2181712	.0890073

#1	9.945680	.4916909	2.412228	409.3517	14.93362	2.514958
#2	9.920324	.4949285	2.415293	404.2579	14.99359	2.518290
#3	9.993782	.4979964	2.414421	410.3315	14.94131	2.519219

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.18017	416.6672	15.16430	406.0919	2.471221	1.224520
Stddev	.03585	2.5981	.12576	1.4422	.001304	.000793
%RSD	.2361898	.6235507	.8292841	.3551454	.0527531	.0647406

#1	15.18864	417.9850	15.26749	407.0766	2.469789	1.223633
#2	15.14083	413.6742	15.02423	404.4364	2.471535	1.224768
#3	15.21102	418.3423	15.20117	406.7626	2.472339	1.225159

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	397.4768	2.508516	14.90756	152.6668	F 58.85912	4.948734
Stddev	2.1711	.008901	.16072	.9667	.07308	.032748
%RSD	.5462135	.3548212	1.078140	.6331784	.1241641	.6617357

#1	397.9734	2.517240	15.09294	152.1349	58.88624	4.931980
#2	395.1005	2.499449	14.80730	152.0829	58.77636	4.927754
#3	399.3566	2.508859	14.82244	153.7826	58.91477	4.986469

Sample Name: CCV043 Acquired: 9/28/2018 18:46:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV043 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.730251	50.32919	4.957608	4.931040	4.984330	4.980378
Stddev	.003236	.01798	.030286	.008806	.024867	.025274
%RSD	.0684178	.0357272	.6108994	.1785850	.4988967	.5074700

#1	4.727127	50.34926	4.928777	4.925891	4.994274	4.988488
#2	4.733589	50.31453	4.954881	4.926020	4.956030	4.952044
#3	4.730037	50.32380	4.989165	4.941208	5.002686	5.000601

Elem	Sr4077
Units	ppm
Avg	5.014536
Stddev	.021825
%RSD	.4352367

#1	5.003409
#2	5.000516
#3	5.039682

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2328.309	2443.928	54815.73	5281.199	3471.846
Stddev	3.269	4.617	240.76	22.425	6.144
%RSD	.1403858	.1889028	.4392153	.4246230	.1769779

#1	2324.685	2448.996	54712.38	5299.191	3478.750
#2	2331.034	2442.824	54643.90	5288.332	3469.809
#3	2329.209	2439.963	55090.91	5256.075	3466.979

Sample Name: CCB043 Acquired: 9/28/2018 18:50:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB043 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004990	.0004413	.0016048	.0001100	-.001050	.0012594	-.000945
Stddev	.001769	.0009173	.0002163	.0007200	.000393	.0035043	.001071
%RSD	35.43833	207.8847	13.47898	654.8201	37.45565	278.2580	113.3122

#1	-.006977	-.000426	.0014661	-.000721	-.000636	.0034473	-.001389
#2	-.004406	.000348	.0018541	.000503	-.001096	-.002782	-.001722
#3	-.003588	.001402	.0014943	.000548	-.001419	.003113	.000276

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001004	-.000029	.0020472	.0003929	.0002304	.0040130	.0242574
Stddev	.0000090	.000073	.0240770	.0001937	.0002293	.0033576	.0057592
%RSD	8.975504	254.9546	1176.072	49.30689	99.55237	83.66783	23.74217

#1	.0001035	.000041	.0098597	.0002618	.0003076	.0017358	.0235523
#2	.0000903	-.000105	.0212479	.0006154	-.000028	.0078689	.0188831
#3	.0001075	-.000022	-.024966	.0003015	.000411	.0024342	.0303367

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000055	-.011833	.0003325	.0008174	-.417366	-.001392	.0133106
Stddev	.000522	.034884	.0002985	.0005166	.335151	.005612	.0064512
%RSD	947.2707	294.8045	89.78503	63.19816	80.30154	403.0881	48.46666

#1	.000064	-.016955	.0006234	.0003682	-.102614	.004932	.0207594
#2	-.000626	-.043873	.0000269	.0013819	-.379742	-.005778	.0095269
#3	.000397	.025329	.0003473	.0007022	-.769741	-.003331	.0096453

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0608087	-.004913	.0106056	.0003226	-.002216	.0033408	-.001054
Stddev	.0474570	.001603	.0000854	.0002076	.002296	.0005505	.000377
%RSD	78.04302	32.62113	.8047154	64.33972	103.6370	16.47969	35.78758

#1	.0256230	-.006604	.0106664	.0000890	.000435	.0038538	-.000643
#2	.0420198	-.003417	.0105081	.0003929	-.003587	.0034094	-.001385
#3	.1147834	-.004718	.0106424	.0004859	-.003496	.0027591	-.001133

Sample Name: CCB043 Acquired: 9/28/2018 18:50:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v670) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB043 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002078	.0026523	.0003000
Stddev	.002644	.0010472	.0000738
%RSD	127.2489	39.48395	24.60605

#1	.000170	.0033925	.0002250
#2	-.004991	.0031103	.0003726
#3	-.001413	.0014541	.0003024

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2627.445	2881.834	58132.25	5505.060	4420.752
Stddev	10.396	2.941	313.74	53.951	5.746
%RSD	.3956588	.1020480	.5397035	.9800259	.1299875

#1	2617.626	2881.459	58426.91	5475.190	4417.402
#2	2626.374	2879.099	57802.40	5567.340	4417.467
#3	2638.335	2884.944	58167.45	5472.650	4427.387