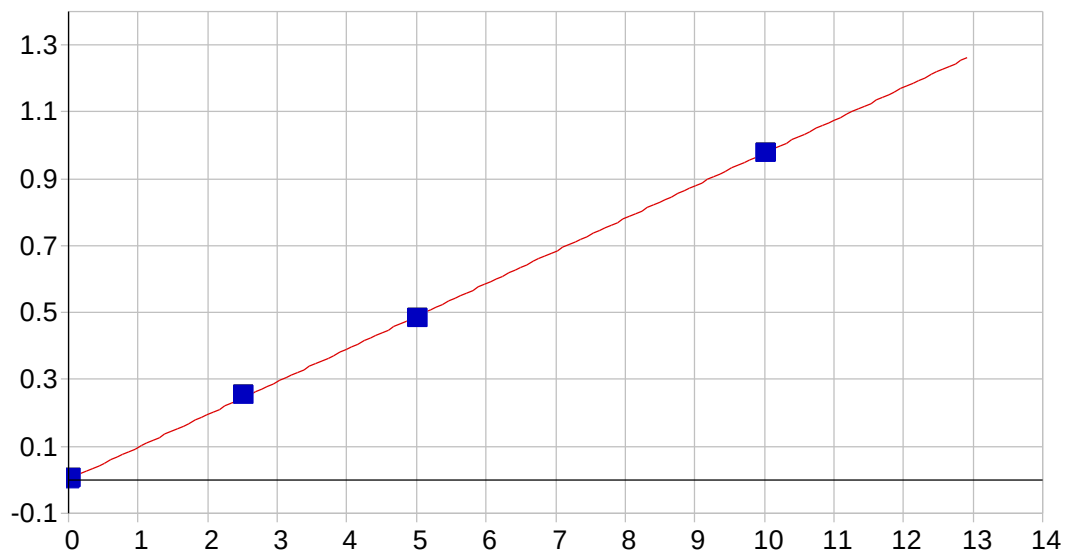




As 189.042 {478}

Date of Fit: 8/29/2018 11:36:24

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000146

Re-Slope: 1.000000

A1 (Gain): 0.097713

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999904

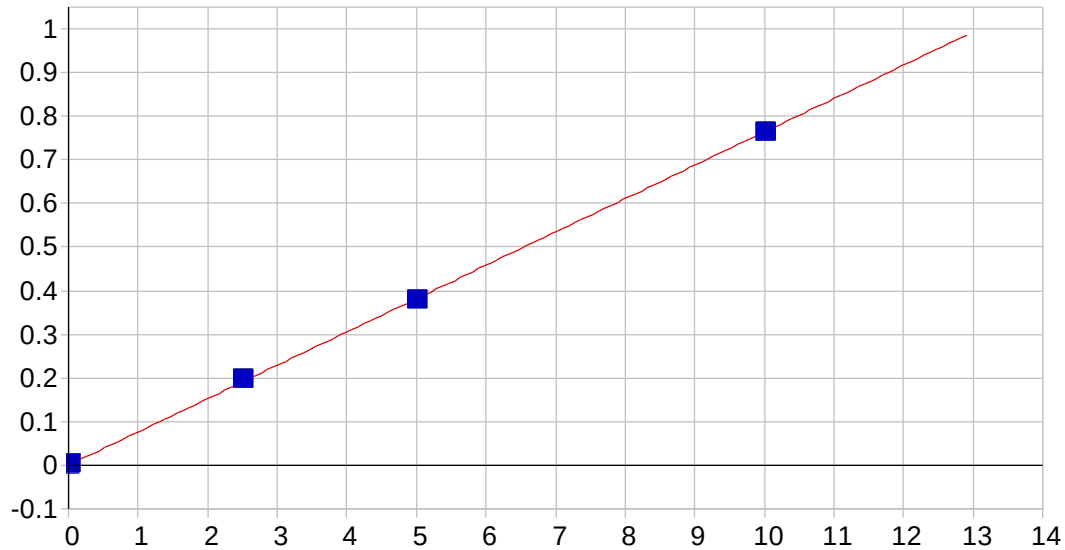
Status: OK.

Std Error of Est: 0.000033

Predicted MDL: 0.003764

Predicted MQL: 0.012548

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.02000	.02294	.003	14.7	.00210	.000	1
S3	2.5000	2.5714	.071	2.86	.25109	.000	1
S4	5.0000	4.9341	-.066	-1.32	.48194	.000	1
S5	10.000	9.9916	-.008	-.084	.97610	.000	1

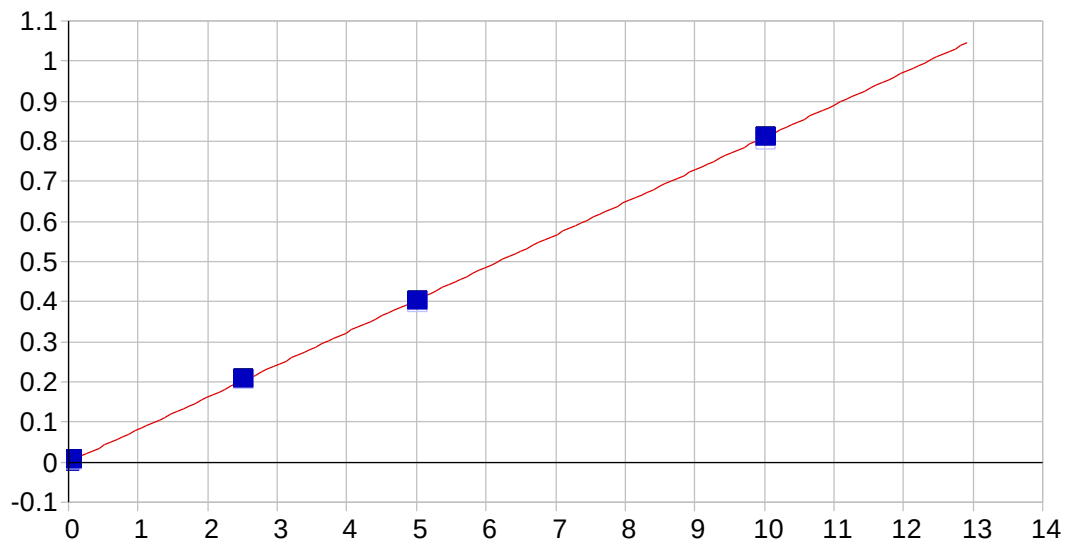


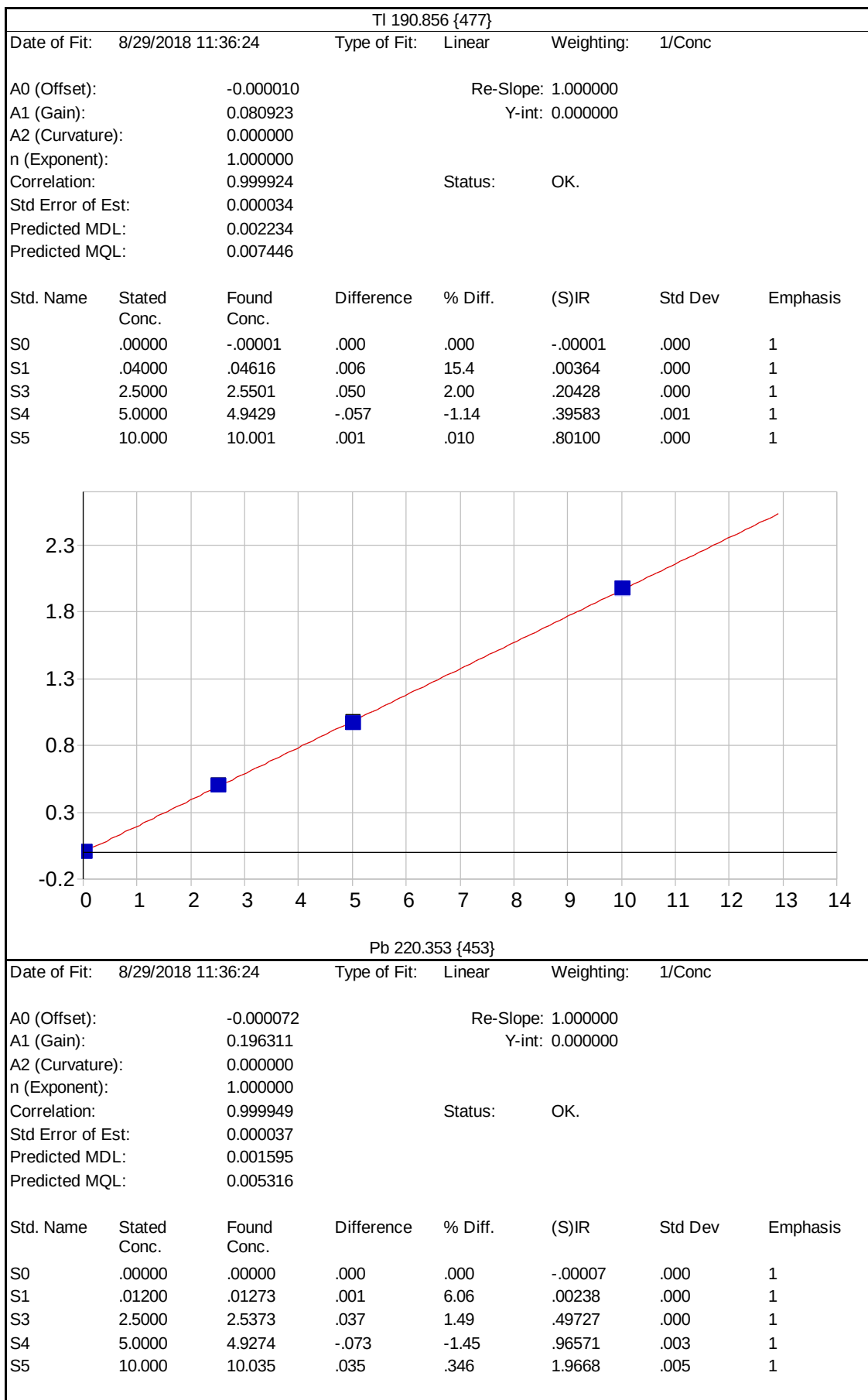
As 189.042 {479}

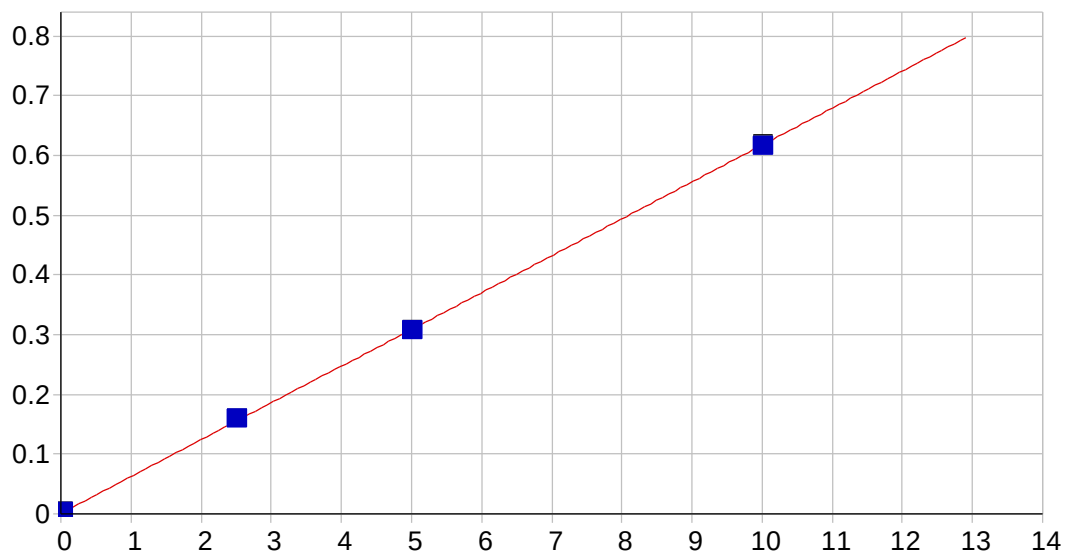
Date of Fit: 8/29/2018 11:36:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000132 Re-Slope: 1.000000
 A1 (Gain): 0.076402 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.003409
 Predicted MQL: 0.011364

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.02000	.02169	.002	8.47	.00153	.000	1
S3	2.5000	2.5690	.069	2.76	.19613	.000	1
S4	5.0000	4.9495	-.051	-1.01	.37799	.001	1
S5	10.000	9.9798	-.020	-.202	.76230	.001	1





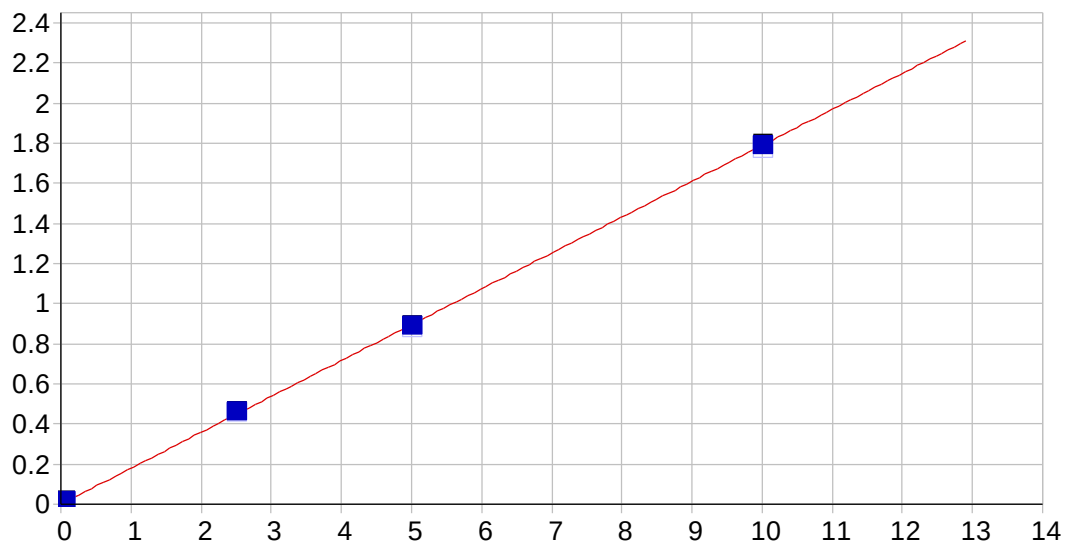


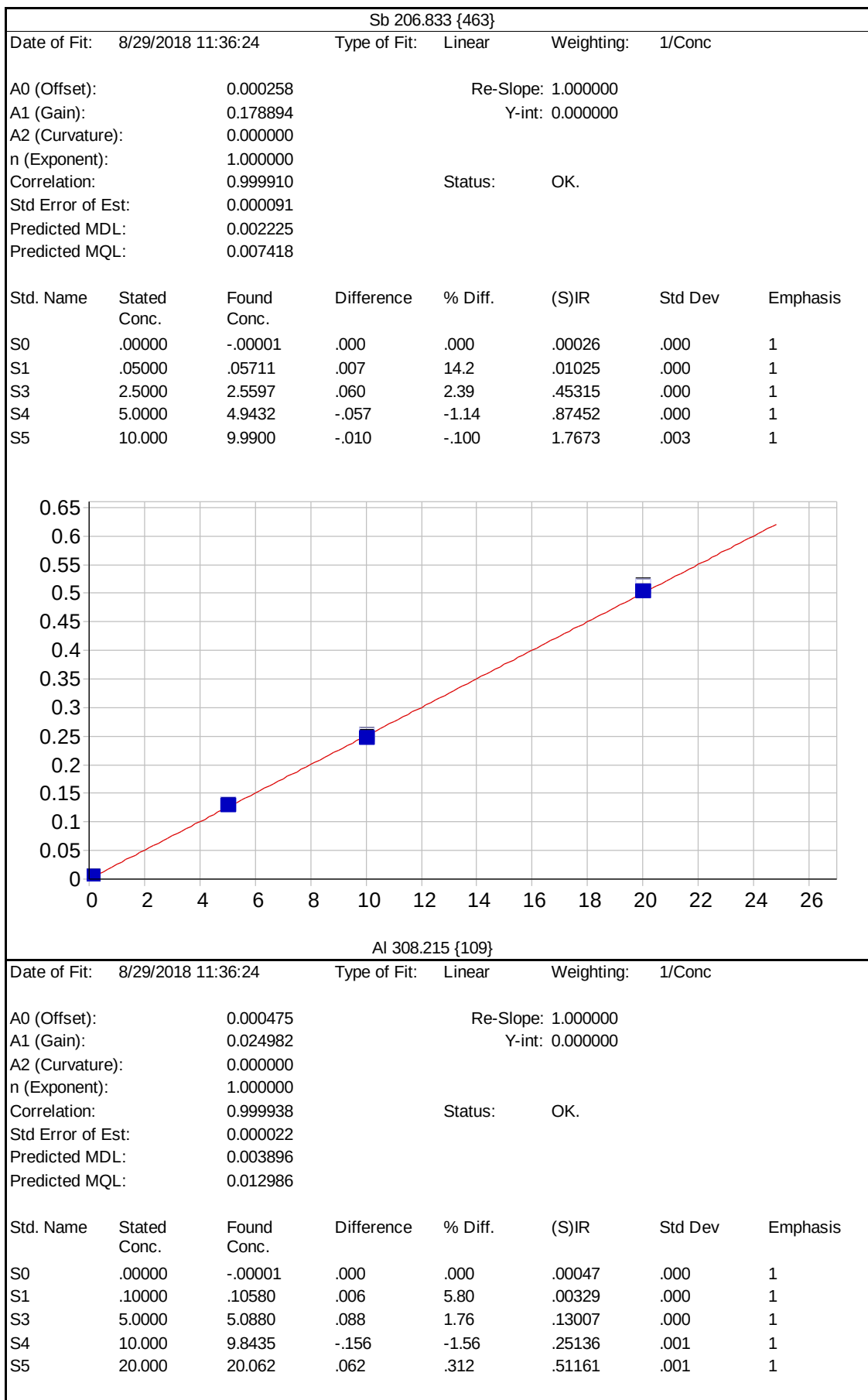
Se 196.090 {472}

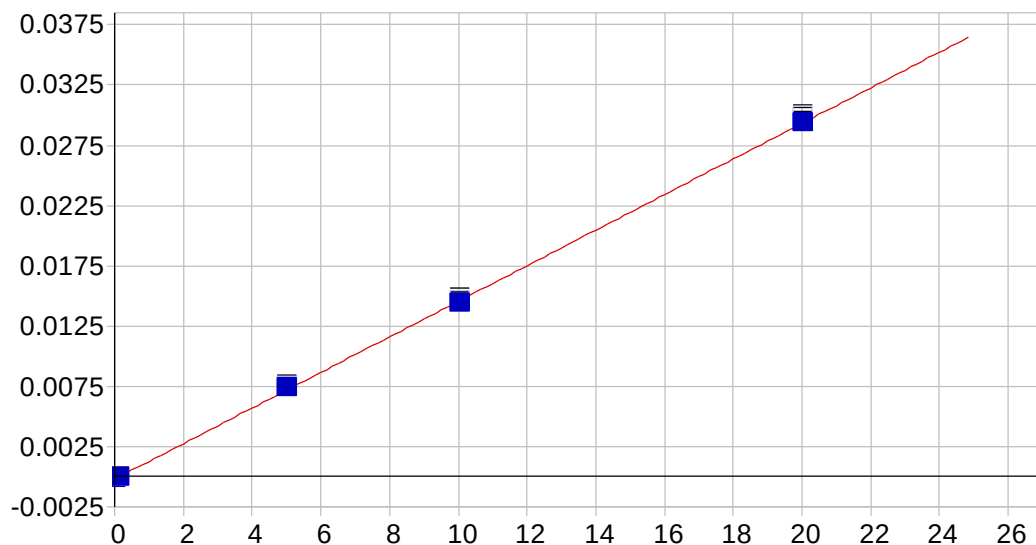
Date of Fit: 8/29/2018 11:36:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000287 Re-Slope: 1.000000
 A1 (Gain): 0.061740 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999948 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.004663
 Predicted MQL: 0.015542

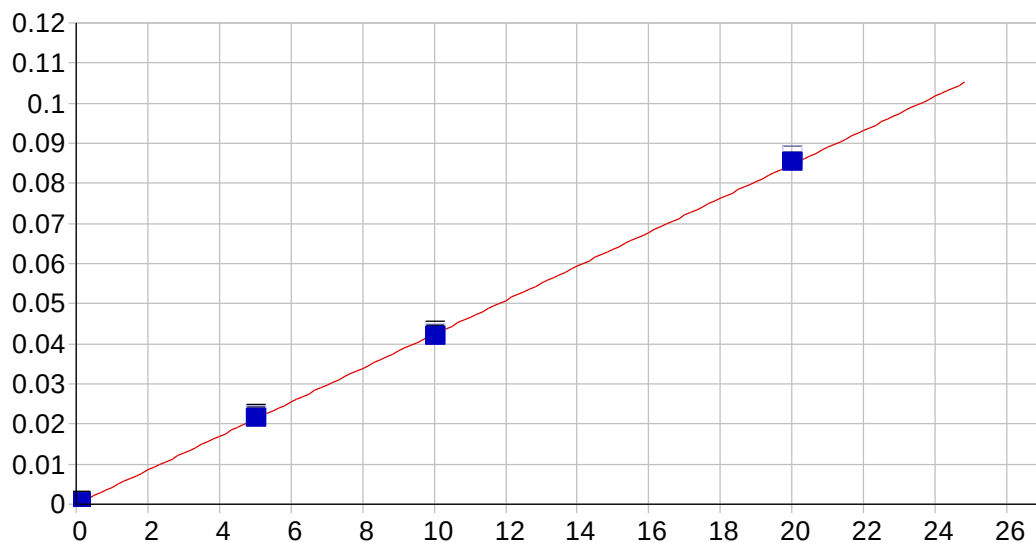
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00029	.000	1
S1	.02000	.02130	.001	6.51	.00160	.000	1
S3	2.5000	2.5601	.060	2.40	.15835	.000	1
S4	5.0000	4.9697	-.030	-.606	.30713	.000	1
S5	10.000	9.9689	-.031	-.311	.61580	.001	1

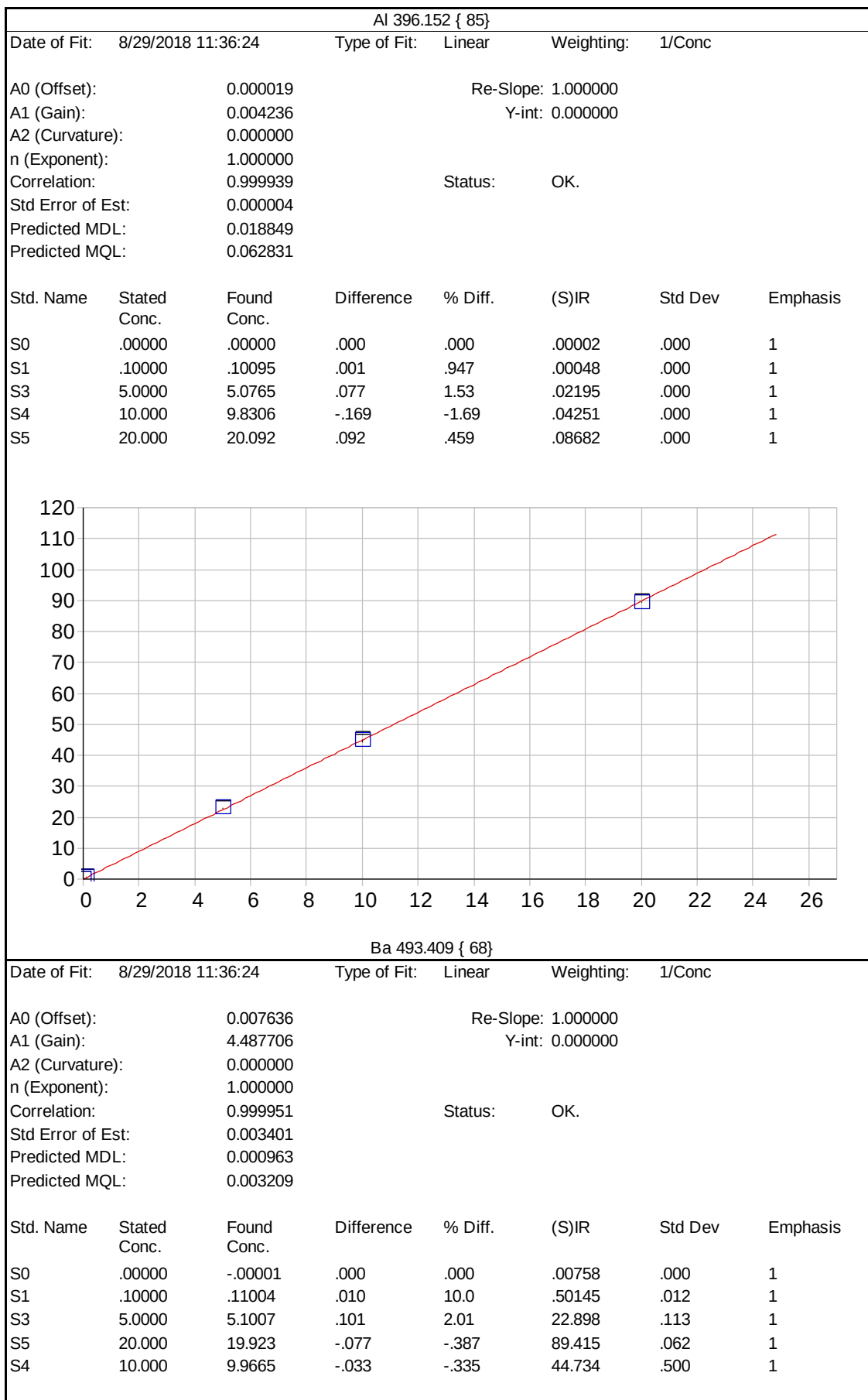


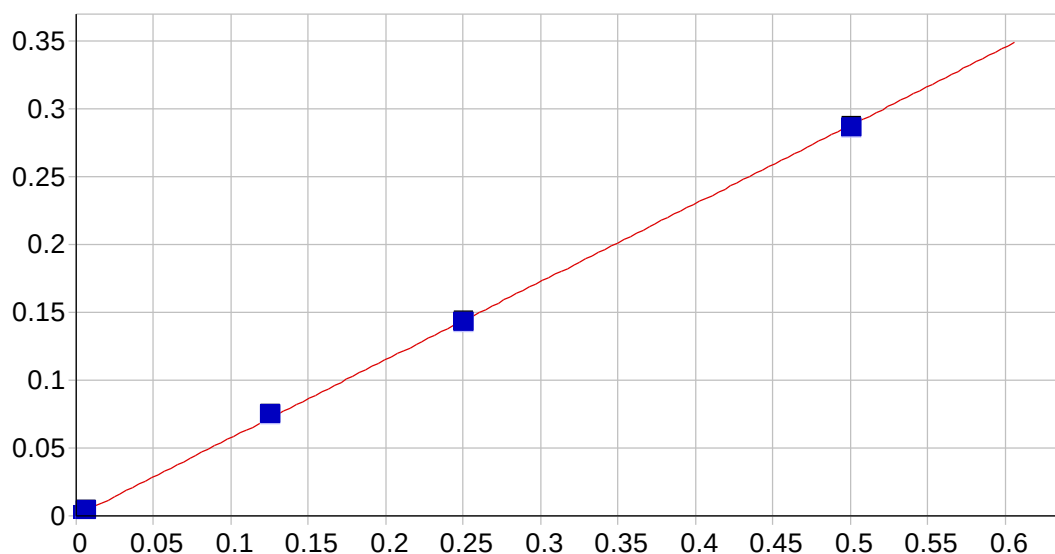




AI 309.271 {109}							
Date of Fit: 8/29/2018 11:36:24		Type of Fit: Linear		Weighting: 1/Conc			
A0 (Offset):		-0.000207		Re-Slope: 1.000000			
A1 (Gain):		0.001476		Y-int: 0.000000			
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.999939		Status: OK.			
Std Error of Est:		0.000001					
Predicted MDL:		0.038747					
Predicted MQL:		0.129156					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00021	.000	1
S1	.10000	.10425	.004	4.25	-.00004	.000	1
S3	5.0000	5.1110	.111	2.22	.00749	.000	1
S4	10.000	9.8656	-.134	-1.34	.01465	.000	1
S5	20.000	20.019	.019	.095	.02994	.000	1





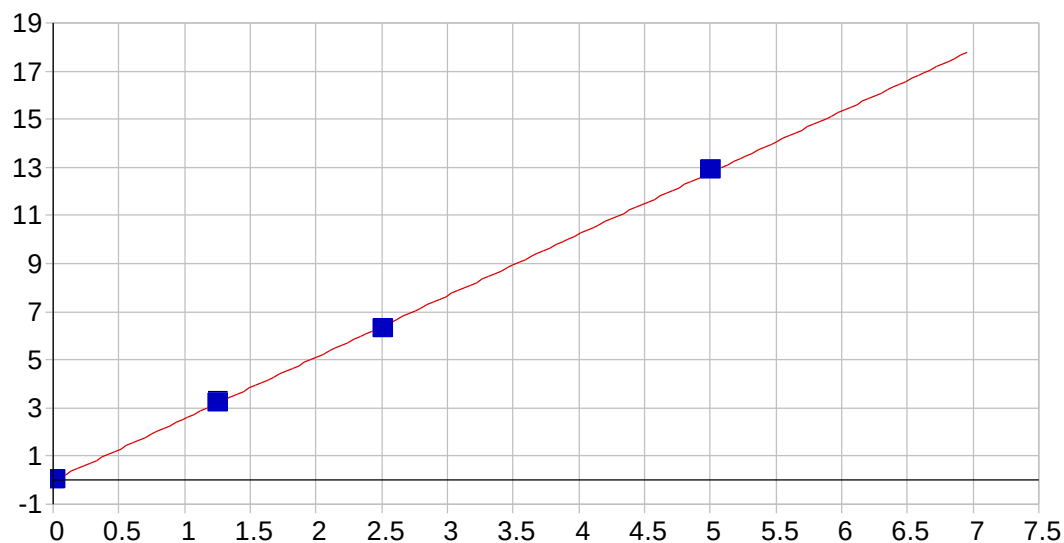


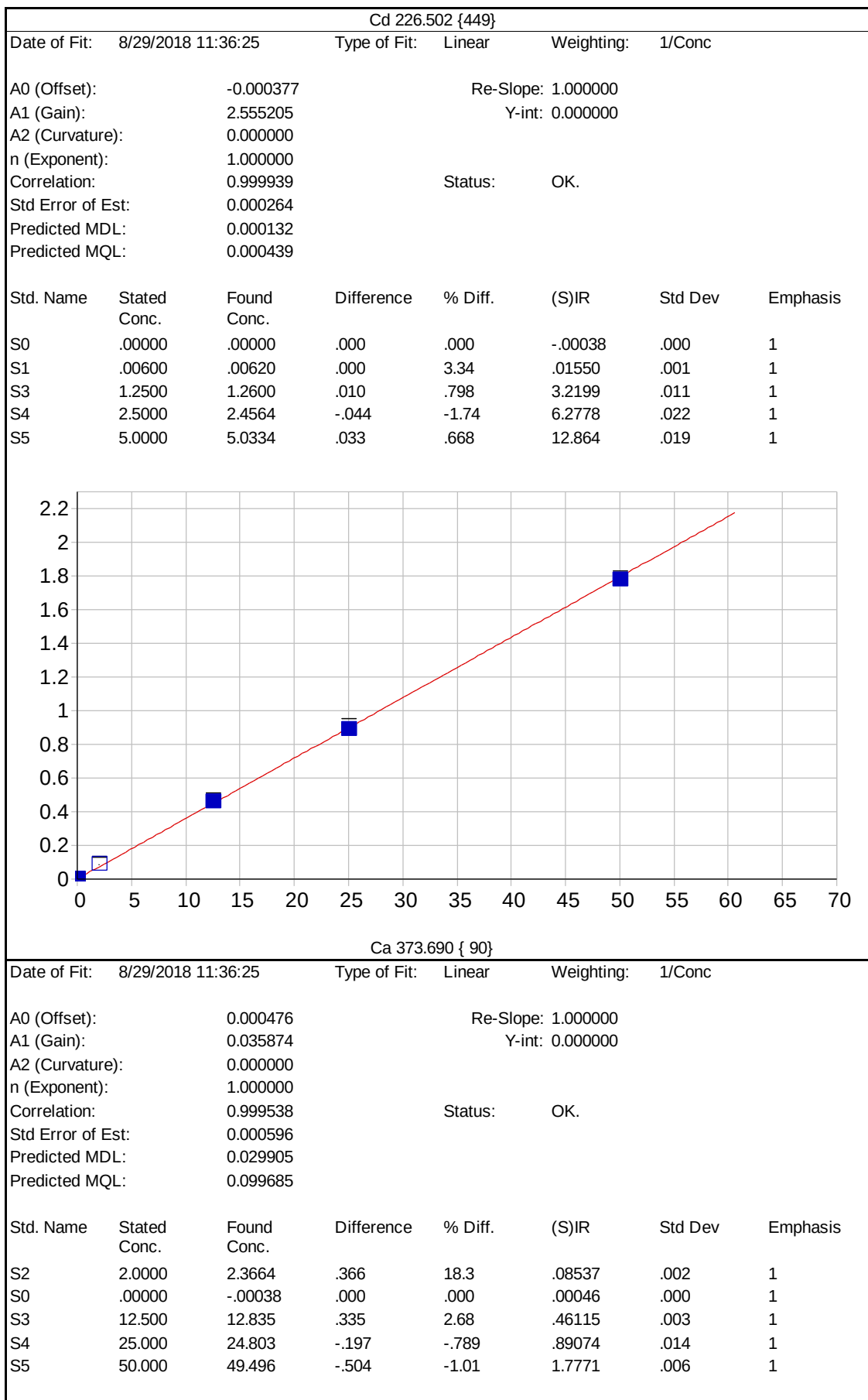
Be 234.861 {144}

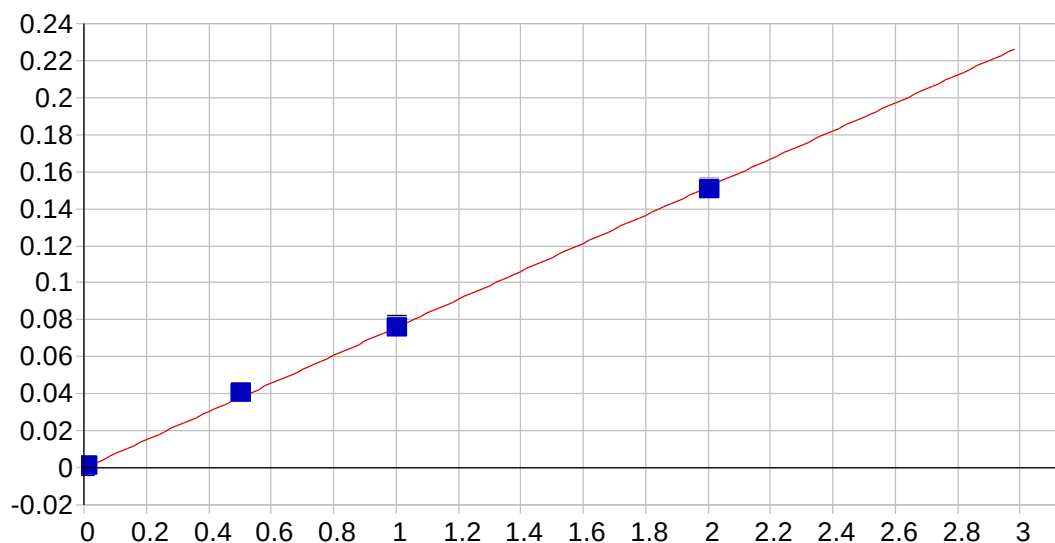
Date of Fit: 8/29/2018 11:36:24 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000068 Re-Slope: 1.000000
 A1 (Gain): 0.575477 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999897 Status: OK.
 Std Error of Est: 0.000024
 Predicted MDL: 0.000087
 Predicted MQL: 0.000291

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.00600	.00634	.000	5.60	.00368	.000	1
S3	.12500	.12907	.004	3.26	.07389	.000	1
S4	.25000	.24798	-.002	-.809	.14187	.000	1
S5	.50000	.49762	-.002	-.476	.28463	.000	1







Date of Fit: 8/29/2018 11:36:25

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000006

Re-Slope: 1.000000

A1 (Gain): 0.075838

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999708

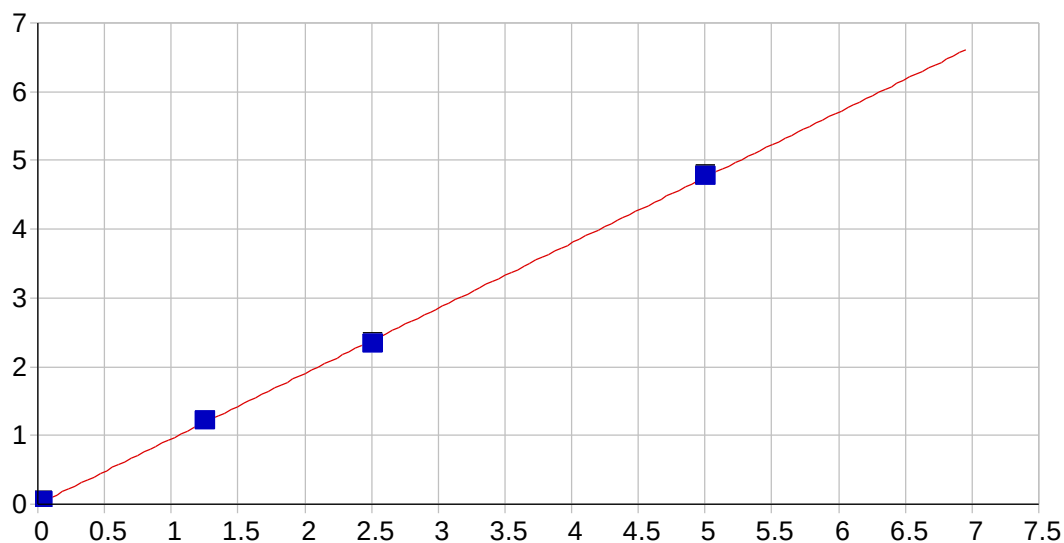
Status: OK.

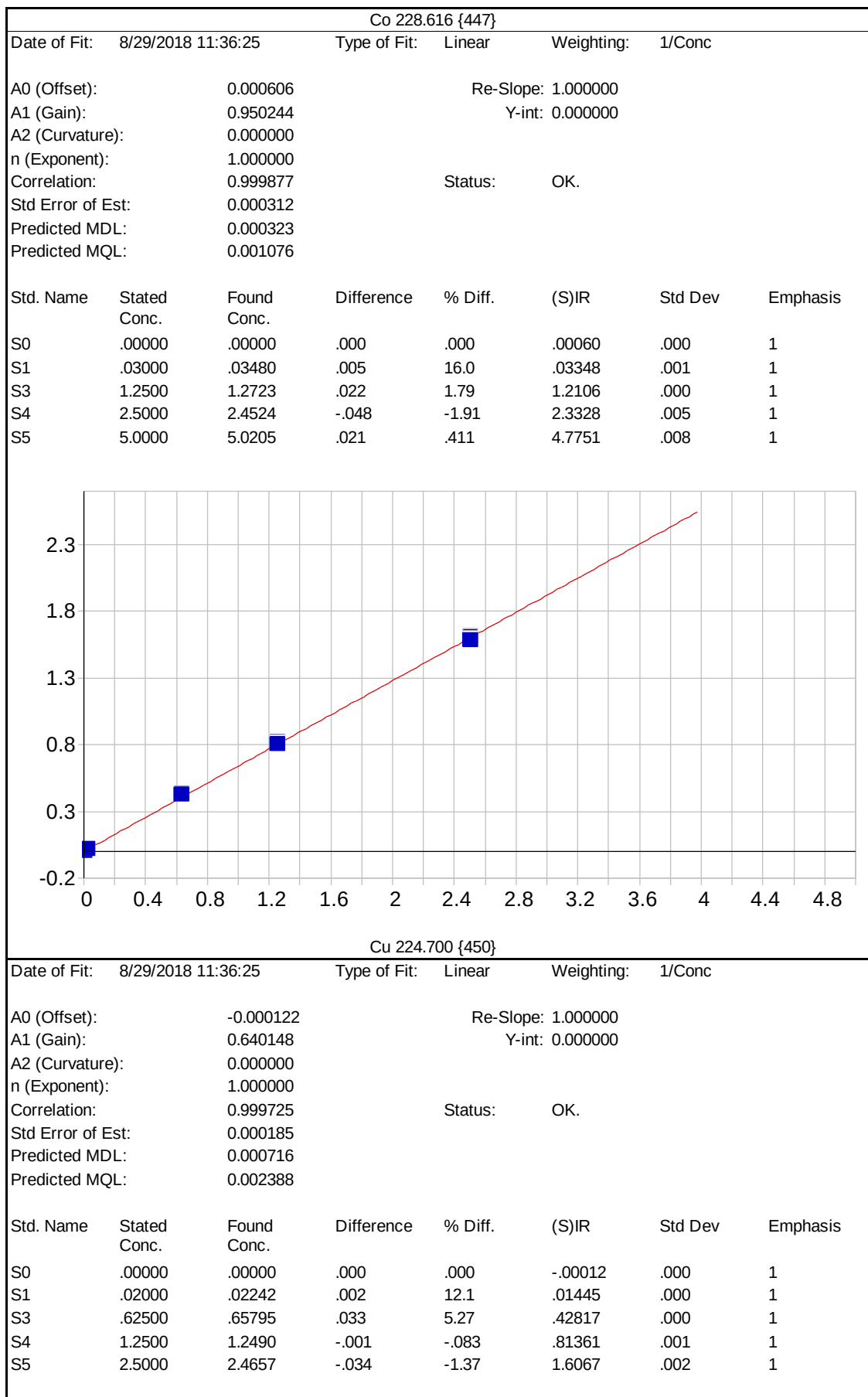
Std Error of Est: 0.000014

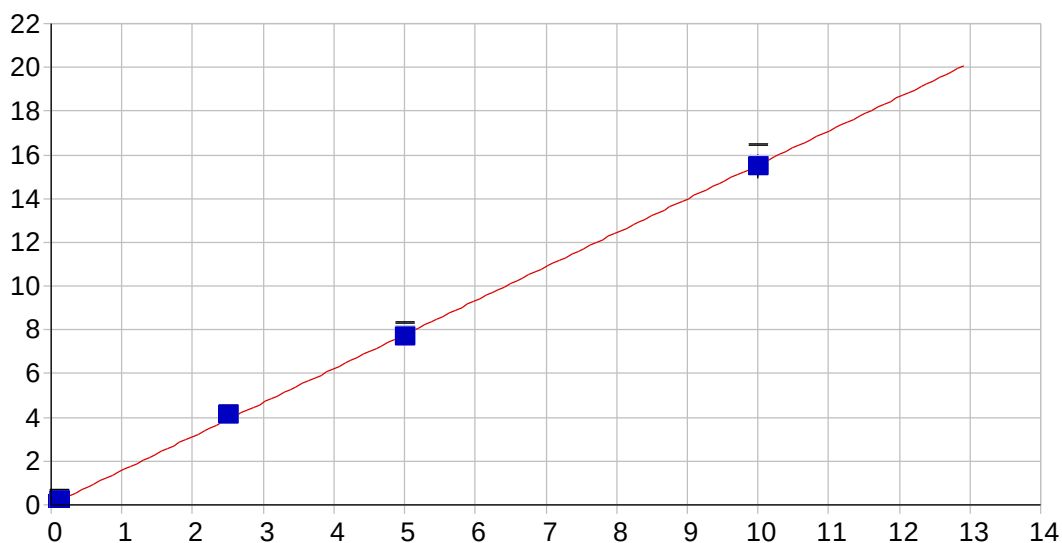
Predicted MDL: 0.000740

Predicted MQL: 0.002466

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01206	.002	20.6	.00091	.000	1
S3	.50000	.52583	.026	5.17	.04015	.000	1
S4	1.0000	.99727	-.003	-.273	.07619	.000	1
S5	2.0000	1.9749	-.025	-1.26	.15090	.000	1







Fe 240.488 {140}

Date of Fit: 8/29/2018 11:36:25

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.015386

Re-Slope: 1.000000

A1 (Gain): 1.552450

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999770

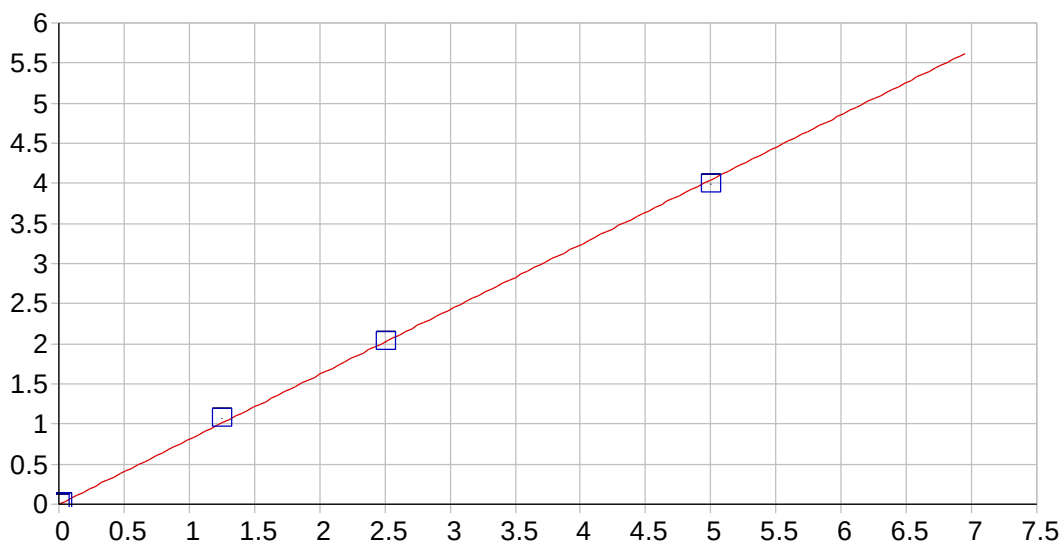
Status: OK.

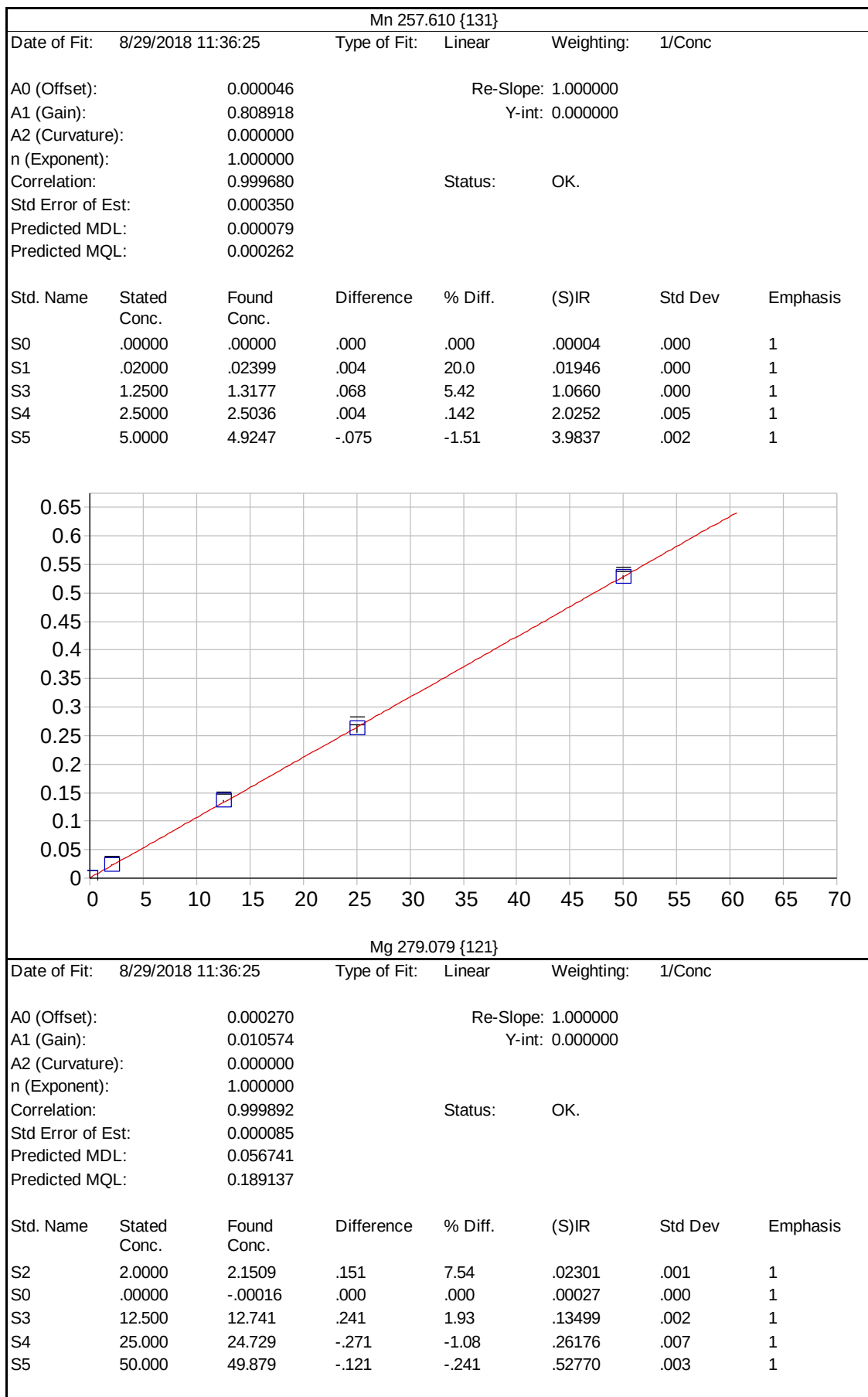
Std Error of Est: 0.001812

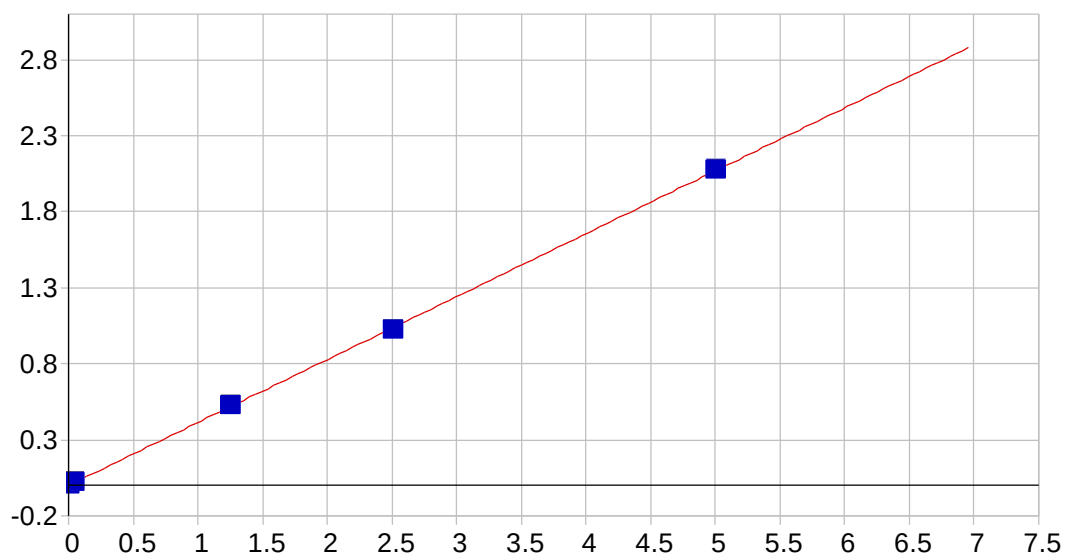
Predicted MDL: 0.015406

Predicted MQL: 0.051353

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.01536	.004	1
S1	.10000	.11208	.012	12.1	.19014	.033	1
S3	2.5000	2.6171	.117	4.68	4.0978	.019	1
S4	5.0000	4.9362	-.064	-1.28	7.7176	.181	1
S5	10.000	9.9347	-.065	-.653	15.517	.537	1





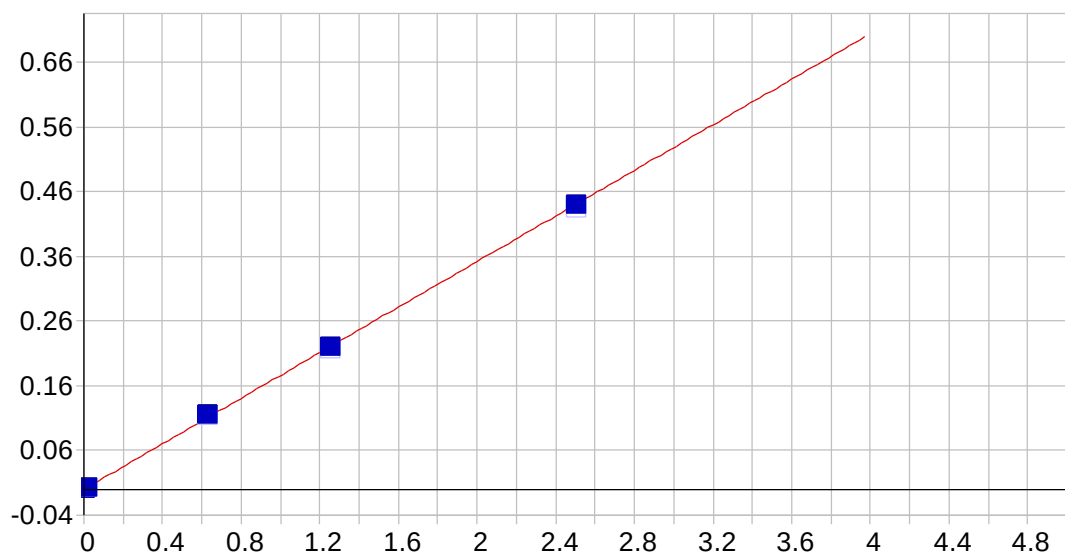


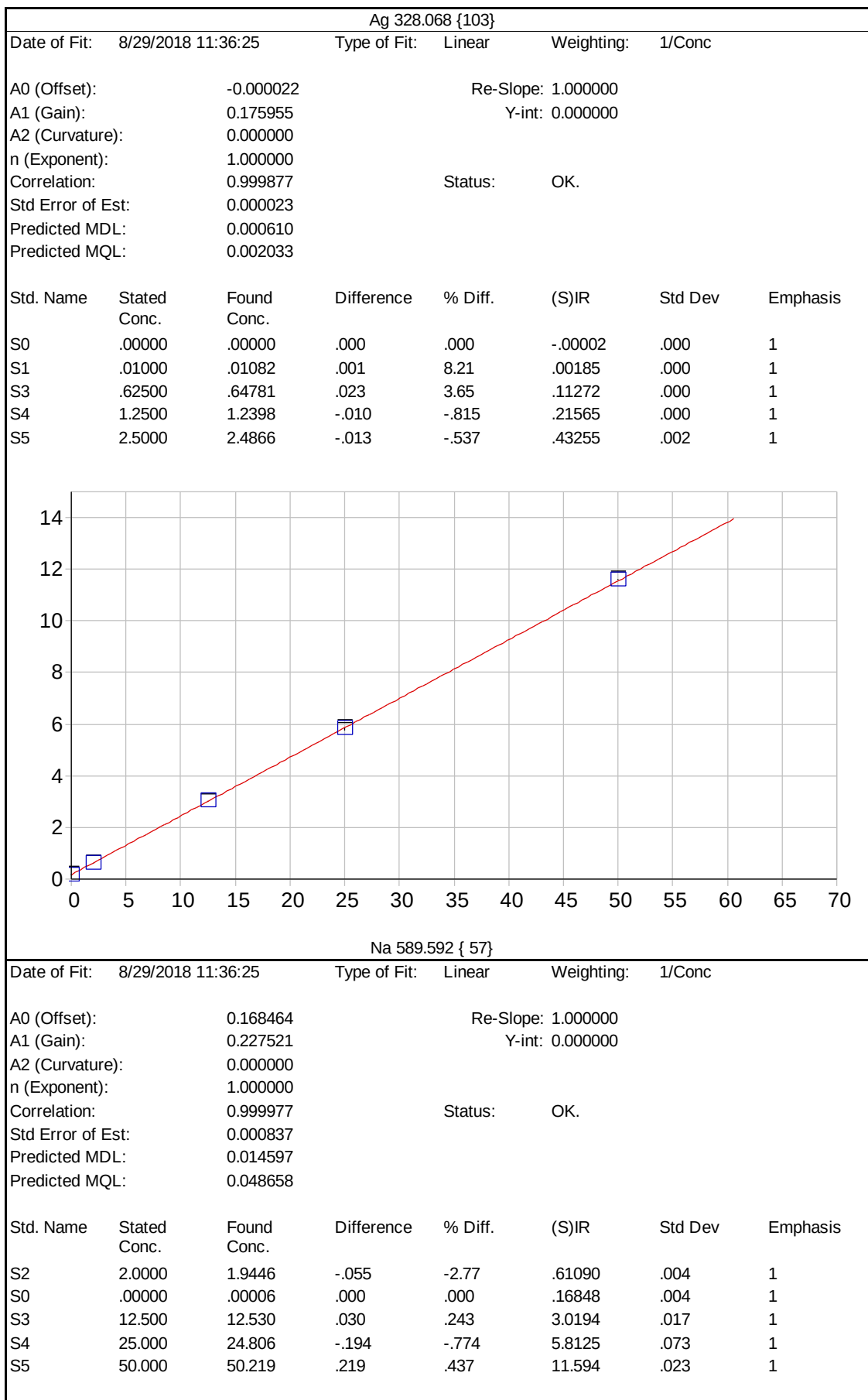
Ni 231.604 {445}

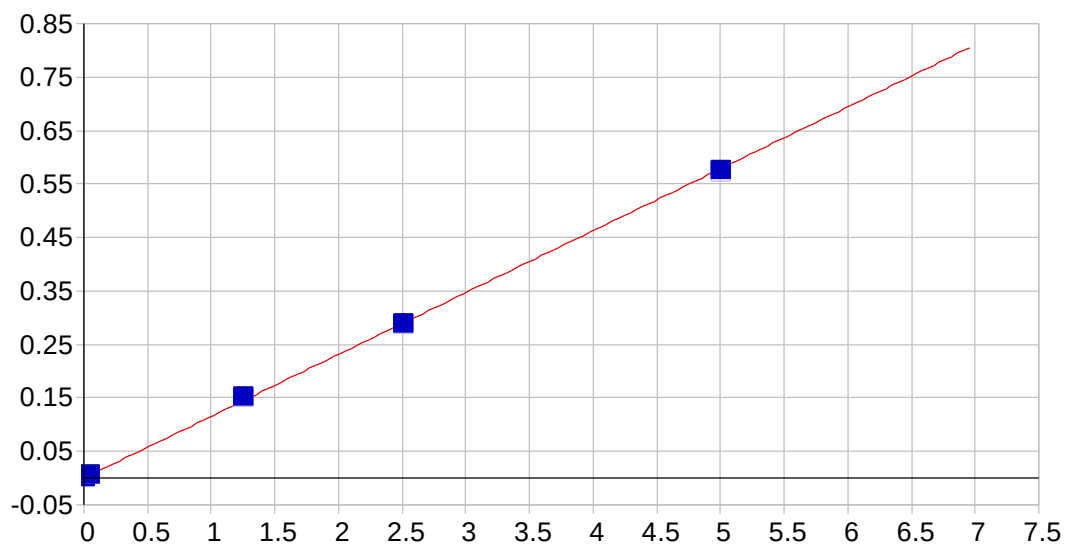
Date of Fit: 8/29/2018 11:36:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000255 Re-Slope: 1.000000
 A1 (Gain): 0.413980 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999907 Status: OK.
 Std Error of Est: 0.000136
 Predicted MDL: 0.000641
 Predicted MQL: 0.002136

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.04000	.04482	.005	12.0	.01831	.000	1
S3	1.2500	1.2714	.021	1.71	.52666	.001	1
S4	2.5000	2.4598	-.040	-1.61	1.0192	.001	1
S5	5.0000	5.0139	.014	.278	2.0777	.001	1





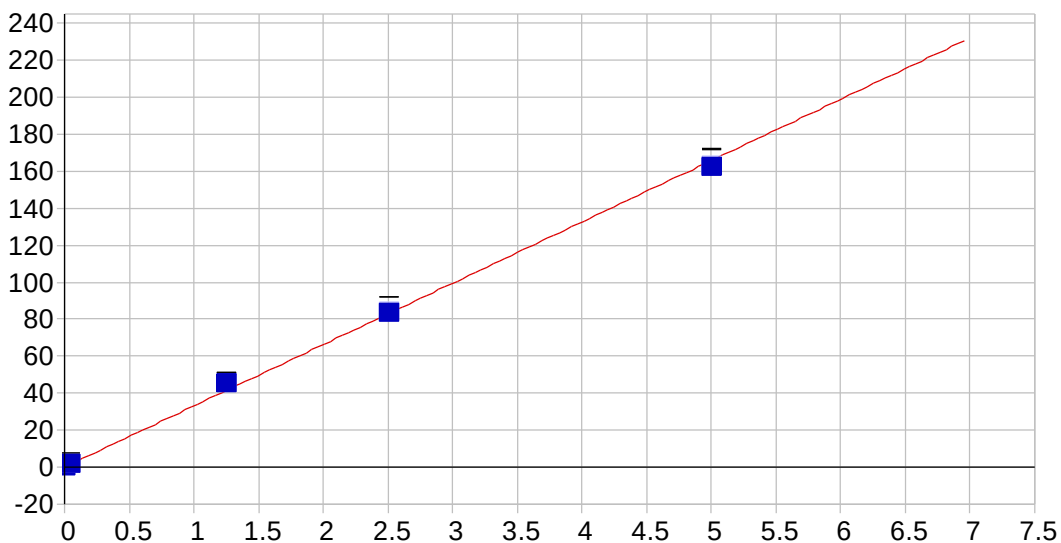


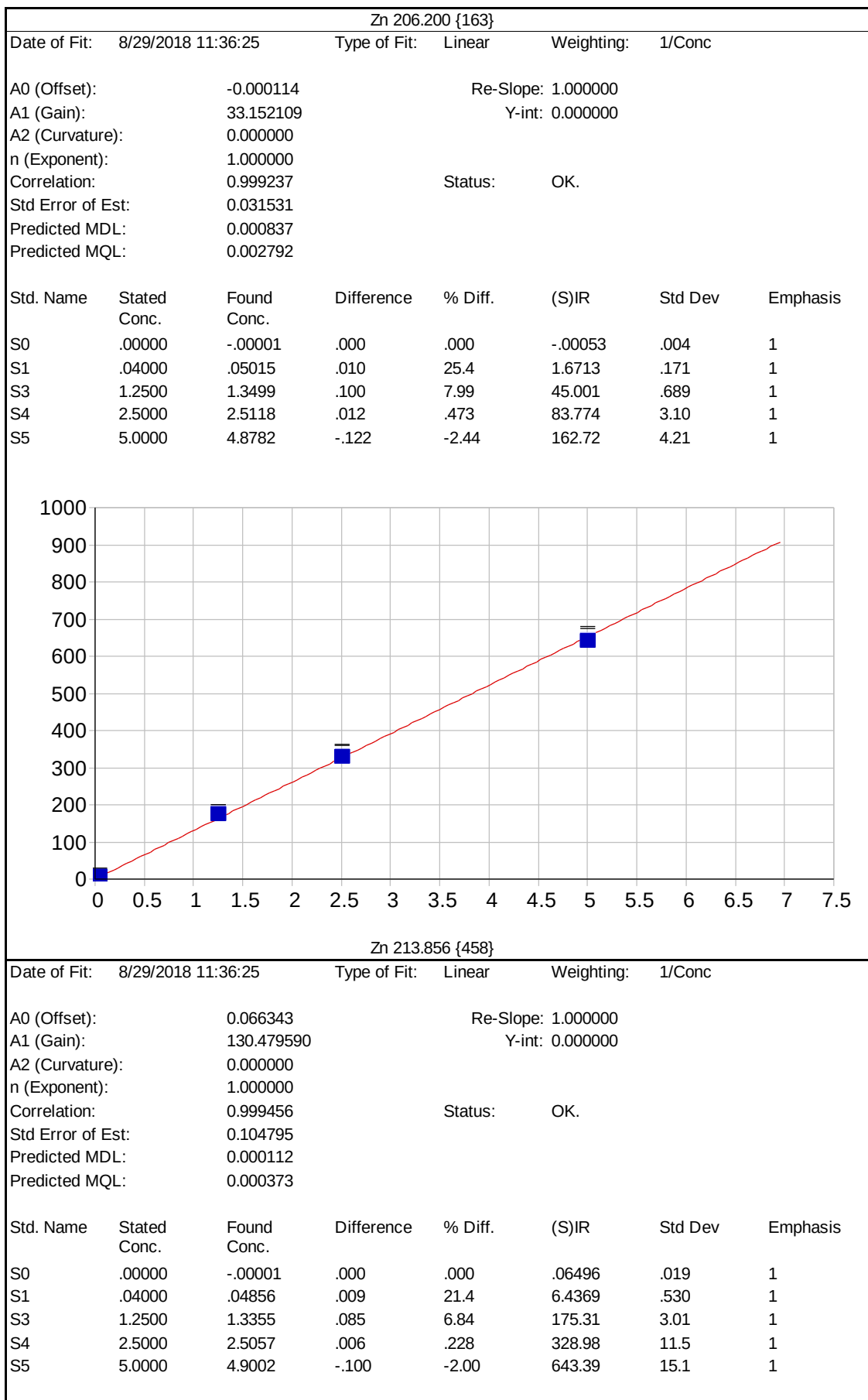
V 292.402 {115}

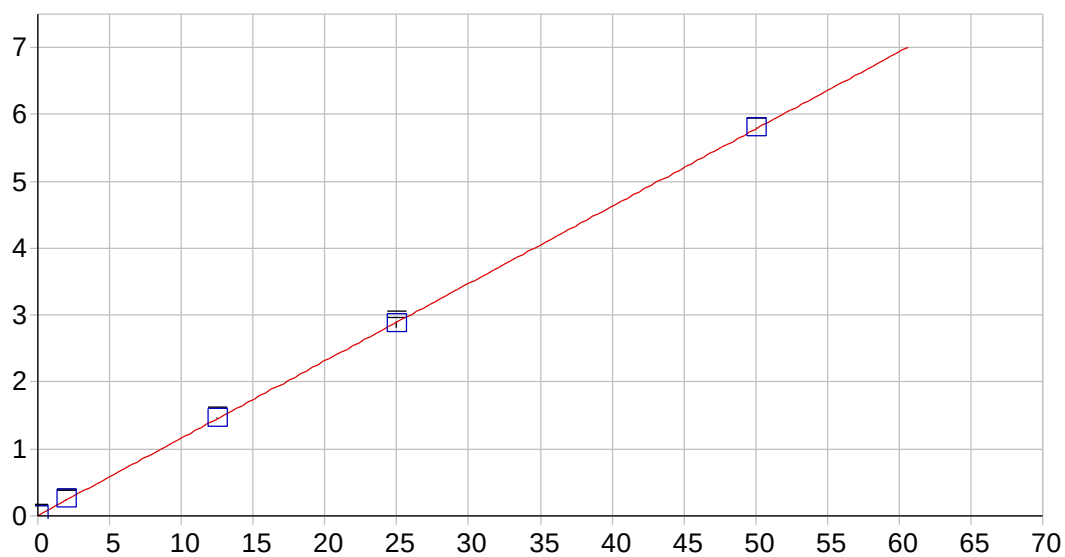
Date of Fit: 8/29/2018 11:36:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000080 Re-Slope: 1.000000
 A1 (Gain): 0.115722 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999794 Status: OK.
 Std Error of Est: 0.000056
 Predicted MDL: 0.000646
 Predicted MQL: 0.002152

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00008	.000	1
S1	.04000	.04750	.007	18.7	.00534	.000	1
S3	1.2500	1.2970	.047	3.76	.14907	.000	1
S4	2.5000	2.4847	-.015	-.614	.28556	.000	1
S5	5.0000	4.9609	-.039	-.782	.57022	.000	1





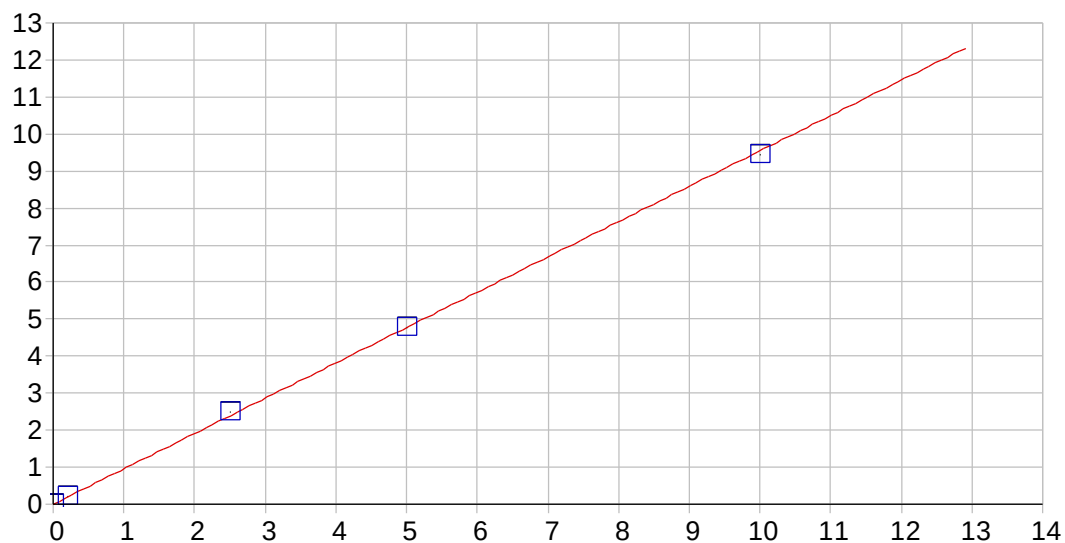


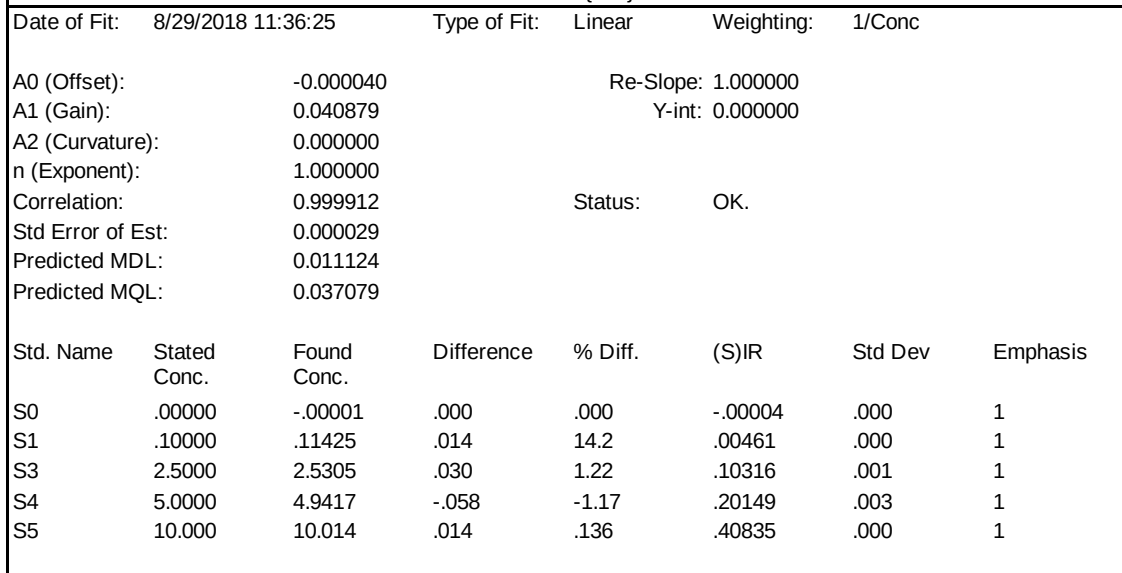
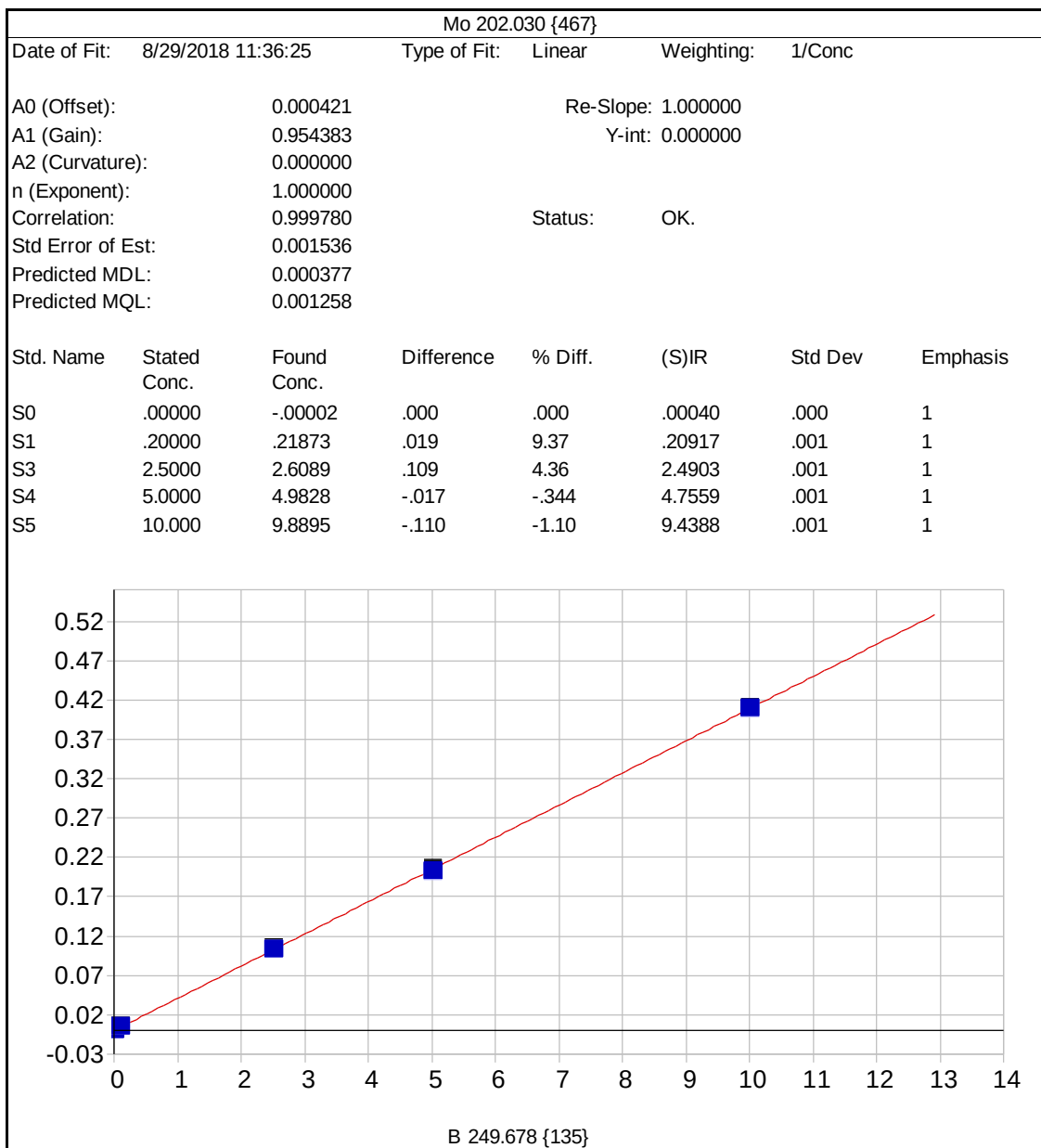
K 766.490 { 44}

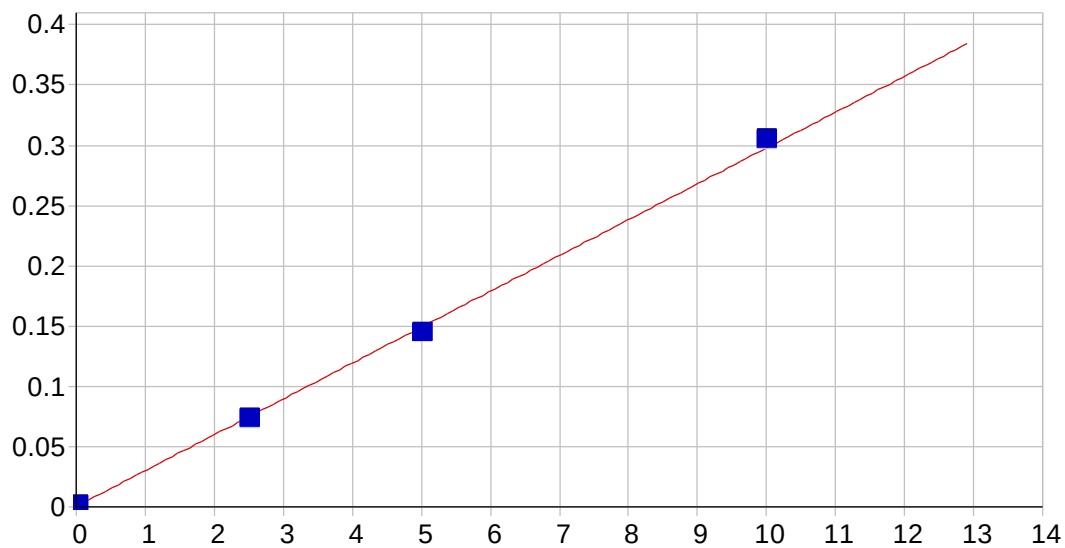
Date of Fit: 8/29/2018 11:36:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007374 Re-Slope: 1.000000
 A1 (Gain): 0.115456 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999970 Status: OK.
 Std Error of Est: 0.000489
 Predicted MDL: 0.040455
 Predicted MQL: 0.134849

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0623	.062	3.12	.24548	.009	1
S0	.00000	-.00005	.000	.000	.00737	.003	1
S3	12.500	12.542	.042	.335	1.4554	.009	1
S4	25.000	24.736	-.264	-1.06	2.8633	.042	1
S5	50.000	50.160	.160	.320	5.7986	.005	1





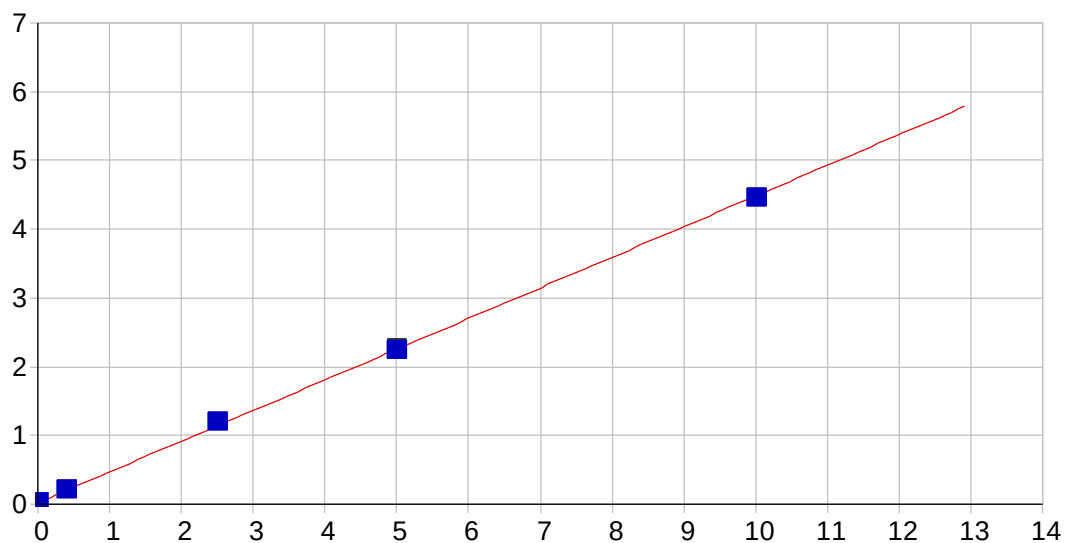


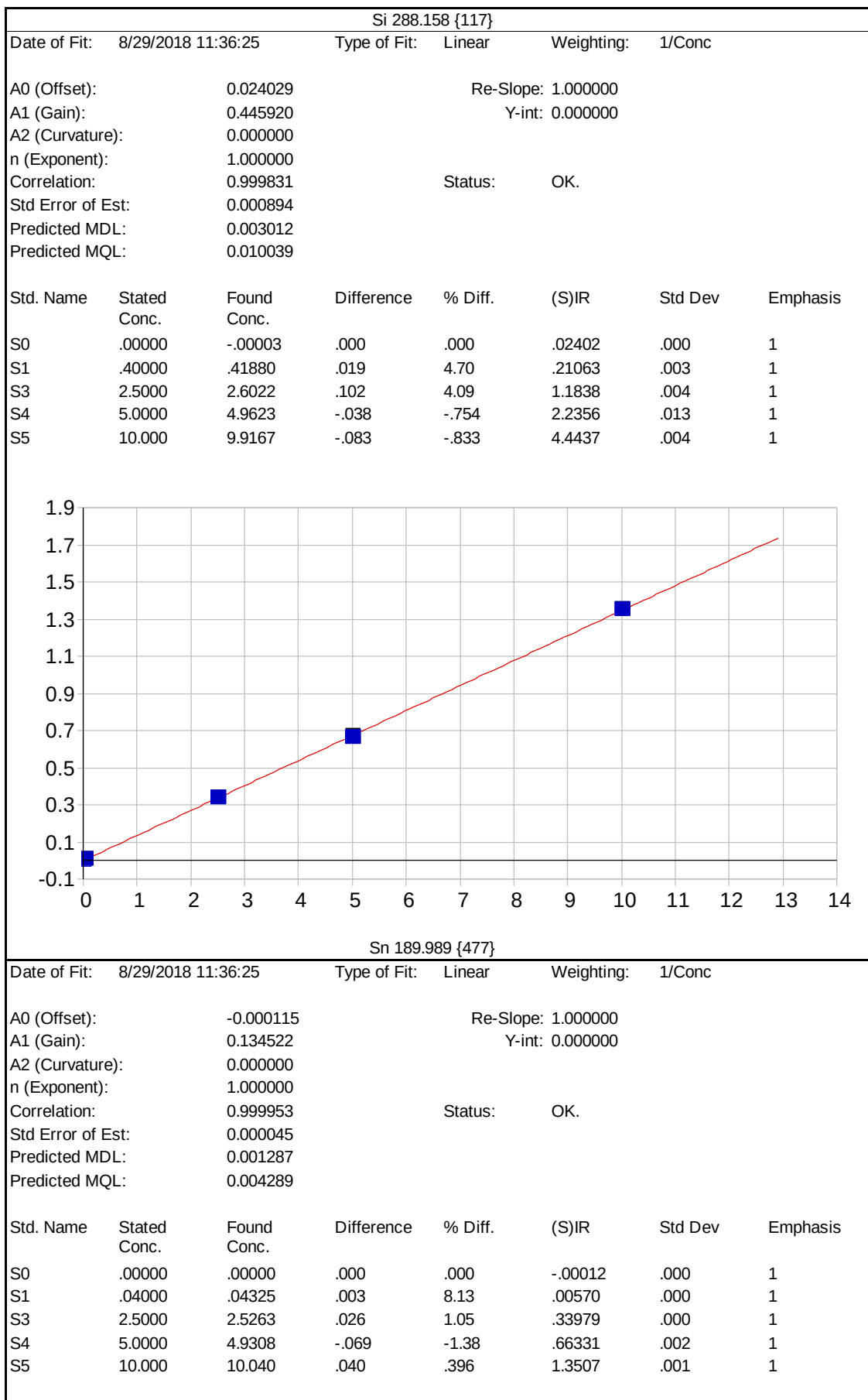
S 182.034 {485}

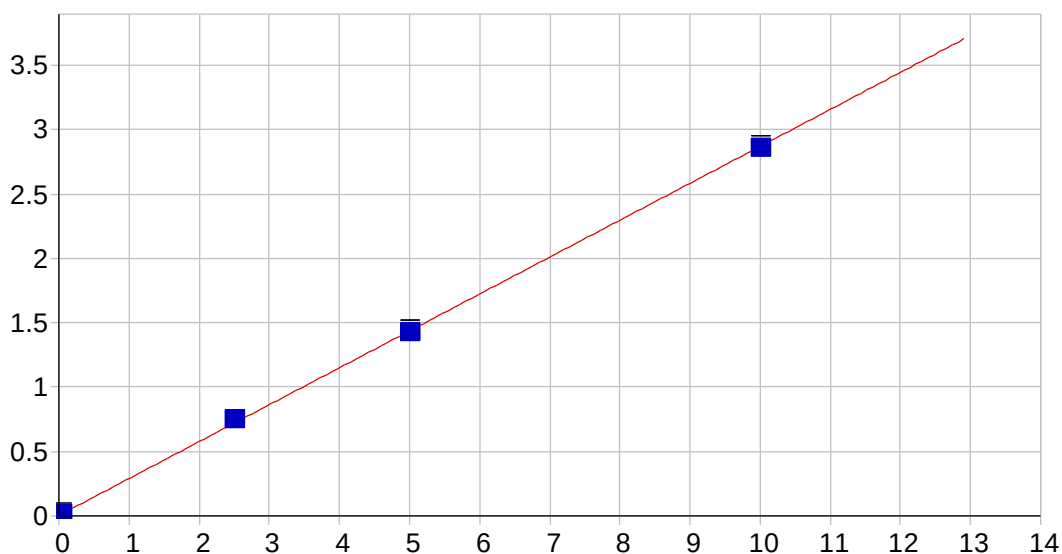
Date of Fit: 8/29/2018 11:36:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000351 Re-Slope: 1.000000
 A1 (Gain): 0.029747 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999653 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.005068
 Predicted MQL: 0.016894

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00035	.000	1
S1	.02000	.01987	.000	-.670	.00092	.000	1
S3	2.5000	2.4342	-.066	-2.63	.07268	.000	1
S4	5.0000	4.8384	-.162	-3.23	.14411	.000	1
S5	10.000	10.227	.227	2.27	.30425	.000	1







Ti 336.121 {100}

Date of Fit: 8/29/2018 11:36:25

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001457

Re-Slope: 1.000000

A1 (Gain): 0.286927

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999856

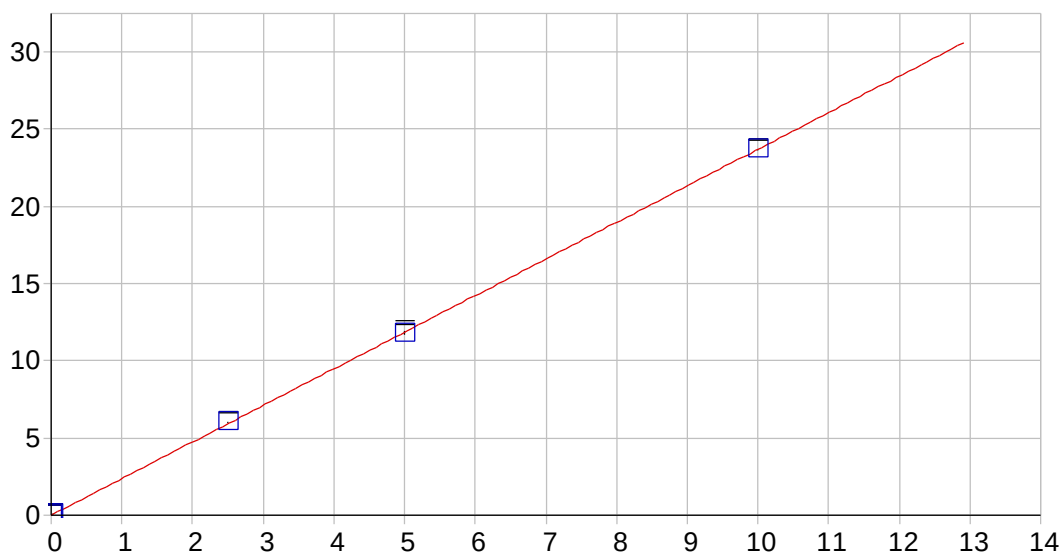
Status: OK.

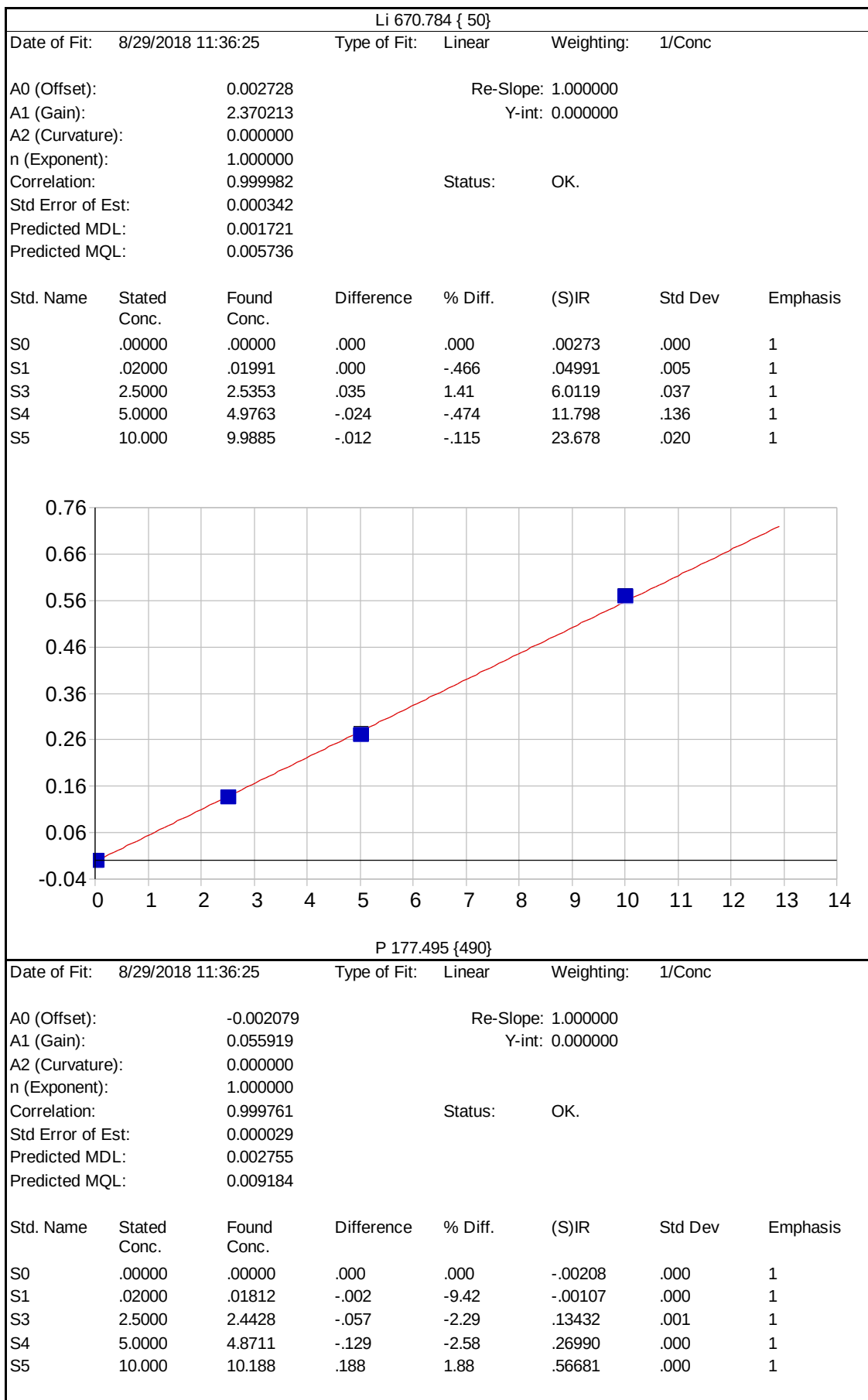
Std Error of Est: 0.000167

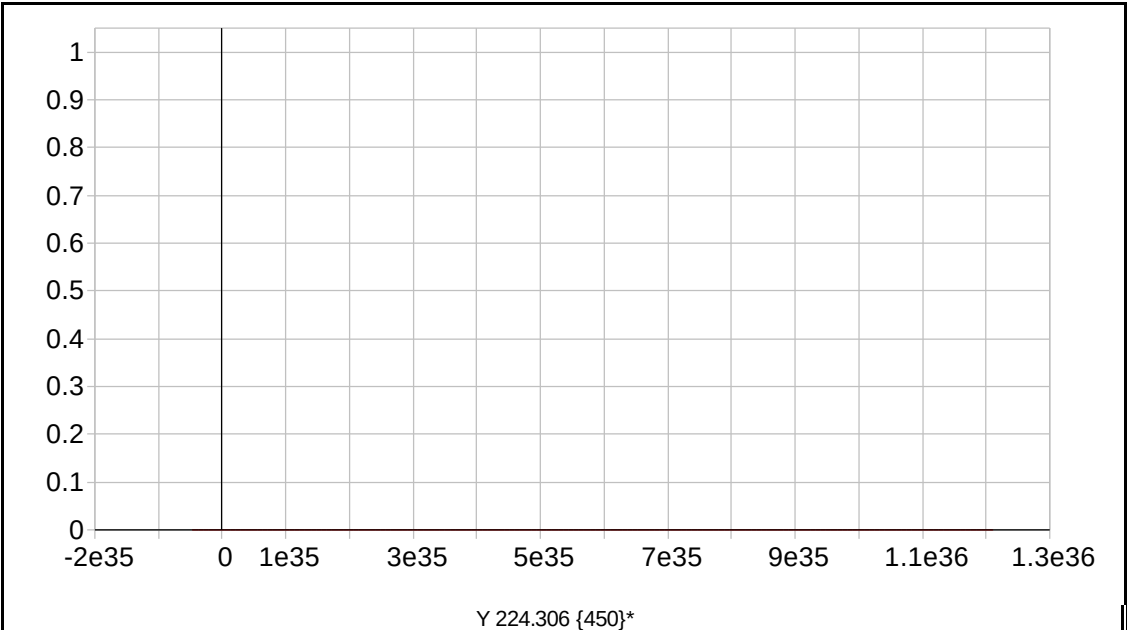
Predicted MDL: 0.003004

Predicted MQL: 0.010012

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00145	.000	1
S1	.04000	.04642	.006	16.1	.01477	.001	1
S3	2.5000	2.5919	.092	3.68	.74506	.006	1
S4	5.0000	4.9636	-.036	-.728	1.4255	.021	1
S5	10.000	9.9380	-.062	-.620	2.8526	.020	1

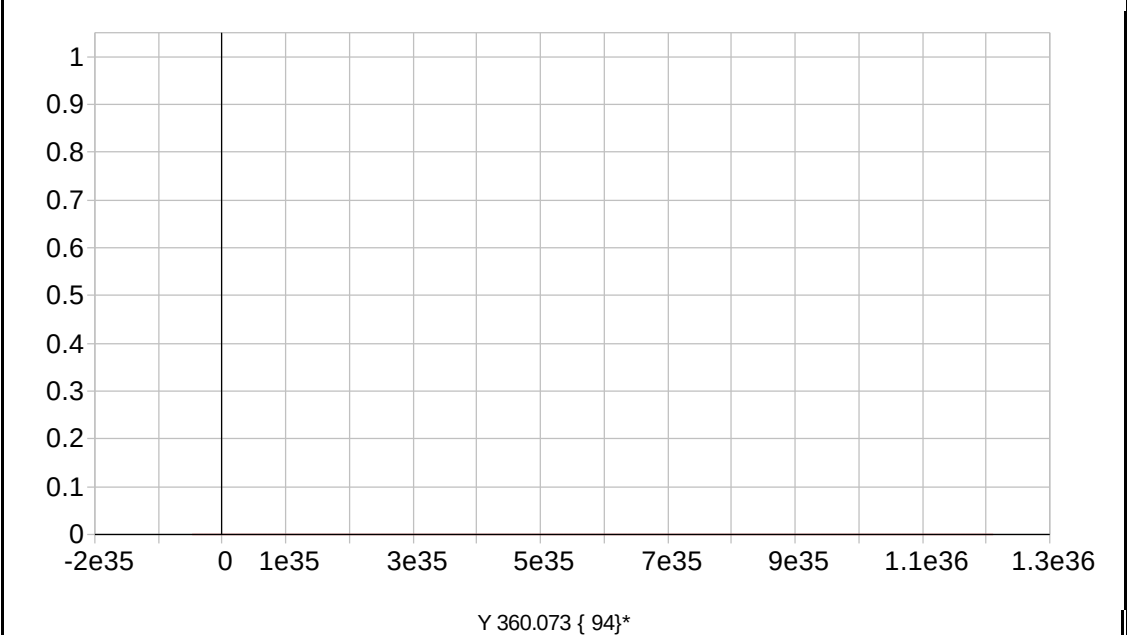






Y 224.306 {450}*
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Y 360.073 { 94}*
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

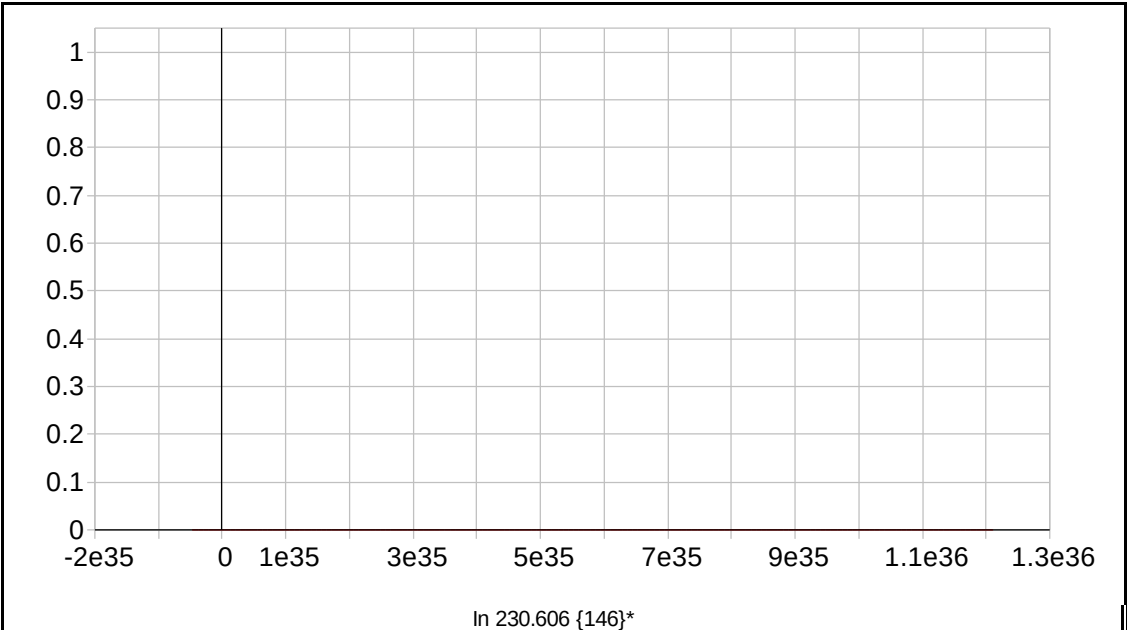
Status: Warning Zero Gain

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Re-Slope: 1.000000
Y-int: 0.000000

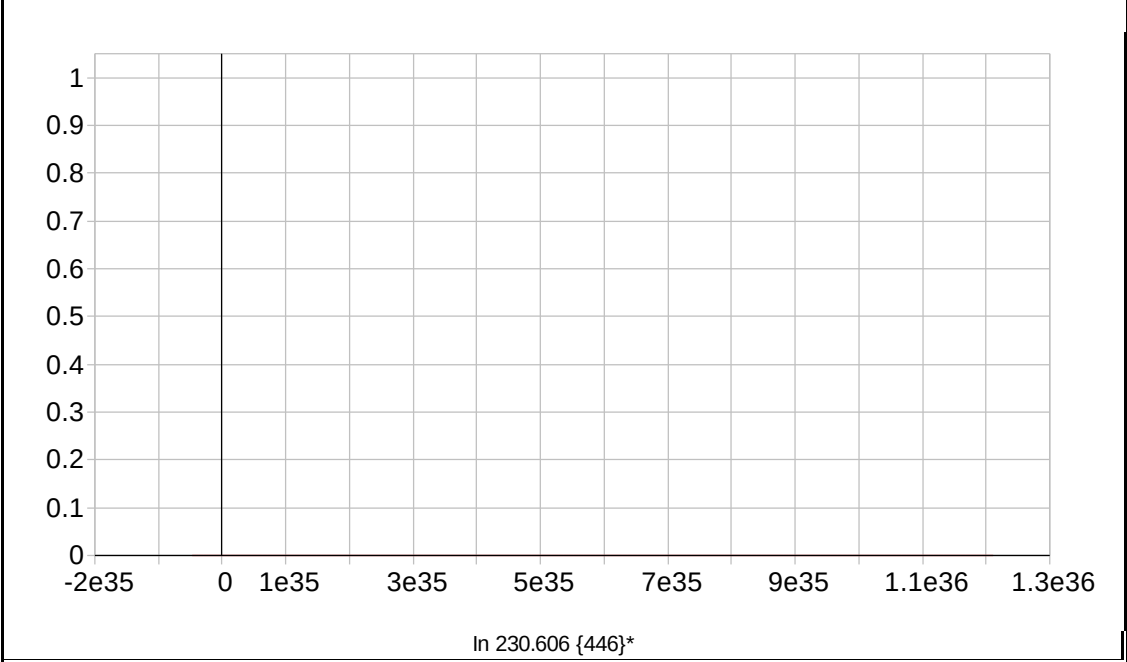
Status: Warning Zero Gain

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

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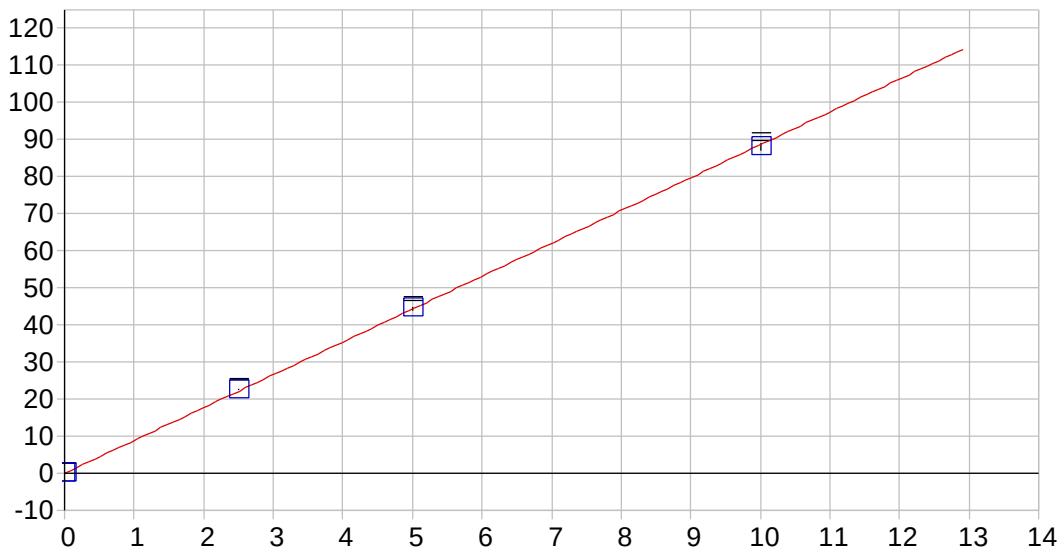


Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.000000
 Std Error of Est: 0.000000
 Predicted MDL: n/a
 Predicted MQL: n/a

Status: Warning Zero Gain

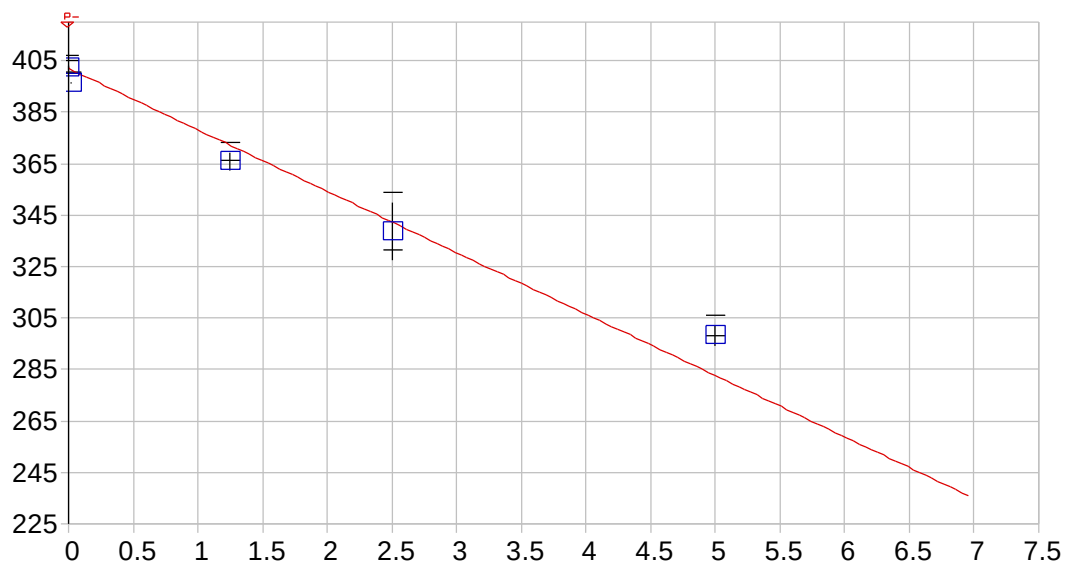
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: 8/29/2018 11:36:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004462 Re-Slope: 1.000000
 A1 (Gain): 8.860874 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.001976
 Predicted MDL: 0.000172
 Predicted MQL: 0.000574

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00447	.000	1
S1	.02000	.02034	.000	1.69	.17575	.005	1
S3	2.5000	2.5517	.052	2.07	22.606	.125	1
S4	5.0000	5.0108	.011	.216	44.395	.672	1
S5	10.000	9.9372	-.063	-.628	88.048	.925	1

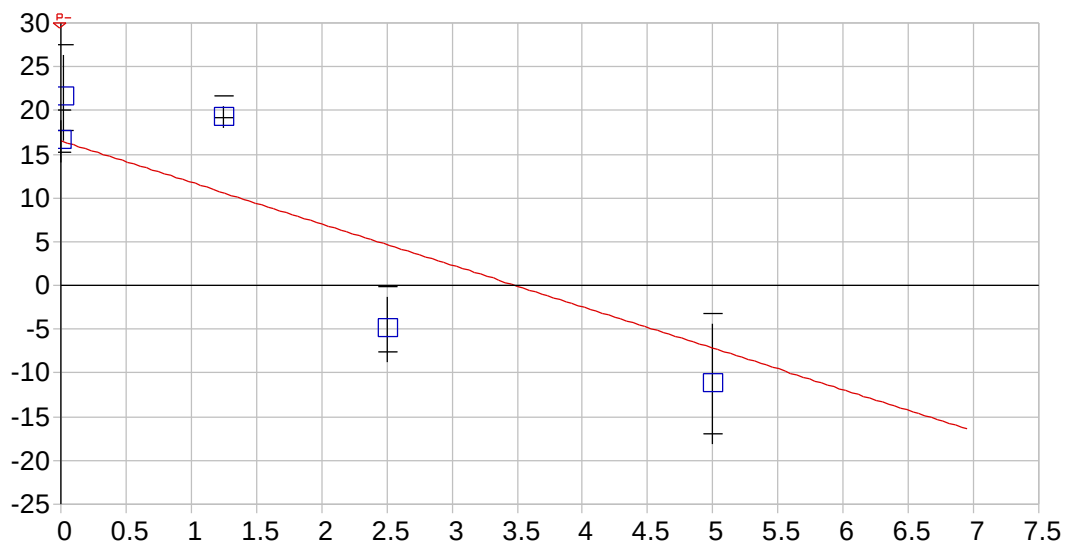


U 367.007 { 92}

Date of Fit: 8/29/2018 11:36:25 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 401.942406 Re-Slope: 1.000000
 A1 (Gain): -23.858734 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.876184 Status: Warning Negative Gain
 Std Error of Est: 0.224278
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00023	.000	.000	401.95	.942	1
S1	.02000	.24358	.224	1120.	396.13	.256	1
S3	1.2500	1.5205	.270	21.6	365.67	3.44	1
S4	2.5000	2.6533	.153	6.13	338.64	11.2	1
S5	5.0000	4.3526	-.647	-12.9	298.09	4.01	1



U 385.958 { 87}							
Date of Fit:	8/29/2018 11:36:26		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	16.507204		Re-Slope: 1.000000				
A1 (Gain):	-4.734903		Y-int: 0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.353340		Status:	Warning	Negative Gain		
Std Error of Est:	0.214224						
Predicted MDL:	n/a						
Predicted MQL:	n/a						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00108	.001	.000	16.502	2.39	1
S1	.02000	-1.0470	-1.07	-5340.	21.465	4.92	1
S3	1.2500	-.57764	-1.83	-146.	19.242	1.27	1
S4	2.5000	4.5450	2.04	81.8	-5.0128	3.77	1
S5	5.0000	5.8497	.850	17.0	-11.190	6.86	1

Sample Name: S0 Acquired: 8/29/2018 11:12:34 Type: Cal

Method: P4-ICP2(v2382) Mode: IR Corr. Factor: 1.000000

User: JASWAL/BINHE Custom ID1: 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	.00013	.00001	.00007	.00029	.00026	.00002	.00758	.00007
Stddev	.00010	.00011	.00003	.00000	.00005	.00001	.00016	.00002
%RSD	72.904	1121.9	40.114	.72755	18.205	53.679	2.1111	30.566

#1	-.00020	-.00009	-.00009	.00029	.00022	.00003	.00747	.00008
#2	-.00006	.00007	-.00005	.00029	.00029	.00001	.00770	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00038	.00046	.00001	.00060	.00012	.01536	.00004	.00027
Stddev	.00002	.00029	.00001	.00004	.00015	.00389	.00001	.00014
%RSD	4.5854	62.597	208.24	6.2329	121.78	25.330	12.624	51.197

#1	-.00039	.00026	.00000	.00057	-.00002	.01261	.00004	.00017
#2	-.00036	.00067	-.00002	.00063	-.00023	.01811	.00005	.00037

Elem	Ni2316	Ag3280	Na5895	V_ 2924	Zn2138	K_ 7664	Mo2020	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00026	.00002	.16848	.00008	.06496	.00737	.00040	.00004
Stddev	.00011	.00010	.00445	.00003	.01868	.00323	.00011	.00039
%RSD	43.414	445.66	2.6390	40.855	28.760	43.840	28.319	960.10

#1	-.00018	.00005	.17162	-.00010	.07817	.00508	.00048	-.00032
#2	-.00034	-.00009	.16533	-.00006	.05175	.00965	.00032	.00024

Elem	S_ 1820	Si2881	Sn1899	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00035	.02402	.00012	.00145	.00273	.0021	.00447	.401.95
Stddev	.00006	.00009	.00001	.00014	.00011	.0001	.00022	.94
%RSD	18.528	.38723	5.7679	9.4193	3.8835	7.183	5.0106	.23438

#1	.00040	.02395	-.00012	.00136	.00280	-.0020	-.00463	.402.61
#2	.00030	.02408	-.00011	.00155	.00265	-.0022	-.00431	.401.28

Sample Name: S0 Acquired: 8/29/2018 11:12:34 Type: Cal
Method: P4-ICP2(v2382) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_ 3859
Units	Cts/S
Avg	16.502
Stddev	2.391
%RSD	14.488

#1	18.193
#2	14.811

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.9	59375.	2991.0	47.211	3168.4
Stddev	15.6	228.	25.4	1.012	15.7
%RSD	.77552	.38333	.84990	2.1445	.49609

#1	1994.9	59214.	2973.0	46.495	3157.3
#2	2016.9	59536.	3009.0	47.927	3179.5

Sample Name: S1 Acquired: 8/29/2018 11:16:40 Type: Cal
Method: P4-ICP2(v2382) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00153	.00364	.00238	.00160	.01025	.00048	.50145	.00368	.01550
Stddev	.00018	.00014	.00017	.00011	.00015	.00005	.01241	.00006	.00064
%RSD	11.501	3.8039	7.0574	6.6000	1.4213	10.152	2.4741	1.5005	4.1296

#1	.00140	.00354	.00250	.00153	.01015	.00051	.49267	.00372	.01595
#2	.00165	.00374	.00226	.00168	.01036	.00044	.51022	.00364	.01504

Elem	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280	V_ 2924	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00091	.03348	.01445	.19014	.01946	.01831	.00185	.00534	3.4369
Stddev	.00006	.00055	.00032	.03338	.00017	.00005	.00003	.00003	.5300
%RSD	6.6469	1.6548	2.2442	17.558	.88862	.25906	1.3991	.54799	8.2338

#1	.00087	.03309	.01468	.16653	.01933	.01834	.00187	.00537	6.0621
#2	.00095	.03387	.01422	.21374	.01958	.01827	.00183	.00532	6.8116

Elem	Mo2020	B_ 2496	S_ 1820	Si2881	Sn1899	Ti3361	Li6707	P_ 1774	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.20917	.00461	.00092	.21063	.00570	.01477	.04991	.0011	.17575
Stddev	.00066	.00024	.00008	.00327	.00001	.00121	.00481	.0002	.00513
%RSD	.31409	5.1975	8.6289	1.5528	.22076	8.1882	9.6419	21.82	2.9196

#1	.20964	.00444	.00098	.20832	.00569	.01392	.04651	-.0009	.17212
#2	.20871	.00478	.00087	.21294	.00571	.01563	.05331	-.0012	.17938

Elem	U_ 3670	U_ 3859
Units	Cts/S	Cts/S
Avg	396.13	21.465
Stddev	.26	4.915
%RSD	.06471	22.898

#1	395.95	24.940
#2	396.31	17.989

Sample Name: S1 Acquired: 8/29/2018 11:16:40 Type: Cal
Method: P4-ICP2(v2382) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.6	58749.	3004.8	17.884	3144.7
Stddev	14.6	275.	47.6	3.269	22.1
%RSD	.72930	.46748	1.5837	6.8264	.70388
#1	1995.2	58554.	3038.5	50.195	3129.1
#2	2015.9	58943.	2971.2	45.573	3160.4

Sample Name: S2 Acquired: 8/29/2018 11:20:50 Type: Cal
Method: P4-ICP2(v2382) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_ 7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08537	.02301	.61090	.24548
Stddev	.00159	.00094	.00404	.00882
%RSD	1.8599	4.0834	.66176	3.5915

#1	.08425	.02235	.60804	.23925
#2	.08649	.02368	.61375	.25172

Int. Std.	Y_ 3710
Units	Cts/S
Avg	.2970.1
Stddev	6.9
%RSD	.23149

#1	2965.2
#2	2975.0

Sample Name: S3 Acquired: 8/29/2018 11:24:51 Type: Cal
Method: P4-ICP2(v2382) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.19613	.20428	.49727	.15835	.45315	.02195	.22.898	.07389	3.2199
Stddev	.00002	.00001	.00045	.00000	.00042	.00039	.113	.00026	.0110
%RSD	.01157	.00532	.09048	.00006	.09358	1.7688	.49507	.35741	.34231

#1	.19615	.20427	.49759	.15835	.45345	.02167	22.818	.07370	3.2276
#2	.19612	.20428	.49696	.15835	.45285	.02222	22.978	.07408	3.2121

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.46115	.04015	1.2106	.42817	4.0978	1.0660	.13499	.52666	.11272
Stddev	.00343	.00022	.0001	.00032	.0191	.0003	.00212	.00084	.00030
%RSD	.74295	.54035	.00786	.07538	.46659	.03112	1.5702	.15941	.26911

#1	.45873	.04000	1.2106	.42794	4.1113	1.0657	.13349	.52606	.11294
#2	.46357	.04031	1.2105	.42840	4.0843	1.0662	.13649	.52725	.11251

Elem	Na5895	V_ 2924	Zn2138	K_ 7664	Mo2020	B_ 2496	S_ 1820	Si2881	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0194	.14907	175.31	1.4554	2.4903	.10316	.07268	1.1838	.33979
Stddev	.0168	.00031	3.01	.0090	.0012	.00077	.00006	.0039	.00015
%RSD	.55672	.20791	1.7192	.61754	.04652	.74793	.08591	.32487	.04355

#1	3.0075	.14885	177.44	1.4490	2.4912	.10262	.07272	1.1865	.33968
#2	3.0313	.14929	173.18	1.4618	2.4895	.10371	.07263	1.1811	.33989

Elem	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670	U_ 3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	.74506	5.0119	.1343	22.606	365.67	19.242			
Stddev	.00596	.0370	.0005	.125	3.44	1.269			
%RSD	.80011	.61486	.3953	.55197	.93988	6.5948			

#1	.74085	5.9858	.1339	22.518	363.24	20.140			
#2	.74928	6.0381	.1347	22.694	368.10	18.345			

Sample Name: S3 Acquired: 8/29/2018 11:24:51 Type: Cal
Method: P4-ICP2(v2382) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1985.4	57330.	2934.6	46.165	2978.1
Stddev	9.4	141.	25.6	.961	17.1
%RSD	.47352	.24669	.87245	2.0806	.57348
#1	1978.7	57230.	2916.5	45.486	2966.1
#2	1992.0	57430.	2952.7	46.845	2990.2

Sample Name: S4 Acquired: 8/29/2018 11:28:45 Type: Cal

Method: P4-ICP2(v2382) Mode: IR Corr. Factor: 1.000000

User: JASWAL/BINHE Custom ID1: 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	.37799	.39583	.96571	.30713	.87452	.04251	14.734	.14187
Stddev	.00113	.00080	.00271	.00014	.00048	.00043	.500	.00038
%RSD	.29788	.20323	.28106	.04647	.05510	1.0088	1.1168	.26770

#1	.37879	.39526	.96379	.30723	.87486	.04220	44.381	.14160
#2	.37720	.39640	.96762	.30703	.87418	.04281	45.088	.14214

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2778	.89074	.07619	2.3328	.81361	7.7176	2.0252	.26176
Stddev	.0217	.01357	.00028	.0046	.00120	.1811	.0047	.00705
%RSD	.34541	1.5232	.36370	.19944	.14705	2.3471	.23332	2.6938

#1	6.2624	.88115	.07600	2.3295	.81446	7.8457	2.0219	.25677
#2	6.2931	.90034	.07639	2.3361	.81277	7.5895	2.0286	.26675

Elem	Ni2316	Ag3280	Na5895	V_ 2924	Zn2138	K_ 7664	Mo2020	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0192	.21565	5.8125	.28556	328.98	2.8633	4.7559	.20149
Stddev	.0013	.00045	.0727	.00006	11.48	.0418	.0011	.00272
%RSD	.12474	.20829	1.2510	.01946	3.4906	1.4597	.02281	1.3509

#1	1.0183	.21533	5.7610	.28552	337.10	2.8337	4.7552	.19957
#2	1.0201	.21597	5.8639	.28560	320.86	2.8928	4.7567	.20342

Elem	S_ 1820	Si2881	Sn1899	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.14411	2.2356	.66331	1.4255	11.798	.2699	14.395	338.64
Stddev	.00031	.0129	.00237	.0209	.136	.0001	.672	11.25
%RSD	.21609	.57706	.35691	1.4682	1.1503	.0432	1.5128	3.3220

#1	.14389	2.2265	.66164	1.4107	11.702	.2698	43.920	330.68
#2	.14433	2.2448	.66498	1.4403	11.894	.2700	44.870	346.59

Sample Name: S4 Acquired: 8/29/2018 11:28:45 Type: Cal
 Method: P4-ICP2(v2382) Mode: IR Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_ 3859
Units	Cts/S
Avg	5.0128
Stddev	3.7677
%RSD	75.163

#1	-7.6770
#2	-2.3486

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.4	56505.	2887.9	45.752	2868.4
Stddev	6.8	103.	9.4	1.742	3.3
%RSD	.34737	.18170	.32712	3.8077	.11622

#1	1956.6	56432.	2894.6	44.520	2866.1
#2	1966.2	56577.	2881.2	46.984	2870.8

Sample Name: S5 Acquired: 8/29/2018 11:32:35 Type: Cal

Method: P4-ICP2(v2382) Mode: IR Corr. Factor: 1.000000

User: JASWAL/BINHE Custom ID1: 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	.76230	.80100	1.9668	.61580	1.7673	.08682	39.415	.28463
Stddev	.00059	.00011	.0053	.00143	.0027	.00008	.062	.00022
%RSD	.07737	.01354	.27196	.23161	.15193	.09354	.06928	.07813

#1	.76271	.80108	1.9630	.61680	1.7654	.08676	89.371	.28478
#2	.76188	.80093	1.9706	.61479	1.7692	.08687	89.459	.28447

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.864	1.7771	.15090	4.7751	1.6067	15.517	3.9837	.52770
Stddev	.019	.0057	.00014	.0082	.0024	.537	.0017	.00334
%RSD	.14889	.31933	.09497	.17144	.14641	3.4584	.04265	.63255

#1	12.850	1.7731	.15100	4.7693	1.6050	15.137	3.9825	.52534
#2	12.877	1.7811	.15079	4.7809	1.6084	15.896	3.9849	.53006

Elem	Ni2316	Ag3280	Na5895	V_ 2924	Zn2138	K_ 7664	Mo2020	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0777	.43255	11.594	.57022	343.39	5.7986	9.4388	.40835
Stddev	.0005	.00178	.023	.00012	15.09	.0047	.0014	.00033
%RSD	.02509	.41190	.19487	.02107	2.3452	.08177	.01427	.08023

#1	2.0780	.43381	11.578	.57014	632.72	5.7953	9.4398	.40811
#2	2.0773	.43129	11.610	.57031	654.06	5.8020	9.4379	.40858

Elem	S_ 1820	Si2881	Sn1899	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.30425	4.4437	1.3507	2.8526	23.678	.5668	38.048	298.09
Stddev	.00008	.0036	.0005	.0201	.020	.0001	.925	4.01
%RSD	.02694	.08080	.03951	.70403	.08421	.0110	1.0510	1.3450

#1	.30431	4.4412	1.3510	2.8384	23.663	.5669	87.393	295.26
#2	.30419	4.4462	1.3503	2.8668	23.692	.5668	88.702	300.93

Sample Name: S5 Acquired: 8/29/2018 11:32:35 Type: Cal
Method: P4-ICP2(v2382) Mode: IR Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_ 3859
Units	Cts/S
Avg	.11.190
Stddev	6.863
%RSD	61.332

#1	-6.3373
#2	-16.044

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1909.6	55195.	2867.5	45.258	2689.2
Stddev	4.2	228.	21.6	.940	4.5
%RSD	.21817	.41389	.75422	2.0760	.16736

#1	1906.6	55034.	2852.2	45.923	2686.1
#2	1912.5	55357.	2882.8	44.594	2692.4

Sample Name: ICV01 Acquired: 8/29/2018 11:36:29 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: JASWAL/BINHE Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0071	1.0492	.99809	1.0103	.97374	2.5408	.52359
Stddev	.0028	.0054	.00181	.0032	.00033	.0036	.00306
%RSD	.27913	.51622	.18100	.31773	.03424	.14312	.58394
#1	1.0091	1.0454	.99937	1.0125	.97397	2.5383	.52143
#2	1.0051	1.0531	.99682	1.0080	.97350	2.5434	.52575
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49625	.48852	10.503	.51130	.49764	.52743	5.1109
Stddev	.00027	.00168	.139	.00165	.00141	.00100	.0069
%RSD	.05508	.34473	1.3263	.32245	.28349	.18946	.13476
#1	.49606	.48971	10.405	.51014	.49864	.52673	5.1060
#2	.49645	.48732	10.602	.51247	.49665	.52814	5.1158
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52728	3.0835	.50143	.51536	9.9833	.51670	1.0499
Stddev	.00168	.0503	.00047	.00083	.0671	.00185	.0018
%RSD	.31852	.82756	.09347	.16176	.67250	.35821	.17272
#1	.52610	6.0479	.50176	.51595	9.9358	.51801	1.0512
#2	.52847	6.1191	.50110	.51477	10.031	.51539	1.0487
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.238	2.5791	2.6369	F.00037	2.4822	2.4775	2.6019
Stddev	.093	.0007	.0402	.00033	.0062	.0120	.0193
%RSD	.91048	.02578	1.5241	90.344	.24928	.48499	.73989
#1	10.172	2.5796	2.6084	.00061	2.4778	2.4860	2.5883
#2	10.304	2.5786	2.6653	.00013	2.4866	2.4690	2.6155

Sample Name: ICV01 Acquired: 8/29/2018 11:36:29 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL/BINHE Custom ID1: ICV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00100	F .0017	F .01243	F 2.2767	1.0522
Stddev	.00237	.0022	.00002	.1672	.5080
%RSD	236.82	127.1	.15868	7.3429	48.283
#1	.00068	-.0032	.01242	2.3949	1.4114
#2	-.00268	-.0002	.01245	2.1585	.69294
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.4	57276.	2876.0	46.334	3050.8
Stddev	6.3	232.	3.7	.216	14.1
%RSD	.31414	.40490	.13027	.46585	.46239
#1	1995.0	57112.	2873.4	46.182	3040.9
#2	2003.8	57440.	2878.7	46.487	3060.8

Sample Name: LLICV01 Acquired: 8/29/2018 11:44:57 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01837	.04303	.01277	.01858	.05409	.08402	.10344
Stddev	.00065	.00124	.00156	.00124	.00259	.01174	.00015
%RSD	3.5611	2.8886	12.231	6.6939	4.7925	13.968	.14432

#1	.01884	.04391	.01166	.01770	.05592	.09232	.10355
#2	.01791	.04215	.01387	.01946	.05225	.07572	.10334

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00589	.00569	2.0892	.01087	.03152	.02116	.09801
Stddev	.00005	.00006	.0303	.00001	.00005	.00010	.01549
%RSD	.79459	1.0556	1.4512	.11771	.16358	.47363	15.805

#1	.00585	.00565	2.0677	.01086	.03156	.02123	.10897
#2	.00592	.00573	2.1106	.01088	.03149	.02109	.08706

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02194	2.0915	.04118	.00940	1.6858	.04320	.04404
Stddev	.00006	.0444	.00018	.00037	.0137	.00013	.00060
%RSD	.28873	2.1239	.44499	3.8930	.81123	.30082	1.3634

#1	.02199	2.1229	.04105	.00965	1.6762	.04311	.04361
#2	.02190	2.0601	.04131	.00914	1.6955	.04330	.04446

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9540	.20203	F.12584	.01663	.39314	.04041	.04394
Stddev	.0104	.00007	.02156	.00145	.00234	.00189	.00013
%RSD	.53024	.03681	17.133	8.7059	.59568	4.6664	.29490

#1	1.9467	.20208	.14109	.01765	.39480	.03908	.04384
#2	1.9614	.20198	.11060	.01560	.39149	.04175	.04403

Sample Name: LLICV01 Acquired: 8/29/2018 11:44:57 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01736	.0164	.02059	F1.7203	F<00000
Stddev	.00192	.0005	.00009	.3896	.35684
%RSD	11.064	3.222	.44033	22.645	26.255
#1	.01600	.0168	.02053	1.9958	-1.1068
#2	.01871	.0160	.02066	1.4449	-1.6114
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.0	58038.	2880.9	47.077	3173.2
Stddev	11.8	257.	9.8	.321	18.7
%RSD	.58165	.44242	.33895	.68273	.58847
#1	2018.6	57857.	2873.9	47.305	3160.0
#2	2035.3	58220.	2887.8	46.850	3186.4

Sample Name: ICB01 Acquired: 8/29/2018 11:49:03 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	.00026	.00053	.00226	.00062	.01447	.00001
Stddev	.00045	.00023	.00057	.00259	.00122	.00549	.00016
%RSD	70.415	87.444	107.20	114.32	196.30	37.936	1724.9

#1	.00032	.00042	.00094	-.00043	.00148	-.01059	.00011
#2	.00095	.00010	.00013	-.00409	-.00024	-.01835	-.00013

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00006	.01171	.00039	.00040	.00069	.01374
Stddev	.00002	.00011	.01051	.00028	.00047	.00031	.01640
%RSD	36.372	170.55	89.726	72.399	116.62	45.230	119.34

#1	-.00003	-.00001	.01914	.00019	-.00073	.00047	-.00215
#2	-.00005	.00014	.00428	.00058	-.00007	.00090	-.02534

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.01591	.00040	.00008	.42320	.00052	.00005
Stddev	.00002	.01535	.00068	.00014	.01000	.00022	.00002
%RSD	721.72	96.533	170.38	183.61	2.3636	42.951	41.627

#1	.00002	.00505	-.00088	.00002	-.41613	-.00068	-.00003
#2	-.00001	.02676	.00008	-.00018	-.43027	-.00036	-.00006

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07870	.00006	.01336	.00388	.00401	.00074	.00215
Stddev	.00401	.00041	.02013	.00370	.00223	.00109	.00099
%RSD	5.0914	668.04	150.64	95.342	55.651	148.48	46.156

#1	-.08153	-.00023	-.00087	-.00650	.00243	-.00151	.00145
#2	-.07586	.00035	.02760	-.00127	.00558	.00004	.00286

Sample Name: ICB01 Acquired: 8/29/2018 11:49:03 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00281	.0012	.00012	F1.5995	F<00000
Stddev	.00072	.0002	.00008	.1066	.56658
%RSD	25.641	13.66	66.479	6.6630	59.853

#1	-.00230	-.0010	-.00006	1.5241	-.54598
#2	-.00332	-.0013	-.00017	1.6748	-1.3472

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2024.2	58294.	2867.2	47.627	3186.1
Stddev	10.2	155.	1.3	2.398	9.2
%RSD	.50568	.26581	.04372	5.0344	.28793

#1	2016.9	58184.	2866.3	49.323	3179.6
#2	2031.4	58404.	2868.1	45.932	3192.6

Sample Name: CRI01 Acquired: 8/29/2018 11:57:14 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01960	.04346	.01323	.01651	.05161	.09364	.10203	.00589
Stddev	.00186	.00144	.00123	.00307	.00045	.00639	.00215	.00006
%RSD	9.4764	3.3029	9.3267	18.590	.86789	6.8200	2.1105	1.0032
#1	.01829	.04244	.01411	.01434	.05130	.08912	.10051	.00593
#2	.02092	.04447	.01236	.01868	.05193	.09816	.10356	.00584
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00571	2.0486	.01080	.03138	.02081	.10457	.02209	2.0765
Stddev	.00009	.0481	.00027	.00034	.00033	.02691	.00004	.0996
%RSD	1.5943	2.3491	2.5048	1.0956	1.5726	25.737	.17381	4.7971
#1	.00565	2.0146	.01061	.03162	.02104	.08554	.02212	2.0061
#2	.00578	2.0826	.01099	.03114	.02058	.12360	.02207	2.1469
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04221	.00968	1.6330	.04353	.04507	1.9626	.20377	.11329
Stddev	.00028	.00021	.0225	.00003	.00105	.0296	.00013	.00628
%RSD	.65891	2.2173	1.3771	.07358	2.3271	1.5101	.06497	5.5451
#1	.04201	.00952	1.6171	.04351	.04433	1.9417	.20386	.11773
#2	.04240	.00983	1.6489	.04355	.04582	1.9836	.20367	.10884
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01465	.39816	.04050	.04392	.01913	.0179	.02051	F2.3218
Stddev	.00423	.00203	.00045	.00607	.00028	.0003	.00026	.3755
%RSD	28.882	.51008	1.1053	13.812	1.4390	1.886	1.2886	16.171
#1	.01166	.39960	.04018	.03963	.01933	.0182	.02032	2.5872
#2	.01765	.39672	.04082	.04821	.01894	.0177	.02069	2.0563

Sample Name: CRI01 Acquired: 8/29/2018 11:57:14 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F.88762
Stddev	.58497
%RSD	65.903

#1	1.3013
#2	.47399

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.9	57290.	2834.1	46.050	3139.2
Stddev	1.1	139.	13.3	1.074	.4
%RSD	.05420	.24312	.47053	2.3312	.01175

#1	2005.1	57192.	2824.7	46.809	3138.9
#2	2006.7	57389.	2843.6	45.291	3139.5

Sample Name: IC5A01 Acquired: 8/29/2018 12:01:21 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00176	.00275	.00145	.00706	.00214	281.80	.00518	.00037
Stddev	.00153	.00120	.00346	.00327	.00080	3.06	.00069	.00011
%RSD	86.991	43.672	238.96	46.258	37.597	1.0871	13.357	28.757

#1	.00068	-.00360	-.00100	.00475	-.00270	279.64	.00469	.00029
#2	.00284	-.00190	.00389	.00937	-.00157	283.97	.00567	.00044

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00414	252.46	.05908	.00023	.00222	34.829	.01169	267.48
Stddev	.00058	6.11	.00063	.00034	.00379	7.074	.00005	7.31
%RSD	14.024	2.4197	1.0620	152.48	170.70	7.4598	.46066	2.7319

#1	.00455	248.14	.05864	-.00047	.00046	89.827	.01165	262.31
#2	.00373	256.78	.05953	.00002	-.00490	99.831	.01173	272.64

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00727	.00046	.31874	.00063	.00223	.07100	.00025	.02105
Stddev	.00073	.00048	.00898	.00060	.00016	.02395	.00032	.00069
%RSD	9.9944	103.39	2.8175	95.842	7.1172	33.728	126.80	3.2594

#1	.00778	.00012	-.31239	.00105	.00212	-.05407	-.00048	.02154
#2	.00676	.00080	-.32509	.00020	.00234	-.08794	-.00003	.02057

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01491	.00136	.00139	.00204	.00163	.0033	F.11068	F3.2065
Stddev	.00863	.00323	.00169	.00174	.00107	.0002	.00150	.2817
%RSD	57.859	237.35	121.91	85.711	65.285	6.945	1.3547	8.7845

#1	.00881	-.00365	-.00019	-.00080	.00088	.0034	.10962	3.0073
#2	.02101	.00092	-.00259	-.00327	.00238	.0031	.11174	3.4057

Sample Name: IC5A01 Acquired: 8/29/2018 12:01:21 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 43.685
Stddev	.288
%RSD	.65973

#1	43.889
#2	43.481

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.8	51289.	2741.7	45.832	2530.1
Stddev	11.7	56.	34.5	2.885	15.7
%RSD	.63686	.10833	1.2578	6.2939	.62174

#1	1822.5	51250.	2766.1	47.871	2518.9
#2	1839.0	51329.	2717.3	43.792	2541.2

Sample Name: ICSAB01 Acquired: 8/29/2018 12:05:31 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11091	.10644	.05595	.05910	.61467	276.75	.55872	.56692
Stddev	.00042	.00208	.00129	.00641	.00075	4.17	.00279	.00081
%RSD	.37714	1.9560	2.3008	10.846	.12207	1.5068	.49929	.14282

#1	.11061	.10791	.05504	.05456	.61520	273.80	.55675	.56635
#2	.11120	.10497	.05686	.06363	.61414	279.70	.56070	.56749

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0457	248.73	.59922	.52786	.51357	95.589	.55420	263.59
Stddev	.0062	1.66	.00188	.00096	.00190	1.039	.00287	2.36
%RSD	.59255	.66677	.31408	.18233	.37015	1.0869	.51818	.89382

#1	1.0413	247.56	.59789	.52854	.51491	96.323	.55216	261.93
#2	1.0501	249.91	.60056	.52718	.51222	94.854	.55623	265.26

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0628	.16964	-.37789	.53348	1.0386	-.07528	.00177	.01997
Stddev	.0003	.00042	.00515	.00318	.0297	.03465	.00028	.00458
%RSD	.02412	.24913	1.3632	.59640	2.8631	46.036	15.762	22.951

#1	1.0630	.16934	-.37425	.53123	1.0596	-.05077	.00157	.01673
#2	1.0626	.16994	-.38153	.53573	1.0175	-.09978	.00197	.02321

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00299	-.00202	-.00052	-.00321	-.00040	F .0031	.10861	F 3.6670
Stddev	.00473	.00453	.00095	.00227	.00070	.0004	.00038	.1260
%RSD	158.10	224.51	182.09	70.795	176.40	13.76	.34966	3.4361

#1	-.00035	.00119	.00015	-.00160	.00010	.0028	.10834	3.7561
#2	.00633	-.00523	-.00120	-.00481	-.00089	.0034	.10888	3.5779

Sample Name: ICSAB01 Acquired: 8/29/2018 12:05:31 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 12.112
Stddev 1.649
%RSD 3.9163

#1 43.278
#2 40.946

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1829.8	51410.	2733.1	44.569	2530.8
Stddev	4.8	37.	24.2	1.323	10.1
%RSD	.26124	.07169	.88469	2.9687	.40071

#1	1833.2	51436.	2716.0	43.633	2537.9
#2	1826.5	51384.	2750.2	45.504	2523.6

Sample Name: CCV01 Acquired: 8/29/2018 12:09:34 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9436	4.9478	4.9314	4.9457	4.9401	10.106	10.081	24776
Stddev	.0032	.0039	.0029	.0136	.0061	.071	.067	.00138
%RSD	.06523	.07820	.05787	.27483	.12277	.70210	.65992	.55775

#1	4.9459	4.9451	4.9294	4.9553	4.9358	10.056	10.034	24678
#2	4.9413	4.9506	4.9334	4.9361	4.9444	10.156	10.128	24874

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4392	25.180	98475	2.4405	1.2518	4.8892	2.4989	24.729
Stddev	.0050	.429	.00347	.0048	.0007	.0680	.0106	.446
%RSD	.20682	1.7052	.35221	.19521	.05746	1.3912	.42461	1.8030

#1	2.4356	24.877	98229	2.4372	1.2513	4.8411	2.4914	24.414
#2	2.4428	25.484	98720	2.4439	1.2523	4.9372	2.5064	25.044

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4558	1.2332	25.171	2.4755	2.4660	25.540	5.0209	5.0835
Stddev	.0065	.0029	.165	.0049	.0030	.334	.0028	.0446
%RSD	.26347	.23603	.65391	.19836	.12235	1.3063	.05658	.87669

#1	2.4512	1.2311	25.055	2.4720	2.4682	25.304	5.0189	5.0520
#2	2.4603	1.2353	25.288	2.4789	2.4639	25.775	5.0229	5.1150

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8673	5.0755	4.9138	4.9657	5.0675	4.952	5.2358	F 3.7499
Stddev	.0151	.0346	.0246	.0726	.0353	.016	.0275	.0910
%RSD	.31045	.68220	.50128	1.4624	.69596	.3291	.52477	2.4260

#1	4.8566	5.0510	4.8964	4.9143	5.0426	4.941	5.2163	3.8143
#2	4.8780	5.1000	4.9312	5.0170	5.0925	4.964	5.2552	3.6856

Sample Name: CCV01 Acquired: 8/29/2018 12:09:34 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.3884
Stddev	.4496
%RSD	32.382

#1	1.0705
#2	1.7063

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1936.3	55343.	2814.0	45.697	2830.4
Stddev	7.6	8.	1.9	.228	8.1
%RSD	.39049	.01427	.06718	.49813	.28643

#1	1931.0	55338.	2812.7	45.536	2824.6
#2	1941.7	55349.	2815.4	45.858	2836.1

Sample Name: CCB01 Acquired: 8/29/2018 12:13:24 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00069	.00157	.00015	.00076	.00081	.01046	.00141
Stddev	.00093	.00095	.00052	.00145	.00152	.00393	.00026
%RSD	135.32	60.745	339.45	192.00	187.36	37.611	18.211

#1	.00003	.00089	-.00022	.00178	.00189	-.00768	-.00159
#2	.00135	.00224	.00053	-.00027	-.00026	-.01324	-.00123

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00008	.00409	.00046	.00009	.00044	.00890
Stddev	.00007	.00003	.00488	.00024	.00018	.00092	.02359
%RSD	156.24	41.685	119.28	53.184	202.66	209.92	265.21

#1	.00010	.00006	-.00064	.00029	.00022	.00108	-.00779
#2	.00000	.00010	-.00754	.00063	-.00004	-.00021	.02558

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.02623	.00011	.00024	.50169	.00046	.00018
Stddev	.00001	.01039	.00001	.00002	.01777	.00036	.00007
%RSD	15.222	39.613	5.2798	9.2619	3.5425	76.947	37.431

#1	.00004	-.03358	-.00010	-.00023	-.48913	-.00021	-.00023
#2	.00005	-.01889	-.00011	-.00026	-.51426	-.00072	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09087	.00017	.01461	.00780	.00341	.00180	.00311
Stddev	.04462	.00015	.00373	.00028	.00235	.00007	.00172
%RSD	49.097	85.352	25.522	3.5448	68.736	3.9809	55.193

#1	-.05933	.00028	.01197	-.00800	.00507	-.00175	.00432
#2	-.12242	.00007	.01724	-.00761	.00175	-.00185	.00190

Sample Name: CCB01 Acquired: 8/29/2018 12:13:24 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00349	.0007	.00003	F1.9951	F<00000
Stddev	.00005	.0001	.00001	.1380	1.0838
%RSD	1.3048	20.85	26.648	6.9152	461.03
#1	-.00353	-.0006	-.00003	1.8976	-1.0015
#2	-.00346	-.0008	-.00004	2.0927	.53129
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.1	57829.	2837.4	46.107	3189.3
Stddev	4.1	80.	3.7	.839	2.5
%RSD	.20268	.13862	.13027	1.8194	.07970
#1	2024.2	57772.	2834.7	45.514	3191.1
#2	2030.0	57885.	2840.0	46.700	3187.5

Sample Name: J4676-01 Acquired: 8/29/2018 12:17:33 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08559	-.03082	4.2436	-.01114	-.16459	198.55	3.3855
Stddev	.00576	.00388	.0059	.00228	.00392	1.58	.0723
%RSD	6.7319	12.582	.13944	20.421	2.3801	.79456	1.1318

#1	.08151	-.03357	4.2478	-.01275	-.16736	197.43	6.3344
#2	.08966	-.02808	4.2394	-.00953	-.16182	199.66	6.4366

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00591	.08264	219.11	17.897	.29627	189.90	371.86
Stddev	.00036	.00218	1.89	.012	.00073	.35	18.09
%RSD	6.1330	2.6320	.86322	.06881	.24698	.18300	2.0748

#1	.00565	.08418	217.78	17.905	.29679	190.14	859.07
#2	.00616	.08110	220.45	17.888	.29575	189.65	884.65

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2721	18.981	F 363.69	.12701	157.61	.42851	F 41.523
Stddev	.0025	.068	.88	.00232	1.37	.00202	.695
%RSD	.05836	.35667	.24142	1.8235	.86709	.47237	1.6729

#1	4.2704	18.933	364.31	.12538	156.64	.42708	41.032
#2	4.2739	19.029	363.07	.12865	158.58	.42994	42.014

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	559.15	.85459	19.943	F 323.24	11.852	3.4213	4.4538
Stddev	6.00	.00002	.233	.73	.098	.0094	.0224
%RSD	1.0729	.00276	1.1707	.22576	.83023	.27494	.50197

#1	554.90	.85460	19.778	323.76	11.782	3.4280	4.4380
#2	563.39	.85457	20.108	322.73	11.921	3.4147	4.4696

Sample Name: J4676-01 Acquired: 8/29/2018 12:17:33 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06784	17.73	2.8848	F<00000	F243.22
Stddev	.00193	.01	.0369	.08235	1.36
%RSD	2.8446	.0372	1.2798	.24884	.56065

#1	.06648	17.73	2.8587	-33.034	242.26
#2	.06921	17.74	2.9109	-33.151	244.18

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1611.3	51536.	2896.7	40.515	1968.8
Stddev	8.1	121.	7.6	.535	11.0
%RSD	.50558	.23495	.26313	1.3214	.55814

#1	1605.5	51451.	2902.0	40.894	1961.1
#2	1617.0	51622.	2891.3	40.137	1976.6

Sample Name: J4676-02 Acquired: 8/29/2018 12:21:30 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18687	.06037	.1477	.10700	.48658	231.75	15.785
Stddev	.01035	.00143	.0108	.00917	.01790	1.71	.158
%RSD	5.5373	2.3631	.11762	8.5670	3.6781	.73651	1.0035

#1	.17955	-.05937	9.1553	-.11348	.47392	230.55	15.673
#2	.19418	-.06138	9.1401	-.10052	.49923	232.96	15.897

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02650	.35211	383.65	F 95.499	.82294	134.14	F 1781.4
Stddev	.00019	.00324	3.26	.224	.00166	.56	35.1
%RSD	.72937	.92045	.85055	.23451	.20181	.41975	1.9707

#1	.02636	.35440	381.34	95.341	.82177	133.74	1756.5
#2	.02664	.34982	385.96	95.658	.82412	134.54	1806.2

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.570	75.576	F 180.59	.08955	50.328	.56513	F 46.382
Stddev	.059	.407	.48	.00212	.524	.00283	.693
%RSD	.37686	.53802	.26331	2.3676	1.0412	.49997	1.4942

#1	15.612	75.288	180.25	.08805	49.958	.56313	45.892
#2	15.529	75.863	180.93	.09105	50.699	.56713	46.872

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.371	1.2444	4.4597	34.018	3.3536	3.4104	12.317
Stddev	.405	.0027	.0631	.097	.0304	.0066	.119
%RSD	1.1793	.22017	1.4150	.11525	.90519	.19407	.96298

#1	34.085	1.2424	4.4150	83.949	3.3321	3.4057	12.233
#2	34.658	1.2463	4.5043	84.086	3.3751	3.4151	12.401

Sample Name: J4676-02 Acquired: 8/29/2018 12:21:30 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.30366	27.90	7.1372	F<00000	F198.62
Stddev	.00175	.02	.0180	.57798	4.72
%RSD	.57572	.0849	.25267	.66556	2.3773
#1	.30242	27.92	7.1499	-86.433	195.28
#2	.30489	27.89	7.1244	-87.250	201.96
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1453.6	59948.	3313.2	40.202	1823.5
Stddev	4.5	237.	6.3	.497	2.2
%RSD	.31043	.39450	.18875	1.2370	.12188
#1	1456.8	59781.	3308.8	40.553	1825.1
#2	1450.4	60116.	3317.6	39.850	1821.9

Sample Name: J4676-03 Acquired: 8/29/2018 12:25:41 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01538	.02882	.03900	.07698	5.0922	5.3624	.51749
Stddev	.00365	.00056	.00136	.00495	.0270	.0424	.00079
%RSD	23.753	1.9488	3.4826	6.4288	.52927	.66614	.15195

#1	.01796	.02922	.03804	-.08048	5.0732	6.3324	.51693
#2	.01280	.02842	.03996	-.07348	5.1113	6.3923	.51804

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00618	.01391	12.046	F 213.90	.00406	4.3004	173.38
Stddev	.00006	.00002	.035	.09	.00031	.0267	.19
%RSD	.97869	.16861	.28992	.04438	7.7159	.62184	.10798

#1	.00623	.01393	12.021	213.97	-.00384	4.2815	173.51
#2	.00614	.01390	12.071	213.84	-.00429	4.3193	173.25

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.94161	1.6367	2.3632	.00271	534.56	.01537	1.2316
Stddev	.00273	.0040	.0016	.00025	6.37	.00708	.0136
%RSD	.28940	.24583	.06635	9.2591	1.1911	46.081	1.1050

#1	.94353	1.6395	2.3621	.00253	530.06	-.02038	1.2412
#2	.93968	1.6339	2.3643	.00288	539.06	-.01036	1.2220

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1835.1	.11461	F 196.04	F 1058.2	1.1676	.33796	2.2060
Stddev	4.8	.00017	.80	3.7	.0228	.00090	.0005
%RSD	.26193	.14872	.40609	.35055	1.9557	.26528	.02381

#1	1838.5	.11473	196.60	1060.8	1.1514	-.33860	2.2064
#2	1831.7	.11449	195.47	1055.5	1.1837	-.33733	2.2057

Sample Name: J4676-03 Acquired: 8/29/2018 12:25:41 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08919	1.709	.60511	F<00000	F103.53
Stddev	.00116	.000	.00461	.28788	4.00
%RSD	1.2984	.0103	.76204	4.2762	3.8613

#1	.08837	1.709	.60837	-6.5286	100.70
#2	.09001	1.709	.60185	-6.9357	106.35

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	718.06	50330.	2908.1	45.291	2301.8
Stddev	.52	329.	34.6	.513	9.9
%RSD	.07185	.65371	1.1889	1.1323	.43213

#1	718.42	50097.	2883.6	44.929	2294.8
#2	717.70	50562.	2932.5	45.654	2308.8

Sample Name: J4676-01DLX10 Acquired: 8/29/2018 12:29:57 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00695	.00139	.35475	.00078	.01599	18.500	.65059	.00044
Stddev	.00696	.00236	.00025	.00036	.00023	.042	.00707	.00009
%RSD	100.18	169.94	.06935	46.448	1.4585	.22643	1.0867	20.806

#1	.00203	-.00306	.35457	-.00053	-.01583	18.530	.64559	.00051
#2	.01187	.00028	.35492	-.00104	-.01616	18.470	.65558	.00038

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00374	22.986	1.8654	.02399	19.712	33.592	.45602	2.0077
Stddev	.00016	.298	.0181	.00006	.043	.406	.00639	.0763
%RSD	4.3566	1.2953	.96801	.25112	.21781	.48622	1.4002	3.8001

#1	.00386	22.776	1.8782	.02403	19.682	83.305	.46053	2.0617
#2	.00363	23.197	1.8526	.02394	19.742	83.879	.45150	1.9538

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	36.324	.01184	15.179	.04286	7.2718	55.854	.08149	2.3077
Stddev	.149	.00047	.151	.00043	.0405	.438	.00005	.0066
%RSD	.41066	3.9336	.99565	1.0030	.55620	.78379	.06008	.28687

#1	36.218	.01151	15.072	.04316	7.3004	55.545	.08146	2.3030
#2	36.429	.01217	15.286	.04255	7.2432	56.164	.08153	2.3123

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.342	1.2919	.28762	.45998	.00719	1.354	.29767	<.00000
Stddev	.015	.0030	.00289	.00194	.00128	.002	.00106	.30080
%RSD	.05571	.23551	1.0048	.42230	17.789	.1579	.35586	50.542

#1	26.332	1.2941	.28558	.45861	.00809	1.352	.29692	-.38245
#2	26.353	1.2898	.28967	.46135	.00628	1.355	.29841	-.80786

Sample Name: J4676-01DLX10 Acquired: 8/29/2018 12:29:57 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	39.013
Stddev	1.973
%RSD	5.0572

#1	40.408
#2	37.618

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1921.3	55720.	2877.8	45.765	2835.8
Stddev	3.6	910.	10.3	.433	.4
%RSD	.18930	1.6330	.35710	.94623	.01418

#1	1918.7	55077.	2870.5	45.459	2835.5
#2	1923.9	56364.	2885.1	46.071	2836.1

Sample Name: J4676-02DLX5 Acquired: 8/29/2018 12:33:57 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03473	.00679	1.5945	.00148	.00844	51.581	3.7998
Stddev	.00243	.00002	.0107	.00234	.00232	1.053	.1054
%RSD	6.9940	.25397	.66866	157.43	27.541	2.0419	2.7736

#1	.03645	-.00678	1.5869	.00017	-.00679	50.837	3.7253
#2	.03301	-.00680	1.6020	-.00313	-.01008	52.326	3.8743

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00589	.03953	37.672	26.267	.13666	26.473	390.53
Stddev	.00034	.00014	3.008	.225	.00166	.158	5.28
%RSD	5.8210	.34982	3.0796	.85481	1.2137	.59691	1.3520

#1	.00565	.03962	95.545	26.108	.13549	26.361	386.80
#2	.00613	.03943	99.799	26.426	.13783	26.584	394.27

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.2464	18.783	32.946	.01765	11.441	.14080	21.147
Stddev	.0279	.730	.143	.00010	.313	.00225	.018
%RSD	.65620	3.8876	.43363	.55837	2.7314	1.5995	.08301

#1	4.2267	18.267	32.845	.01758	11.220	.13921	21.135
#2	4.2661	19.300	33.047	.01772	11.662	.14239	21.160

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0644	.23186	1.1485	13.731	.85759	.58612	3.0598
Stddev	.2502	.00108	.0199	.085	.02027	.00801	.0941
%RSD	3.1029	.46672	1.7324	.61648	2.3630	1.3667	3.0765

#1	7.8875	.23110	1.1345	13.671	.84326	.58045	2.9933
#2	8.2414	.23263	1.1626	13.791	.87192	.59178	3.1264

Sample Name: J4676-02DLX5 Acquired: 8/29/2018 12:33:57 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.06996	4.518	1.7696	F<00000	F127.42
Stddev	.00100	.015	.0524	.26241	4.73
%RSD	1.4275	.3346	2.9586	1.6530	3.7102

#1	.06926	4.507	1.7326	-15.689	124.07
#2	.07067	4.529	1.8067	-16.060	130.76

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.6	55812.	2837.0	42.404	2668.1
Stddev	3.6	211.	35.5	.172	.0
%RSD	.19729	.37796	1.2519	.40475	.00073

#1	1830.1	55961.	2862.1	42.282	2668.1
#2	1825.0	55663.	2811.9	42.525	2668.0

Sample Name: J4676-03DLX5 Acquired: 8/29/2018 12:37:48 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01164	.00078	.01491	.00373	.07389	1.2211	.10652	.00112
Stddev	.00278	.00329	.00111	.00151	.00428	.0123	.00152	.00010
%RSD	23.862	423.83	7.4687	40.569	5.7944	1.0101	1.4302	9.3432
#1	.00968	-.00155	.01570	-.00480	.07692	1.2124	.10544	.00105
#2	.01360	.00310	.01412	-.00266	.07086	1.2298	.10759	.00120
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00198	2.6332	53.413	.00003	.42963	36.440	.20556	.35361
Stddev	.00006	.0577	.424	.00031	.00175	.296	.00098	.02307
%RSD	2.8470	2.1896	.79396	1011.5	.40832	.81241	.47526	6.5234
#1	.00202	2.5925	53.114	-.00019	.43087	36.231	.20487	.36992
#2	.00194	2.6740	53.713	.00025	.42839	36.649	.20625	.33730
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.47168	.00119	116.42	.02205	.27196	401.77	.01105	43.067
Stddev	.00056	.00026	1.55	.00131	.00268	4.48	.00018	.570
%RSD	.11825	22.204	1.3336	5.9558	.98534	1.1160	1.6240	1.3224
#1	.47128	.00101	115.33	.02112	.27386	398.60	.01117	42.664
#2	.47207	.00138	117.52	.02298	.27007	404.94	.01092	43.470
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	224.21	.30095	.07372	.46553	.01762	.3083	.12996	1.9305
Stddev	.84	.00024	.00029	.00557	.00007	.0031	.00183	.2402
%RSD	.37306	.07814	.39559	1.1961	.37530	1.020	1.4095	12.444
#1	223.62	.30079	-.07351	.46159	.01758	.3105	.12866	2.1004
#2	224.80	.30112	-.07392	.46947	.01767	.3061	.13125	1.7606

Sample Name: J4676-03DLX5 Acquired: 8/29/2018 12:37:48 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	24.698
Stddev	1.557
%RSD	6.3037

#1	25.799
#2	23.597

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1656.1	52895.	2782.1	44.908	2693.1
Stddev	3.6	31.	9.9	.234	7.6
%RSD	.21949	.05827	.35693	.52212	.28245

#1	1658.7	52917.	2789.1	44.742	2698.5
#2	1653.6	52873.	2775.0	45.074	2687.7

Sample Name: PB112461BL Acquired: 8/29/2018 12:41:54 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00244	.00050	.00031	.00231	.00122	.00493	.00119
Stddev	.00071	.00151	.00033	.00233	.00179	.00317	.00041
%RSD	28.931	302.72	107.36	100.73	147.36	64.387	34.671

#1	.00294	-.00157	.00007	-.00396	-.00005	-.00717	-.00149
#2	.00194	.00057	.00054	-.00067	.00248	-.00268	-.00090

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00014	.02635	.00059	.00016	.00010	.00424
Stddev	.00003	.00009	.01117	.00026	.00011	.00027	.02788
%RSD	24.105	64.898	42.412	43.381	69.637	268.22	657.72

#1	-.00010	.00008	.03425	.00041	-.00008	-.00029	-.01547
#2	-.00014	.00020	.01845	.00077	-.00024	.00009	.02395

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.04272	.00014	.00004	.51771	.00059	.00004
Stddev	.00002	.01947	.00038	.00043	.01206	.00000	.00008
%RSD	167.60	45.580	271.54	954.94	2.3299	.55363	197.33

#1	.00000	-.05649	.00040	.00026	-.50918	-.00059	.00002
#2	.00003	-.02895	-.00013	-.00035	-.52623	-.00059	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04093	.00044	F.10741	.00123	.00476	.00002	.00260
Stddev	.02942	.00020	.00248	.00208	.00094	.00195	.00256
%RSD	71.894	46.219	2.3065	169.50	19.710	10051.	98.490

#1	.02012	-.00030	.10566	-.00024	.00410	.00140	.00441
#2	.06173	-.00059	.10916	.00270	.00542	-.00136	.00079

Sample Name: PB112461BL Acquired: 8/29/2018 12:41:54 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00208	.0013	.00010	F 2.4781	F<00000
Stddev	.00105	.0001	.00003	.2241	.16465
%RSD	50.251	4.213	31.767	9.0445	8.0144

#1	-.00134	-.0013	-.00008	2.6366	-2.1708
#2	-.00282	-.0013	-.00012	2.3196	-1.9380

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.5	57126.	2777.5	45.809	3162.1
Stddev	7.4	229.	1.2	.109	14.3
%RSD	.36912	.40091	.04363	.23856	.45332

#1	2004.2	56964.	2778.3	45.886	3152.0
#2	2014.7	57288.	2776.6	45.732	3172.2

Sample Name: PB112461BS Acquired: 8/29/2018 12:46:00 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74293	1.9084	.92534	1.8565	.73715	1.9376	.20066
Stddev	.00214	.0104	.00071	.0055	.00312	.0114	.00204
%RSD	.28840	.54344	.07726	.29830	.42275	.59022	1.0170

#1	.74141	1.9011	.92584	1.8604	.73494	1.9295	.19922
#2	.74444	1.9157	.92483	1.8526	.73935	1.9457	.20211

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19262	.18082	1.0116	.40040	.18592	.30386	2.9318
Stddev	.00492	.00106	.0061	.01119	.00064	.00212	.0957
%RSD	2.5557	.58705	.60729	2.7935	.34402	.69749	3.2651

#1	.19611	.18006	1.0073	.40831	.18547	.30236	2.8641
#2	.18914	.18157	1.0160	.39249	.18638	.30536	2.9995

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20669	1.9634	.47103	.07143	2.5592	.29735	.20248
Stddev	.00435	.0799	.00274	.00135	.0143	.00752	.00407
%RSD	2.1044	4.0674	.58156	1.8858	.55965	2.5279	2.0099

#1	.20976	1.9070	.46909	.07238	2.5491	.30266	.19960
#2	.20361	2.0199	.47296	.07047	2.5694	.29203	.20535

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.078	.40137	F .38960	F .00337	.93402	.65491	.19971
Stddev	.036	.00048	.01147	.00390	.00951	.00329	.00286
%RSD	.35972	.11911	2.9428	115.72	1.0185	.50302	1.4306

#1	10.052	.40104	.38149	-.00061	.94074	.65258	.19769
#2	10.103	.40171	.39771	-.00613	.92729	.65724	.20173

Sample Name: PB112461BS Acquired: 8/29/2018 12:46:00 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19287	5.230	.20780	F2.8704	F<00000
Stddev	.00180	.021	.00153	.2815	.14448
%RSD	.93541	.3931	.73614	9.8060	14.642

#1	.19160	5.215	.20672	3.0694	-1.0890
#2	.19415	5.244	.20888	2.6714	-.88463

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1968.0	54905.	2720.4	45.061	3051.8
Stddev	12.9	1417.	12.6	.505	17.4
%RSD	.65797	2.5798	.46207	1.1198	.56860

#1	1958.8	53904.	2711.5	45.418	3039.5
#2	1977.1	55907.	2729.3	44.705	3064.1

Sample Name: J4663-01 Acquired: 8/29/2018 12:49:55 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07758	.01442	.90606	.00714	.00143	224.53	1.3535
Stddev	.00123	.00068	.00511	.00670	.00002	3.07	.0160
%RSD	1.5839	4.7491	.56380	93.779	1.1937	1.3682	1.1841

#1	.07671	-.01394	.90245	.00241	-.00145	222.35	1.3422
#2	.07845	-.01490	.90967	.01188	-.00142	226.70	1.3648

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00674	.01278	138.24	.22724	.16748	1.1280	306.66
Stddev	.00001	.00057	2.03	.00222	.00006	.0026	4.77
%RSD	.15288	4.4340	1.4702	.97848	.03391	.22579	1.5564

#1	.00674	.01318	136.81	.22567	.16752	1.1298	303.29
#2	.00673	.01238	139.68	.22881	.16744	1.1262	310.04

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7606	33.962	.31239	.00929	27.389	.78826	1.8277
Stddev	.0080	1.412	.00043	.00051	.347	.00001	.0127
%RSD	.28881	1.6818	.13862	5.5215	1.2683	.00147	.69268

#1	2.7549	82.964	.31209	.00892	27.144	.78826	1.8187
#2	2.7662	84.961	.31270	.00965	27.635	.78825	1.8366

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.082	.00869	.20978	3.7287	4.1724	.16400	4.2726
Stddev	.256	.00060	.00191	.0038	.0248	.00084	.0516
%RSD	1.5012	6.9428	.91108	.10085	.59385	.51436	1.2074

#1	16.901	.00827	.20843	3.7314	4.1549	.16460	4.2361
#2	17.263	.00912	.21113	3.7261	4.1899	.16341	4.3091

Sample Name: J4663-01 Acquired: 8/29/2018 12:49:55 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16336	10.95	.60522	F<00000	F106.21
Stddev	.00445	.00	.01065	.30303	.02
%RSD	2.7223	.0148	1.7589	1.9055	.01609
#1	.16022	10.95	.59769	-16.117	106.23
#2	.16651	10.95	.61275	-15.688	106.20
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2126.5	59994.	3157.2	45.593	2574.3
Stddev	6.1	45.	13.3	.240	9.4
%RSD	.28453	.07515	.42156	.52728	.36406
#1	2122.2	60026.	3166.6	45.763	2567.6
#2	2130.8	59962.	3147.8	45.423	2580.9

Sample Name: J4663-01DUP Acquired: 8/29/2018 12:53:53 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07931	.01210	.89616	.00790	.00272	225.76	1.3593
Stddev	.00515	.00142	.00370	.00312	.00003	2.60	.0266
%RSD	6.4927	11.699	.41256	39.498	1.1048	1.1505	1.9565

#1	.08296	-.01110	.89355	.01011	.00274	223.92	1.3405
#2	.07567	-.01310	.89878	.00570	.00270	227.59	1.3781

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00680	.01238	140.32	.22708	.16792	1.1272	313.48
Stddev	.00025	.00063	2.62	.00027	.00024	.0027	6.42
%RSD	3.6244	5.0933	1.8683	.11925	.14494	.23673	2.0488

#1	.00697	.01194	138.46	.22727	.16809	1.1253	318.03
#2	.00662	.01283	142.17	.22689	.16775	1.1291	308.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7609	34.651	.31270	.00993	27.742	.79252	1.8480
Stddev	.0020	1.504	.00136	.00052	.497	.00176	.0629
%RSD	.07407	1.7773	.43378	5.2581	1.7901	.22271	3.4040

#1	2.7623	83.587	.31174	.01030	27.391	.79377	1.8924
#2	2.7594	85.715	.31366	.00956	28.093	.79127	1.8035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.186	.00909	.21094	3.7456	4.1107	.16154	4.2931
Stddev	.250	.00039	.02082	.0105	.0099	.00336	.0311
%RSD	1.4535	4.2608	9.8707	.28064	.23981	2.0774	.72326

#1	17.010	.00881	.22566	3.7381	4.1037	.15917	4.2711
#2	17.363	.00936	.19621	3.7530	4.1177	.16391	4.3150

Sample Name: J4663-01DUP Acquired: 8/29/2018 12:53:53 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16480	10.94	.60901	F<00000	F108.87
Stddev	.00017	.02	.00799	.69314	4.36
%RSD	.10516	.2111	1.3113	4.3409	4.0027

#1	.16492	10.93	.60336	-16.458	111.95
#2	.16468	10.96	.61465	-15.478	105.79

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2112.6	59812.	3135.7	44.707	2559.7
Stddev	2.7	23.	11.4	1.595	7.2
%RSD	.12899	.03800	.36244	3.5689	.28191

#1	2114.6	59796.	3143.7	43.579	2564.8
#2	2110.7	59828.	3127.6	45.835	2554.6

Sample Name: CCV02 Acquired: 8/29/2018 12:57:53 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8693	4.8896	4.8519	4.8612	4.8483	9.9427	9.8548	2.4531
Stddev	.0086	.0154	.0168	.0142	.0131	.2295	.1182	.00140
%RSD	.17625	.31543	.34613	.29240	.27038	2.3079	1.1994	.57181

#1	4.8633	4.8787	4.8400	4.8712	4.8390	9.7804	9.7712	2.4432
#2	4.8754	4.9005	4.8637	4.8511	4.8575	10.105	9.9383	2.4631

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3817	24.842	96900	2.3925	1.2330	4.8946	2.4754	24.430
Stddev	.0075	.697	.00360	.0047	.0043	.3983	.0032	.646
%RSD	.31572	2.8067	.37166	.19468	.35036	8.1373	.12740	2.6462

#1	2.3763	24.349	97155	2.3892	1.2299	4.6130	2.4732	23.973
#2	2.3870	25.335	96645	2.3957	1.2360	5.1762	2.4776	24.887

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4089	1.2202	24.857	2.4559	2.5154	25.463	4.9608	5.0874
Stddev	.0105	.0025	.305	.0032	.1727	.564	.0107	.1193
%RSD	.43524	.20451	1.2288	.13056	6.8656	2.2167	.21498	2.3448

#1	2.4015	1.2220	24.641	2.4537	2.3932	25.064	4.9533	5.0030
#2	2.4163	1.2185	25.073	2.4582	2.6375	25.862	4.9684	5.1717

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8016	5.1307	4.8527	4.8889	4.9831	4.937	5.1723	4.6043
Stddev	.0197	.0090	.0104	.1148	.0582	.022	.0657	.5607
%RSD	.40941	.17606	.21433	2.3486	1.1681	.4381	1.2704	12.177

#1	4.7877	5.1243	4.8453	4.8077	4.9419	4.922	5.1259	4.2078
#2	4.8155	5.1370	4.8601	4.9701	5.0242	4.952	5.2188	5.0008

Sample Name: CCV02 Acquired: 8/29/2018 12:57:53 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.9398
Stddev 1.1339
%RSD 28.781

#1 4.7417
#2 3.1380

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1933.5	54480.	2754.8	44.061	2829.6
Stddev	1.8	6.	1.5	2.858	1.1
%RSD	.09153	.01097	.05281	6.4855	.03720

#1	1932.3	54484.	2753.8	46.082	2828.9
#2	1934.8	54476.	2755.9	42.040	2830.3

Sample Name: CCB02 Acquired: 8/29/2018 13:01:40 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	.00024	.00235	.00218	.00045	.00777	.00115
Stddev	.00178	.00068	.00009	.00075	.00324	.02657	.00055
%RSD	235.43	283.26	3.7918	34.258	724.75	342.04	47.746

#1	.00050	.00072	.00228	-.00166	.00185	-.02655	-.00154
#2	-.00202	-.00024	.00241	-.00271	-.00274	.01102	-.00076

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00011	.01645	.00018	.00004	.00042	.01044
Stddev	.00002	.00001	.00383	.00012	.00000	.00031	.00149
%RSD	16.948	11.001	23.275	70.258	9.9186	74.134	14.242

#1	-.00013	.00010	.01374	.00026	-.00004	.00063	.01149
#2	-.00017	.00012	.01916	.00009	-.00004	.00020	.00938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.01722	.00014	.00002	.55729	.00030	.00003
Stddev	.00005	.00843	.00041	.00023	.01413	.00000	.00005
%RSD	81.521	48.976	295.95	1277.1	2.5355	1.3002	174.06

#1	.00003	.01125	.00042	.00014	-.54729	-.00030	.00007
#2	.00009	.02318	-.00015	-.00018	-.56728	-.00029	-.00001

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02030	.00005	F.05342	.00631	.00923	.00093	.00171
Stddev	.01922	.00001	.00033	.00099	.00011	.00057	.00028
%RSD	94.698	25.149	.61248	15.650	1.1917	61.717	16.573

#1	-.03390	.00005	.05365	-.00700	.00931	-.00133	.00151
#2	-.00671	.00004	.05319	-.00561	.00915	-.00052	.00191

Sample Name: CCB02 Acquired: 8/29/2018 13:01:40 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00266	.0012	.00002	F 2.7599	F<00000
Stddev	.00001	.0026	.00005	.0225	.35861
%RSD	.34594	223.5	225.63	.81555	42.602

#1	-.00267	.0007	.00001	2.7758	-.58820
#2	-.00265	-.0030	-.00006	2.7440	-1.0954

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.6	56242.	2723.9	45.584	3133.6
Stddev	4.9	96.	3.1	.068	10.9
%RSD	.24610	.17087	.11493	.14807	.34746

#1	1994.1	56174.	2721.7	45.536	3141.3
#2	1987.2	56310.	2726.1	45.632	3125.9

Sample Name: J4663-01LX5 Acquired: 8/29/2018 13:05:47 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01782	.00042	.18455	.00137	.00031	48.701	.30533	.00140
Stddev	.00097	.00087	.00078	.00608	.00208	.658	.00438	.00001
%RSD	5.4244	206.07	.42287	444.82	665.51	1.3506	1.4333	.52381

#1	.01713	.00019	.18400	-.00293	-.00178	48.236	.30224	.00140
#2	.01850	-.00104	.18510	.00567	.00116	49.166	.30843	.00141

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	32.409	.05690	.03313	.27203	36.725	.64635	19.149
Stddev	.00004	.283	.00060	.00031	.00078	.403	.00016	.182
%RSD	3.2554	.87244	1.0592	.94239	.28632	.60445	.02460	.95261

#1	.00110	32.210	.05733	.03291	.27148	66.440	.64646	19.020
#2	.00115	32.609	.05648	.03336	.27258	67.010	.64624	19.278

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06426	.00159	5.7074	.18018	.40672	3.6829	.00223	.07458
Stddev	.00028	.00049	.0355	.00115	.00261	.0786	.00005	.00949
%RSD	.43986	30.687	.62235	.63623	.64164	2.1332	2.3847	12.718

#1	.06446	.00125	5.6823	.17937	.40857	3.6273	.00219	.06787
#2	.06406	.00194	5.7325	.18099	.40488	3.7384	.00227	.08129

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70873	.96220	.03049	.97900	.03303	2.117	.13915	<.00000
Stddev	.00627	.01697	.00028	.00172	.00102	.004	.00017	.47095
%RSD	.88444	1.7638	.90213	.17524	3.1031	.2108	.12237	1407.1

#1	.70430	.95020	.03069	.98021	.03230	2.120	.13903	.29954
#2	.71316	.97420	.03030	.97778	.03375	2.113	.13927	-.36648

Sample Name: J4663-01LX5 Acquired: 8/29/2018 13:05:47 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	29.144
Stddev	1.445
%RSD	4.9584

#1	28.122
#2	30.165

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.9	56515.	2833.4	44.770	2897.2
Stddev	7.5	17.	17.5	.441	11.8
%RSD	.37485	.03031	.61728	.98490	.40723

#1	2006.6	56503.	2821.1	44.459	2888.9
#2	2017.2	56527.	2845.8	45.082	2905.6

Sample Name: J4663-01MS Acquired: 8/29/2018 13:09:47 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81677	2.0797	1.9219	1.8310	.72535	223.27	1.5397
Stddev	.00090	.0014	.0136	.0083	.00095	2.10	.0211
%RSD	.11027	.06606	.70729	.45088	.13081	.94164	1.3710

#1	.81741	2.0787	1.9123	1.8369	.72468	221.78	1.5248
#2	.81614	2.0806	1.9315	1.8252	.72602	224.76	1.5546

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20202	.21993	140.75	.59010	.37944	1.3701	324.16
Stddev	.00027	.00145	1.95	.00073	.00014	.0058	4.53
%RSD	.13255	.65912	1.3868	.12450	.03708	.42281	1.3986

#1	.20183	.21891	139.37	.58958	.37934	1.3660	327.37
#2	.20221	.22096	142.13	.59062	.37954	1.3742	320.96

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8799	36.092	.84405	.08363	30.598	1.0451	2.0992
Stddev	.0022	1.272	.00110	.00041	.374	.0018	.0429
%RSD	.07779	1.4770	.13034	.48578	1.2236	.17614	2.0423

#1	2.8815	85.193	.84328	.08392	30.333	1.0438	2.1295
#2	2.8783	86.991	.84483	.08335	30.862	1.0464	2.0688

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.480	.38719	.51315	3.6598	4.9761	.91279	4.4608
Stddev	.424	.00067	.01552	.0180	.0200	.00401	.0506
%RSD	1.5414	.17367	3.0251	.49201	.40185	.43974	1.1334

#1	27.180	.38671	.50217	3.6471	4.9902	.90995	4.4251
#2	27.779	.38766	.52412	3.6725	4.9619	.91562	4.4966

Sample Name: J4663-01MS Acquired: 8/29/2018 13:09:47 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36412	17.03	.80971	F<00000	F106.53
Stddev	.00402	.01	.00757	.18556	4.22
%RSD	1.1050	.0757	.93548	1.1865	3.9587

#1	.36127	17.02	.80435	-15.508	103.54
#2	.36696	17.04	.81507	-15.771	109.51

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.3	59708.	3084.5	42.786	2551.7
Stddev	8.7	52.	8.3	1.018	7.0
%RSD	.41543	.08640	.26747	2.3788	.27527

#1	2096.1	59744.	3090.4	42.066	2546.7
#2	2108.5	59671.	3078.7	43.505	2556.6

Sample Name: J4663-01MSD Acquired: 8/29/2018 13:13:45 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80303	2.0414	1.8841	1.7972	.71048	219.11	1.5241
Stddev	.00831	.0028	.0073	.0092	.00405	2.59	.0095
%RSD	1.0343	.13772	.38703	.51293	.57060	1.1819	.62638

#1	.79716	2.0394	1.8790	1.7907	.70761	217.28	1.5174
#2	.80891	2.0434	1.8893	1.8038	.71334	220.94	1.5309

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19905	.21541	138.72	.58122	.37035	1.3486	312.04
Stddev	.00003	.00012	.51	.00156	.00066	.0005	5.50
%RSD	.01626	.05551	.36828	.26905	.17933	.04006	1.7613

#1	.19903	.21550	138.36	.58233	.36988	1.3490	308.15
#2	.19908	.21533	139.08	.58011	.37082	1.3482	315.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8367	34.771	.82845	.08265	30.244	1.0328	2.0210
Stddev	.0006	.605	.00231	.00052	.208	.0018	.0114
%RSD	.02104	.71373	.27939	.62429	.68642	.17211	.56186

#1	2.8371	84.343	.82681	.08228	30.097	1.0315	2.0130
#2	2.8362	85.198	.83008	.08301	30.391	1.0340	2.0291

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.281	.38053	.48747	3.5889	4.9374	.89654	4.3949
Stddev	.101	.00072	.00705	.0147	.0023	.00210	.0209
%RSD	.36910	.18998	1.4465	.40815	.04640	.23404	.47454

#1	27.210	.38104	.48249	3.5785	4.9390	.89506	4.3801
#2	27.353	.38002	.49246	3.5992	4.9358	.89803	4.4096

Sample Name: J4663-01MSD Acquired: 8/29/2018 13:13:45 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.35885	16.71	.79784	F<00000	F104.74
Stddev	.00210	.07	.00296	.08184	1.82
%RSD	.58572	.4025	.37130	.51495	1.7339

#1	.35737	16.66	.79575	-15.836	103.45
#2	.36034	16.75	.79994	-15.951	106.02

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.2	50412.	3109.3	44.180	2593.2
Stddev	2.5	133.	22.6	.114	6.1
%RSD	.11704	.22076	.72778	.25850	.23393

#1	2133.0	60318.	3093.3	44.261	2597.4
#2	2129.4	60506.	3125.3	44.099	2588.9

Sample Name: J4663-01A Acquired: 8/29/2018 13:17:42 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81043	2.0777	1.9205	1.8283	.72546	223.21	1.5418
Stddev	.00127	.0033	.0043	.0077	.00253	1.53	.0218
%RSD	.15674	.15784	.22343	.42336	.34872	.68464	1.4146

#1	.81133	2.0753	1.9235	1.8337	.72725	222.13	1.5264
#2	.80953	2.0800	1.9174	1.8228	.72367	224.29	1.5573

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20278	.22021	140.35	.59290	.37754	1.3750	308.41
Stddev	.00046	.00047	2.12	.00188	.00070	.0021	6.59
%RSD	.22629	.21221	1.5119	.31630	.18558	.15273	2.1366

#1	.20246	.22054	138.85	.59422	.37804	1.3765	303.75
#2	.20311	.21988	141.85	.59157	.37705	1.3735	313.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.8891	36.283	.84155	.08150	30.618	1.0477	2.0033
Stddev	.0078	1.502	.00012	.00073	.362	.0001	.0260
%RSD	.26925	1.7404	.01466	.89439	1.1811	.00897	1.2957

#1	2.8946	85.221	.84164	.08098	30.362	1.0478	1.9849
#2	2.8836	87.345	.84146	.08201	30.873	1.0476	2.0216

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.567	.38665	.48527	3.6521	4.9327	.91001	4.4376
Stddev	.391	.00089	.00397	.0173	.0373	.00131	.0692
%RSD	1.4181	.22970	.81746	.47331	.75551	.14371	1.5592

#1	27.291	.38728	.48807	3.6643	4.9064	.91093	4.3887
#2	27.843	.38602	.48246	3.6399	4.9591	.90908	4.4866

Sample Name: J4663-01A Acquired: 8/29/2018 13:17:42 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.36533	16.98	.80876	F<00000	F106.05
Stddev	.00164	.09	.01365	.26748	4.22
%RSD	.44963	.5324	1.6874	1.7592	3.9839
#1	.36417	17.05	.79911	-15.016	103.06
#2	.36650	16.92	.81841	-15.394	109.03
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2105.2	59235.	3057.7	44.582	2553.6
Stddev	8.4	88.	23.2	.476	11.0
%RSD	.40029	.14901	.75843	1.0671	.43240
#1	2099.3	59173.	3074.1	44.919	2545.8
#2	2111.2	59298.	3041.3	44.246	2561.4

Sample Name: J4652-04DLX10 Acquired: 8/29/2018 13:21:40 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14847	.00885	5.3192	.01074	.01888	96.150	2.4155
Stddev	.00134	.00195	.0050	.00128	.00116	1.104	.0071
%RSD	.90007	21.996	.09307	11.936	6.1186	1.1485	.29324

#1	.14752	-.00748	5.3157	.00984	.01806	95.369	2.4205
#2	.14941	-.01023	5.3227	.01165	.01970	96.931	2.4105

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01219	.02307	31.742	.34347	.12595	1.5259	194.54
Stddev	.00021	.00041	.208	.00270	.00051	.0042	3.42
%RSD	1.6903	1.7806	.33667	.78618	.40528	.27595	1.7584

#1	.01205	.02336	61.595	.34156	.12559	1.5288	192.12
#2	.01234	.02278	61.889	.34538	.12631	1.5229	196.96

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5440	35.840	.40637	.02609	7.1690	.50446	3.8000
Stddev	.0053	.021	.00033	.00015	.0904	.00085	.0392
%RSD	.20947	.05822	.08116	.57129	1.2602	.16823	1.0318

#1	2.5403	35.826	.40614	.02598	7.2329	.50386	3.7723
#2	2.5478	35.855	.40660	.02619	7.1052	.50506	3.8277

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.900	.01384	.19133	9.3235	15.206	.48134	4.4248
Stddev	.031	.00020	.00496	.0034	.066	.00051	.0023
%RSD	.18287	1.4530	2.5946	.03657	.43125	.10572	.05131

#1	16.922	.01398	.19484	9.3259	15.252	.48170	4.4264
#2	16.878	.01370	.18782	9.3211	15.159	.48098	4.4232

Sample Name: J4652-04DLX10 Acquired: 8/29/2018 13:21:40 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12956	3.112	.77071	F<00000	73.605
Stddev	.00094	.000	.00007	.24644	1.147
%RSD	.72488	.0032	.00878	2.4352	1.5588
#1	.13023	8.112	.77066	-10.294	72.793
#2	.12890	8.112	.77075	-9.9458	74.416
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2241.9	32852.	3223.4	45.731	2700.3
Stddev	20.3	105.	38.9	.314	19.8
%RSD	.90445	.16629	1.2076	.68707	.73328
#1	2227.5	62778.	3195.8	45.953	2686.3
#2	2256.2	62926.	3250.9	45.509	2714.3

Sample Name: J4661-02 Acquired: 8/29/2018 13:25:35 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12684	.01448	.7165	.01124	.01179	115.49	2.0878
Stddev	.00221	.00163	.0054	.00518	.00187	.98	.0118
%RSD	1.7437	11.230	.05559	46.095	15.858	.84489	.56632

#1	.12527	-.01563	9.7127	.00757	.01311	114.80	2.0795
#2	.12840	-.01333	9.7203	.01490	.01047	116.18	2.0962

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00885	.04735	351.35	.84368	.12283	3.3099	428.21
Stddev	.00031	.00196	3.42	.00440	.00024	.0197	12.54
%RSD	3.4879	4.1424	.52570	.52206	.19625	.23689	2.9292

#1	.00863	.04874	648.93	.84057	.12266	8.3239	419.34
#2	.00906	.04596	653.77	.84680	.12300	8.2960	437.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.3041	332.67	.59006	.02069	2.7532	.79330	37.558
Stddev	.0093	2.02	.00098	.00089	.0200	.00735	.724
%RSD	.21544	.60640	.16680	4.3078	.72685	.92713	1.9276

#1	4.2976	331.24	.58936	.02006	2.7391	.78810	37.046
#2	4.3107	334.09	.59075	.02132	2.7674	.79850	38.070

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.738	.02325	.31350	13.744	1.9111	.16767	3.5875
Stddev	.055	.00084	.02066	.058	.0148	.00046	.0220
%RSD	.34627	3.6263	6.5903	.42541	.77558	.27519	.61283

#1	15.700	.02265	.29889	13.702	1.9216	.16734	3.5719
#2	15.777	.02385	.32811	13.785	1.9006	.16799	3.6030

Sample Name: J4661-02 Acquired: 8/29/2018 13:25:35 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12855	11.44	1.9908	F<00000	F130.55
Stddev	.00289	.04	.0046	.72159	2.83
%RSD	2.2491	.3513	.23215	7.5240	2.1653

#1	.12650	11.41	1.9876	-9.0804	132.55
#2	.13059	11.46	1.9941	-10.101	128.55

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2136.6	62346.	3379.1	40.026	2237.6
Stddev	7.3	41.	19.4	.699	4.8
%RSD	.34091	.06598	.57393	1.7468	.21452

#1	2131.5	62375.	3365.4	40.520	2234.2
#2	2141.8	62317.	3392.8	39.531	2241.0

Sample Name: J4610-01 Acquired: 8/29/2018 13:29:28 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00099	.00029	.00222	.00328	.00504	.05930	.02148	.00004
Stddev	.00120	.00069	.00145	.00144	.00020	.01284	.00087	.00010
%RSD	121.71	235.80	65.374	43.830	4.0558	21.650	4.0325	254.90

#1	.00014	-.00020	.00119	.00430	-.00518	.05022	.02087	-.00011
#2	.00184	.00078	.00325	.00227	-.00489	.06837	.02210	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	100.97	.00230	.00016	.00197	.00484	.05139	272.37
Stddev	.00010	.30	.00114	.00038	.00063	.00377	.00051	.91
%RSD	68.839	.29610	49.792	241.03	31.745	77.877	.98316	.33506

#1	-.00007	100.76	.00310	.00011	.00242	.00218	.05103	271.73
#2	-.00021	101.18	.00149	-.00043	.00153	.00751	.05175	273.02

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00217	.00010	2132.0	.00101	.00258	36.763	.00223	.95849
Stddev	.00041	.00041	7.0	.00003	.00002	.308	.00039	.02356
%RSD	18.960	387.02	.33037	3.4369	.69623	.31826	17.347	2.4584

#1	.00188	-.00018	2127.0	.00104	.00257	96.546	.00250	.94183
#2	.00246	.00039	2137.0	.00099	.00259	96.981	.00195	.97515

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	212.02	1.0204	.07754	.00077	.03865	.1166	1.7121	7.2944
Stddev	.51	.0104	.00024	.00008	.00107	.0012	.0032	.1059
%RSD	.23946	1.0161	.31347	10.784	2.7727	.9887	.18913	1.4521

#1	212.38	1.0131	-.07771	-.00083	.03940	.1157	1.7144	7.2195
#2	211.66	1.0277	-.07737	-.00071	.03789	.1174	1.7098	7.3693

Sample Name: J4610-01 Acquired: 8/29/2018 13:29:28 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.449
Stddev	.675
%RSD	5.0166

#1	12.972
#2	13.926

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.4	48148.	2758.7	46.040	2345.7
Stddev	1.6	82.	4.1	.604	2.9
%RSD	.09244	.17115	.14705	1.3111	.12224

#1	1759.2	48207.	2761.6	45.613	2343.6
#2	1761.5	48090.	2755.8	46.467	2347.7

Sample Name: J4610-01DUP Acquired: 8/29/2018 13:33:36 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00594	.00064	-.00005	.00627	-.00404	.04927	.02132	.00001
Stddev	.00296	.00414	.00110	.00340	.00286	.01609	.00011	.00021
%RSD	49.819	646.65	2081.5	54.218	70.713	32.658	.49937	1877.6

#1	.00803	.00356	-.00083	.00386	-.00202	.06065	.02124	.00016
#2	.00385	-.00228	.00073	.00867	-.00606	.03790	.02139	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	101.18	.00156	-.00023	.00110	-.00621	.05067	272.12
Stddev	.00002	.31	.00060	.00018	.00079	.00337	.00019	.79
%RSD	19.254	.30593	38.391	79.568	72.206	54.247	.38067	.29123

#1	-.00011	100.96	.00114	-.00010	.00054	-.00860	.05081	272.68
#2	-.00014	101.39	.00198	-.00036	.00166	-.00383	.05053	271.55

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00245	-.00039	2043.7	.00130	.00232	36.705	.00266	.94920
Stddev	.00051	.00017	1.8	.00008	.00006	.091	.00042	.00100
%RSD	21.000	43.427	.08638	6.3487	2.7919	.09446	15.953	.10547

#1	.00209	-.00027	2045.0	.00136	.00236	96.640	.00296	.94991
#2	.00281	-.00051	2042.5	.00124	.00227	96.770	.00236	.94849

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	213.05	1.0005	-.08011	-.00353	.03842	.1167	1.7242	7.1703
Stddev	.89	.0144	.00018	.00025	.00103	.0031	.0031	.0268
%RSD	.41881	1.4367	.21881	7.0297	2.6855	2.686	.17866	.37362

#1	212.42	.99029	-.07998	-.00371	.03915	.1145	1.7264	7.1513
#2	213.68	1.0106	-.08023	-.00336	.03769	.1189	1.7221	7.1892

Sample Name: J4610-01DUP Acquired: 8/29/2018 13:33:36 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.579
Stddev	.313
%RSD	2.0078

#1	15.800
#2	15.357

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1746.3	48280.	2768.5	45.937	2323.7
Stddev	6.7	57.	15.6	.875	7.2
%RSD	.38596	.11746	.56356	1.9041	.30815

#1	1751.1	48320.	2779.5	46.555	2328.7
#2	1741.5	48240.	2757.5	45.318	2318.6

Sample Name: J4610-01LX5 Acquired: 8/29/2018 13:37:44 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00080	.00065	.00003	.00333	.00351	.00318	.00068	.00004
Stddev	.00172	.00038	.00066	.00167	.00083	.01802	.00004	.00001
%RSD	216.10	58.893	2029.1	50.137	23.517	567.43	5.6164	29.927

#1	-.00042	-.00092	-.00050	.00215	-.00293	.01592	.00065	-.00005
#2	.00201	-.00038	.00043	.00451	-.00409	-.00957	.00071	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	13.203	.00042	.00034	.00108	.00911	.00806	33.611
Stddev	.00001	1.142	.00111	.00027	.00043	.02174	.00042	2.980
%RSD	41.624	8.6482	266.34	79.361	40.074	238.61	5.2379	8.8651

#1	.00002	12.396	-.00037	-.00015	.00138	.02449	.00776	31.505
#2	.00003	14.010	.00120	-.00052	.00077	-.00626	.00836	35.718

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	.00050	262.92	.00002	.00040	11.797	.00008	.15230
Stddev	.00025	.00014	20.06	.00063	.00020	.843	.00009	.01599
%RSD	54.294	28.621	7.6316	3383.1	50.577	7.1445	100.80	10.501

#1	.00064	-.00060	248.74	-.00042	.00026	11.201	.00002	.14099
#2	.00028	-.00040	277.11	.00046	.00054	12.393	.00014	.16361

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.368	.16406	.01343	.00358	.01628	.0147	.22464	4.8932
Stddev	1.985	.00742	.00047	.00221	.00044	.0028	.01753	.0522
%RSD	5.6116	4.5215	3.5253	61.864	2.7321	18.73	7.8045	1.0664

#1	33.965	.15882	-.01310	.00514	.01659	.0128	.21225	4.9301
#2	36.772	.16931	-.01377	.00201	.01596	.0167	.23704	4.8563

Sample Name: J4610-01LX5 Acquired: 8/29/2018 13:37:44 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	4.4631
Stddev	2.3349
%RSD	52.316

#1	2.8121
#2	6.1141

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1893.2	52896.	2787.7	47.243	2705.3
Stddev	6.0	97.	14.2	1.540	.3
%RSD	.31891	.18394	.50776	3.2588	.01149

#1	1889.0	52827.	2797.7	48.332	2705.1
#2	1897.5	52964.	2777.7	46.155	2705.6

Sample Name: J4610-01MS Acquired: 8/29/2018 13:41:54 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91774	2.0192	1.0630	2.2894	.85524	2.5607	24773	25368	21515
Stddev	.00476	.0076	.0021	.0013	.00632	.0054	.00047	.00068	.00017
%RSD	.51841	.37485	.19561	.05475	.73939	.21064	.19106	.26808	.07997

#1	.91437	2.0138	1.0644	2.2885	.85077	2.5568	24739	25417	21503
#2	.92110	2.0245	1.0615	2.2902	.85972	2.5645	24806	25320	21527

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	101.37	42882	21676	30553	3.2239	26660	271.95	54488	9187
Stddev	.15	.00139	.00058	.00209	.1777	.00040	.20	.00267	.00069
%RSD	.14640	.32486	.26790	.68441	5.5114	.14927	.07180	.49057	.74707

#1	101.47	42980	21635	30405	3.3495	26632	272.09	54299	9139
#2	101.26	42783	21717	30701	3.0982	26688	271.81	54677	9236

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2019.6	33268	22135	108.23	42272	1.2807	207.62	2.0232	70403
Stddev	26.4	.00077	.01167	.23	.00156	.0154	.83	.0018	.00377
%RSD	1.3052	.23104	5.2725	.21711	.36856	1.1995	.40093	.09095	.53538

#1	2038.2	33214	22960	108.39	42162	1.2698	207.03	2.0219	70137
#2	2000.9	33323	21310	108.06	42382	1.2915	208.21	2.0245	70670

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21528	27735	7.991	1.9356	3.9387	16.643
Stddev	.00092	.00214	.026	.0048	.0586	1.433
%RSD	.42560	.77226	.3276	.24620	.84454	8.6108

#1	21463	27583	7.973	1.9322	6.9802	15.629
#2	21593	27886	8.010	1.9389	6.8973	17.656

Sample Name: J4610-01MS Acquired: 8/29/2018 13:41:54 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1773.0	48800.	2726.8	44.498	2343.6
Stddev	5.6	34.	7.8	2.341	3.2
%RSD	.31541	.06986	.28768	5.2613	.13728
#1	1776.9	48824.	2721.3	42.842	2345.8
#2	1769.0	48776.	2732.4	46.153	2341.3

Sample Name: CCV03 Acquired: 8/29/2018 13:45:52 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8417	4.8743	4.8098	4.8324	4.8129	10.003	9.8690	24052
Stddev	.0293	.0211	.0076	.0191	.0193	.011	.1104	.00113
%RSD	.60544	.43218	.15722	.39473	.40022	.10891	1.1188	.47067
#1	4.8624	4.8892	4.8151	4.8459	4.8265	9.9954	9.7909	23972
#2	4.8210	4.8594	4.8044	4.8189	4.7992	10.011	9.9471	24132
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3522	25.104	95156	2.3679	1.2244	4.8505	2.4297	24.401
Stddev	.0025	.607	.00013	.0054	.0037	.1501	.0112	.303
%RSD	.10648	2.4199	.01401	.22705	.29943	3.0948	.46266	1.2433
#1	2.3540	24.674	95147	2.3717	1.2270	4.7444	2.4218	24.186
#2	2.3505	25.534	95165	2.3641	1.2219	4.9567	2.4377	24.615
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3864	1.2098	24.725	2.4231	2.4330	25.977	4.9522	5.1045
Stddev	.0102	.0004	.287	.0094	.0649	.252	.0154	.0433
%RSD	.42643	.02858	1.1591	.38862	2.6695	.97062	.31008	.84746
#1	2.3935	1.2095	24.522	2.4165	2.3871	25.799	4.9630	5.0739
#2	2.3792	1.2100	24.928	2.4298	2.4789	26.156	4.9413	5.1351
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7504	5.1107	4.8183	4.8856	4.9479	4.910	5.1905	F 4.3116
Stddev	.0141	.0520	.0068	.0732	.0444	.021	.0341	.0313
%RSD	.29787	1.0174	.14025	1.4993	.89703	.4362	.65711	.72486
#1	4.7604	5.0739	4.8231	4.8338	4.9165	4.925	5.1663	4.2895
#2	4.7404	5.1475	4.8135	4.9374	4.9793	4.895	5.2146	4.3337

Sample Name: CCV03 Acquired: 8/29/2018 13:45:52 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0094
Stddev	2.1334
%RSD	106.17

#1	.50082
#2	3.5179

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.1	55057.	2793.3	45.235	2844.1
Stddev	12.4	33.	16.4	1.081	15.7
%RSD	.63927	.06019	.58607	2.3899	.55208

#1	1933.4	55081.	2804.9	45.999	2833.0
#2	1950.9	55034.	2781.8	44.470	2855.2

Sample Name: CCB03 Acquired: 8/29/2018 13:49:39 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	.00094	.00059	.00175	.00030	.00019	.00141	.00005
Stddev	.00312	.00103	.00003	.00253	.00127	.00047	.00009	.00010
%RSD	736.91	110.37	5.1285	143.90	428.67	251.29	6.4075	218.12

#1	-.00263	.00167	-.00061	.00003	-.00119	.00015	-.00147	-.00012
#2	.00178	.00021	-.00057	-.00354	.00060	-.00052	-.00135	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.01249	.00016	.00011	.00049	.00194	.00002	.03470
Stddev	.00007	.01688	.00082	.00007	.00046	.01459	.00015	.00693
%RSD	81.333	135.18	516.70	63.130	94.102	753.34	685.15	19.968

#1	.00004	.02443	-.00074	-.00006	.00082	.00838	-.00012	-.03960
#2	.00014	.00055	.00042	-.00015	.00016	-.01225	.00008	-.02980

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00018	.07291	.00038	.00006	.10265	.00019	F .03961
Stddev	.00015	.00032	.02322	.00045	.00000	.01026	.00017	.00287
%RSD	151.37	177.07	31.845	117.05	7.1327	9.9969	88.873	7.2460

#1	-.00020	-.00005	-.05649	-.00070	-.00006	.10990	-.00030	.04164
#2	.00001	.00041	-.08933	-.00007	-.00005	.09539	-.00007	.03758

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00518	.00471	.00010	.00294	.00139	.0021	.00011	F 2.4836
Stddev	.00136	.00049	.00096	.00117	.00052	.0015	.00004	.0711
%RSD	26.209	10.503	1006.0	39.706	37.446	69.53	32.947	2.8644

#1	-.00614	.00436	-.00077	.00211	.00175	-.0011	-.00013	2.4333
#2	-.00422	.00506	.00058	.00376	.00102	-.0032	-.00008	2.5339

Sample Name: CCB03 Acquired: 8/29/2018 13:49:39 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F.43434
Stddev .73338
%RSD 168.85

#1 .95292
#2 -.08423

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2046.0	57954.	2820.9	48.384	3222.3
Stddev	7.6	93.	10.2	2.864	7.5
%RSD	.37062	.16023	.36028	5.9189	.23211

#1	2040.7	58019.	2813.7	50.409	3217.0
#2	2051.4	57888.	2828.1	46.359	3227.6

Sample Name: J4610-01MSD Acquired: 8/29/2018 13:53:45 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92094	2.0267	1.0714	2.3002	.86227	2.5885	.24957	.25488	.21637
Stddev	.00642	.0087	.0004	.0127	.00285	.0248	.00001	.00045	.00076
%RSD	.69665	.42876	.03272	.55221	.33103	.95896	.00598	.17589	.34961

#1	.92548	2.0328	1.0717	2.3091	.86025	2.6060	.24956	.25519	.21690
#2	.91640	2.0205	1.0712	2.2912	.86428	2.5709	.24958	.25456	.21583

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	102.71	.43188	.21735	.30803	3.1073	.26917	.274.37	.54818	.09173
Stddev	.37	.00014	.00070	.00107	.0357	.00079	.63	.00032	.00052
%RSD	.36345	.03179	.32394	.34806	1.1499	.29369	.22881	.05799	.56175

#1	102.97	.43198	.21785	.30878	3.0820	.26973	274.81	.54841	.09210
#2	102.44	.43179	.21685	.30727	3.1326	.26862	273.93	.54796	.09137

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2037.6	.33264	.21544	108.97	.42559	1.2866	209.78	2.0286	.70640
Stddev	18.3	.00199	.00122	.33	.00206	.0130	.95	.0037	.00768
%RSD	.89594	.59750	.56804	.30048	.48297	1.0062	.45404	.18208	1.0877

#1	2050.5	.33405	.21457	109.20	.42705	1.2774	210.46	2.0312	.71183
#2	2024.7	.33124	.21630	108.74	.42414	1.2958	209.11	2.0260	.70097

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21884	.27789	3.053	1.9646	7.3401	15.903
Stddev	.00130	.00094	.048	.0018	.0018	.880
%RSD	.59600	.33668	.5933	.09005	.02463	5.5304

#1	.21976	.27855	8.086	1.9658	7.3414	16.525
#2	.21792	.27723	8.019	1.9633	7.3388	15.282

Sample Name: J4610-01MSD Acquired: 8/29/2018 13:53:45 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1749.7	48067.	2691.9	45.289	2316.6
Stddev	6.2	162.	3.9	.228	5.9
%RSD	.35296	.33797	.14371	.50358	.25380
#1	1745.3	48182.	2689.2	45.450	2312.4
#2	1754.0	47952.	2694.7	45.127	2320.8

Sample Name: J4610-01A Acquired: 8/29/2018 13:57:43 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90618	1.9801	1.0478	2.2623	.84861	2.5368	.24118	.24663	.21194
Stddev	.00027	.0040	.0024	.0050	.00560	.0153	.00193	.00013	.00008
%RSD	.03003	.20137	.23416	.22287	.65970	.60372	.80163	.05416	.03587

#1	.90637	1.9773	1.0461	2.2659	.84465	2.5476	.23981	.24672	.21189
#2	.90599	1.9830	1.0496	2.2587	.85257	2.5259	.24255	.24653	.21200

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	38.085	.41795	.21321	.29964	2.9983	.25949	263.97	.53653	.08877
Stddev	.177	.00071	.00039	.00062	.0230	.00049	1.63	.00088	.00271
%RSD	.18009	.17098	.18209	.20639	.76791	.18954	.61694	.16467	3.0529

#1	97.960	.41845	.21348	.29921	3.0146	.25984	262.82	.53590	.09069
#2	98.210	.41744	.21293	.30008	2.9820	.25915	265.12	.53715	.08685

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1863.4	.32430	.20505	104.41	.41701	1.2333	204.99	1.9611	.68985
Stddev	38.8	.00271	.00342	.29	.00008	.0070	1.51	.0039	.00099
%RSD	2.0829	.83718	1.6703	.27349	.01826	.57041	.73759	.19918	.14342

#1	1890.9	.32622	.20747	104.21	.41696	1.2283	203.92	1.9639	.69055
#2	1836.0	.32238	.20262	104.61	.41706	1.2383	206.06	1.9583	.68915

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21201	.26557	7.902	1.8813	3.9410	16.548
Stddev	.00214	.00309	.018	.0080	.1727	1.047
%RSD	1.0078	1.1637	.2221	.42577	2.4878	6.3293

#1	.21050	.26339	7.889	1.8757	6.8189	17.288
#2	.21352	.26776	7.914	1.8870	7.0631	15.807

Sample Name: J4610-01A Acquired: 8/29/2018 13:57:43 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1779.8	49006.	2777.0	47.238	2354.7
Stddev	12.5	37.	6.6	.427	17.1
%RSD	.70340	.07586	.23780	.90476	.72708
#1	1788.7	48980.	2781.7	46.936	2366.8
#2	1771.0	49032.	2772.3	47.540	2342.6

Sample Name: J4610-02 Acquired: 8/29/2018 14:01:41 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.00137	.00057	.00394	.00099	.01883	.01289	.00001
Stddev	.00307	.00046	.00084	.00340	.00051	.00728	.00033	.00004
%RSD	1991.6	33.857	145.77	86.302	51.961	38.643	2.5411	404.05

#1	-.00202	-.00169	.00117	.00635	-.00135	.02398	.01266	-.00004
#2	.00232	-.00104	-.00002	.00154	-.00063	.01369	.01312	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	40.405	.00053	.00015	.00160	.00954	.00471	55.708
Stddev	.00001	.268	.00077	.00028	.00023	.00060	.00003	.470
%RSD	50.756	.66343	143.87	189.11	14.275	6.2808	.73450	.84348

#1	.00003	40.594	-.00108	.00005	.00144	-.00996	.00469	56.040
#2	.00001	40.215	.00001	-.00034	.00176	-.00912	.00473	55.376

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00000	433.27	.00080	.00048	18.755	.00058	.22366
Stddev	.0003	.00020	6.10	.00062	.00002	.141	.00024	.00574
%RSD	7506.8	9018.5	1.4087	77.772	4.3350	.75090	40.797	2.5677

#1	-.00020	.00015	437.58	.00124	.00046	18.855	.00075	.22772
#2	.00019	-.00014	428.95	.00036	.00049	18.656	.00041	.21960

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.968	.80495	.01539	.00177	.00497	.0688	.44017	4.0351
Stddev	.040	.01436	.00085	.00243	.00097	.0010	.00212	.2793
%RSD	.10039	1.7842	5.5271	137.43	19.416	1.458	.48251	6.9218

#1	39.996	.81510	-.01599	.00005	.00565	.0681	.44167	3.8376
#2	39.939	.79479	-.01479	.00349	.00429	.0696	.43867	4.2326

Sample Name: J4610-02 Acquired: 8/29/2018 14:01:41 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 4.9774
Stddev .8548
%RSD 17.174

#1 4.3730
#2 5.5818

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.0	54747.	2899.1	48.473	2785.6
Stddev	2.6	118.	34.4	.963	7.0
%RSD	.13588	.21567	1.1853	1.9867	.25076

#1	1945.2	54830.	2874.8	47.792	2780.7
#2	1948.9	54663.	2923.4	49.154	2790.6

Sample Name: J4610-03 Acquired: 8/29/2018 14:05:51 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00379	.00265	.00059	.00324	.00152	.00498	.01232	.00002
Stddev	.00050	.00218	.00071	.00575	.00022	.00092	.00036	.00007
%RSD	13.104	82.336	120.12	177.61	14.431	18.465	2.9380	337.16

#1	.00414	.00111	.00009	.00731	-.00137	.00563	.01257	.00003
#2	.00344	.00419	.00110	-.00083	-.00168	.00433	.01206	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	37.367	.00027	.00053	.00221	.01014	.00278	46.027
Stddev	.00008	.098	.00027	.00027	.00053	.00905	.00000	.092
%RSD	149.95	.26359	99.317	51.722	23.810	89.197	.09798	.20035

#1	-.00011	37.437	-.00008	-.00034	.00184	-.00375	.00278	46.092
#2	.00000	37.298	-.00046	-.00072	.00258	-.01654	.00278	45.962

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00017	.00002	361.73	.00113	.00035	15.460	.00048	.18650
Stddev	.00069	.00002	1.81	.00101	.00004	.040	.00024	.00187
%RSD	408.08	98.544	.49959	89.024	11.624	.25989	50.544	1.0004

#1	.00065	.00001	360.45	.00184	.00032	15.488	.00031	.18782
#2	-.00032	.00004	363.01	.00042	.00037	15.431	.00065	.18518

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.192	.78738	.01300	.00138	.00126	.0626	.37780	3.8817
Stddev	.094	.00359	.00110	.00067	.00034	.0004	.00281	.1556
%RSD	.28422	.45599	8.4259	48.421	27.310	.6127	.74505	4.0078

#1	33.126	.78484	-.01223	.00186	.00101	.0629	.37979	3.9917
#2	33.259	.78992	-.01378	.00091	.00150	.0623	.37581	3.7717

Sample Name: J4610-03 Acquired: 8/29/2018 14:05:51 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.7634
Stddev .1452
%RSD 2.5201

#1 5.6607
#2 5.8662

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.2	55810.	2949.4	48.552	2847.7
Stddev	.7	22.	.3	1.249	3.0
%RSD	.03659	.03985	.01166	2.5727	.10379

#1	1975.7	55826.	2949.6	49.435	2849.8
#2	1974.7	55795.	2949.1	47.669	2845.6

Sample Name: J4610-04 Acquired: 8/29/2018 14:10:03 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00251	.00005	.00370	.00703	.00258	.08091	.02162	.00002
Stddev	.00168	.00013	.00022	.00285	.00082	.01097	.00097	.00003
%RSD	66.892	266.81	6.0020	40.525	31.944	13.563	4.4838	131.35

#1	.00133	.00014	.00354	.00501	-.00316	.07315	.02094	.00000
#2	.00370	-.00004	.00386	.00904	-.00199	.08867	.02231	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	94.665	.00067	.00057	.00195	.01412	.04643	251.20
Stddev	.00006	.632	.00048	.00021	.00055	.00075	.00006	1.09
%RSD	62.782	.66783	70.859	36.626	28.132	5.2889	.13812	.43394

#1	-.00005	94.218	-.00101	-.00072	.00156	-.01359	.04647	250.43
#2	-.00014	95.112	-.00034	-.00042	.00233	-.01465	.04638	251.98

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00054	.00006	1842.3	.00086	.00262	38.232	.00201	.86567
Stddev	.00121	.00008	1.9	.00014	.00007	.529	.00069	.00807
%RSD	225.85	146.44	.10051	16.158	2.5341	.59904	34.127	.93175

#1	.00139	-.00012	1841.0	.00076	.00266	87.858	.00250	.87137
#2	-.00032	.00000	1843.6	.00096	.00257	88.605	.00153	.85996

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	194.96	.96652	.07212	.00219	.03519	.1182	1.5749	6.6333
Stddev	.43	.00512	.00186	.00159	.00023	.0009	.0114	.3759
%RSD	.21827	.52946	2.5749	72.647	.65751	.7667	.72197	5.6674

#1	195.26	.96291	-.07343	-.00106	.03502	.1176	1.5669	6.3675
#2	194.66	.97014	-.07081	-.00331	.03535	.1188	1.5830	6.8991

Sample Name: J4610-04 Acquired: 8/29/2018 14:10:03 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.670
Stddev	1.344
%RSD	9.1618

#1	13.720
#2	15.621

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1800.3	49889.	2869.5	48.005	2407.3
Stddev	2.3	163.	27.4	.193	.1
%RSD	.12661	.32667	.95489	.40158	.00343

#1	1802.0	49774.	2888.9	47.869	2407.4
#2	1798.7	50004.	2850.1	48.142	2407.3

Sample Name: J4610-05 Acquired: 8/29/2018 14:14:13 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00526	.00189	.00048	.00035	.00404	.03843	.01283	.00004
Stddev	.00095	.00223	.00058	.00229	.00103	.01624	.00055	.00002
%RSD	17.990	117.86	119.28	654.42	25.598	42.269	4.3108	41.186

#1	.00459	.00347	.00008	-.00127	-.00330	.04991	.01322	-.00005
#2	.00593	.00031	.00089	.00197	-.00477	.02694	.01244	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	41.026	-.00072	-.00037	.00160	-.00587	.00423	30.047
Stddev	.00009	.073	.00007	.00025	.00016	.00162	.00004	.251
%RSD	395.15	.17710	10.216	67.901	10.235	27.644	.96728	.41867

#1	.00009	41.077	-.00078	-.00054	.00149	-.00472	.00426	59.869
#2	-.00004	40.974	-.00067	-.00019	.00172	-.00702	.00420	60.224

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00029	472.57	.00138	.00045	20.574	.00109	.23550
Stddev	.00084	.00012	1.99	.00013	.00006	.027	.00026	.01344
%RSD	703.01	41.846	.42180	9.6920	13.509	.13077	23.998	5.7073

#1	.00048	-.00021	471.16	.00129	.00041	20.593	.00090	.24501
#2	-.00071	-.00038	473.98	.00148	.00050	20.555	.00127	.22600

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.694	.78532	-.01632	.00113	.00293	.0708	.46120	4.0735
Stddev	.022	.01088	.00170	.00033	.00168	.0011	.00141	.0898
%RSD	.05008	1.3849	10.441	29.150	57.593	1.578	.30547	2.2056

#1	43.678	.77763	-.01511	.00089	.00173	.0716	.46020	4.1370
#2	43.709	.79301	-.01752	.00136	.00412	.0700	.46219	4.0099

Sample Name: J4610-05 Acquired: 8/29/2018 14:14:13 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 5.2137
Stddev .8042
%RSD 15.424

#1 4.6451
#2 5.7824

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1963.8	55713.	2995.1	49.512	2805.5
Stddev	1.3	56.	5.0	.634	4.2
%RSD	.06700	.10014	.16578	1.2804	.14881

#1	1964.7	55753.	2998.6	49.064	2802.5
#2	1962.9	55674.	2991.6	49.960	2808.4

Sample Name: J4280-04 Acquired: 8/29/2018 14:18:23 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00124	.00054	12.957	.00473	.00089	.06166	.25436	.00004
Stddev	.00071	.00008	.000	.00344	.00181	.00973	.00203	.00009
%RSD	57.342	15.619	.00089	72.699	203.10	15.778	.79805	212.12

#1	.00074	.00048	12.957	.00716	.00039	.05478	.25292	.00002
#2	.00175	.00060	12.957	.00230	-.00218	.06853	.25579	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00315	24.626	-.00554	.00236	.00074	.00994	.19949	1.1523
Stddev	.00003	.152	.00011	.00032	.00011	.02744	.00094	.0342
%RSD	1.0955	.61714	1.9783	13.345	15.036	276.01	.47241	2.9706

#1	.00318	24.519	-.00546	.00259	.00082	.00946	.19882	1.1765
#2	.00313	24.734	-.00562	.00214	.00066	-.02935	.20015	1.1281

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00188	.00014	290.59	.00032	.12623	1.5083	.00054	.03705
Stddev	.00027	.00001	6.31	.00015	.00010	.0018	.00001	.00810
%RSD	14.155	6.5420	2.1701	48.339	.07838	.11876	.98371	21.849

#1	.00169	.00015	286.13	-.00043	.12630	1.5096	-.00054	.03133
#2	.00206	.00013	295.05	-.00021	.12616	1.5070	-.00054	.04278

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74647	1.6530	.00050	.00238	.00877	.0065	.16549	4.1001
Stddev	.00348	.0036	.00054	.00396	.00173	.0004	.00023	.0885
%RSD	.46559	.21782	106.60	166.76	19.750	5.664	.13704	2.1580

#1	.74401	1.6505	.00012	.00518	.00754	.0063	.16533	4.1627
#2	.74893	1.6555	.00088	-.00043	.00999	.0068	.16565	4.0376

Sample Name: J4280-04 Acquired: 8/29/2018 14:18:23 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.7494
 Stddev 2.1437
 %RSD 45.135

#1 3.2336
 #2 6.2652

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.5	53946.	2852.5	45.900	2754.0
Stddev	8.1	78.	14.5	.289	10.1
%RSD	.42574	.14412	.50873	.63022	.36533

#1	1886.8	53891.	2842.3	45.695	2746.9
#2	1898.2	54001.	2862.8	46.105	2761.1

Sample Name: PB112462BL Acquired: 8/29/2018 14:22:33 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00243	.00131	.00044	.00240	.00082	.00820	.00320
Stddev	.00235	.00156	.00021	.00097	.00146	.00060	.00105
%RSD	96.889	119.06	48.099	40.343	178.40	7.3680	32.717

#1	-.00076	.00021	.00059	-.00172	.00021	-.00777	-.00246
#2	-.00409	.00241	.00029	-.00309	-.00186	-.00863	-.00394

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00006	.00039	.00037	.00000	.00038	.02716
Stddev	.00008	.00001	.01715	.00035	.00012	.00072	.00842
%RSD	622.74	13.928	4360.6	94.673	9064.2	191.45	31.014

#1	-.00007	.00006	-.01252	.00062	.00009	-.00013	-.03312
#2	.00004	.00007	.01174	.00012	-.00009	.00089	-.02121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.05946	.00027	.00011	.33690	.00025	.00018
Stddev	.00002	.05972	.00040	.00012	.03387	.00028	.00010
%RSD	144.39	100.44	148.16	106.99	10.052	111.06	55.205

#1	.00000	-.10169	-.00055	.00020	.36085	-.00045	-.00011
#2	-.00003	-.01723	.00001	.00003	.31296	-.00005	-.00025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20957	.00023	.02114	.00572	.00545	.00042	.00076
Stddev	.00047	.00006	.00035	.00505	.00011	.00054	.00074
%RSD	.22509	28.776	1.6777	88.422	2.0810	129.19	97.859

#1	.20924	-.00027	.02089	-.00929	.00553	-.00080	.00129
#2	.20990	-.00018	.02139	-.00214	.00537	-.00004	.00023

Sample Name: PB112462BL Acquired: 8/29/2018 14:22:33 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00189	-.0016	-.00010	F 2.4508	F<00000
Stddev	.00118	.0007	.00001	.2680	.75094
%RSD	62.186	41.17	14.360	10.936	102.61

#1	.00106	-.0021	-.00009	2.2613	-.20083
#2	.00273	-.0012	-.00011	2.6404	-1.2628

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.6	57612.	2784.7	46.373	3174.6
Stddev	14.1	388.	10.1	1.536	24.4
%RSD	.69909	.67399	.36126	3.3130	.76858

#1	2001.7	57338.	2777.6	45.286	3157.3
#2	2021.6	57887.	2791.8	47.459	3191.8

Sample Name: PB112462BS Acquired: 8/29/2018 14:26:41 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74875	1.9255	.92566	1.8889	.74923	1.9540	.20306
Stddev	.00153	.0089	.00068	.0013	.00080	.0096	.00108
%RSD	.20451	.46282	.07378	.06670	.10647	.49275	.53317
#1	.74983	1.9318	.92518	1.8898	.74867	1.9472	.20230
#2	.74766	1.9192	.92615	1.8880	.74979	1.9608	.20383
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18965	.18058	1.0476	.39549	.18637	.30762	3.0474
Stddev	.00057	.00059	.0086	.00109	.00060	.00065	.1554
%RSD	.29948	.32661	.82417	.27459	.32448	.21211	5.0981
#1	.19005	.18100	1.0414	.39472	.18680	.30716	2.9375
#2	.18925	.18016	1.0537	.39625	.18594	.30808	3.1572
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20475	1.9646	.47355	.07100	2.9828	.29917	.20716
Stddev	.00007	.0480	.00116	.00040	.0025	.00133	.00860
%RSD	.03416	2.4422	.24600	.56930	.08520	.44440	4.1512
#1	.20470	1.9307	.47437	.07071	2.9846	.30011	.20108
#2	.20480	1.9985	.47272	.07128	2.9810	.29823	.21324
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.281	.40625	.32381	F .00904	.94107	.65607	.20355
Stddev	.091	.00039	.01824	.00053	.00258	.00100	.00287
%RSD	.88670	.09527	5.6338	5.8153	.27380	.15246	1.4083
#1	10.217	.40598	.31091	-.00867	.94289	.65536	.20153
#2	10.346	.40653	.33671	-.00942	.93925	.65678	.20558

Sample Name: PB112462BS Acquired: 8/29/2018 14:26:41 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19517	5.333	.21224	F2.2399	F<00000
Stddev	.00010	.004	.00128	.2923	1.1500
%RSD	.05092	.0676	.60538	13.050	118.95

#1	.19525	5.336	.21133	2.4466	-1.7799
#2	.19510	5.331	.21315	2.0332	-.15361

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1981.1	56592.	2780.8	44.673	3086.9
Stddev	10.4	265.	5.8	1.659	18.4
%RSD	.52465	.46848	.20909	3.7125	.59671

#1	1973.7	56405.	2776.7	45.845	3073.9
#2	1988.4	56779.	2784.9	43.500	3099.9

Sample Name: J4658-01 Acquired: 8/29/2018 14:30:37 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00796	-.00317	.00549	.00377	.00361	.14661	.40563	-.00021
Stddev	.00238	.00238	.00018	.00739	.00062	.00139	.00244	.00003
%RSD	29.957	75.272	3.2639	195.77	17.207	.94675	.60081	15.514

#1	.00627	-.00485	.00536	-.00145	.00405	.14760	.40391	-.00024
#2	.00964	-.00148	.00561	.00900	.00317	.14563	.40735	-.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	188.17	-.00025	.00089	.01542	-.02841	.07131	9.3967
Stddev	.00007	.45	.00021	.00000	.00026	.00459	.00013	.1238
%RSD	90.210	.23844	83.156	.04995	1.6572	16.167	.18652	1.3171

#1	.00013	187.85	-.00040	.00090	.01524	-.03166	.07140	9.3092
#2	.00003	188.48	-.00010	.00089	.01560	-.02516	.07122	9.4842

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02465	-.00035	11.468	.00177	.12455	26.148	.00823	.13135
Stddev	.00013	.00009	.041	.00029	.00574	.255	.00003	.00256
%RSD	.52296	25.300	.35330	16.333	4.6119	.97620	.33224	1.9452

#1	.02456	-.00029	11.440	.00156	.12861	25.968	.00821	.13315
#2	.02474	-.00042	11.497	.00197	.12049	26.329	.00825	.12954

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.992	19.117	-.00749	-.00377	.01404	.0144	.69773	7.6440
Stddev	.043	.130	.00019	.00206	.00065	.0007	.00187	.1892
%RSD	.25306	.67835	2.5038	54.795	4.6112	4.883	.26864	2.4752

#1	16.962	19.209	-.00762	-.00523	.01450	.0149	.69640	7.5102
#2	17.023	19.025	-.00735	-.00231	.01358	.0139	.69905	7.7777

Sample Name: J4658-01 Acquired: 8/29/2018 14:30:37 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<00000
Stddev	.14827
%RSD	24.387

#1	-.50315
#2	-.71283

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.0	53579.	2850.8	45.106	2795.3
Stddev	6.6	41.	27.2	2.295	10.9
%RSD	.36028	.07585	.95246	5.0887	.38913

#1	1827.4	53550.	2831.6	43.483	2787.6
#2	1836.7	53608.	2870.0	46.729	2803.0

Sample Name: CCV04 Acquired: 8/29/2018 14:34:39 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9527	4.9611	4.9088	4.9503	4.9499	10.258	9.9636	2.4698
Stddev	.0057	.0138	.0070	.0095	.0055	.068	.0176	.00160
%RSD	.11527	.27714	.14303	.19283	.11199	.66345	.17618	.64964

#1	4.9567	4.9514	4.9039	4.9435	4.9538	10.209	9.9760	2.4585
#2	4.9486	4.9708	4.9138	4.9570	4.9460	10.306	9.9511	2.4812

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4022	25.198	97641	2.4186	1.2516	4.8508	2.4960	24.505
Stddev	.0054	.122	.00104	.0024	.0028	.0134	.0089	.278
%RSD	.22484	.48380	.10643	.10045	.22707	.27552	.35451	1.1334

#1	2.3984	25.112	97568	2.4203	1.2536	4.8414	2.4898	24.308
#2	2.4060	25.284	97715	2.4168	1.2496	4.8603	2.5023	24.701

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4370	1.2328	24.579	2.4854	2.4127	25.856	5.0631	5.1502
Stddev	.0013	.0047	.016	.0144	.0062	.066	.0026	.0202
%RSD	.05251	.38497	.06616	.57743	.25683	.25654	.05108	.39277

#1	2.4361	1.2294	24.591	2.4752	2.4083	25.809	5.0650	5.1359
#2	2.4379	1.2362	24.568	2.4955	2.4170	25.903	5.0613	5.1645

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8733	5.1519	4.9143	4.9513	4.9689	5.057	5.2894	F 4.2007
Stddev	.0030	.0207	.0047	.0127	.0114	.005	.0049	.3718
%RSD	.06154	.40121	.09535	.25657	.22889	.0952	.09282	8.8504

#1	4.8711	5.1665	4.9110	4.9424	4.9770	5.061	5.2928	3.9378
#2	4.8754	5.1373	4.9176	4.9603	4.9609	5.054	5.2859	4.4636

Sample Name: CCV04 Acquired: 8/29/2018 14:34:39 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.5689
Stddev	3.8645
%RSD	150.44

#1	-.16379
#2	5.3015

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1930.6	54793.	2820.9	46.309	2828.9
Stddev	5.1	34.	23.0	.010	4.6
%RSD	.26635	.06118	.81470	.02128	.16356

#1	1927.0	54769.	2804.7	46.302	2825.6
#2	1934.2	54816.	2837.2	46.316	2832.2

Sample Name: CCB04 Acquired: 8/29/2018 14:38:26 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00155	.00141	.00004	.00321	.00107	.00696	.00184	.00001
Stddev	.00001	.00168	.00048	.00201	.00094	.01120	.00028	.00013
%RSD	.42814	119.33	1178.6	62.655	87.918	160.97	15.085	1253.1

#1	-.00155	.00260	-.00038	-.00463	.00040	.00096	-.00164	-.00008
#2	-.00156	.00022	.00030	-.00179	.00173	-.01488	-.00204	.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.01742	.00021	.00022	.00027	.00420	.00002	.04624
Stddev	.00023	.00313	.00037	.00015	.00058	.00962	.00002	.04796
%RSD	175.25	17.980	176.85	67.151	215.91	229.33	91.405	103.71

#1	-.00003	.01521	.00047	-.00012	-.00068	-.00261	-.00001	-.01233
#2	.00030	.01963	-.00005	-.00033	.00014	.01100	-.00003	-.08015

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00060	.00056	.29913	.00012	.00012	.03529	.00017	F .03069
Stddev	.00049	.00012	.00344	.00001	.00009	.00668	.00052	.01210
%RSD	82.644	21.049	1.1499	5.0329	76.856	18.921	302.07	39.431

#1	-.00095	.00065	-.29670	-.00012	-.00005	.04001	.00020	.02214
#2	-.00025	.00048	-.30157	-.00012	-.00018	.03057	-.00054	.03925

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00566	.00975	.00100	.00314	.00277	.0021	.00007	F 2.6204
Stddev	.00215	.00133	.00056	.00030	.00039	.0015	.00001	.3925
%RSD	37.971	13.628	56.047	9.5249	13.897	69.08	16.632	14.979

#1	-.00414	.00881	-.00060	.00336	-.00305	-.0032	-.00006	2.3429
#2	-.00718	.01069	-.00139	.00293	-.00250	-.0011	-.00007	2.8980

Sample Name: CCB04 Acquired: 8/29/2018 14:38:26 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F.56535
Stddev .36159
%RSD 63.959

#1 .82103
#2 .30966

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2008.9	56766.	2768.1	44.643	3166.7
Stddev	.6	116.	4.2	2.575	3.7
%RSD	.02976	.20420	.15188	5.7669	.11568

#1	2008.5	56684.	2765.1	46.464	3164.1
#2	2009.4	56848.	2771.0	42.823	3169.3

Sample Name: J4658-02 Acquired: 8/29/2018 14:42:32 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01725	.00103	.00460	.00459	.00224	.14369	1.2582	.00019
Stddev	.00265	.00153	.00155	.00307	.00355	.00421	.0135	.00005
%RSD	15.356	148.91	33.737	66.830	158.22	2.9315	1.0746	24.720

#1	.01912	.00005	.00570	.00676	-.00027	.14667	1.2487	-.00022
#2	.01537	-.00211	.00350	.00242	.00476	.14071	1.2678	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	256.44	.00061	.00867	.00107	5.7891	.66148	43.969
Stddev	.00037	4.69	.00056	.00027	.00007	.3502	.00254	.511
%RSD	268.96	1.8299	93.172	3.0881	6.8546	6.0486	.38330	1.1611

#1	.00040	253.12	.00100	.00886	.00112	5.5415	.65969	43.608
#2	-.00012	259.76	.00021	.00848	.00102	6.0367	.66327	44.330

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03629	.00023	138.21	.00200	.04221	58.518	.02190	1.3227
Stddev	.00059	.00023	2.00	.00004	.00188	.957	.00052	.0175
%RSD	1.6284	98.956	1.4437	2.0081	4.4525	1.6359	2.3842	1.3220

#1	.03671	.00040	136.79	.00197	.04088	57.841	.02153	1.3103
#2	.03587	.00007	139.62	.00203	.04354	59.195	.02227	1.3351

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.530	24.882	.01261	.00335	.12820	.0126	1.3761	9.2439
Stddev	.319	.111	.00203	.00383	.00414	.0002	.0098	.2461
%RSD	.89854	.44773	16.068	114.04	3.2327	1.898	.71408	2.6621

#1	35.756	24.803	-.01404	-.00606	.12527	.0124	1.3691	9.4179
#2	35.304	24.961	-.01118	-.00065	.13113	.0127	1.3830	9.0699

Sample Name: J4658-02 Acquired: 8/29/2018 14:42:32 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.820
Stddev	1.584
%RSD	14.636

#1	11.940
#2	9.7005

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1758.6	50527.	2657.9	43.239	2599.5
Stddev	8.8	75.	5.4	1.626	9.7
%RSD	.49960	.14923	.20407	3.7601	.37255

#1	1752.4	50474.	2654.1	44.388	2592.6
#2	1764.8	50580.	2661.7	42.089	2606.3

Sample Name: J4658-03 Acquired: 8/29/2018 14:46:35 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00241	-.00498	.00408	.00730	-.00302	.16565	.62929	-.00016
Stddev	.00146	.00630	.00080	.00112	.00037	.01518	.00773	.00001
%RSD	60.385	126.47	19.626	15.419	12.351	9.1654	1.2281	9.1459

#1	.00344	-.00943	.00351	.00650	-.00276	.17639	.62383	-.00017
#2	.00138	-.00053	.00464	.00809	-.00328	.15491	.63476	-.00015

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	303.29	.14359	.00393	.00770	.57923	.62532	39.456
Stddev	.00009	4.46	.00124	.00001	.00138	.02612	.00181	1.429
%RSD	1038.9	1.4715	.86224	.31084	17.862	4.5099	.28975	1.5977

#1	.00005	300.13	.14272	.00394	.00673	.59770	.62404	88.446
#2	-.00007	306.44	.14447	.00392	.00867	.56075	.62660	90.467

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08770	-.00002	31.120	.00130	.03888	71.153	.01854	1.8051
Stddev	.00016	.00033	1.185	.00013	.00117	1.036	.00024	.0174
%RSD	.17702	1358.3	1.3010	10.038	3.0158	1.4559	1.3122	.96589

#1	.08759	.00021	90.282	.00139	.03971	70.421	.01871	1.7928
#2	.08781	-.00026	91.958	.00121	.03805	71.886	.01836	1.8174

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.3935	27.427	-.00051	-.00674	.05853	.0154	1.8855	10.718
Stddev	.0030	.046	.00088	.00220	.00114	.0020	.0287	.132
%RSD	.21391	.16914	171.06	32.591	1.9400	13.22	1.5242	1.2324

#1	1.3956	27.394	.00011	-.00830	.05773	.0140	1.8652	10.811
#2	1.3914	27.459	-.00113	-.00519	.05934	.0168	1.9058	10.624

Sample Name: J4658-03 Acquired: 8/29/2018 14:46:35 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 1.5036
Stddev .5489
%RSD 36.503

#1 1.8917
#2 1.1155

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1739.6	50562.	2664.9	42.895	2557.9
Stddev	8.2	201.	11.3	1.401	14.0
%RSD	.46981	.39798	.42534	3.2666	.54700

#1	1733.9	50420.	2656.9	41.904	2548.0
#2	1745.4	50704.	2672.9	43.886	2567.8

Sample Name: J4658-03DUP Acquired: 8/29/2018 15:21:06 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	-.00401	.00376	.00826	-.00344	.13774	.63085	-.00018
Stddev	.00037	.00282	.00117	.00554	.00118	.03592	.01291	.00007
%RSD	38.099	70.304	31.220	67.134	34.198	26.082	2.0470	40.840
#1	.00124	-.00202	.00293	.00434	-.00427	.11234	.62172	-.00023
#2	.00072	-.00600	.00459	.01217	-.00261	.16314	.63998	-.00013
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	303.51	.09320	.00295	.00785	.44785	.62706	30.456
Stddev	.00002	5.84	.00048	.00028	.00049	.02278	.00093	2.236
%RSD	19.445	1.9227	.51034	9.4828	6.2341	5.0872	.14770	2.4717
#1	.00010	299.38	.09353	.00275	.00820	.46396	.62640	88.875
#2	.00008	307.63	.09286	.00314	.00750	.43174	.62771	92.037
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05625	-.00008	32.531	.00108	.04482	71.341	.01235	1.8172
Stddev	.00031	.00034	1.720	.00007	.00007	1.145	.00050	.0419
%RSD	.55247	429.60	1.8590	6.6050	.14901	1.6049	4.0084	2.3034
#1	.05603	-.00032	91.315	.00113	.04477	70.531	.01200	1.7876
#2	.05646	.00016	93.747	.00103	.04487	72.151	.01270	1.8468
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4194	27.609	-.00021	.00847	.05875	.0144	1.8737	10.789
Stddev	.0071	.101	.00114	.00063	.00159	.0036	.0245	.157
%RSD	.49874	.36591	533.73	7.4540	2.7051	24.71	1.3089	1.4539
#1	1.4244	27.681	.00060	-.00802	.05763	.0169	1.8563	10.678
#2	1.4144	27.538	-.00102	-.00891	.05988	.0119	1.8910	10.900

Sample Name: J4658-03DUP Acquired: 8/29/2018 15:21:06 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	1.0814
Stddev	.2854
%RSD	26.396

#1	1.2832
#2	.87956

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1728.7	50613.	2665.4	41.935	2543.9
Stddev	10.4	301.	18.2	.166	12.6
%RSD	.60176	.59549	.68229	.39587	.49606

#1	1721.3	50400.	2652.5	41.817	2535.0
#2	1736.0	50826.	2678.2	42.052	2552.8

Sample Name: J4658-03LX5 Acquired: 8/29/2018 15:25:10 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.00125	.00132	.00346	-.00226	.04731	.12630	-.00001
Stddev	.00107	.00046	.00047	.00125	.00020	.00911	.00229	.00000
%RSD	419.23	36.541	35.752	36.013	8.7327	19.258	1.8099	58.603

#1	.00101	-.00093	.00165	.00258	-.00239	.05375	.12468	-.00001
#2	-.00050	-.00158	.00098	.00434	-.00212	.04086	.12791	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	53.488	.18211	.00268	.00434	.73060	.14902	18.650
Stddev	.00000	1.045	.00063	.00007	.00020	.04224	.00059	.117
%RSD	.33705	1.6465	.34650	2.5413	4.4962	5.7812	.39871	.62683

#1	-.00005	62.749	.18167	.00263	.00420	.70074	.14860	18.568
#2	-.00005	64.227	.18256	.00273	.00448	.76047	.14944	18.733

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10946	-.00039	18.180	.00073	.01043	14.262	.02216	.38186
Stddev	.00028	.00032	.212	.00031	.00020	.118	.00013	.00644
%RSD	.25293	82.601	1.1661	42.504	1.9316	.82651	.59529	1.6876

#1	.10926	-.00016	18.030	.00051	.01029	14.179	.02206	.37730
#2	.10965	-.00062	18.330	.00094	.01057	14.346	.02225	.38641

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.27527	5.9484	-.00066	-.00045	.00864	.0012	.38046	4.9304
Stddev	.00474	.0247	.00026	.00206	.00099	.0029	.00484	.1841
%RSD	1.7208	.41582	39.567	457.31	11.510	249.6	1.2717	3.7333

#1	.27862	5.9659	-.00085	.00101	.00794	.0032	.37704	4.8003
#2	.27192	5.9309	-.00048	-.00191	.00934	-.0009	.38388	5.0606

Sample Name: J4658-03LX5 Acquired: 8/29/2018 15:25:10 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	1.0589
Stddev	.3757
%RSD	35.483

#1	1.3245
#2	.79319

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.1	54428.	2711.6	44.768	2868.5
Stddev	15.5	145.	31.0	1.701	21.2
%RSD	.81776	.26674	1.1444	3.7998	.73838

#1	1890.1	54325.	2689.6	45.971	2853.5
#2	1912.1	54530.	2733.5	43.566	2883.5

Sample Name: J4658-03MS Acquired: 8/29/2018 15:29:14 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.90654	2.1039	1.0452	2.2226	.88523	2.5400	.85711	.22466	.20784
Stddev	.00282	.0070	.0010	.0035	.00684	.0478	.01269	.00008	.00002
%RSD	.31084	.33228	.09173	.15801	.77213	1.8831	1.4810	.03615	.00925

#1	.90854	2.1088	1.0445	2.2251	.89006	2.5062	.84814	.22471	.20785
#2	.90455	2.0989	1.0458	2.2202	.88040	2.5738	.86609	.22460	.20782

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	301.13	.51430	.21888	.34119	3.6548	.81641	31.666	.58340	.08357
Stddev	4.84	.00237	.00006	.00112	.2165	.00219	1.801	.00091	.00032
%RSD	1.6062	.46051	.02556	.32745	5.9223	.26774	1.9644	.15579	.38600

#1	297.71	.51597	.21885	.34198	3.5018	.81486	90.393	.58404	.08334
#2	304.55	.51262	.21892	.34040	3.8079	.81796	92.939	.58276	.08380

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.823	.34496	.26030	32.968	.48792	2.1618	1.3659	28.166	.77069
Stddev	1.515	.00170	.00607	1.414	.00082	.0233	.0020	.047	.00378
%RSD	1.5813	.49321	2.3338	1.7048	.16876	1.0774	.14954	.16752	.48994

#1	94.751	.34616	.25601	81.968	.48850	2.1453	1.3645	28.132	.77336
#2	96.894	.34375	.26460	83.968	.48733	2.1783	1.3674	28.199	.76802

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22172	.29653	3.925	2.0722	10.615	3.4494
Stddev	.00616	.00652	.023	.0340	.317	.0372
%RSD	2.7762	2.1972	.3302	1.6408	2.9830	1.0794

#1	.21737	.29193	6.941	2.0482	10.391	3.4231
#2	.22608	.30114	6.909	2.0962	10.839	3.4757

Sample Name: J4658-03MS Acquired: 8/29/2018 15:29:14 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1722.2	50628.	2604.0	41.702	2519.0
Stddev	11.4	144.	9.8	.757	15.3
%RSD	.66001	.28492	.37639	1.8156	.60923
#1	1714.1	50526.	2597.1	42.238	2508.2
#2	1730.2	50730.	2610.9	41.167	2529.9

Sample Name: J4658-03MSD Acquired: 8/29/2018 15:33:09 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89558	2.0954	1.0380	2.2044	.87713	2.5228	.85764	.22338	.20672
Stddev	.00210	.0010	.0033	.0096	.00668	.0524	.00823	.00013	.00005
%RSD	.23478	.04692	.32205	.43752	.76129	2.0773	.95981	.05924	.02254

#1	.89409	2.0961	1.0404	2.2113	.88186	2.4857	.85182	.22329	.20668
#2	.89706	2.0947	1.0356	2.1976	.87241	2.5598	.86346	.22347	.20675

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	302.42	.51385	.21743	.33805	3.7200	.81595	31.968	.58299	.08297
Stddev	3.65	.00029	.00039	.00181	.0329	.00306	1.222	.00185	.00010
%RSD	1.2055	.05708	.17724	.53541	.88481	.37489	1.3288	.31797	.11920

#1	299.84	.51406	.21770	.33933	3.7432	.81379	91.104	.58430	.08304
#2	304.99	.51365	.21715	.33677	3.6967	.81811	92.832	.58167	.08290

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.868	.34350	.26168	33.043	.48298	2.1338	1.3617	28.182	.76551
Stddev	1.065	.00052	.00697	1.164	.00014	.0294	.0054	.000	.00174
%RSD	1.1107	.15022	2.6632	1.4011	.02848	1.3790	.39848	.00021	.22725

#1	95.115	.34314	.26661	82.220	.48308	2.1130	1.3579	28.182	.76674
#2	96.621	.34387	.25676	83.865	.48288	2.1547	1.3656	28.182	.76428

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22414	.29715	3.890	2.0842	10.473	5.4017
Stddev	.00151	.00335	.027	.0131	.060	.1860
%RSD	.67439	1.1269	.3929	.62661	.57040	3.4437

#1	.22521	.29478	6.909	2.0750	10.516	5.2702
#2	.22307	.29952	6.871	2.0934	10.431	5.5333

Sample Name: J4658-03MSD Acquired: 8/29/2018 15:33:09 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.7	50903.	2606.4	41.526	2534.6
Stddev	7.1	127.	18.5	1.309	15.1
%RSD	.41022	.25000	.70877	3.1512	.59761
#1	1730.7	50813.	2593.3	40.601	2523.9
#2	1740.8	50993.	2619.5	42.451	2545.3

Sample Name: J4658-03A Acquired: 8/29/2018 15:37:03 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.89353	2.0839	1.0356	2.2002	.87532	2.5069	.85882	.22316	.20620
Stddev	.00254	.0101	.0042	.0121	.00122	.0040	.00002	.00039	.00020
%RSD	.28465	.48476	.40137	.55180	.13978	.15867	.00266	.17617	.09581
#1	.89173	2.0768	1.0327	2.2087	.87618	2.5041	.85881	.22288	.20606
#2	.89533	2.0911	1.0385	2.1916	.87445	2.5097	.85884	.22344	.20634
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	302.11	.51183	.21634	.33575	3.7499	.81532	91.721	.57985	.08330
Stddev	1.58	.00203	.00029	.00011	.0930	.00426	.813	.00188	.00061
%RSD	.52234	.39712	.13331	.03307	2.4798	.52221	.88615	.32481	.73262
#1	301.00	.51326	.21614	.33568	3.8157	.81231	91.147	.57852	.08287
#2	303.23	.51039	.21655	.33583	3.6841	.81833	92.296	.58119	.08373
Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	95.800	.34571	.26354	33.026	.47900	2.1390	1.3572	28.170	.76371
Stddev	.303	.00509	.00943	.412	.00043	.0107	.0045	.046	.00176
%RSD	.31626	1.4719	3.5783	.49597	.08971	.50201	.33010	.16210	.23032
#1	95.585	.34211	.27021	82.735	.47931	2.1314	1.3541	28.202	.76247
#2	96.014	.34931	.25687	83.317	.47870	2.1466	1.3604	28.138	.76495
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.22185	.29852	6.865	2.0870	10.473	6.1831			
Stddev	.00054	.00186	.013	.0085	.003	.3700			
%RSD	.24536	.62331	.1899	.40562	.02543	6.2484			
#1	.22224	.29721	6.856	2.0810	10.471	6.1831			
#2	.22147	.29984	6.874	2.0930	10.475	5.6599			

Sample Name: J4658-03A Acquired: 8/29/2018 15:37:03 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1743.5	50940.	2616.1	41.160	2546.6
Stddev	1.8	30.	16.3	1.408	2.2
%RSD	.10552	.05952	.62213	3.4199	.08765
#1	1742.2	50961.	2604.6	40.165	2548.1
#2	1744.8	50918.	2627.6	42.156	2545.0

Sample Name: J4658-04 Acquired: 8/29/2018 15:40:58 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00445	.00316	.00353	.00793	.00223	.11952	.17049	.00019
Stddev	.00157	.00235	.00160	.00045	.00063	.00552	.00356	.00004
%RSD	35.254	74.348	45.176	5.6509	28.365	4.6213	2.0908	19.106

#1	.00556	-.00150	.00466	.00825	.00268	.11562	.16796	-.00017
#2	.00334	-.00481	.00241	.00761	.00179	.12343	.17301	-.00022

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00146	143.96	.00052	.00119	.04170	.18302	1.0364	20.147
Stddev	.00015	2.59	.00031	.00004	.00035	.00099	.0025	.421
%RSD	10.219	1.8020	58.699	3.6738	.83332	.54248	.24053	2.0909

#1	.00136	142.12	-.00074	.00122	.04195	.18373	1.0347	19.849
#2	.00157	145.79	-.00031	.00116	.04145	.18232	1.0382	20.445

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01748	.00071	15.663	.00718	.04698	35.143	.01222	.14841
Stddev	.00006	.00018	.188	.00043	.00064	1.238	.00021	.00766
%RSD	.35869	25.465	1.1997	6.0503	1.3724	1.4542	1.6825	5.1589

#1	.01744	.00084	15.530	.00687	.04744	84.268	.01237	.14299
#2	.01753	.00058	15.796	.00749	.04653	86.019	.01208	.15382

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6472	26.451	.00058	.00129	.00348	.0833	.82680	3.6135
Stddev	.0001	.030	.00184	.00194	.00019	.0009	.01136	.1138
%RSD	.00483	.11411	317.61	150.55	5.5193	1.035	1.3746	1.7207

#1	2.6472	26.429	.00072	.00008	.00362	.0827	.81876	6.6939
#2	2.6471	26.472	-.00188	-.00266	.00335	.0839	.83484	6.5330

Sample Name: J4658-04 Acquired: 8/29/2018 15:40:58 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .68812
Stddev 1.0755
%RSD 156.30

#1 -.07240
#2 1.4486

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.6	53028.	2675.9	45.802	2753.3
Stddev	10.9	280.	6.7	.805	21.4
%RSD	.60143	.52785	.25006	1.7582	.77610

#1	1808.9	52830.	2671.1	45.232	2738.2
#2	1824.3	53226.	2680.6	46.371	2768.4

Sample Name: PB112413BL Acquired: 8/29/2018 15:45:03 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00153	.00199	.00038	.00033	.00019	.01338	.00197	.00010
Stddev	.00124	.00069	.00072	.00127	.00080	.01134	.00018	.00004
%RSD	80.754	34.472	188.43	385.36	419.61	84.780	8.9253	39.248

#1	.00066	.00248	.00089	-.00057	.00076	-.00536	-.00209	-.00007
#2	.00240	.00151	-.00013	.00122	-.00038	-.02140	-.00185	-.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	.00069	.00049	.00005	.00010	.00707	.00008	.09678
Stddev	.00006	.01181	.00078	.00039	.00040	.00197	.00001	.03454
%RSD	54.674	1722.9	158.44	792.59	410.61	27.842	15.539	35.693

#1	.00006	.00766	.00104	-.00032	.00019	-.00846	-.00009	-.07236
#2	.00014	-.00904	-.00006	.00022	-.00038	-.00568	-.00007	-.12121

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00003	.48893	.00053	.00007	.04349	.00018	.00648
Stddev	.00032	.00002	.03077	.00001	.00015	.04482	.00025	.00401
%RSD	536.36	53.508	6.2926	1.2932	209.92	103.06	140.33	61.917

#1	-.00029	-.00002	-.46717	-.00053	-.00018	-.07519	-.00035	.00932
#2	.00017	-.00004	-.51068	-.00052	.00003	-.01180	.00000	.00364

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00312	.00980	.00116	.00112	.00335	.0044	.00009	F2.3635
Stddev	.00413	.00396	.00149	.00023	.00033	.0020	.00006	.2331
%RSD	132.61	40.426	128.81	20.759	9.8856	45.80	66.268	9.8626

#1	-.00019	.01261	-.00222	.00096	-.00358	-.0030	-.00013	2.1987
#2	-.00604	.00700	-.00010	.00129	-.00312	-.0058	-.00005	2.5283

Sample Name: PB112413BL Acquired: 8/29/2018 15:45:03 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F1.4968
Stddev .9028
%RSD 60.313

#1 2.1352
#2 .85845

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.7	57264.	2727.2	45.823	3149.7
Stddev	3.3	50.	25.8	.257	.0
%RSD	.16347	.08745	.94683	.56114	.00064

#1	1994.4	57229.	2709.0	46.005	3149.7
#2	1999.0	57300.	2745.5	45.641	3149.7

Sample Name: PB112413BS Acquired: 8/29/2018 15:49:12 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72953	1.8747	.90224	1.8352	.72443	1.8247	.19541
Stddev	.00271	.0003	.00046	.0010	.00432	.0223	.00363
%RSD	.37206	.01516	.05088	.05188	.59668	1.2251	1.8552
#1	.72761	1.8749	.90192	1.8345	.72748	1.8089	.19285
#2	.73145	1.8745	.90257	1.8358	.72137	1.8405	.19798
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18414	.17580	1.0302	.38457	.18120	.29767	2.8459
Stddev	.00037	.00031	.0296	.00011	.00022	.00064	.0510
%RSD	.19835	.17603	2.8755	.02793	.12064	.21640	1.7914
#1	.18440	.17558	1.0511	.38450	.18104	.29812	2.8099
#2	.18389	.17602	1.0092	.38465	.18135	.29721	2.8820
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19818	1.8633	.46035	.06928	F 2.5364	.28890	.19403
Stddev	.00061	.0088	.00014	.00064	.0254	.00150	.00117
%RSD	.30921	.46942	.03106	.92820	1.0013	.51768	.60172
#1	.19861	1.8695	.46025	.06973	2.5185	.28996	.19321
#2	.19774	1.8571	.46045	.06883	2.5544	.28784	.19486
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8358	.39553	.31249	F .00933	.92769	.64198	.19426
Stddev	.2227	.00034	.01362	.00224	.00661	.00155	.00675
%RSD	2.2645	.08541	4.3582	23.971	.71236	.24193	3.4752
#1	9.6783	.39577	.32212	-.00775	.92302	.64307	.18949
#2	9.9933	.39529	.30286	-.01091	.93236	.64088	.19904

Sample Name: PB112413BS Acquired: 8/29/2018 15:49:12 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18590	F 5.236	.20195	F 2.0914	F < .00000
Stddev	.00413	.018	.00423	.0919	2.6736
%RSD	2.2190	.3363	2.0930	4.3935	134.96

#1	.18299	5.224	.19896	2.1564	-.09049
#2	.18882	5.249	.20494	2.0265	-3.8715

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.1	57696.	2776.8	46.991	3125.4
Stddev	10.9	431.	7.6	.154	8.4
%RSD	.54458	.74769	.27293	.32831	.26924

#1	2001.4	57391.	2782.2	47.100	3119.5
#2	2016.9	58001.	2771.5	46.882	3131.4

Sample Name: CCV05 Acquired: 8/29/2018 15:53:08 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9399	4.9419	4.8881	4.9336	4.8976	10.006	9.9399	24676
Stddev	.0078	.0181	.0251	.0185	.0132	.223	.0661	.00000
%RSD	.15807	.36667	.51398	.37413	.26927	2.2275	.66457	.00133

#1	4.9344	4.9291	4.8704	4.9206	4.8883	9.8481	9.8932	24675
#2	4.9454	4.9547	4.9059	4.9467	4.9069	10.163	9.9866	24676

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3925	25.331	98156	2.4141	1.2497	5.0424	2.4902	24.716
Stddev	.0032	.374	.00048	.0072	.0039	.1669	.0005	.298
%RSD	.13541	1.4775	.04904	.29776	.31414	3.3090	.01923	1.2061

#1	2.3902	25.066	98190	2.4090	1.2469	4.9245	2.4905	24.505
#2	2.3948	25.596	98122	2.4192	1.2525	5.1604	2.4899	24.927

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4393	1.2441	25.102	2.4804	2.5301	25.750	5.0651	5.1123
Stddev	.0092	.0016	.233	.0014	.0066	.403	.0231	.1073
%RSD	.37787	.12737	.92956	.05582	.25956	1.5632	.45607	2.0982

#1	2.4327	1.2452	24.937	2.4814	2.5255	25.465	5.0487	5.0364
#2	2.4458	1.2430	25.267	2.4794	2.5348	26.035	5.0814	5.1881

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8654	5.1704	4.9537	4.9349	4.9493	5.093	5.1462	F 4.3287
Stddev	.0222	.0033	.0115	.0510	.0321	.002	.0407	.1262
%RSD	.45625	.06424	.23151	1.0346	.64818	.0355	.79149	2.9161

#1	4.8811	5.1728	4.9618	4.8988	4.9266	5.095	5.1174	4.4180
#2	4.8497	5.1681	4.9455	4.9710	4.9720	5.092	5.1750	4.2394

Sample Name: CCV05 Acquired: 8/29/2018 15:53:08 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0290
Stddev .2152
%RSD 5.3422

#1 4.1811
#2 3.8768

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.3	54502.	2768.4	43.958	2817.0
Stddev	.9	64.	22.1	.000	1.3
%RSD	.04868	.11827	.79986	.00048	.04727

#1	1924.0	54457.	2752.7	43.958	2816.0
#2	1922.6	54548.	2784.0	43.958	2817.9

Sample Name: CCB05 Acquired: 8/29/2018 15:56:57 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00188	.00137	.00084	.00074	.01078	.00179
Stddev	.00004	.00146	.00067	.00115	.00075	.01736	.00017
%RSD	138.91	77.808	48.822	138.10	101.84	161.07	9.3145

#1	.00006	.00291	.00184	.00165	-.00021	-.02305	-.00190
#2	.00000	.00084	.00090	.00002	-.00127	.00150	-.00167

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00007	.01577	.00006	.00003	.00009	.00650
Stddev	.00003	.00001	.00654	.00044	.00003	.00044	.01463
%RSD	31.212	14.606	41.449	775.31	80.340	477.15	225.10

#1	-.00007	.00008	-.01115	.00026	-.00005	.00041	-.00384
#2	-.00011	.00007	-.02039	-.00037	-.00001	-.00022	.01684

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.02759	.00012	.00036	.52195	.00034	.00013
Stddev	.00006	.01868	.00007	.00034	.03516	.00073	.00000
%RSD	509.29	67.706	55.463	95.308	6.7357	218.05	2.0213

#1	.00003	-.01438	-.00017	-.00012	-.49709	.00018	-.00013
#2	-.00005	-.04079	-.00007	-.00061	-.54681	-.00085	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02517	.00027	.02021	.00389	.00488	.00015	.00245
Stddev	.01794	.00024	.00191	.00023	.00211	.00023	.00192
%RSD	71.286	89.972	9.4358	5.9038	43.319	155.20	78.252

#1	-.03785	.00044	.02156	-.00405	.00638	.00001	.00110
#2	-.01248	.00010	.01886	-.00372	.00339	-.00031	.00381

Sample Name: CCB05 Acquired: 8/29/2018 15:56:57 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00365	.0082	.00013	F 2.4839	F<00000
Stddev	.00072	.0001	.00022	.3505	1.1030
%RSD	19.748	.7096	176.43	14.112	147.40
#1	-.00417	-.0081	.00028	2.7317	-1.5282
#2	-.00314	-.0082	-.00003	2.2360	.03162
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.3	57561.	2748.0	44.545	3155.0
Stddev	22.4	98.	20.9	1.575	37.5
%RSD	1.1193	.16949	.76072	3.5355	1.1887
#1	1983.5	57492.	2733.2	43.432	3128.4
#2	2015.2	57630.	2762.8	45.659	3181.5

Sample Name: PB112472BL Acquired: 8/29/2018 16:01:03 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	.00016	.00104	.00270	.00061	.01595	.00101
Stddev	.00389	.00086	.00058	.00383	.00154	.01129	.00014
%RSD	359.38	523.34	55.531	141.59	251.11	70.775	14.160

#1	-.00384	-.00077	.00063	.00000	-.00170	-.02393	-.00112
#2	.00167	.00044	.00145	-.00541	.00048	-.00797	-.00091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00009	.01870	.00020	.00039	.00009	.00792
Stddev	.00002	.00003	.02774	.00013	.00011	.00024	.01728
%RSD	151.41	30.262	148.35	62.971	27.357	255.90	218.15

#1	.00000	.00011	.03831	.00011	-.00032	-.00026	.00430
#2	-.00003	.00007	-.00092	.00029	-.00047	.00007	-.02014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.09821	.00001	.00040	.53643	.00069	.00009
Stddev	.00002	.01530	.00003	.00017	.00987	.00024	.00006
%RSD	127.87	15.581	272.45	43.937	1.8396	34.165	75.835

#1	.00000	-.08739	-.00001	-.00052	-.52946	-.00052	-.00004
#2	-.00002	-.10903	.00004	-.00027	-.54341	-.00085	-.00013

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00941	.00019	.01868	F .01021	.00645	.00055	.00279
Stddev	.00160	.00018	.01479	.00256	.00353	.00071	.00146
%RSD	17.017	98.831	79.153	25.036	54.712	128.90	52.408

#1	-.01054	-.00006	.00823	-.00840	.00396	-.00105	.00382
#2	-.00828	-.00031	.02914	-.01202	.00895	-.00005	.00175

Sample Name: PB112472BL Acquired: 8/29/2018 16:01:03 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00342	.0026	.00011	F2.4703	F<00000
Stddev	.00094	.0006	.00012	.0331	.10505
%RSD	27.413	24.30	109.88	1.3413	19.635

#1	-.00276	-.0031	-.00020	2.4469	-.60931
#2	-.00408	-.0022	-.00003	2.4938	-.46075

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.7	57265.	2757.3	43.907	3157.8
Stddev	9.1	118.	3.4	1.694	21.1
%RSD	.45511	.20692	.12158	3.8578	.66679

#1	1998.3	57181.	2759.7	45.105	3142.9
#2	2011.2	57348.	2754.9	42.709	3172.7

Sample Name: PB112472BS Acquired: 8/29/2018 16:05:09 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71617	1.7957	.87262	1.7633	.73690	1.8567	.19884
Stddev	.00794	.0022	.00330	.0048	.00427	.0180	.00266
%RSD	1.1091	.12104	.37848	.27016	.57978	.96868	1.3388

#1	.71056	1.7941	.87495	1.7599	.73992	1.8439	.19695
#2	.72179	1.7972	.87028	1.7666	.73388	1.8694	.20072

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17605	.17052	1.0475	.38716	.18061	.29361	2.9597
Stddev	.00003	.00085	.0066	.00225	.00007	.00117	.0384
%RSD	.01668	.50072	.63147	.58224	.04106	.40014	1.2985

#1	.17603	.16992	1.0522	.38875	.18056	.29278	2.9326
#2	.17607	.17112	1.0428	.38557	.18067	.29445	2.9869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19842	1.8829	.45176	.06728	2.5587	.29694	.20727
Stddev	.00001	.0334	.00224	.00007	.0388	.00025	.00180
%RSD	.00431	1.7763	.49682	.10751	1.5160	.08293	.86899

#1	.19841	1.9065	.45017	.06733	2.5313	.29677	.20854
#2	.19842	1.8592	.45335	.06723	2.5862	.29711	.20600

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9476	.42016	.31757	F .00554	.93408	.63925	.20614
Stddev	.2524	.00119	.01250	.00194	.00743	.00456	.00239
%RSD	2.5372	.28326	3.9371	35.087	.79564	.71390	1.1578

#1	9.7692	.41932	.30873	-.00417	.92883	.63602	.20783
#2	10.126	.42101	.32642	-.00692	.93934	.64248	.20446

Sample Name: PB112472BS Acquired: 8/29/2018 16:05:09 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19334	4.974	.20501	F2.4191	F<00000
Stddev	.00498	.002	.00319	.0515	.03131
%RSD	2.5750	.0375	1.5539	2.1272	1.8253

#1	.18982	4.975	.20276	2.3828	-1.7377
#2	.19686	4.973	.20726	2.4555	-1.6934

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1925.5	56369.	2676.3	42.880	3054.0
Stddev	4.1	229.	2.8	.530	5.8
%RSD	.21044	.40687	.10400	1.2368	.18996

#1	1922.6	56206.	2674.3	42.505	3049.9
#2	1928.3	56531.	2678.3	43.255	3058.1

Sample Name: PB112472TB Acquired: 8/29/2018 16:09:05 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	.00104	.00016	.00078	.00078	.00460	.00286	.00021
Stddev	.00441	.00006	.00008	.00246	.00119	.01835	.00023	.00001
%RSD	448.67	5.8290	51.295	314.55	151.82	398.69	8.0265	4.8840

#1	-.00410	-.00100	-.00010	-.00096	-.00162	-.01758	-.00302	-.00020
#2	.00214	-.00108	-.00021	.00253	.00006	.00837	-.00269	-.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00386	.00151	.00057	.00027	.00858	.00006	.01306
Stddev	.00011	.01413	.00024	.00056	.00016	.01927	.00006	.01498
%RSD	86.772	366.21	16.014	99.062	58.754	224.61	102.57	114.65

#1	.00020	-.01385	.00168	-.00017	.00016	.02221	.00002	-.00247
#2	.00005	.00613	.00134	-.00097	.00038	-.00505	.00010	-.02366

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00118	.00014	F 374.99	.00120	.00362	.01572	.00014	.00845
Stddev	.00001	.00017	10.24	.00078	.00012	.03635	.00011	.00159
%RSD	.55756	117.59	2.7313	65.316	3.2636	231.16	75.340	18.867

#1	.00118	-.00026	367.75	-.00064	.00354	.00998	-.00022	.00958
#2	.00119	-.00002	382.24	-.00175	.00371	-.04143	-.00007	.00732

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.01211	.00182	.00173	.00160	.0035	.00007	F 3.5597
Stddev	.00110	.00028	.00033	.00321	.00156	.0007	.00003	.0223
%RSD	4040.5	2.3150	18.351	185.74	97.296	20.77	46.745	.62713

#1	-.00075	.01192	.00206	-.00054	-.00050	-.0030	-.00005	3.5439
#2	.00080	.01231	.00158	.00399	-.00271	-.0040	-.00010	3.5755

Sample Name: PB112472TB Acquired: 8/29/2018 16:09:05 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 5.9265
Stddev	1.1973
%RSD	20.202

#1	6.7731
#2	5.0799

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.9	52351.	2734.4	45.552	2717.5
Stddev	9.9	278.	6.1	.016	11.8
%RSD	.53961	.53042	.22486	.03528	.43570

#1	1827.9	52154.	2738.8	45.564	2709.1
#2	1841.9	52547.	2730.1	45.541	2725.8

Sample Name: PB112468BL Acquired: 8/29/2018 16:13:18 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	.00018	.00122	.00130	.00001	.01063	.00202
Stddev	.00377	.00060	.00007	.00065	.00136	.01210	.00092
%RSD	1449.6	335.47	5.6671	49.992	9867.0	113.83	45.666

#1	.00293	-.00060	.00127	-.00084	.00097	-.00207	-.00137
#2	-.00241	.00024	.00117	-.00176	-.00095	-.01919	-.00267

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00007	.00051	.00072	.00012	.00010	.00601
Stddev	.00006	.00016	.02495	.00010	.00049	.00013	.00384
%RSD	110.36	227.05	4875.1	14.354	410.26	132.41	63.948

#1	-.00010	-.00004	.01816	.00080	-.00047	.00019	.00872
#2	-.00001	.00019	-.01713	.00065	.00023	.00001	.00329

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.04676	.00019	.00006	.50470	.00005	.00016
Stddev	.00009	.00617	.00012	.00005	.04732	.00052	.00015
%RSD	946.47	13.203	65.073	88.138	9.3767	953.47	95.821

#1	.00007	-.05112	.00010	.00002	-.47124	-.00042	-.00005
#2	-.00006	-.04239	.00027	.00010	-.53816	.00031	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04973	.00016	.00724	.00729	.00502	.00016	.00488
Stddev	.01389	.00021	.00452	.00400	.00057	.00038	.00185
%RSD	27.926	130.97	62.434	54.841	11.406	243.56	37.882

#1	-.03991	-.00031	.00405	-.01012	.00542	.00011	.00357
#2	-.05955	-.00001	.01044	-.00446	.00461	-.00042	.00619

Sample Name: PB112468BL Acquired: 8/29/2018 16:13:18 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00219	.0040	.00012	F 2.1583	F<00000
Stddev	.00029	.0033	.00000	.0879	.48728
%RSD	13.325	82.62	1.8390	4.0711	169.09

#1	-.00240	-.0017	-.00012	2.0962	-.63275
#2	-.00199	-.0064	-.00012	2.2204	.05638

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2008.4	57508.	2760.3	45.555	3168.6
Stddev	14.4	251.	29.5	1.131	14.8
%RSD	.71489	.43686	1.0702	2.4836	.46773

#1	1998.2	57330.	2739.4	44.755	3158.2
#2	2018.5	57685.	2781.2	46.355	3179.1

Sample Name: PB112468BS Acquired: 8/29/2018 16:17:24 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.72196	1.7935	.87447	1.7708	.73778	1.8680	.19973
Stddev	.00135	.0019	.00100	.0040	.00581	.0303	.00299
%RSD	.18656	.10434	.11450	.22850	.78792	1.6235	1.4986
#1	.72101	1.7948	.87517	1.7736	.74189	1.8466	.19761
#2	.72292	1.7922	.87376	1.7679	.73367	1.8895	.20185
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17727	.17117	1.0377	.39091	.18115	.29548	2.9776
Stddev	.00107	.00017	.0556	.00171	.00052	.00044	.1546
%RSD	.60240	.09890	5.3599	.43645	.28702	.14830	5.1927
#1	.17803	.17105	.99838	.39212	.18078	.29517	2.8683
#2	.17652	.17129	1.0770	.38970	.18152	.29579	3.0870
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19996	1.9195	.45304	.06828	2.5848	.29849	.20606
Stddev	.00064	.0396	.00142	.00016	.0356	.00067	.00810
%RSD	.32200	2.0608	.31346	.22969	1.3780	.22413	3.9321
#1	.20042	1.9474	.45404	.06817	2.5596	.29896	.20033
#2	.19951	1.8915	.45203	.06839	2.6100	.29802	.21179
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9343	.42104	.32109	F .00774	.94645	.64178	.20440
Stddev	.1892	.00161	.01022	.00008	.00035	.00093	.00280
%RSD	1.9046	.38151	3.1832	1.0665	.03742	.14481	1.3695
#1	9.8005	.42217	.31386	-.00780	.94620	.64244	.20242
#2	10.068	.41990	.32832	-.00768	.94670	.64112	.20638

Sample Name: PB112468BS Acquired: 8/29/2018 16:17:24 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19355	5.008	.20737	F2.2317	F<00000
Stddev	.00166	.004	.00403	.4008	.88615
%RSD	.85818	.0713	1.9414	17.959	34.076
#1	.19237	5.005	.20452	2.5151	-1.9739
#2	.19472	5.010	.21021	1.9483	-3.2271
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.7	56242.	2674.0	43.477	3069.1
Stddev	10.1	406.	2.8	1.434	16.4
%RSD	.52261	.72136	.10530	3.2971	.53422
#1	1927.6	55955.	2675.9	44.491	3057.5
#2	1941.9	56528.	2672.0	42.464	3080.7

Sample Name: J4663-02 Acquired: 8/29/2018 16:21:20 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00311	.00051	.03870	.00580	.00370	.11568	.16268	.00007
Stddev	.00171	.00002	.00115	.00100	.00016	.00159	.00148	.00003
%RSD	54.959	4.7062	2.9697	17.224	4.2640	1.3769	.90737	40.758

#1	.00432	-.00052	.03951	.00509	-.00382	.11681	.16164	.00009
#2	.00190	-.00049	.03788	.00650	-.00359	.11456	.16372	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	21.481	.00001	.01039	.00627	5.9256	.60151	1.5966
Stddev	.00001	.201	.00009	.00010	.00039	.2717	.00269	.0468
%RSD	1.8303	.93602	1732.7	.98814	6.1733	4.5850	.44668	2.9324

#1	.00047	21.338	-.00006	.01047	.00600	5.7335	.59961	1.6297
#2	.00046	21.623	.00007	.01032	.00655	6.1177	.60341	1.5635

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00813	.00039	326.79	.00019	.08137	2.0957	.00019	.03281
Stddev	.00026	.00022	3.45	.00001	.00228	.0078	.00029	.00604
%RSD	3.1623	57.038	1.0552	6.6749	2.8033	.37183	155.19	18.413

#1	.00795	.00023	324.36	.00018	.07975	2.0902	-.00039	.03708
#2	.00831	.00055	329.23	.00020	.08298	2.1012	.00002	.02854

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.58664	1.3942	.00084	.00315	.00072	.0025	.13516	4.2337
Stddev	.00315	.0222	.00051	.00149	.00102	.0047	.00185	.3901
%RSD	.53678	1.5921	60.902	47.296	141.24	189.3	1.3692	9.2132

#1	.58441	1.4099	-.00048	.00420	-.00144	.0058	.13385	3.9579
#2	.58886	1.3786	-.00121	.00210	.00000	-.0008	.13647	4.5095

Sample Name: J4663-02 Acquired: 8/29/2018 16:21:20 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	11.464
Stddev	3.223
%RSD	28.110

#1	9.1855
#2	13.743

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1846.6	53058.	2750.1	46.220	2716.6
Stddev	3.3	142.	28.2	1.199	.4
%RSD	.17804	.26843	1.0261	2.5938	.01369

#1	1844.3	52957.	2730.2	47.068	2716.8
#2	1848.9	53159.	2770.1	45.373	2716.3

Sample Name: J4663-02DUP Acquired: 8/29/2018 16:25:32 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00191	.00498	.03888	.00613	.00142	.12332	.16331	.00015
Stddev	.00114	.00330	.00051	.00460	.00190	.00837	.00105	.00003
%RSD	59.693	66.220	1.3000	75.023	134.01	6.7896	.64177	19.132

#1	-.00111	-.00731	.03924	.00938	-.00276	.12924	.16256	.00013
#2	-.00272	-.00265	.03852	.00288	-.00007	.11740	.16405	.00017

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	21.194	.00037	.01023	.00602	5.9446	.60026	1.5442
Stddev	.00001	.277	.00053	.00028	.00020	.0130	.00041	.0330
%RSD	3.3935	1.3071	141.59	2.7690	3.4048	.21895	.06766	2.1365

#1	.00035	20.998	.00000	.01003	.00616	5.9354	.60055	1.5208
#2	.00033	21.389	-.00075	.01043	.00587	5.9538	.59997	1.5675

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00784	.00006	322.69	.00030	.08209	2.0705	.00014	.03504
Stddev	.00010	.00041	7.00	.00011	.00119	.0372	.00009	.00989
%RSD	1.3330	665.31	2.1677	37.573	1.4469	1.7965	63.615	28.239

#1	.00791	.00023	317.74	-.00037	.08293	2.0442	.00021	.04203
#2	.00777	-.00035	327.64	-.00022	.08125	2.0968	.00008	.02804

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.59188	1.3816	.00080	.00228	.00048	.0015	.13371	4.3054
Stddev	.00390	.0131	.00036	.00041	.00092	.0011	.00114	.0831
%RSD	.65920	.94488	45.105	18.179	192.63	75.03	.85160	1.9302

#1	.58912	1.3908	.00105	.00199	.00017	.0023	.13290	4.3641
#2	.59464	1.3724	.00054	.00258	-.00112	.0007	.13451	4.2466

Sample Name: J4663-02DUP Acquired: 8/29/2018 16:25:32 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	14.071
Stddev	.274
%RSD	1.9487

#1	14.265
#2	13.878

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.9	53012.	2785.0	45.745	2725.5
Stddev	4.1	107.	14.9	.765	5.5
%RSD	.22336	.20241	.53341	1.6722	.20059

#1	1857.9	52936.	2774.5	45.205	2729.4
#2	1852.0	53088.	2795.5	46.286	2721.6

Sample Name: J4663-02LX5 Acquired: 8/29/2018 16:29:43 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00127	.00182	.00725	.00018	.00055	.01183	.02958	.00003
Stddev	.00032	.00114	.00018	.00179	.00172	.00736	.00057	.00005
%RSD	25.125	62.618	2.5108	1016.9	312.87	62.206	1.9363	153.89

#1	-.00150	-.00263	.00712	.00109	-.00177	.01704	.02918	-.00007
#2	-.00104	-.00101	.00738	-.00145	.00067	.00663	.02999	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	4.1817	.11282	.00336	.00251	1.6323	.13429	.25863
Stddev	.00008	.1028	.00009	.00013	.00034	.0050	.00020	.03238
%RSD	92.317	2.4582	.07614	3.8638	13.501	.30534	.15197	12.520

#1	.00003	4.1091	.11276	.00345	.00275	1.6288	.13414	.28153
#2	.00015	4.2544	.11288	.00326	.00227	1.6358	.13443	.23574

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06890	.00007	34.833	.00029	.01840	.34541	.01364	.01188
Stddev	.00049	.00002	.653	.00018	.00014	.03368	.00007	.00593
%RSD	.71291	26.394	1.0068	60.728	.74643	9.7509	.52153	49.922

#1	.06855	-.00006	64.371	.00042	.01850	.32160	.01359	.00769
#2	.06924	-.00008	65.294	.00017	.01830	.36923	.01369	.01607

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11003	.29446	.00088	.00180	.00036	.0025	.02676	2.8013
Stddev	.00446	.00180	.00069	.00226	.00043	.0017	.00065	.3738
%RSD	4.0521	.61087	78.520	125.61	117.29	68.27	2.4215	13.344

#1	.11319	.29573	-.00137	.00340	-.00067	-.0037	.02631	3.0656
#2	.10688	.29318	-.00039	.00020	-.00006	-.0013	.02722	2.5369

Sample Name: J4663-02LX5 Acquired: 8/29/2018 16:29:43 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.7228
Stddev	1.0050
%RSD	26.997

#1	3.0121
#2	4.4334

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.1	56425.	2822.5	46.817	3001.2
Stddev	2.2	419.	14.0	.314	2.3
%RSD	.11298	.74302	.49537	.67014	.07533

#1	1974.5	56129.	2812.6	46.595	2999.6
#2	1977.7	56722.	2832.4	47.039	3002.8

Sample Name: J4663-02MS Acquired: 8/29/2018 16:33:50 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86394	2.0262	1.0579	2.1510	.83102	2.3678	.38413	.21477	.20757
Stddev	.00433	.0063	.0022	.0168	.00332	.0317	.00659	.00009	.00103
%RSD	.50079	.31192	.21079	.78087	.39976	1.3381	1.7144	.04203	.49519

#1	.86088	2.0218	1.0564	2.1391	.82867	2.3454	.37947	.21484	.20684
#2	.86700	2.0307	1.0595	2.1629	.83337	2.3902	.38878	.21471	.20829

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.313	.43516	.22205	.32457	9.1602	.80818	3.6750	.54039	.07867
Stddev	.395	.00065	.00080	.00010	.1989	.00017	.0130	.00252	.00008
%RSD	1.7712	.14950	.36151	.03181	2.1713	.02143	.35397	.46714	.10344

#1	22.034	.43470	.22148	.32450	9.0195	.80806	3.6658	.53861	.07873
#2	22.593	.43562	.22262	.32465	9.3008	.80830	3.6842	.54218	.07861

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	320.35	.33441	.29116	13.685	.45405	.35162	.58237	2.3620	.74897
Stddev	8.32	.00094	.00132	.251	.00171	.00747	.00088	.0091	.00268
%RSD	2.5973	.27988	.45342	1.8359	.37740	2.1238	.15056	.38333	.35728

#1	314.47	.33375	.29023	13.507	.45284	.34634	.58175	2.3556	.74708
#2	326.23	.33507	.29209	13.863	.45526	.35690	.58299	2.3684	.75087

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22536	.21958	6.593	.35747	4.0170	12.847
Stddev	.00067	.00255	.028	.00327	.1606	.582
%RSD	.29637	1.1604	.4292	.91349	3.9969	4.5287

#1	.22489	.21778	6.573	.35516	4.1305	12.436
#2	.22584	.22138	6.613	.35978	3.9035	13.258

Sample Name: J4663-02MS Acquired: 8/29/2018 16:33:50 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1846.8	52724.	2754.0	45.398	2698.3
Stddev	1.0	183.	.7	.022	1.0
%RSD	.05500	.34797	.02649	.04955	.03745
#1	1846.1	52594.	2754.5	45.414	2699.0
#2	1847.6	52854.	2753.4	45.382	2697.6

Sample Name: J4663-02MSD Acquired: 8/29/2018 16:37:52 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86452	2.0444	1.0645	2.1793	.83513	2.4041	.39001	.21608	.20849
Stddev	.00564	.0041	.0004	.0027	.00019	.0424	.00169	.00149	.00036
%RSD	.65270	.20162	.03697	.12585	.02320	1.7624	.43329	.69082	.17142

#1	.86851	2.0473	1.0642	2.1774	.83499	2.3742	.38882	.21713	.20874
#2	.86053	2.0415	1.0648	2.1813	.83526	2.4341	.39121	.21502	.20824

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.510	.43990	.22420	.32821	9.2156	.81100	3.7584	.54336	.07982
Stddev	.155	.00265	.00004	.00109	.2141	.00343	.0206	.00062	.00116
%RSD	.69059	.60215	.01659	.33343	2.3230	.42263	.54836	.11326	1.4487

#1	22.400	.44177	.22423	.32898	9.0643	.81343	3.7438	.54379	.08064
#2	22.619	.43803	.22418	.32743	9.3670	.80858	3.7730	.54292	.07901

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	324.30	.33742	.29279	13.977	.45691	.36568	.57663	2.3500	.75204
Stddev	8.52	.00322	.00250	.157	.00102	.00192	.00624	.0106	.00102
%RSD	2.6281	.95540	.85250	1.1248	.22416	.52531	1.0824	.45257	.13553

#1	318.27	.33970	.29103	13.866	.45619	.36432	.58105	2.3575	.75132
#2	330.33	.33514	.29456	14.088	.45763	.36704	.57222	2.3425	.75276

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22388	.22475	6.620	.36306	4.2194	11.237
Stddev	.00291	.00283	.003	.00162	.1216	.286
%RSD	1.3018	1.2605	.0391	.44521	2.8806	2.5438

#1	.22181	.22275	6.621	.36192	4.1335	11.439
#2	.22594	.22676	6.618	.36420	4.3054	11.035

Sample Name: J4663-02MSD Acquired: 8/29/2018 16:37:52 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1838.6	52809.	2748.7	45.175	2688.9
Stddev	2.9	395.	5.4	.267	5.3
%RSD	.15535	.74738	.19790	.59069	.19790
#1	1836.6	52530.	2744.9	45.364	2685.2
#2	1840.7	53088.	2752.6	44.986	2692.7

Sample Name: CCV06 Acquired: 8/29/2018 16:41:53 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9553	4.9567	4.9016	4.9428	4.9356	10.053	10.062	.24633
Stddev	.0234	.0106	.0040	.0261	.0251	.161	.087	.00120
%RSD	.47309	.21475	.08255	.52855	.50965	1.6011	.86334	.48840

#1	4.9719	4.9642	4.9045	4.9612	4.9534	9.9390	10.000	.24548
#2	4.9387	4.9491	4.8987	4.9243	4.9178	10.167	10.123	.24718

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4022	25.294	.97947	2.4225	1.2539	4.8738	2.4899	24.739
Stddev	.0020	.197	.00596	.0035	.0050	.0261	.0115	.230
%RSD	.08356	.77870	.60840	.14445	.40177	.53579	.46336	.92873

#1	2.4036	25.155	.97526	2.4249	1.2574	4.8922	2.4818	24.577
#2	2.4008	25.433	.98369	2.4200	1.2503	4.8553	2.4981	24.902

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4389	1.2371	25.224	2.4823	2.4520	25.714	5.0693	5.1212
Stddev	.0021	.0031	.252	.0086	.0489	.177	.0227	.0338
%RSD	.08411	.25308	.99902	.34757	1.9948	.68865	.44876	.65982

#1	2.4403	1.2349	25.046	2.4762	2.4866	25.589	5.0854	5.0973
#2	2.4374	1.2393	25.402	2.4884	2.4174	25.839	5.0532	5.1451

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8718	5.1839	4.9285	4.9677	5.0017	5.105	5.2480	F 3.9432
Stddev	.0035	.0030	.0168	.0367	.0448	.008	.0466	.2919
%RSD	.07174	.05714	.34125	.73886	.89612	.1483	.88847	7.4032

#1	4.8742	5.1860	4.9404	4.9418	4.9700	5.110	5.2150	3.7368
#2	4.8693	5.1818	4.9166	4.9937	5.0334	5.100	5.2810	4.1496

Sample Name: CCV06 Acquired: 8/29/2018 16:41:53 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.5572
Stddev	.1363
%RSD	8.7555

#1	1.4608
#2	1.6536

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1925.5	54928.	2774.9	45.536	2825.1
Stddev	14.1	19.	19.6	1.041	13.6
%RSD	.73143	.03541	.70658	2.2851	.48130

#1	1915.5	54942.	2761.1	44.801	2815.5
#2	1935.5	54915.	2788.8	46.272	2834.7

Sample Name: CCB06 Acquired: 8/29/2018 16:45:41 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00099	.00147	.00127	.00022	.00018	.01629	.00138	.00009
Stddev	.00032	.00130	.00066	.00006	.00365	.01196	.00016	.00011
%RSD	32.141	88.735	51.915	27.518	2043.4	73.408	11.659	125.89

#1	-.00077	.00055	.00080	.00026	-.00240	-.00783	-.00149	-.00017
#2	-.00122	.00239	.00173	.00018	.00276	-.02474	-.00126	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00231	.00030	.00006	.00005	.01699	.00000	.08290
Stddev	.00013	.00792	.00014	.00018	.00051	.00222	.0000	.03448
%RSD	107.97	342.81	46.426	286.66	1020.7	13.058	178.20	41.591

#1	.00021	-.00791	.00020	.00007	-.00041	-.01543	.00000	-.05852
#2	.00003	.00329	.00040	-.00019	.00031	-.01856	-.00001	-.10728

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00069	.49206	.00007	.00001	.06190	.00026	.02158
Stddev	.00047	.00002	.03565	.00003	.00006	.05661	.00012	.00818
%RSD	683.74	2.6463	7.2454	43.199	574.59	91.457	47.375	37.919

#1	-.00026	-.00070	-.46685	.00005	-.00005	-.02187	.00035	.01579
#2	.00040	-.00068	-.51726	.00009	.00003	-.10193	.00017	.02736

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00440	.00831	.00086	.00209	.00228	.0027	.00020	F2.2415
Stddev	.00173	.00048	.00042	.00084	.00016	.0014	.00005	.0028
%RSD	39.384	5.7906	48.928	40.317	7.2066	53.25	26.275	.12514

#1	-.00562	.00865	-.00056	.00269	-.00240	-.0017	.00024	2.2395
#2	-.00317	.00797	-.00115	.00149	-.00216	-.0037	.00016	2.2435

Sample Name: CCB06 Acquired: 8/29/2018 16:45:41 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F.08785
Stddev	2.0594
%RSD	2344.3

#1	1.5440
#2	-1.3684

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1997.5	57204.	2772.7	47.843	3145.7
Stddev	8.9	22.	24.0	.807	12.4
%RSD	.44359	.03822	.86556	1.6862	.39327

#1	1991.2	57189.	2789.7	47.273	3137.0
#2	2003.7	57220.	2755.8	48.414	3154.5

Sample Name: J4663-02A Acquired: 8/29/2018 16:49:50 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.86214	2.0236	1.0566	2.1539	.82778	2.4119	.38682	.21611	.20712
Stddev	.00273	.0015	.0023	.0020	.00175	.0492	.00260	.00006	.00016
%RSD	.31626	.07252	.21552	.09164	.21115	2.0416	.67199	.02907	.07900

#1	.86022	2.0246	1.0582	2.1525	.82654	2.3771	.38498	.21607	.20723
#2	.86407	2.0225	1.0550	2.1553	.82902	2.4467	.38866	.21615	.20700

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.347	.43815	.22193	.32415	9.0701	.80703	3.6668	.53988	.07858
Stddev	.253	.00010	.00066	.00120	.2844	.00240	.1007	.00004	.00146
%RSD	1.1333	.02330	.29739	.36868	3.1356	.29753	2.7458	.00826	1.8557

#1	22.168	.43808	.22146	.32330	9.2712	.80534	3.5956	.53984	.07754
#2	22.526	.43822	.22240	.32499	8.8690	.80873	3.7380	.53991	.07961

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	320.16	.33520	.28919	13.906	.45364	.36128	.57175	2.3421	.74772
Stddev	6.35	.00164	.01180	.095	.00290	.02326	.00341	.0001	.00599
%RSD	1.9844	.48879	4.0805	.68456	.63996	6.4381	.59728	.00473	.80132

#1	315.67	.33404	.29753	13.839	.45159	.34484	.57417	2.3420	.74348
#2	324.65	.33636	.28084	13.973	.45569	.37773	.56934	2.3422	.75196

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22546	.22155	6.590	.35969	4.0862	13.818
Stddev	.00225	.00085	.008	.00451	.1818	.475
%RSD	.99587	.38425	.1253	1.2526	4.4500	3.4363

#1	.22387	.22095	6.596	.35650	4.2148	14.154
#2	.22705	.22215	6.585	.36287	3.9576	13.482

Sample Name: J4663-02A Acquired: 8/29/2018 16:49:50 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.1	52824.	2752.6	45.833	2704.8
Stddev	5.4	31.	21.6	2.056	12.7
%RSD	.28866	.05950	.78539	4.4869	.47044
#1	1850.4	52846.	2737.3	44.379	2695.8
#2	1857.9	52801.	2767.8	47.287	2713.8

Sample Name: J4677-01 Acquired: 8/29/2018 16:53:51 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00197	.00450	.30747	.00798	.00027	.12646	.28493	.00017
Stddev	.00055	.00091	.00062	.00479	.00190	.02848	.00375	.00002
%RSD	28.029	20.258	.20270	59.973	694.15	22.521	1.3164	9.9057

#1	-.00158	-.00514	.30703	.01137	-.00107	.14660	.28228	-.00015
#2	-.00236	-.00385	.30791	.00460	.00162	.10632	.28758	-.00018

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00335	59.207	.00115	.00113	.03239	.00042	.64915	3.0754
Stddev	.00006	.909	.00111	.00033	.00033	.00060	.00111	.0406
%RSD	1.9023	1.5355	96.983	29.605	1.0320	143.22	.17078	1.3191

#1	.00330	58.564	.00193	.00089	.03263	-.00085	.64836	3.1041
#2	.00339	59.850	.00036	.00137	.03216	.00001	.64993	3.0467

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00705	.00000	326.18	.00013	.63558	.70498	.00006	.03338
Stddev	.00011	.0003	7.81	.00002	.02691	.06232	.00004	.01873
%RSD	1.5197	154390.	2.3933	19.511	4.2338	8.8396	66.252	56.102

#1	.00713	-.00020	320.66	.00014	.65461	.66091	.00003	.02014
#2	.00697	.00020	331.70	.00011	.61655	.74904	.00009	.04663

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71047	1.6341	.00176	.00210	.00008	.0029	.17015	5.3904
Stddev	.00738	.0142	.00079	.00022	.00143	.0032	.00055	.2624
%RSD	1.0394	.87122	44.934	10.642	1724.1	109.8	.32531	4.8682

#1	.70525	1.6441	.00232	.00226	-.00093	.0007	.16975	5.2049
#2	.71570	1.6240	.00120	.00194	.00109	.0052	.17054	5.5760

Sample Name: J4677-01 Acquired: 8/29/2018 16:53:51 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	3.9708
Stddev	.2378
%RSD	5.9882

#1	4.1389
#2	3.8026

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1825.3	52164.	2735.8	43.959	2691.3
Stddev	12.9	103.	2.5	2.102	16.5
%RSD	.70421	.19723	.08999	4.7818	.61297

#1	1816.3	52092.	2734.0	42.473	2679.6
#2	1834.4	52237.	2737.5	45.445	2703.0

Sample Name: J4677-02 Acquired: 8/29/2018 16:58:02 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00195	.00239	.64893	.00641	.00141	.12961	.50163	.00018
Stddev	.00297	.00016	.00160	.00195	.00260	.00082	.00143	.00008
%RSD	152.04	6.5717	.24648	30.421	183.74	.63408	.28485	45.292

#1	-.00405	-.00250	.64780	.00779	.00042	.13020	.50062	-.00012
#2	.00015	-.00228	.65007	.00503	-.00325	.12903	.50264	-.00024

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00473	126.59	.00044	.00576	.03434	.02118	1.4894	4.5513
Stddev	.00011	1.81	.00009	.00014	.00045	.01908	.0015	.0309
%RSD	2.4264	1.4293	21.087	2.5042	1.3243	90.108	.10422	.68003

#1	.00481	125.31	-.00050	.00566	.03466	-.03467	1.4883	4.5731
#2	.00465	127.86	-.00037	.00587	.03402	-.00768	1.4904	4.5294

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00878	.00049	332.71	.00009	2.1595	1.5695	.00024	.03544
Stddev	.00021	.00016	5.62	.00103	.0777	.0150	.00030	.00312
%RSD	2.3689	33.328	1.6883	1124.6	3.5994	.95314	123.99	8.8068

#1	.00893	-.00060	328.74	-.00082	2.1045	1.5590	-.00003	.03764
#2	.00863	-.00037	336.68	.00064	2.2144	1.5801	-.00045	.03323

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51975	1.1270	.00163	.00107	.00371	.0027	.42935	3.4618
Stddev	.00224	.0014	.00079	.00179	.00030	.0001	.00447	.2730
%RSD	.43129	.12778	48.208	167.47	8.1590	2.698	1.0407	4.2252

#1	.52133	1.1260	.00219	.00020	.00349	-.0026	.42619	6.6548
#2	.51816	1.1280	.00108	-.00233	.00392	-.0027	.43251	6.2687

Sample Name: J4677-02 Acquired: 8/29/2018 16:58:02 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.8233
 Stddev 2.0422
 %RSD 53.414

#1 2.3793
 #2 5.2673

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1807.7	51866.	2729.9	44.418	2660.8
Stddev	6.4	98.	16.7	1.408	13.4
%RSD	.35631	.18854	.61031	3.1695	.50546

#1	1803.2	51797.	2718.1	45.414	2651.3
#2	1812.3	51935.	2741.7	43.423	2670.3

Sample Name: J4677-03 Acquired: 8/29/2018 17:02:11 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00604	.00224	.77377	.00508	.00450	.13049	.32151	.00015
Stddev	.00000	.00207	.00269	.00786	.00024	.02351	.00309	.00002
%RSD	.08115	92.306	.34806	154.72	5.3813	18.020	.95989	14.029

#1	-.00604	-.00371	.77187	-.00048	.00433	.14712	.31932	-.00013
#2	-.00605	-.00078	.77567	.01064	.00467	.11386	.32369	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00408	24.652	.00171	.00256	.20538	.03425	.39076	1.8860
Stddev	.00011	.381	.00001	.00033	.00045	.01376	.00060	.0360
%RSD	2.7064	1.5441	.75844	13.051	.21930	40.182	.15390	1.9063

#1	.00416	24.383	.00172	.00233	.20507	.02452	.39033	1.8606
#2	.00400	24.922	.00170	.00280	.20570	.04398	.39118	1.9115

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00777	.00020	287.37	.00054	1.9194	.80129	.00006	.01843
Stddev	.00024	.00011	5.90	.00071	.0703	.02554	.00024	.00729
%RSD	3.0358	52.715	2.0530	131.88	3.6614	3.1868	395.64	39.581

#1	.00793	-.00013	283.20	-.00104	1.9691	.81935	-.00011	.01327
#2	.00760	-.00028	291.54	-.00004	1.8697	.78323	.00023	.02358

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24793	1.2531	.00141	.00333	.00156	.0038	.19753	4.4223
Stddev	.00299	.0004	.00127	.00182	.00060	.0006	.00179	.0260
%RSD	1.2067	.03154	90.146	54.547	38.528	16.34	.90832	.58684

#1	.24581	1.2529	.00231	.00204	.00198	.0042	.19627	4.4040
#2	.25004	1.2534	.00051	.00461	.00113	.0034	.19880	4.4407

Sample Name: J4677-03 Acquired: 8/29/2018 17:02:11 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 4.9292
 Stddev .3003
 %RSD 6.0920

#1 5.1415
 #2 4.7169

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.9	52702.	2743.5	44.977	2756.1
Stddev	8.3	333.	21.5	1.774	12.6
%RSD	.44777	.63129	.78529	3.9446	.45653

#1	1849.0	52467.	2728.2	43.723	2747.2
#2	1860.8	52938.	2758.7	46.232	2765.0

Sample Name: J4683-01 Acquired: 8/29/2018 17:18:39 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00407	.00205	.00136	.00600	.00608	.02617	.01924	.00000
Stddev	.00219	.00161	.00045	.00393	.00123	.02062	.00002	.00003
%RSD	53.763	78.505	33.481	65.422	20.164	78.778	.09218	5192.0

#1	.00253	.00318	.00168	.00878	-.00694	.04075	.01925	-.00002
#2	.00562	.00091	.00103	.00323	-.00521	.01159	.01922	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	33.461	.00042	.00025	.00103	.01077	.00407	138.63
Stddev	.00021	.427	.00012	.00030	.00033	.00453	.00008	.43
%RSD	207.62	.67337	29.381	116.91	32.042	42.029	1.9444	.30701

#1	-.00025	63.763	.00033	-.00046	.00126	-.01397	.00413	138.33
#2	.00005	63.159	.00050	-.00004	.00080	-.00757	.00401	138.94

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	.00011	1110.0	.00122	.00084	48.074	.00144	.50108
Stddev	.00028	.00020	10.1	.00025	.00002	.336	.00010	.00112
%RSD	43.382	180.97	.90970	20.478	2.8331	.69894	7.0455	.22293

#1	.00044	-.00025	1102.9	.00104	.00082	48.312	.00152	.50029
#2	.00084	.00003	1117.2	.00140	.00085	47.836	.00137	.50187

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	106.11	.51538	.03937	.00123	.01707	.0440	.92438	4.9757
Stddev	.02	.00472	.00062	.00151	.00019	.0030	.00835	.0147
%RSD	.01646	.91574	1.5650	122.91	1.1105	6.878	.90321	.29459

#1	106.10	.51872	-.03894	.00230	.01693	.0462	.93029	4.9653
#2	106.12	.51204	-.03981	.00016	.01720	.0419	.91848	4.9861

Sample Name: J4683-01 Acquired: 8/29/2018 17:18:39 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.941
Stddev	.131
%RSD	1.1962

#1	11.034
#2	10.848

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1889.0	52731.	2938.1	46.760	2599.3
Stddev	4.2	85.	25.3	.080	.6
%RSD	.22459	.16110	.86157	.17208	.02189

#1	1892.0	52791.	2920.2	46.817	2598.9
#2	1886.0	52671.	2956.0	46.703	2599.7

Sample Name: J4683-01DUP Acquired: 8/29/2018 17:22:49 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00415	-.00046	.00074	.00342	-.00399	.02600	.01889	-.00006
Stddev	.00157	.00147	.00148	.00129	.00227	.00925	.00035	.00004
%RSD	37.964	323.29	199.25	37.615	56.882	35.567	1.8285	55.717

#1	.00303	-.00150	.00178	.00251	-.00559	.01946	.01913	-.00009
#2	.00526	.00059	-.00030	.00433	-.00239	.03254	.01865	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	53.235	.00019	-.00061	.00211	-.02033	.00397	137.35
Stddev	.00010	.102	.00052	.00022	.00020	.00069	.00006	1.21
%RSD	284.22	.16091	265.03	35.184	9.5306	3.4002	1.4279	.87935

#1	.00003	63.163	.00056	-.00046	.00225	-.01984	.00393	136.50
#2	-.00010	63.307	-.00017	-.00077	.00196	-.02082	.00401	138.21

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	-.00007	1080.2	.00060	.00065	47.471	.00110	48822
Stddev	.00031	.00011	16.3	.00006	.00007	.563	.00006	.00740
%RSD	123.61	150.77	1.5096	10.425	10.304	1.1856	5.5791	1.5160

#1	.00047	.00000	1068.7	.00055	.00069	47.073	.00114	.49345
#2	.00003	-.00015	1091.8	.00064	.00060	47.869	.00105	.48299

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	105.98	49841	-.03976	-.00126	.01751	.0454	.91303	5.2097
Stddev	.01	.00242	.00033	.00062	.00033	.0033	.00981	.1613
%RSD	.00918	.48573	.83353	49.610	1.9087	7.307	1.0741	3.0958

#1	105.99	.49670	-.03999	-.00082	.01775	.0431	.90609	5.0957
#2	105.97	.50013	-.03952	-.00170	.01728	.0478	.91996	5.3238

Sample Name: J4683-01DUP Acquired: 8/29/2018 17:22:49 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	11.439
Stddev	.418
%RSD	3.6561

#1	11.735
#2	11.143

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1887.0	53035.	2978.8	48.243	2600.7
Stddev	.5	120.	21.1	1.343	1.5
%RSD	.02794	.22700	.70892	2.7844	.05640

#1	1887.4	52950.	2993.7	49.193	2599.7
#2	1886.6	53120.	2963.9	47.294	2601.8

Sample Name: J4683-01LX5 Acquired: 8/29/2018 17:27:00 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00192	.00134	.00110	.00242	.00224	.01629	.00170	.00004
Stddev	.00168	.00175	.00021	.00050	.00156	.00826	.00068	.00002
%RSD	87.648	130.37	19.254	20.664	69.440	50.720	40.184	51.474

#1	.00073	.00258	.00095	-.00207	-.00114	.01045	.00122	-.00006
#2	.00311	.00010	.00125	-.00277	-.00334	.02214	.00218	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	13.096	.00017	.00034	.00057	.00727	.00088	27.653
Stddev	.00008	.245	.00032	.00015	.00062	.01899	.00002	.818
%RSD	1131.3	1.8690	188.46	44.877	109.71	261.40	1.9064	2.9567

#1	-.00005	12.923	.00006	-.00023	.00101	.02070	.00087	27.075
#2	.00006	13.269	-.00040	-.00045	.00013	-.00616	.00090	28.231

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00046	.00005	230.86	.00025	.00005	9.2591	.00002	.11009
Stddev	.00048	.00005	3.26	.00002	.00020	.1079	.00017	.01139
%RSD	104.40	113.06	1.4112	9.4082	383.30	1.1654	1135.0	10.343

#1	-.00012	-.00008	228.56	-.00023	-.00020	9.1828	-.00011	.10204
#2	-.00081	-.00001	233.17	-.00026	.00009	9.3354	.00014	.11814

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.777	.11225	.00768	.00257	.00916	.0047	.19348	3.8905
Stddev	.058	.00361	.00004	.00148	.00023	.0001	.00263	.2359
%RSD	.29566	3.2152	.49470	57.303	2.5581	1.964	1.3598	6.0622

#1	19.818	.10970	-.00771	.00153	.00933	.0046	.19162	3.7237
#2	19.735	.11480	-.00766	.00362	.00900	.0048	.19534	4.0572

Sample Name: J4683-01LX5 Acquired: 8/29/2018 17:27:00 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.8874
Stddev	.7464
%RSD	19.200

#1	4.4152
#2	3.3596

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1914.7	54025.	2849.6	47.026	2802.3
Stddev	10.4	325.	.8	.712	17.9
%RSD	.54195	.60126	.02684	1.5149	.63833

#1	1907.3	53795.	2849.0	46.522	2789.7
#2	1922.0	54255.	2850.1	47.529	2815.0

Sample Name: J4683-01MS Acquired: 8/29/2018 17:31:05 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.84147	1.8809	.97608	2.0876	.79517	2.2472	.22617	.22242	.19790
Stddev	.00051	.0030	.00080	.0098	.00717	.0132	.00050	.00003	.00049
%RSD	.06063	.16046	.08232	.47055	.90117	.58555	.22248	.01204	.24708

#1	.84183	1.8830	.97665	2.0945	.79011	2.2565	.22581	.22244	.19824
#2	.84111	1.8788	.97551	2.0806	.80024	2.2379	.22653	.22240	.19755

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.790	.39771	.20027	.28924	2.9652	.20500	138.73	.50300	.07972
Stddev	.239	.00070	.00107	.00027	.0989	.00061	.52	.00073	.00031
%RSD	.37418	.17602	.53416	.09179	3.3342	.29863	.37840	.14546	.38688

#1	63.959	.39722	.20102	.28943	2.8953	.20456	138.36	.50352	.07993
#2	63.622	.39821	.19951	.28906	3.0351	.20543	139.10	.50248	.07950

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1070.6	.30533	.20061	58.663	.40074	.77574	104.22	1.4078	.68869
Stddev	12.7	.00143	.00466	.052	.00001	.01936	.21	.0124	.00186
%RSD	1.1823	.46987	2.3205	.08880	.00370	2.4955	.20011	.87767	.26997

#1	1061.7	.30431	.19732	58.626	.40075	.78943	104.07	1.3991	.69001
#2	1079.6	.30634	.20391	58.700	.40073	.76205	104.36	1.4165	.68738

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20023	.22560	7.107	1.1190	4.6382	12.571
Stddev	.00009	.00069	.014	.0063	.0847	.562
%RSD	.04693	.30554	.1975	.56450	1.8250	4.4705

#1	.20017	.22511	7.116	1.1146	4.5783	12.174
#2	.20030	.22609	7.097	1.1235	4.6980	12.968

Sample Name: J4683-01MS Acquired: 8/29/2018 17:31:05 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1897.8	53305.	2952.7	47.515	2592.3
Stddev	11.6	80.	14.7	1.345	10.4
%RSD	.60876	.14973	.49908	2.8312	.40173
#1	1906.0	53249.	2963.2	48.466	2599.6
#2	1889.7	53362.	2942.3	46.564	2584.9

Sample Name: J4683-01MSD Acquired: 8/29/2018 17:35:03 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83696	1.8770	.97157	2.0918	.79575	2.2639	.22505	.22175	.19755
Stddev	.00040	.0092	.00234	.0017	.00003	.0311	.00047	.00054	.00098
%RSD	.04776	.48994	.24075	.08181	.00331	1.3747	.20958	.24385	.49503

#1	.83725	1.8835	.96992	2.0930	.79573	2.2419	.22471	.22137	.19825
#2	.83668	1.8705	.97323	2.0906	.79576	2.2859	.22538	.22213	.19686

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.232	.39448	.19889	.28970	2.8829	.20456	138.83	.50204	.07954
Stddev	.704	.00003	.00040	.00003	.0101	.00022	.07	.00076	.00059
%RSD	1.1141	.00724	.20157	.01130	.34952	.10891	.04727	.15204	.74581

#1	63.730	.39446	.19918	.28967	2.8901	.20441	138.78	.50258	.07912
#2	62.734	.39451	.19861	.28972	2.8758	.20472	138.87	.50150	.07995

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1055.6	.30748	.19447	58.098	.39875	.77528	103.77	1.4043	.68457
Stddev	7.4	.00173	.00261	.597	.00063	.01722	.26	.0022	.00039
%RSD	.70226	.56261	1.3439	1.0279	.15735	2.2210	.24761	.15983	.05688

#1	1050.3	.30625	.19631	58.521	.39831	.76310	103.95	1.4059	.68430
#2	1060.8	.30870	.19262	57.676	.39920	.78745	103.59	1.4027	.68485

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20015	.22344	7.087	1.1096	4.9200	12.433
Stddev	.00149	.00092	.017	.0054	.1963	.543
%RSD	.74438	.41269	.2426	.49073	3.9906	4.3675

#1	.20121	.22410	7.099	1.1134	5.0589	12.817
#2	.19910	.22279	7.075	1.1057	4.7812	12.049

Sample Name: J4683-01MSD Acquired: 8/29/2018 17:35:03 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1903.4	53328.	2969.4	49.081	2602.4
Stddev	1.1	84.	11.5	.700	7.2
%RSD	.05842	.15754	.38623	1.4254	.27563
#1	1902.6	53387.	2961.3	48.586	2597.3
#2	1904.2	53268.	2977.5	49.575	2607.5

Sample Name: J4683-01A Acquired: 8/29/2018 17:39:02 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82827	1.8578	.96496	2.0789	.79505	2.2410	.22344	.21969	.19573
Stddev	.00179	.0028	.00261	.0032	.00149	.0552	.00130	.00012	.00047
%RSD	.21632	.14949	.27009	.15288	.18732	2.4649	.58228	.05317	.24122

#1	.82953	1.8559	.96680	2.0812	.79399	2.2019	.22252	.21977	.19606
#2	.82700	1.8598	.96311	2.0767	.79610	2.2800	.22436	.21961	.19539

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.305	.39199	.19730	.28601	2.9509	.20294	136.94	.49577	.07951
Stddev	.142	.00026	.00072	.00103	.0268	.00039	.29	.00105	.00040
%RSD	.22368	.06733	.36350	.35844	.91005	.19228	.20949	.21276	.50331

#1	63.205	.39180	.19781	.28674	2.9699	.20321	136.73	.49651	.07979
#2	63.405	.39218	.19679	.28529	2.9319	.20266	137.14	.49502	.07922

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1045.2	.30388	.20105	57.554	.39860	.78369	103.49	1.3988	.68232
Stddev	1.0	.00123	.00493	.324	.00026	.00337	.18	.0014	.00035
%RSD	.09636	.40627	2.4504	.56242	.06543	.43019	.17657	.10315	.05129

#1	1045.9	.30301	.20453	57.783	.39879	.78607	103.62	1.3998	.68208
#2	1044.4	.30475	.19756	57.325	.39842	.78130	103.37	1.3978	.68257

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20167	.22144	7.043	1.1043	5.0931	12.084
Stddev	.00043	.00161	.016	.0013	.0045	1.088
%RSD	.21431	.72783	.2258	.11899	.08729	9.0004

#1	.20136	.22258	7.054	1.1053	5.0963	11.315
#2	.20197	.22031	7.031	1.1034	5.0900	12.853

Sample Name: J4683-01A Acquired: 8/29/2018 17:39:02 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.8	53375.	2961.9	47.140	2601.2
Stddev	5.9	141.	25.1	1.171	9.3
%RSD	.30943	.26355	.84664	2.4842	.35822
#1	1897.7	53275.	2944.2	46.312	2594.6
#2	1906.0	53474.	2979.6	47.968	2607.8

Sample Name: CCV07 Acquired: 8/29/2018 17:43:01 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9570	4.9389	4.8714	4.9572	4.9581	10.050	10.088	.24353
Stddev	.0130	.0014	.0015	.0101	.0104	.012	.130	.00067
%RSD	.26145	.02924	.03126	.20301	.20874	.11706	1.2853	.27661

#1	4.9662	4.9399	4.8725	4.9643	4.9507	10.042	9.9965	.24400
#2	4.9479	4.9378	4.8704	4.9501	4.9654	10.059	10.180	.24305

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3906	25.096	.97321	2.4169	1.2521	4.8280	2.4687	24.512
Stddev	.0008	.284	.00282	.0033	.0008	.0287	.0028	.359
%RSD	.03211	1.1318	.28979	.13469	.06748	.59516	.11448	1.4635

#1	2.3901	24.895	.97521	2.4192	1.2527	4.8483	2.4707	24.258
#2	2.3911	25.297	.97122	2.4146	1.2515	4.8077	2.4667	24.765

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4305	1.2308	25.369	2.4720	2.3903	25.866	5.0685	5.0744
Stddev	.0014	.0015	.294	.0012	.0145	.292	.0058	.0483
%RSD	.05756	.12452	1.1572	.04880	.60529	1.1290	.11421	.95113

#1	2.4295	1.2319	25.162	2.4729	2.4005	25.659	5.0644	5.0403
#2	2.4315	1.2297	25.577	2.4712	2.3801	26.072	5.0726	5.1086

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8676	5.0757	4.8996	4.9452	5.0073	5.112	5.2367	F 4.1506
Stddev	.0037	.0316	.0123	.0416	.0613	.008	.0601	.2128
%RSD	.07657	.62360	.25153	.84081	1.2241	.1536	1.1475	5.1272

#1	4.8702	5.0533	4.8908	4.9158	4.9640	5.117	5.1942	4.0001
#2	4.8649	5.0980	4.9083	4.9746	5.0507	5.106	5.2792	4.3010

Sample Name: CCV07 Acquired: 8/29/2018 17:43:01 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.9114
Stddev	1.3760
%RSD	71.988

#1	.93843
#2	2.8844

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1933.3	55583.	2836.7	46.785	2842.5
Stddev	7.3	225.	11.4	.465	12.1
%RSD	.37814	.40514	.40140	.99428	.42564

#1	1928.2	55423.	2844.7	46.456	2834.0
#2	1938.5	55742.	2828.6	47.114	2851.1

Sample Name: CCB07 Acquired: 8/29/2018 17:46:50 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	.00254	.00104	.00014	.00022	.01255	.00181
Stddev	.00260	.00120	.00043	.00077	.00158	.00383	.00081
%RSD	305.65	47.179	41.168	550.65	712.68	30.550	44.470

#1	.00099	.00339	.00074	.00069	.00134	-.00984	-.00238
#2	-.00269	.00169	.00135	-.00041	-.00090	-.01526	-.00124

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00020	.00667	.00021	.00008	.00047	.01118
Stddev	.00004	.00005	.02038	.00006	.00005	.00010	.00689
%RSD	85.370	23.262	305.82	30.179	62.101	21.898	61.623

#1	-.00007	.00017	-.02108	.00016	-.00005	-.00054	-.00631
#2	-.00002	.00023	.00775	.00025	-.00012	-.00040	-.01605

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.01994	.00009	.00022	.01515	.00015	.00015
Stddev	.00001	.03785	.00038	.00040	.02571	.00036	.00007
%RSD	101.01	189.78	404.15	181.00	169.67	234.50	50.149

#1	-.00001	-.00682	-.00036	-.00050	.03333	.00010	.00020
#2	.00000	.04671	.00017	.00006	-.00303	-.00041	.00009

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07214	.00017	.01350	.00346	.00032	.00006	.00056
Stddev	.01095	.00002	.00219	.00477	.00159	.00026	.00188
%RSD	15.179	10.456	16.241	137.86	496.52	465.59	337.29

#1	.06440	.00018	.01505	-.00009	.00144	-.00013	-.00077
#2	.07988	.00016	.01195	-.00683	-.00080	.00024	.00189

Sample Name: CCB07 Acquired: 8/29/2018 17:46:50 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00116	.0025	.00024	F 2.0323	F<00000
Stddev	.00202	.0016	.00008	.1331	2.5866
%RSD	173.84	64.93	32.539	6.5489	270.91

#1	-.00027	-.0036	.00018	2.1264	-2.7838
#2	.00259	-.0013	.00029	1.9382	.87422

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.3	58363.	2839.6	48.159	3218.8
Stddev	.9	331.	22.7	1.395	5.4
%RSD	.04248	.56714	.80035	2.8965	.16925

#1	2031.7	58129.	2823.6	47.173	3214.9
#2	2032.9	58597.	2855.7	49.145	3222.7

Sample Name: J4683-02 Acquired: 8/29/2018 17:50:57 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00501	.00137	.00084	.00643	.00335	.02256	.01899	.00007
Stddev	.00324	.00139	.00104	.00305	.00004	.00979	.00100	.00000
%RSD	64.694	101.64	124.27	47.420	1.1764	43.404	5.2768	1.6716

#1	.00730	.00038	.00010	.00427	-.00337	.01564	.01970	-.00007
#2	.00272	.00235	.00158	.00859	-.00332	.02949	.01828	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	31.415	.00042	.00075	.00169	.01264	.00329	129.46
Stddev	.00017	.468	.00028	.00024	.00072	.01033	.00001	.27
%RSD	464.83	.76254	65.484	32.043	42.491	81.677	.24631	.20616

#1	.00008	61.746	-.00023	-.00092	.00219	-.00534	.00329	129.65
#2	-.00016	61.083	-.00062	-.00058	.00118	-.01994	.00330	129.27

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00058	.00001	1009.8	.00087	.00028	44.445	.00116	46599
Stddev	.00041	.00044	8.5	.00027	.00013	.058	.00006	.00683
%RSD	70.679	3967.1	.84210	31.667	45.528	.13006	5.2367	1.4648

#1	-.00029	-.00032	1003.8	.00106	.00037	44.486	.00120	.47081
#2	-.00086	.00030	1015.8	.00067	.00019	44.404	.00112	.46116

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.204	.51910	.03549	.00000	.01382	.0404	.86233	4.8987
Stddev	.201	.00222	.00042	.00030	.00208	.0015	.00238	.0397
%RSD	.20723	.42736	1.1701	16036.	15.070	3.696	.27641	.81051

#1	97.062	.51753	-.03520	.00022	.01235	.0414	.86065	4.8706
#2	97.347	.52067	-.03579	-.00021	.01530	.0393	.86402	4.9268

Sample Name: J4683-02 Acquired: 8/29/2018 17:50:57 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.648
Stddev	.424
%RSD	3.9858

#1	10.347
#2	10.948

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1906.8	53776.	2959.6	47.693	2637.2
Stddev	9.4	119.	2.0	.784	10.9
%RSD	.49462	.22099	.06877	1.6435	.41340

#1	1913.4	53860.	2958.2	48.248	2644.9
#2	1900.1	53692.	2961.1	47.139	2629.5

Sample Name: J4683-03 Acquired: 8/29/2018 17:55:08 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	.00167	.00020	.00137	.00509	.04876	.01846	.00002
Stddev	.00290	.00123	.00040	.00345	.00123	.01386	.00014	.00004
%RSD	474.58	73.561	202.27	252.60	24.120	28.421	.77110	270.26

#1	-.00144	.00254	-.00009	-.00107	-.00422	.05856	.01836	.00002
#2	.00266	.00080	.00048	.00381	-.00596	.03896	.01856	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00026	36.175	.00007	.00053	.00191	.02504	.00290	149.02
Stddev	.00001	.123	.00053	.00026	.00042	.01914	.00003	.27
%RSD	2.8000	.18651	786.06	49.888	22.159	76.440	.89178	.17984

#1	-.00025	66.262	.00031	-.00034	.00161	-.03857	.00292	149.21
#2	-.00026	66.087	-.00044	-.00072	.00221	-.01150	.00288	148.83

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00033	.00001	1143.0	.00114	.00016	51.676	.00112	53720
Stddev	.00059	.00020	3.2	.00017	.00004	.249	.00009	.02043
%RSD	176.09	2136.4	.28165	15.028	28.111	.48173	7.9748	3.8034

#1	.00008	-.00015	1145.3	.00127	.00019	51.852	.00106	.52275
#2	-.00075	.00013	1140.8	.00102	.00013	51.500	.00119	.55165

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	113.75	.51855	.04332	.00005	.01798	.0469	.98362	5.2864
Stddev	.86	.00092	.00211	.00044	.00036	.0003	.00076	.3078
%RSD	.75641	.17748	4.8720	975.08	1.9860	.5582	.07733	5.8225

#1	114.36	.51790	-.04183	.00036	.01824	.0471	.98416	5.5041
#2	113.14	.51920	-.04481	-.00027	.01773	.0467	.98308	5.0688

Sample Name: J4683-03 Acquired: 8/29/2018 17:55:08 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.681
Stddev .833
%RSD 7.8010

#1 10.091
#2 11.270

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1881.6	53066.	2958.3	48.282	2587.7
Stddev	13.7	16.	9.9	1.634	12.5
%RSD	.72642	.03082	.33569	3.3849	.48230

#1	1871.9	53078.	2951.3	47.127	2578.9
#2	1891.3	53055.	2965.3	49.438	2596.5

Sample Name: J4683-04 Acquired: 8/29/2018 17:59:19 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00145	.00196	.00151	.00418	.00473	.02430	.01915	.00003
Stddev	.00130	.00021	.00163	.00392	.00077	.01019	.00010	.00004
%RSD	89.180	10.646	108.07	93.865	16.213	41.933	.51006	166.57

#1	.00054	.00181	.00036	.00696	-.00419	.03151	.01908	.00006
#2	.00237	.00211	.00266	.00141	-.00527	.01710	.01921	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	32.672	.00108	.00067	.00126	.01464	.00299	134.55
Stddev	.00011	.207	.00008	.00010	.00036	.00179	.00005	.19
%RSD	95.781	.33007	7.0292	14.534	28.719	12.204	1.6872	.14210

#1	-.00004	62.818	-.00102	-.00074	.00101	-.01590	.00303	134.41
#2	-.00019	62.526	-.00113	-.00060	.00152	-.01337	.00296	134.68

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	.00018	1025.8	.00056	.00038	46.212	.00112	.47986
Stddev	.00029	.00039	3.1	.00076	.00012	.165	.00022	.00073
%RSD	47.179	222.72	.29893	136.36	31.292	.35672	19.977	.15282

#1	-.00081	-.00010	1023.7	.00109	.00047	46.328	.00127	.47934
#2	-.00040	.00045	1028.0	.00002	.00030	46.095	.00096	.48038

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	101.87	.51083	.03839	.00079	.01592	.0390	.89930	5.1273
Stddev	.07	.00109	.00154	.00253	.00089	.0018	.00159	.0365
%RSD	.07149	.21310	4.0009	319.79	5.5827	4.683	.17701	.71096

#1	101.92	.51160	-.03730	-.00100	.01655	.0377	.89817	5.1015
#2	101.82	.51006	-.03948	.00258	.01529	.0402	.90042	5.1531

Sample Name: J4683-04 Acquired: 8/29/2018 17:59:19 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	9.8023
Stddev	.2186
%RSD	2.2298

#1	9.9569
#2	9.6478

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1883.1	53078.	2935.1	46.860	2602.3
Stddev	6.6	93.	1.2	.571	1.9
%RSD	.34910	.17461	.04025	1.2189	.07393

#1	1887.8	53013.	2934.3	47.264	2603.6
#2	1878.5	53144.	2935.9	46.456	2600.9

Sample Name: J4683-05 Acquired: 8/29/2018 18:03:31 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00446	-.00028	.00038	.00356	-.00449	.04450	.01789	.00001
Stddev	.00131	.00451	.00075	.00506	.00170	.00769	.00058	.00001
%RSD	29.330	1595.4	197.33	142.18	37.811	17.279	3.2383	99.753

#1	.00538	-.00347	.00091	.00713	-.00329	.04994	.01830	.00001
#2	.00353	.00291	-.00015	-.00002	-.00569	.03907	.01748	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	36.159	-.00070	-.00064	.00156	-.00709	.00737	150.70
Stddev	.00019	.159	.00028	.00033	.00006	.00418	.00001	.79
%RSD	291.36	.24014	40.030	51.222	3.8245	58.870	.07873	.52313

#1	.00007	66.047	-.00050	-.00087	.00161	-.01005	.00738	150.14
#2	-.00020	66.272	-.00089	-.00041	.00152	-.00414	.00737	151.26

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00043	-.00010	1123.6	.00077	.00165	51.599	.00121	.53600
Stddev	.00043	.00018	7.3	.00015	.00001	.060	.00021	.00141
%RSD	99.366	179.33	.64762	19.595	.59517	.11708	17.359	.26248

#1	-.00073	-.00023	1118.5	.00087	.00165	51.557	.00136	.53501
#2	-.00013	.00003	1128.8	.00066	.00164	51.642	.00106	.53700

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	115.19	.53617	-.04280	.00169	.01760	.0488	.99140	5.4184
Stddev	.21	.00142	.00044	.00028	.00115	.0007	.00480	.4067
%RSD	.17846	.26419	1.0373	16.516	6.5447	1.385	.48389	7.5065

#1	115.34	.53717	-.04248	.00189	.01679	.0493	.98801	5.1308
#2	115.05	.53517	-.04311	.00149	.01842	.0483	.99480	5.7060

Sample Name: J4683-05 Acquired: 8/29/2018 18:03:31 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 3.3284
Stddev .8889
%RSD 9.5285

#1 9.9569
#2 8.6999

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1865.9	52017.	2933.8	47.286	2562.8
Stddev	3.3	426.	3.2	1.087	2.1
%RSD	.17533	.81948	.10942	2.2994	.08358

#1	1863.6	52318.	2931.5	46.517	2561.3
#2	1868.2	51716.	2936.0	48.055	2564.3

Sample Name: J4683-06 Acquired: 8/29/2018 18:07:42 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00151	.00038	.00117	.00538	.00373	.03856	.01932	.00001
Stddev	.00297	.00212	.00000	.00283	.00220	.01176	.00052	.00002
%RSD	196.53	561.91	.40642	52.669	59.072	30.510	2.6794	279.30

#1	.00362	-.00112	.00117	.00338	-.00529	.03024	.01969	-.00001
#2	-.00059	.00188	.00117	.00738	-.00217	.04688	.01895	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	32.026	.00576	.00002	.00142	.01500	.00493	132.85
Stddev	.0001	1.171	.00132	.00025	.00057	.00835	.00002	1.85
%RSD	5473.0	1.8878	22.900	1386.2	39.782	55.651	.44733	1.3937

#1	-.00010	62.854	.00483	-.00019	.00182	.00910	.00491	134.16
#2	.00009	61.198	.00670	.00016	.00102	.02090	.00494	131.54

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00441	.00017	1013.4	.00099	.00016	45.781	.00187	47614
Stddev	.00039	.00028	20.1	.00039	.00001	.601	.00002	.00276
%RSD	8.9053	164.08	1.9874	39.251	8.3248	1.3129	.82285	.58045

#1	.00469	-.00037	1027.6	.00072	.00015	46.206	.00186	.47419
#2	.00413	.00003	999.15	.00126	.00017	45.356	.00188	.47809

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	100.11	52384	.03828	.00170	.01636	.0424	.89621	4.9477
Stddev	.43	.00126	.00033	.00385	.00040	.0073	.00946	.0740
%RSD	.43138	.24109	.87162	226.65	2.4507	17.23	1.0550	1.4952

#1	99.803	.52294	-.03851	.00442	.01664	.0373	.90290	5.0000
#2	100.41	.52473	-.03804	-.00102	.01607	.0476	.88952	4.8953

Sample Name: J4683-06 Acquired: 8/29/2018 18:07:42 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.198
Stddev	.150
%RSD	1.4728

#1	10.091
#2	10.304

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1896.6	53252.	2941.2	47.639	2622.5
Stddev	4.9	164.	41.5	.071	10.1
%RSD	.25767	.30798	1.4125	.14894	.38337

#1	1900.0	53136.	2911.8	47.689	2629.6
#2	1893.1	53368.	2970.6	47.589	2615.4

Sample Name: J4683-07 Acquired: 8/29/2018 18:11:53 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00486	.00190	.00098	.00235	.00475	.03633	.01899	.00005
Stddev	.00485	.00017	.00003	.00003	.00094	.00866	.00184	.00006
%RSD	99.750	9.0287	2.8126	1.1182	19.701	23.852	9.6853	137.81

#1	.00143	.00178	.00096	.00233	-.00541	.03020	.01769	.00000
#2	.00829	.00202	.00100	.00236	-.00409	.04245	.02029	.00009

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	36.162	-.00081	-.00031	.00116	-.02474	.00335	150.65
Stddev	.00001	.622	.00051	.00024	.00014	.00714	.00007	.04
%RSD	13.377	.93991	62.282	76.587	11.667	28.843	1.9482	.02507

#1	.00004	66.602	-.00046	-.00014	.00106	-.01969	.00330	150.68
#2	.00004	65.722	-.00117	-.00048	.00125	-.02979	.00339	150.62

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.00011	1113.6	.00088	.00067	51.460	.00110	.52488
Stddev	.00008	.00027	6.6	.00022	.00018	.675	.00047	.00774
%RSD	30.774	255.45	.59595	24.593	27.305	1.3113	43.121	1.4739

#1	-.00020	-.00030	1118.3	.00073	.00079	51.937	.00143	.53035
#2	-.00031	.00009	1109.0	.00103	.00054	50.982	.00076	.51941

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	115.16	.51410	-.04226	.00151	.01890	.0475	.98702	5.5028
Stddev	.12	.00613	.00114	.00059	.00082	.0006	.00812	.0287
%RSD	.10483	1.1916	2.6955	39.286	4.3146	1.301	.82299	.52192

#1	115.24	.51843	-.04146	.00109	.01948	.0471	.99276	5.5231
#2	115.07	.50977	-.04307	.00193	.01833	.0479	.98128	5.4825

Sample Name: J4683-07 Acquired: 8/29/2018 18:11:53 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.8342
Stddev .6940
%RSD 7.0570

#1 9.3435
#2 10.325

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1870.8	52489.	2966.7	48.788	2572.5
Stddev	4.8	460.	34.7	2.293	5.7
%RSD	.25869	.87616	1.1687	4.6991	.22257

#1	1867.4	52814.	2942.2	47.166	2568.5
#2	1874.2	52164.	2991.2	50.409	2576.6

Sample Name: J4683-08 Acquired: 8/29/2018 18:16:03 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00139	.00054	.00530	.00316	.02402	.01846	.00002
Stddev	.00161	.00121	.00031	.00321	.00200	.01275	.00047	.00004
%RSD	466.78	87.023	57.870	60.463	63.459	53.089	2.5346	187.42

#1	-.00079	.00053	.00075	.00303	-.00174	.01500	.01813	-.00001
#2	.00148	.00224	.00032	.00757	-.00457	.03304	.01879	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	32.633	.00080	.00052	.00134	.01460	.00215	134.87
Stddev	.00009	.132	.00018	.00023	.00016	.04053	.00006	.55
%RSD	600.09	.21143	22.157	44.875	11.860	277.56	2.6086	.40880

#1	.00005	62.727	-.00068	-.00036	.00145	.01406	.00219	135.26
#2	-.00008	62.539	-.00093	-.00069	.00123	-.04326	.00211	134.48

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00027	.00008	1000.9	.00062	.00000	45.462	.00133	47495
Stddev	.00001	.00001	8.4	.00068	.00002	.310	.00030	.00764
%RSD	3.5628	17.844	.84012	109.05	71199.	.68227	22.488	1.6080

#1	-.00027	-.00009	1006.9	.00110	.00001	45.682	.00154	.46955
#2	-.00028	-.00007	994.99	.00014	-.00001	45.243	.00112	.48035

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	101.81	49189	.03880	.00062	.01479	.0384	.89108	5.2125
Stddev	.56	.00352	.00009	.00122	.00052	.0005	.00165	.0617
%RSD	.54701	.71477	.22823	198.58	3.5192	1.343	.18541	1.1847

#1	101.41	.49438	-.03886	.00148	.01516	.0388	.89224	5.1688
#2	102.20	.48941	-.03873	-.00025	.01442	.0381	.88991	5.2562

Sample Name: J4683-08 Acquired: 8/29/2018 18:16:03 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 11.897
Stddev .289
%RSD 2.4316

#1 11.693
#2 12.102

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1889.3	52915.	2961.2	48.324	2610.5
Stddev	5.7	9.	9.3	.917	13.3
%RSD	.30363	.01649	.31486	1.8969	.50760

#1	1893.4	52921.	2954.6	48.972	2619.9
#2	1885.3	52909.	2967.8	47.676	2601.2

Sample Name: J4683-09 Acquired: 8/29/2018 18:20:14 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00358	-.00012	.00129	.00157	-.00561	.05153	.01758	.00000
Stddev	.00236	.00240	.00148	.00383	.00049	.00434	.00042	.0000
%RSD	66.009	2032.4	114.32	244.36	8.7919	8.4279	2.3700	634.20

#1	.00525	-.00181	.00233	.00428	-.00526	.04846	.01728	.00001
#2	.00191	.00158	.00025	-.00114	-.00596	.05460	.01787	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00008	38.054	-.00137	-.00041	.00157	-.02900	.00613	228.24
Stddev	.00017	.334	.00064	.00018	.00001	.01052	.00003	1.21
%RSD	208.33	.37903	46.914	43.744	.89483	36.270	.56832	.52993

#1	.00004	87.818	-.00183	-.00028	.00156	-.03644	.00611	227.38
#2	-.00021	88.290	-.00092	-.00054	.00158	-.02156	.00616	229.09

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	-.00021	1610.4	.00079	.00072	79.231	.00151	.78675
Stddev	.00047	.00011	13.7	.00068	.00014	.115	.00003	.00552
%RSD	638.04	53.567	.85201	85.792	19.212	.14529	1.9222	.70099

#1	-.00040	-.00029	1620.1	.00128	.00082	79.312	.00149	.79065
#2	.00026	-.00013	1600.7	.00031	.00062	79.149	.00153	.78285

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	177.81	.63428	-.06601	.00190	.03142	.0796	1.4558	5.8001
Stddev	.77	.01333	.00103	.00148	.00099	.0041	.0004	.1999
%RSD	.43049	2.1023	1.5614	77.900	3.1596	5.124	.02455	3.4467

#1	177.27	.62485	-.06674	.00295	.03072	.0825	1.4560	5.6588
#2	178.35	.64370	-.06528	.00085	.03212	.0768	1.4555	5.9415

Sample Name: J4683-09 Acquired: 8/29/2018 18:20:14 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	13.760
Stddev	.115
%RSD	.83668

#1	13.842
#2	13.679

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.2	50492.	2903.5	45.993	2442.3
Stddev	16.6	60.	12.8	2.045	15.9
%RSD	.91509	.11890	.44068	4.4462	.65023

#1	1823.0	50535.	2912.6	47.439	2453.5
#2	1799.5	50450.	2894.5	44.547	2431.0

Sample Name: J4683-10 Acquired: 8/29/2018 18:24:24 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00196	.00091	.00110	.00333	.00166	.04603	.01748	.00003
Stddev	.00116	.00250	.00164	.00030	.00251	.00938	.00028	.00005
%RSD	59.305	274.72	148.44	8.9543	151.63	20.373	1.5976	133.43

#1	.00278	-.00086	-.00005	.00354	-.00344	.05266	.01728	-.00007
#2	.00114	.00268	.00226	.00312	.00012	.03940	.01768	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	78.998	.00113	.00029	.00177	.03101	.00557	198.58
Stddev	.00002	.103	.00021	.00005	.00026	.02156	.00003	1.12
%RSD	10.642	.13015	18.651	17.570	14.851	69.534	.46067	.56528

#1	-.00015	78.925	-.00128	-.00032	.00196	-.04626	.00559	197.78
#2	-.00017	79.070	-.00098	-.00025	.00159	-.01576	.00555	199.37

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00010	1390.4	.00131	.00117	38.031	.00129	.69627
Stddev	.00083	.00071	4.7	.00064	.00006	.035	.00003	.00545
%RSD	1408.1	736.73	.33840	48.999	5.3281	.05101	1.9488	.78229

#1	-.00064	-.00060	1393.7	.00086	.00113	68.056	.00130	.70012
#2	.00052	.00041	1387.1	.00177	.00122	68.007	.00127	.69241

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.13	.58495	.05779	.00157	.02651	.0670	1.2790	3.0228
Stddev	1.31	.01034	.00072	.00008	.00042	.0027	.0097	.4580
%RSD	.84625	1.7672	1.2457	5.0655	1.5983	3.954	.75989	7.6037

#1	154.20	.59226	-.05728	.00152	.02621	.0689	1.2721	5.6989
#2	156.05	.57764	-.05830	.00163	.02681	.0651	1.2859	6.3466

Sample Name: J4683-10 Acquired: 8/29/2018 18:24:24 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.041
Stddev	1.298
%RSD	9.2408

#1	14.958
#2	13.124

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1829.1	51250.	2943.9	47.577	2482.0
Stddev	8.3	51.	5.0	.074	12.7
%RSD	.45197	.09975	.16944	.15456	.51055

#1	1835.0	51286.	2940.4	47.629	2490.9
#2	1823.3	51214.	2947.5	47.525	2473.0

Sample Name: J4683-11 Acquired: 8/29/2018 18:28:34 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00430	.00207	.00073	.00375	.00322	.03703	.01772	.00001
Stddev	.00246	.00005	.00031	.00060	.00116	.00590	.00013	.00007
%RSD	57.292	2.2771	42.108	16.064	36.146	15.934	.73266	628.41

#1	.00256	.00204	.00094	.00417	-.00404	.03286	.01781	-.00004
#2	.00604	.00210	.00051	.00332	-.00240	.04120	.01762	.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	38.823	.00110	.00028	.00128	.03246	.00266	161.16
Stddev	.00008	.145	.00093	.00031	.00007	.00045	.00002	.10
%RSD	96.400	.21063	84.147	110.77	5.8489	1.3909	.69385	.06105

#1	-.00003	68.720	-.00045	-.00006	.00123	-.03277	.00264	161.09
#2	-.00014	68.925	-.00176	-.00050	.00133	-.03214	.00267	161.23

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.00013	1155.9	.00073	.00034	54.677	.00112	.55712
Stddev	.00039	.00014	11.1	.00039	.00005	.068	.00042	.00928
%RSD	74.285	104.48	.96312	53.007	14.847	.12353	37.467	1.6656

#1	-.00025	-.00023	1163.7	.00046	.00037	54.630	.00082	.55056
#2	-.00081	-.00004	1148.0	.00101	.00030	54.725	.00142	.56368

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	124.43	.53461	.04489	.00076	.01938	.0493	1.0620	5.4476
Stddev	.24	.00010	.00072	.00023	.00104	.0008	.0028	.2235
%RSD	.19022	.01917	1.6017	29.571	5.3613	1.698	.26311	4.1017

#1	124.27	.53454	-.04438	-.00092	.02012	.0499	1.0600	5.6056
#2	124.60	.53469	-.04540	-.00060	.01865	.0487	1.0639	5.2896

Sample Name: J4683-11 Acquired: 8/29/2018 18:28:34 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.684
Stddev	.182
%RSD	1.5568

#1	11.556
#2	11.813

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1857.3	51786.	2932.9	45.783	2542.4
Stddev	1.3	194.	11.0	.029	2.2
%RSD	.07019	.37425	.37516	.06297	.08826

#1	1858.2	51923.	2925.1	45.803	2544.0
#2	1856.3	51649.	2940.7	45.763	2540.8

Sample Name: CCV08 Acquired: 8/29/2018 18:32:45 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8544	4.8697	4.8128	4.8937	4.9028	10.017	9.8511	2.4057
Stddev	.0154	.0009	.0130	.0151	.0100	.043	.0892	.00023
%RSD	.31695	.01887	.27039	.30874	.20482	.42461	.90528	.09607
#1	4.8652	4.8703	4.8220	4.9044	4.9099	9.9874	9.7881	2.4073
#2	4.8435	4.8690	4.8036	4.8830	4.8957	10.048	9.9142	2.4040
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3692	24.471	9.5366	2.3826	1.2385	4.7715	2.4431	24.134
Stddev	.0039	.261	.00320	.0019	.0030	.1196	.0010	.329
%RSD	.16448	1.0658	.33583	.08127	.24193	2.5060	.04038	1.3637
#1	2.3719	24.287	9.5139	2.3840	1.2406	4.6870	2.4424	23.901
#2	2.3664	24.655	9.5592	2.3813	1.2363	4.8561	2.4438	24.367
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3920	1.2089	24.390	2.4294	2.4075	25.370	4.9652	4.9987
Stddev	.0045	.0015	.145	.0086	.0273	.340	.0128	.0832
%RSD	.18712	.12722	.59399	.35449	1.1321	1.3413	.25770	1.6638
#1	2.3952	1.2078	24.287	2.4234	2.3883	25.129	4.9743	4.9399
#2	2.3889	1.2100	24.492	2.4355	2.4268	25.611	4.9562	5.0575
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8080	4.9832	4.8060	4.8647	4.9031	5.028	5.1620	F 3.7630
Stddev	.0162	.0003	.0020	.0542	.0518	.006	.0473	.0296
%RSD	.33704	.00524	.04097	1.1144	1.0564	.1180	.91690	.78661
#1	4.7965	4.9830	4.8074	4.8264	4.8664	5.024	5.1285	3.7839
#2	4.8195	4.9833	4.8046	4.9031	4.9397	5.032	5.1955	3.7420

Sample Name: CCV08 Acquired: 8/29/2018 18:32:45 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F2.5472
Stddev 1.6408
%RSD 64.417

#1 1.3870
#2 3.7075

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1948.2	55883.	2866.4	46.233	2867.4
Stddev	12.4	389.	13.2	.363	16.0
%RSD	.63612	.69613	.45931	.78623	.55824

#1	1939.4	55608.	2857.1	46.490	2856.1
#2	1956.9	56158.	2875.7	45.976	2878.7

Sample Name: CCB08 Acquired: 8/29/2018 18:36:33 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	.00290	.00170	.00161	.00017	.00987	.00172
Stddev	.00396	.00007	.00017	.00246	.00114	.00516	.00018
%RSD	278.00	2.4713	9.8984	152.67	653.55	52.244	10.519

#1	.00138	.00295	.00158	.00013	.00098	-.00623	-.00185
#2	-.00423	.00285	.00182	-.00336	-.00063	-.01352	-.00159

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00009	.01613	.00023	.00000	.00017	.00669
Stddev	.00006	.00021	.00166	.00109	.0000	.00031	.02385
%RSD	69.816	219.74	10.266	474.86	2306.3	180.72	356.34

#1	-.00012	-.00005	.01496	-.00100	-.00002	.00040	-.02355
#2	-.00004	.00024	.01730	.00054	.00002	-.00005	.01017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.02661	.00016	.00032	F1.0147	.00039	.00002
Stddev	.00001	.01049	.00001	.00012	.0100	.00026	.00008
%RSD	37.868	39.399	5.8345	37.067	.98121	65.889	309.23

#1	-.00003	-.01920	.00017	-.00040	1.0217	-.00058	-.00008
#2	-.00002	-.03403	.00016	-.00023	1.0077	-.00021	.00003

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28362	.00028	.01819	.00003	.00402	.00050	.00165
Stddev	.02013	.00008	.00351	.00211	.00168	.00030	.00232
%RSD	7.0971	29.685	19.306	6632.4	41.735	58.784	140.23

#1	.29785	.00033	.01571	-.00146	.00521	-.00071	.00001
#2	.26938	.00022	.02067	.00153	.00284	-.00029	.00329

Sample Name: CCB08 Acquired: 8/29/2018 18:36:33 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00131	-.0009	.00012	F 1.9037	F<00000
Stddev	.00144	.0014	.00009	.0791	1.4920
%RSD	109.90	163.0	75.451	4.1566	143.25

#1	.00232	-.0019	.00018	1.8478	.01347
#2	.00029	.0001	.00005	1.9597	-2.0965

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2035.8	58465.	2841.4	46.693	3221.1
Stddev	12.2	183.	4.1	.492	16.3
%RSD	.60124	.31323	.14524	1.0532	.50757

#1	2027.1	58335.	2844.3	47.041	3209.5
#2	2044.5	58594.	2838.5	46.345	3232.6

Sample Name: J4683-12 Acquired: 8/29/2018 18:40:41 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00214	.00283	.00010	.00551	.00390	.04567	.01756	.00005
Stddev	.00221	.00231	.00090	.00525	.00126	.02196	.00114	.00003
%RSD	103.53	81.735	923.79	95.248	32.346	48.081	6.4816	61.319

#1	.00370	.00446	.00073	.00922	-.00479	.03014	.01675	-.00007
#2	.00057	.00119	-.00054	.00180	-.00301	.06120	.01836	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	91.872	.00084	.00021	.00190	.03602	.00629	243.35
Stddev	.00010	.161	.00077	.00001	.00034	.01585	.00012	.31
%RSD	226.57	.17504	91.608	6.1856	17.864	44.012	1.9411	.12617

#1	-.00012	91.986	-.00030	-.00020	.00166	-.04723	.00620	243.13
#2	.00003	91.758	-.00138	-.00022	.00214	-.02481	.00637	243.57

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00100	.00067	1685.6	.00106	.00074	33.678	.00161	.83600
Stddev	.00017	.00015	16.6	.00040	.00001	.375	.00025	.00556
%RSD	17.418	22.869	.98411	38.099	.97305	.44789	15.406	.66510

#1	.00113	-.00057	1697.3	.00135	.00074	83.943	.00178	.83993
#2	.00088	-.00078	1673.9	.00078	.00075	83.413	.00143	.83207

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	191.38	.64804	.07187	.00127	.03443	.0795	1.5324	3.3110
Stddev	.93	.00385	.00002	.00049	.00003	.0005	.0001	.0464
%RSD	.48707	.59459	.02201	38.526	.08364	.6206	.00313	.73579

#1	192.03	.65077	-.07186	-.00093	.03445	.0792	1.5324	6.3438
#2	190.72	.64532	-.07188	-.00162	.03441	.0799	1.5324	6.2781

Sample Name: J4683-12 Acquired: 8/29/2018 18:40:41 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 12.407
 Stddev 1.339
 %RSD 10.788

#1 11.461
 #2 13.354

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1803.0	50356.	2922.7	47.229	2420.0
Stddev	8.7	369.	13.2	2.266	10.1
%RSD	.48175	.73373	.45112	4.7984	.41830

#1	1796.8	50618.	2913.4	48.832	2412.8
#2	1809.1	50095.	2932.0	45.627	2427.1

Sample Name: J4683-13 Acquired: 8/29/2018 18:44:52 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00532	.00209	.00023	.00486	.00487	.05303	.01686	.00002
Stddev	.00157	.00110	.00152	.00061	.00060	.00483	.00017	.00002
%RSD	29.567	52.574	661.05	12.534	12.303	9.1106	1.0143	110.43

#1	.00644	-.00131	.00131	.00529	-.00530	.04961	.01674	.00000
#2	.00421	-.00287	-.00085	.00443	-.00445	.05645	.01698	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	34.298	.00037	.00036	.00193	.01445	.00440	215.45
Stddev	.00004	.270	.00062	.00019	.00040	.00027	.00000	.59
%RSD	62.287	.32027	166.82	53.073	20.695	1.8425	.00602	.27244

#1	-.00003	84.108	.00007	-.00023	.00221	-.01464	.00440	215.04
#2	-.00009	84.489	-.00081	-.00050	.00165	-.01426	.00440	215.87

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00015	1475.1	.00107	.00028	73.900	.00137	74203
Stddev	.00053	.00061	9.8	.00029	.00013	.013	.00046	.01375
%RSD	414.12	409.76	.66759	26.705	46.382	.01721	33.682	1.8526

#1	-.00050	.00028	1482.1	.00087	.00037	73.891	.00104	.75175
#2	.00025	-.00058	1468.1	.00128	.00019	73.909	.00170	.73231

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	168.69	.59580	.06212	.00110	.03017	.0708	1.3802	5.9702
Stddev	1.51	.00482	.00039	.00560	.00099	.0043	.0076	.0481
%RSD	.89675	.80880	.62748	508.47	3.2741	6.111	.55232	.80584

#1	167.62	.59239	-.06239	.00286	.03086	.0677	1.3748	5.9362
#2	169.76	.59920	-.06184	-.00506	.02947	.0738	1.3856	6.0042

Sample Name: J4683-13 Acquired: 8/29/2018 18:44:52 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 13.650
Stddev 3.327
%RSD 24.375

#1 11.297
#2 16.003

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.8	50849.	2917.5	48.544	2454.3
Stddev	22.9	134.	4.6	1.140	23.8
%RSD	1.2578	.26380	.15810	2.3491	.96970

#1	1833.0	50944.	2920.7	47.738	2471.1
#2	1800.7	50755.	2914.2	49.350	2437.5

Sample Name: J4683-14 Acquired: 8/29/2018 18:49:03 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00349	.00115	.00165	.00226	.00201	.02402	.01844	.00001
Stddev	.00059	.00120	.00043	.00442	.00264	.01801	.00067	.00001
%RSD	16.780	104.96	25.898	195.81	131.19	75.005	3.6373	68.918

#1	.00390	.00030	.00135	.00538	-.00015	.01128	.01892	-.00002
#2	.00307	.00200	.00195	-.00087	-.00388	.03676	.01797	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	35.309	.00062	.00051	.00184	.03662	.00160	145.59
Stddev	.00017	1.131	.00001	.00002	.00034	.00535	.00009	1.28
%RSD	1875.6	1.7312	1.6509	4.7752	18.498	14.610	5.4212	.87711

#1	-.00011	66.108	-.00061	-.00050	.00208	-.03284	.00154	146.49
#2	.00013	64.509	-.00063	-.00053	.00160	-.04041	.00166	144.69

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00022	.00028	1041.6	.00066	.00037	49.270	.00111	.51247
Stddev	.00048	.00043	21.4	.00035	.00001	.189	.00030	.00374
%RSD	215.73	153.11	2.0518	53.673	3.1616	.38443	26.897	.72963

#1	.00012	-.00058	1056.7	.00091	.00036	49.404	.00090	.51511
#2	-.00056	.00002	1026.5	.00041	.00037	49.136	.00132	.50982

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	110.81	.51148	.04121	.00002	.01725	.0430	.96405	.50015
Stddev	.80	.00482	.00107	.00001	.00031	.0036	.00125	.0738
%RSD	.72212	.94140	2.5924	29.107	1.7917	8.398	.12993	1.4750

#1	111.38	.51488	-.04197	.00001	.01746	.0455	.96494	4.9493
#2	110.25	.50807	-.04046	.00002	.01703	.0404	.96317	5.0537

Sample Name: J4683-14 Acquired: 8/29/2018 18:49:03 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.965
Stddev	2.340
%RSD	21.339

#1	12.620
#2	9.3108

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1871.5	52604.	2974.2	48.733	2581.8
Stddev	9.6	466.	26.8	1.554	16.9
%RSD	.51230	.88559	.89974	3.1890	.65405

#1	1864.7	52933.	2955.2	47.634	2569.9
#2	1878.3	52274.	2993.1	49.832	2593.8

Sample Name: J4683-15 Acquired: 8/29/2018 18:53:15 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00252	.00065	.00098	.00664	.00282	.03427	.01889	.00003
Stddev	.00138	.00106	.00184	.00044	.00065	.00406	.00046	.00000
%RSD	54.464	162.35	186.72	6.6083	22.908	11.842	2.4471	7.8108

#1	.00350	.00010	-.00032	.00695	-.00328	.03714	.01922	.00002
#2	.00155	-.00140	.00228	.00633	-.00236	.03140	.01856	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	33.094	.00018	.00015	.00133	.01951	.01834	140.57
Stddev	.00007	1.036	.00006	.00013	.00029	.01440	.00010	.14
%RSD	87.210	1.6418	31.460	84.217	22.030	73.821	.56098	.09766

#1	-.00013	63.826	-.00014	-.00024	.00154	-.00933	.01841	140.47
#2	-.00003	62.361	-.00022	-.00006	.00112	-.02970	.01826	140.66

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.00004	1013.9	.00104	.00015	47.287	.00108	48956
Stddev	.00039	.00029	10.3	.00004	.00002	.696	.00007	.00874
%RSD	126.17	665.28	1.0148	3.7296	11.917	1.4727	6.7325	1.7857

#1	-.00058	.00025	1021.1	.00101	.00016	47.780	.00103	.48338
#2	-.00003	-.00016	1006.6	.00106	.00014	46.795	.00114	.49574

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	106.99	49304	.04076	.00199	.01646	.0516	.92448	5.0682
Stddev	.14	.00554	.00001	.00308	.00203	.0028	.00816	.3665
%RSD	.13456	1.1238	.03301	154.80	12.337	5.374	.88218	7.2310

#1	107.09	.49696	-.04077	-.00019	.01503	.0496	.93025	5.3273
#2	106.89	.48912	-.04075	.00416	.01790	.0535	.91871	4.8090

Sample Name: J4683-15 Acquired: 8/29/2018 18:53:15 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 10.959
Stddev 2.374
%RSD 21.666

#1 12.638
#2 9.2802

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.8	52958.	3001.3	48.034	2606.7
Stddev	1.5	121.	33.9	.224	.9
%RSD	.07799	.22793	1.1284	.46721	.03560

#1	1893.8	52872.	2977.3	47.875	2607.4
#2	1891.7	53043.	3025.2	48.193	2606.1

Sample Name: J4683-16 Acquired: 8/29/2018 18:57:26 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00143	.00015	.00085	.00123	.00408	.01591	.01867	.00008
Stddev	.00534	.00086	.00077	.00321	.00218	.02525	.00049	.00009
%RSD	374.40	581.10	90.636	261.03	53.587	158.65	2.6289	118.57

#1	-.00235	.00075	.00140	.00350	-.00253	.03376	.01902	-.00001
#2	.00521	-.00046	.00031	-.00104	-.00562	-.00194	.01832	-.00014

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	31.030	.00081	.00042	.00155	.00803	.02105	129.69
Stddev	.00012	.090	.00030	.00026	.00052	.01224	.00023	.14
%RSD	73.409	.14717	37.169	62.142	33.665	152.44	1.0741	.10926

#1	-.00008	61.094	-.00102	-.00060	.00118	.01669	.02089	129.79
#2	-.00024	60.967	-.00059	-.00023	.00192	-.00063	.02121	129.59

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	.00046	349.76	.00106	.00012	43.261	.00087	44972
Stddev	.00015	.00045	.39	.00054	.00016	.121	.00009	.00960
%RSD	38.233	97.318	.04153	51.287	132.23	.27930	9.9298	2.1340

#1	-.00050	-.00078	949.48	.00145	.00001	43.346	.00081	.44293
#2	-.00029	-.00014	950.04	.00068	.00023	43.176	.00094	.45650

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.365	48913	.03606	.00115	.01489	.0442	.86157	4.8360
Stddev	.147	.00619	.00143	.00090	.00145	.0032	.00028	.2480
%RSD	.15102	1.2649	3.9578	77.952	9.7348	7.225	.03233	5.1272

#1	97.261	.48476	-.03707	-.00178	.01386	.0420	.86177	5.0114
#2	97.469	.49351	-.03505	-.00052	.01591	.0465	.86138	4.6607

Sample Name: J4683-16 Acquired: 8/29/2018 18:57:26 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.054
Stddev	.098
%RSD	.97230

#1	10.123
#2	9.9848

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1900.5	53010.	2975.5	45.516	2629.6
Stddev	.9	44.	1.6	1.228	3.5
%RSD	.04980	.08301	.05364	2.6976	.13413

#1	1901.1	53041.	2974.4	44.648	2632.1
#2	1899.8	52979.	2976.7	46.384	2627.1

Sample Name: J4683-17 Acquired: 8/29/2018 19:01:37 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00061	.00087	.00027	.00224	.00188	.02105	.01932	.00001
Stddev	.00178	.00056	.00127	.00586	.00378	.01344	.00057	.00005
%RSD	290.04	64.534	468.90	261.35	200.94	63.816	2.9293	427.01

#1	-.00065	-.00126	-.00063	.00639	-.00455	.01155	.01892	-.00005
#2	.00187	-.00047	.00117	-.00190	.00079	.03055	.01972	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	53.849	.00086	.00041	.00121	.01343	.02440	142.09
Stddev	.00007	1.215	.00052	.00033	.00017	.01306	.00013	.64
%RSD	121.61	1.9021	60.196	78.908	14.295	97.177	.53277	.44973

#1	-.00011	64.707	-.00050	-.00065	.00109	-.02267	.02449	142.54
#2	-.00001	62.990	-.00123	-.00018	.00134	-.00420	.02431	141.64

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	.00004	1023.2	.00086	.00034	47.564	.00104	.50040
Stddev	.00004	.00040	7.7	.00020	.00011	.807	.00012	.00382
%RSD	8.5331	1062.5	.75212	23.508	32.525	1.6974	11.512	.76285

#1	-.00048	.00025	1028.7	.00100	.00042	48.135	.00096	.50310
#2	-.00043	-.00032	1017.8	.00071	.00026	46.994	.00113	.49770

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	108.62	.51012	.04106	.00080	.01712	.0566	.93438	4.7256
Stddev	.14	.01045	.00104	.00029	.00076	.0016	.01445	.0827
%RSD	.12478	2.0477	2.5293	35.692	4.4345	2.882	1.5461	1.7510

#1	108.53	.51750	-.04033	-.00100	.01766	.0577	.94459	4.6671
#2	108.72	.50273	-.04180	-.00060	.01659	.0554	.92416	4.7841

Sample Name: J4683-17 Acquired: 8/29/2018 19:01:37 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 9.7546
 Stddev .1337
 %RSD 1.3706

#1 9.8492
 #2 9.6601

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1880.0	53030.	2978.6	49.871	2593.3
Stddev	.5	130.	39.0	.324	.9
%RSD	.02450	.24536	1.3104	.65029	.03324

#1	1880.3	52938.	2951.0	49.641	2593.9
#2	1879.7	53122.	3006.2	50.100	2592.7

Sample Name: J4683-18 Acquired: 8/29/2018 19:05:48 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00400	.00073	.00058	.00293	.00422	.02639	.01938	.00004
Stddev	.00043	.00174	.00112	.00088	.00101	.00152	.00084	.00007
%RSD	10.773	238.38	191.83	30.073	24.037	5.7431	4.3598	208.92

#1	.00431	-.00050	-.00021	.00355	-.00494	.02747	.01998	-.00009
#2	.00370	.00196	.00138	.00230	-.00350	.02532	.01878	.00002

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	33.177	.00056	.00041	.00191	.01615	.03073	137.20
Stddev	.00007	.206	.00062	.00030	.00108	.01657	.00019	.46
%RSD	207.63	.32680	110.76	74.080	56.682	102.59	.63451	.33303

#1	.00002	63.323	-.00099	-.00062	.00268	-.02787	.03087	136.88
#2	-.00009	63.031	-.00012	-.00019	.00114	-.00443	.03059	137.52

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00038	.00039	1003.9	.00063	.00013	45.884	.00101	49193
Stddev	.00010	.00001	2.8	.00047	.00008	.064	.00001	.00313
%RSD	25.237	3.2988	.27475	74.452	61.653	.13996	.64462	.63714

#1	-.00045	-.00040	1002.0	.00030	.00008	45.930	.00101	.48972
#2	-.00031	-.00039	1005.9	.00096	.00019	45.839	.00102	.49415

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	103.75	49840	.03974	.00067	.01750	.0511	.91187	5.0765
Stddev	.17	.00366	.00019	.00077	.00162	.0019	.00212	.4382
%RSD	.16829	.73372	.48321	115.19	9.2678	3.719	.23263	8.6324

#1	103.87	.50099	-.03987	-.00122	.01865	.0497	.91037	5.3864
#2	103.62	.49582	-.03960	-.00012	.01635	.0524	.91337	4.7667

Sample Name: J4683-18 Acquired: 8/29/2018 19:05:48 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	10.310
Stddev	.337
%RSD	3.2669

#1	10.548
#2	10.072

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1875.0	52530.	2923.7	48.154	2590.3
Stddev	1.4	33.	3.7	.446	5.7
%RSD	.07698	.06224	.12528	.92557	.22009

#1	1874.0	52553.	2921.1	48.469	2586.3
#2	1876.0	52507.	2926.3	47.839	2594.3

Sample Name: CCV09 Acquired: 8/29/2018 19:09:59 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8615	4.8721	4.8309	4.8784	4.9178	3.8333	3.8032	2.4314
Stddev	.0116	.0022	.0090	.0154	.0009	.2120	.1199	.00127
%RSD	.23816	.04589	.18592	.31512	.01801	2.1561	1.2227	.52072

#1	4.8534	4.8737	4.8245	4.8676	4.9171	9.6834	9.7184	.24224
#2	4.8697	4.8705	4.8372	4.8893	4.9184	9.9832	9.8879	.24403

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3868	24.347	.96422	2.3992	1.2392	4.7792	2.4636	24.100
Stddev	.0024	.314	.00494	.0024	.0016	.0106	.0131	.410
%RSD	.09865	1.2884	.51229	.09900	.12872	.22079	.53138	1.7020

#1	2.3851	24.125	.96073	2.3975	1.2381	4.7867	2.4544	23.810
#2	2.3884	24.568	.96771	2.4009	1.2404	4.7717	2.4729	24.390

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4046	1.2137	24.157	2.4453	2.4507	25.024	4.9614	4.9622
Stddev	.0041	.0044	.099	.0061	.0602	.352	.0010	.1000
%RSD	.16897	.36575	.40893	.24819	2.4572	1.4065	.01966	2.0148

#1	2.4017	1.2105	24.087	2.4410	2.4933	24.775	4.9607	4.8915
#2	2.4074	1.2168	24.226	2.4496	2.4081	25.273	4.9621	5.0329

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7837	4.9932	4.8019	4.8467	4.8920	5.038	5.1103	F 3.7609
Stddev	.0028	.0237	.0070	.0553	.0668	.003	.0598	.1318
%RSD	.05882	.47407	.14526	1.1404	1.3650	.0602	1.1694	3.5041

#1	4.7857	5.0099	4.7970	4.8076	4.8447	5.041	5.0681	3.6677
#2	4.7817	4.9764	4.8069	4.8858	4.9392	5.036	5.1526	3.8541

Sample Name: CCV09 Acquired: 8/29/2018 19:09:59 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.9957
Stddev	.1565
%RSD	5.2256

#1	2.8850
#2	3.1064

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.1	56307.	2869.5	45.893	2885.5
Stddev	8.8	97.	22.5	1.353	12.7
%RSD	.44726	.17292	.78458	2.9474	.44016

#1	1951.9	56375.	2853.5	44.937	2876.5
#2	1964.3	56238.	2885.4	46.850	2894.5

Sample Name: CCB09 Acquired: 8/29/2018 19:13:47 Type: Unk
Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	.00328	.00107	.00192	.00002	.00995	.00115
Stddev	.00019	.00143	.00159	.00194	.00165	.02068	.00001
%RSD	16.013	43.586	148.95	101.19	6794.8	207.85	.67197

#1	.00129	.00428	.00219	-.00055	.00114	-.02457	-.00116
#2	.00103	.00227	-.00006	-.00329	-.00119	.00467	-.00115

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00013	.00185	.00045	.00021	.00026	.00609
Stddev	.00001	.00002	.00540	.00049	.00025	.00056	.00636
%RSD	55.002	16.542	292.05	108.17	119.78	212.60	104.42

#1	-.00003	.00011	-.00566	.00080	-.00003	.00065	-.00159
#2	-.00001	.00014	.00197	.00011	-.00039	-.00013	-.01059

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.06024	.00013	.00030	F 1.1726	.00044	.00012
Stddev	.00002	.02935	.00012	.00018	.0046	.00044	.00002
%RSD	165.09	48.726	94.376	58.936	.38970	99.430	15.413

#1	.00000	-.03948	-.00004	-.00043	1.1759	-.00013	.00013
#2	.00003	-.08099	-.00021	-.00018	1.1694	-.00075	.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28161	.00004	.01083	.00386	.00029	.00077	.00382
Stddev	.01628	.00006	.00067	.00012	.00192	.00039	.00170
%RSD	5.7827	133.44	6.1418	2.9912	653.11	50.739	44.447

#1	.29313	.00008	.01036	-.00395	.00165	-.00049	.00262
#2	.27010	.00000	.01130	-.00378	-.00106	-.00105	.00501

Sample Name: CCB09 Acquired: 8/29/2018 19:13:47 Type: Unk
 Method: P4-ICP2(v2382) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00351	-.0026	.00000	F 1.6226	F < .00000
Stddev	.00106	.0017	.00013	.0710	1.1465
%RSD	30.074	65.41	3472.4	4.3770	1206.3
#1	.00426	-.0014	.00010	1.6728	.71568
#2	.00277	-.0038	-.00009	1.5724	-.90577
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.6	58801.	2884.1	46.586	3240.2
Stddev	12.7	137.	21.9	.636	14.8
%RSD	.61869	.23306	.76037	1.3661	.45695
#1	2041.7	58898.	2868.6	46.136	3229.7
#2	2059.6	58704.	2899.6	47.036	3250.6