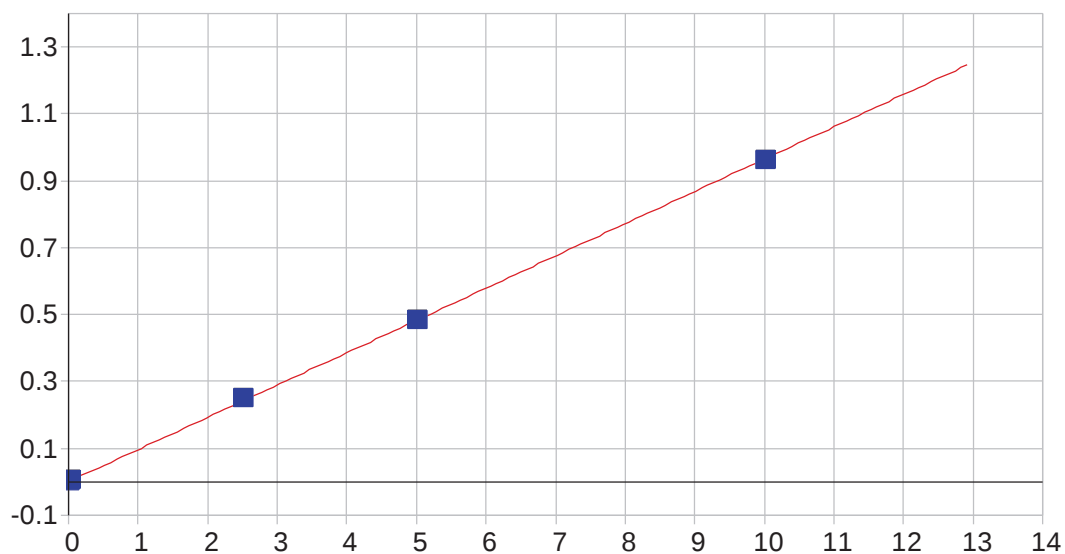




As 189.042 {478}

Date of Fit: 8/21/2018 01:15:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000053

Re-Slope: 1.000000

A1 (Gain): 0.096482

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999939

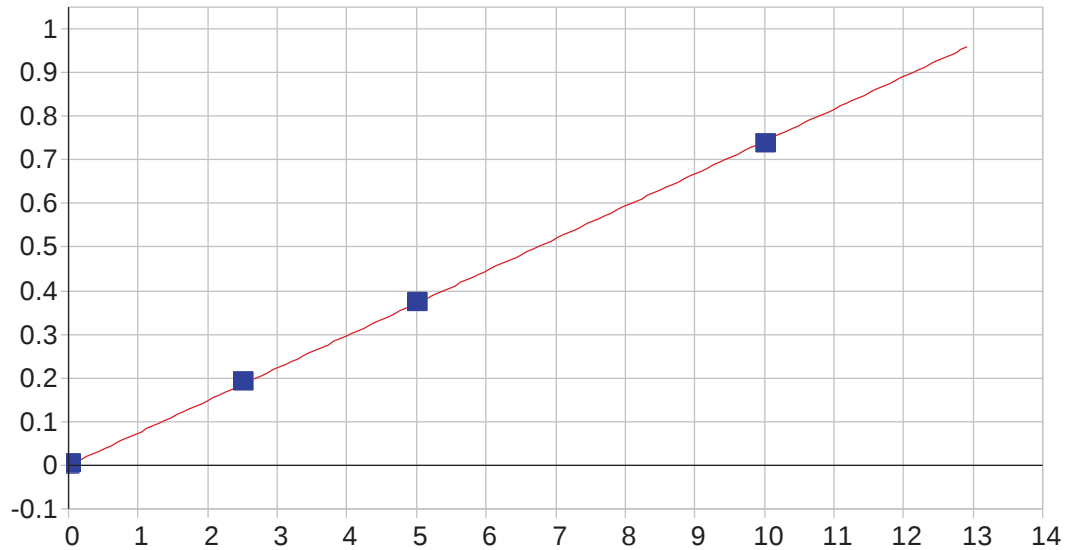
Status: OK.

Std Error of Est: 0.000026

Predicted MDL: 0.003650

Predicted MQL: 0.012168

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.02000	.01920	-.001	-3.98	.00191	.000	1
S3	2.5000	2.5636	.064	2.54	.24738	.001	1
S4	5.0000	5.0054	.005	.108	.48295	.000	1
S5	10.000	9.9318	-.068	-.682	.95823	.000	1

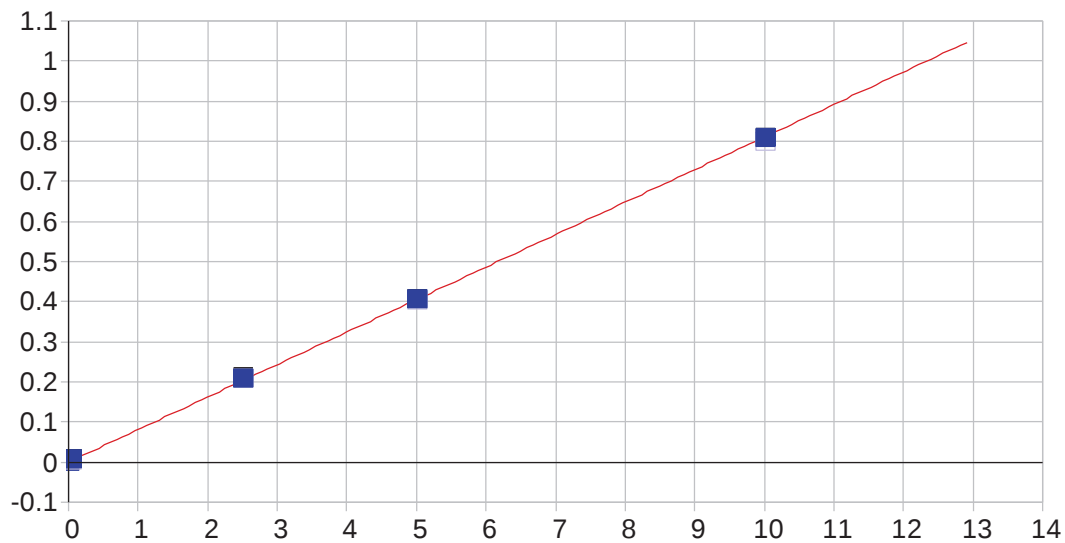


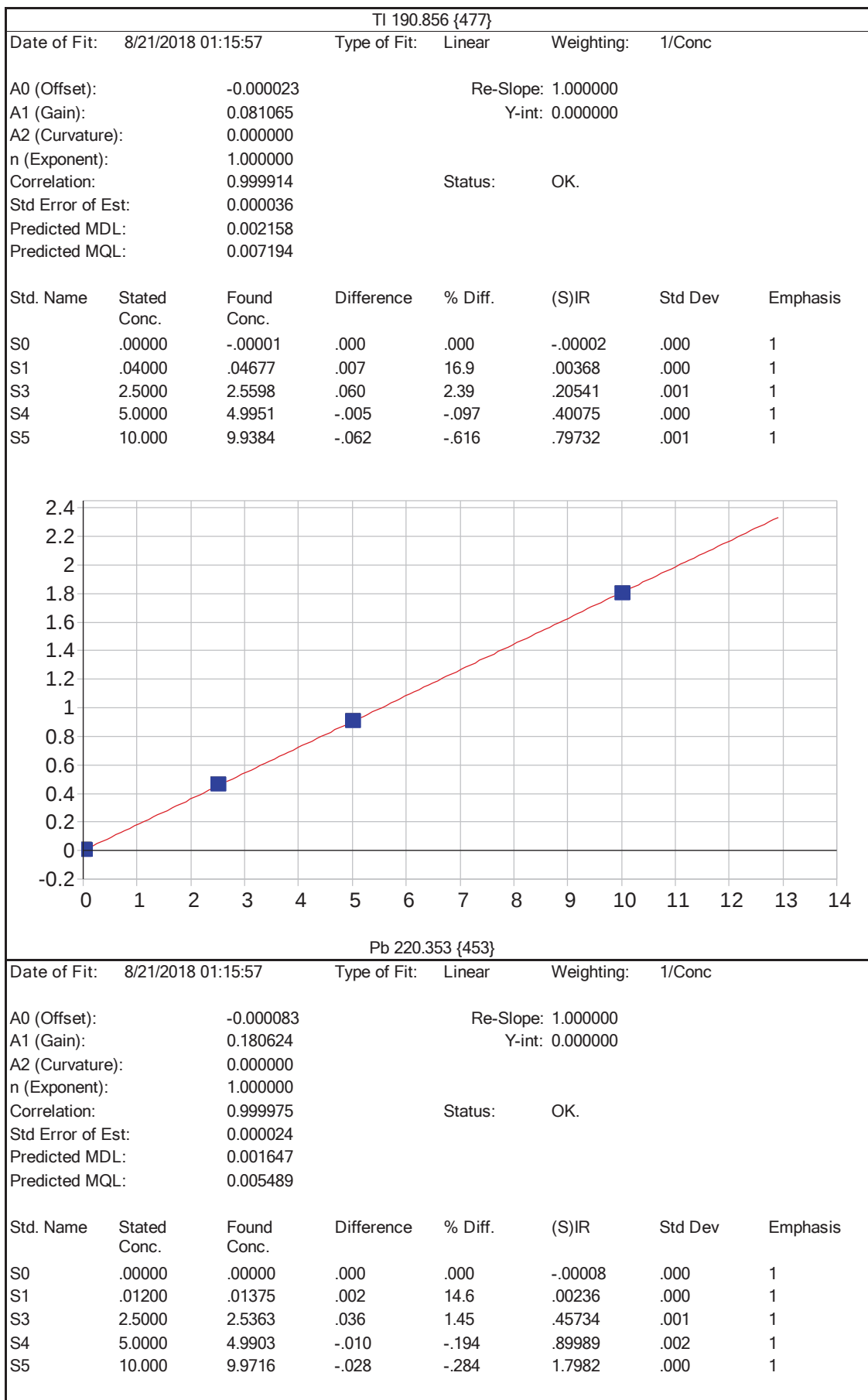
As 189.042 {479}

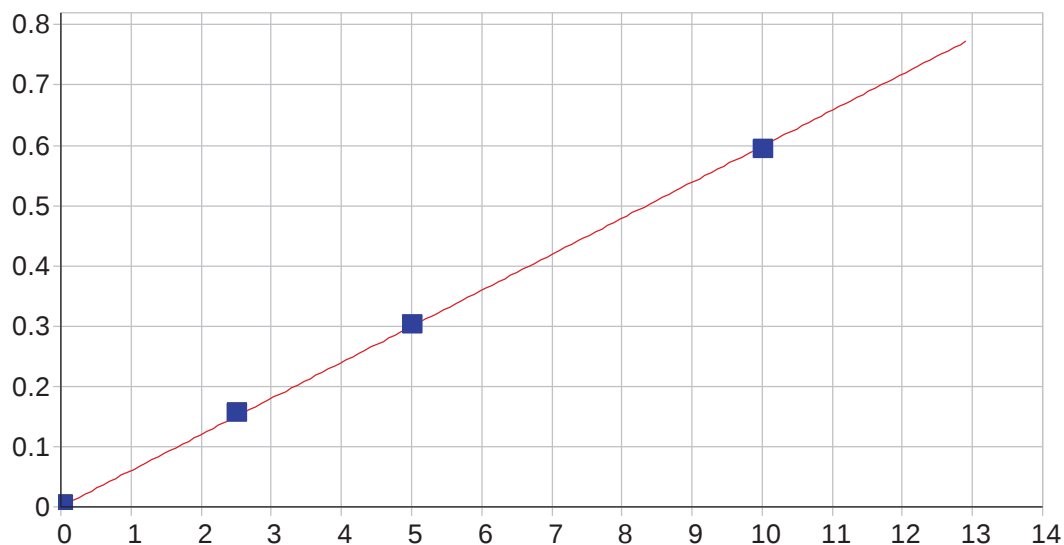
Date of Fit: 8/21/2018 01:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000108 Re-Slope: 1.000000
 A1 (Gain): 0.074213 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999929 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.003387
 Predicted MQL: 0.011291

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.02000	.02169	.002	8.43	.00150	.000	1
S3	2.5000	2.5675	.067	2.70	.19042	.001	1
S4	5.0000	5.0041	.004	.081	.37123	.001	1
S5	10.000	9.9267	-.073	-.733	.73653	.000	1





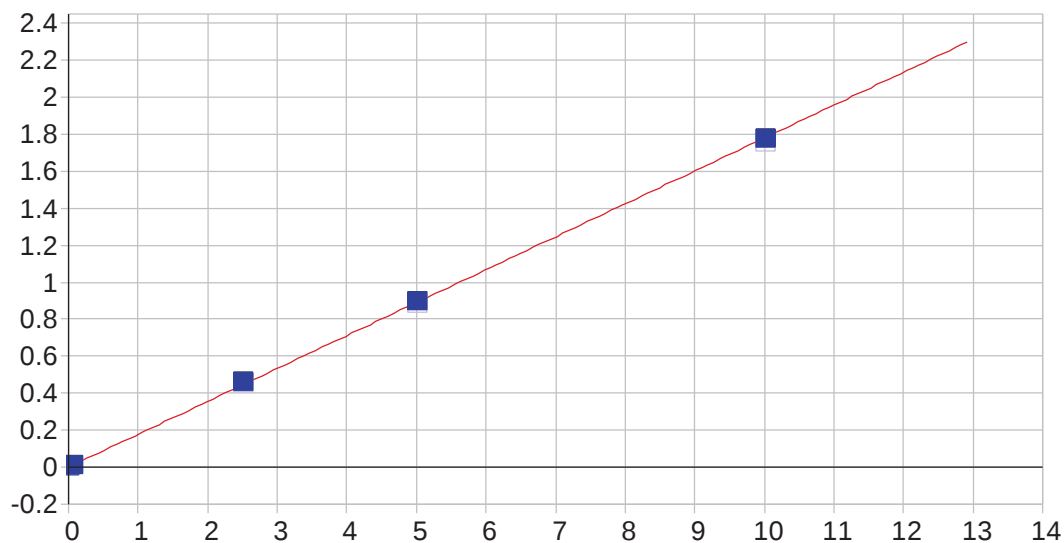


Se 196.090 {472}

Date of Fit: 8/21/2018 01:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000235 Re-Slope: 1.000000
 A1 (Gain): 0.059828 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.004625
 Predicted MQL: 0.015416

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.02000	.02083	.001	4.15	.00148	.000	1
S3	2.5000	2.5778	.078	3.11	.15446	.000	1
S4	5.0000	5.0253	.025	.505	.30090	.001	1
S5	10.000	9.8961	-.104	-1.04	.59232	.001	1

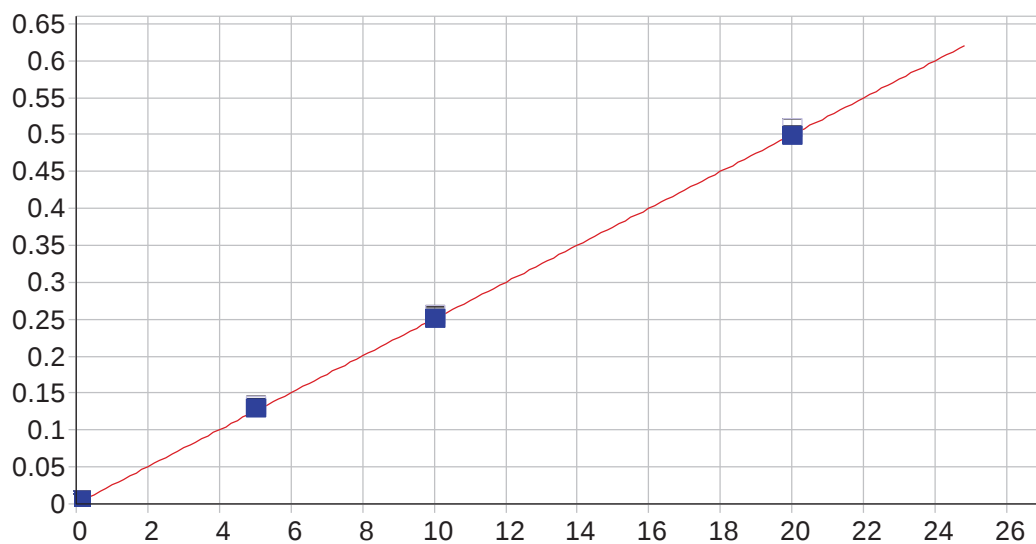


Sb 206.833 {463}

Date of Fit: 8/21/2018 01:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000105 Re-Slope: 1.000000
 A1 (Gain): 0.177934 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946 Status: OK.
 Std Error of Est: 0.000070
 Predicted MDL: 0.002166
 Predicted MQL: 0.007219

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00010	.000	1
S1	.05000	.05403	.004	8.05	.00950	.000	1
S3	2.5000	2.5546	.055	2.19	.44966	.000	1
S4	5.0000	5.0001	.000	.003	.87979	.003	1
S5	10.000	9.9413	-.059	-.587	1.7490	.003	1

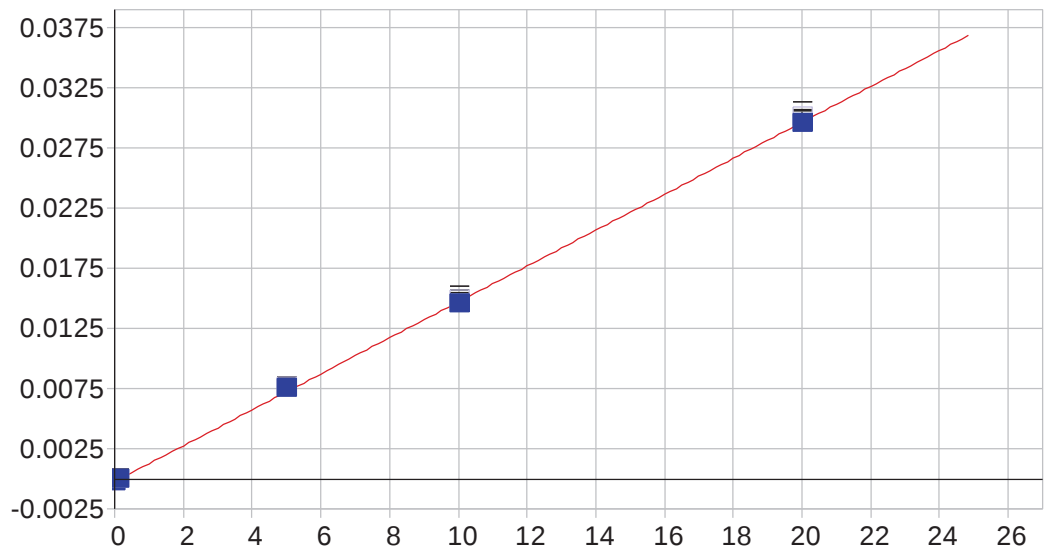


Al 308.215 {109}

Date of Fit: 8/21/2018 01:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000490 Re-Slope: 1.000000
 A1 (Gain): 0.024962 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999942 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.003939
 Predicted MQL: 0.013130

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00049	.000	1
S1	.10000	.10258	.003	2.58	.00322	.000	1
S3	5.0000	5.1332	.133	2.66	.13111	.000	1
S4	10.000	9.9540	-.046	-.460	.25393	.001	1
S5	20.000	19.910	-.090	-.450	.50743	.000	1

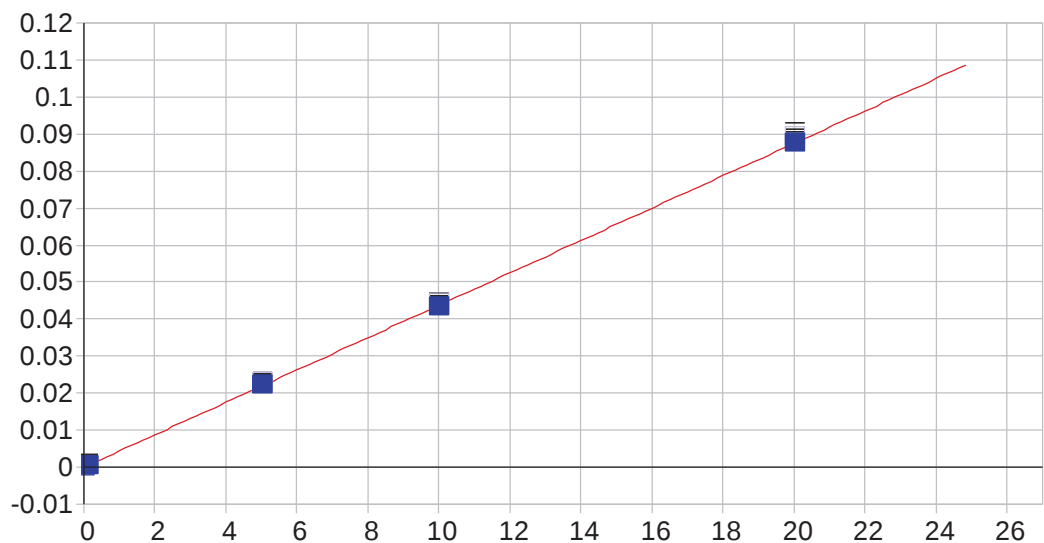


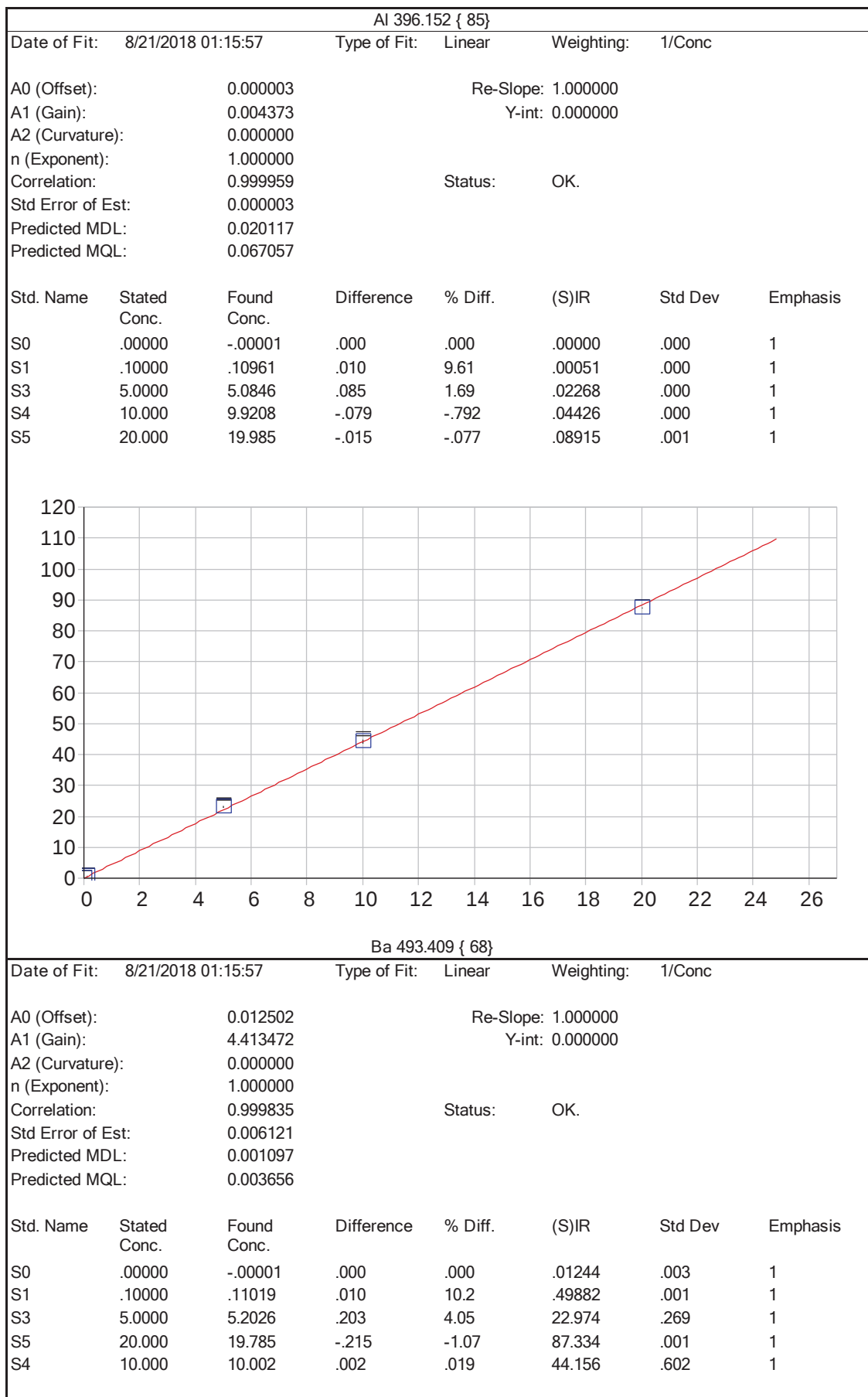
AI 309.271 {109}

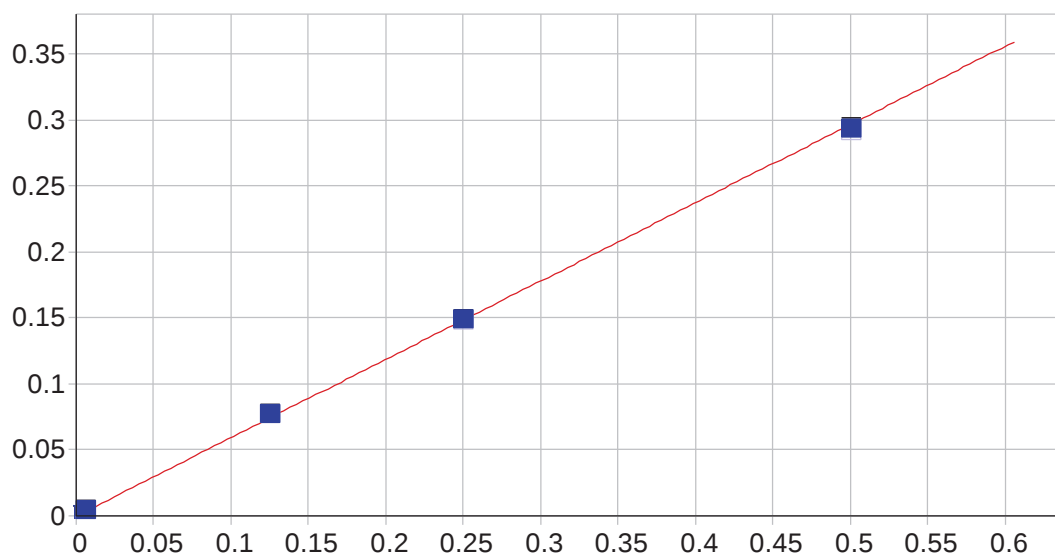
Date of Fit: 8/21/2018 01:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000231 Re-Slope: 1.000000
 A1 (Gain): 0.001493 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999917 Status: OK.
 Std Error of Est: 0.000002
 Predicted MDL: 0.040408
 Predicted MQL: 0.134694

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.10000	.09898	-.001	-1.02	-.00007	.000	1
S3	5.0000	5.1590	.159	3.18	.00762	.000	1
S4	10.000	9.9133	-.087	-.867	.01486	.000	1
S5	20.000	19.929	-.071	-.357	.03011	.000	1





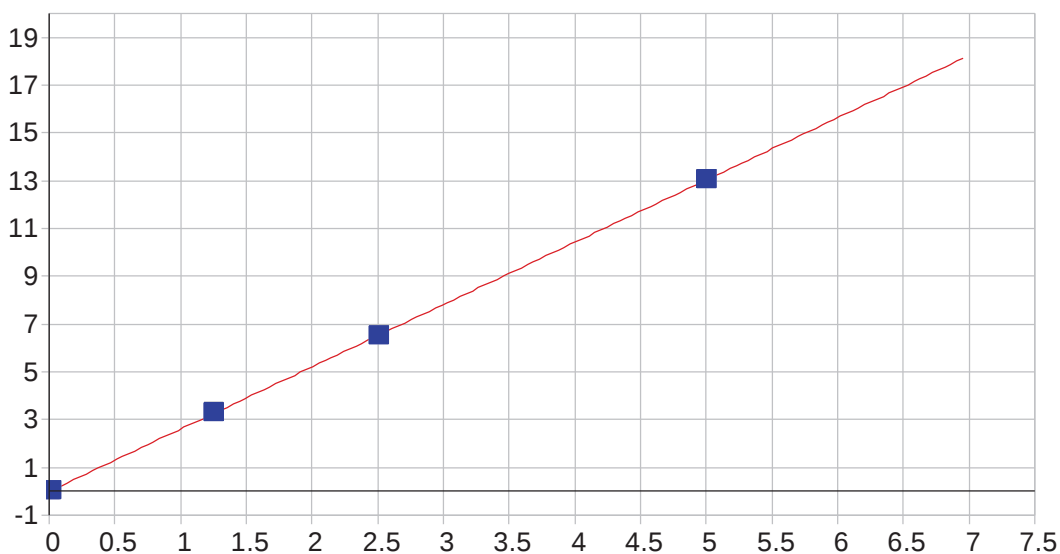


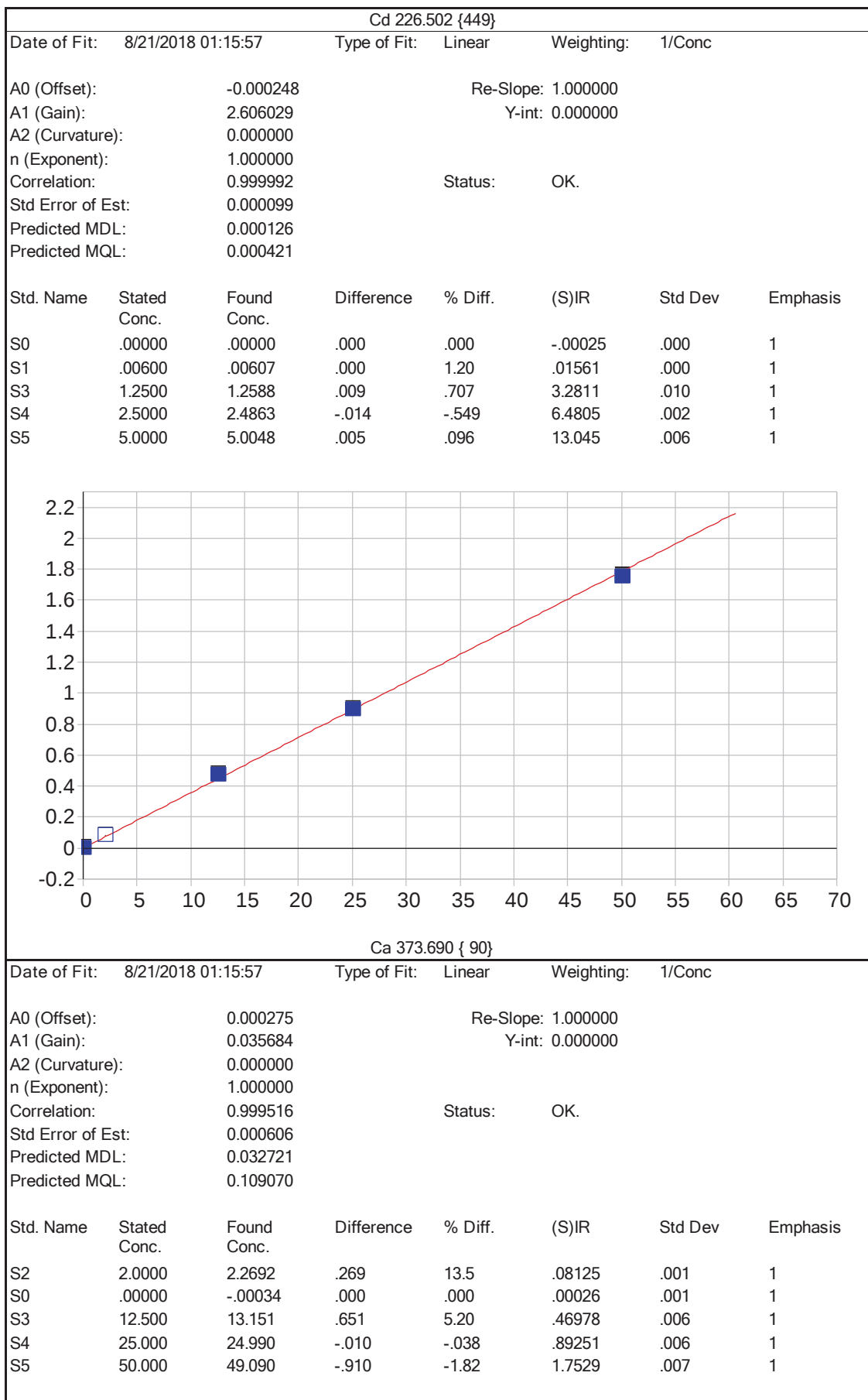
Be 234.861 {144}

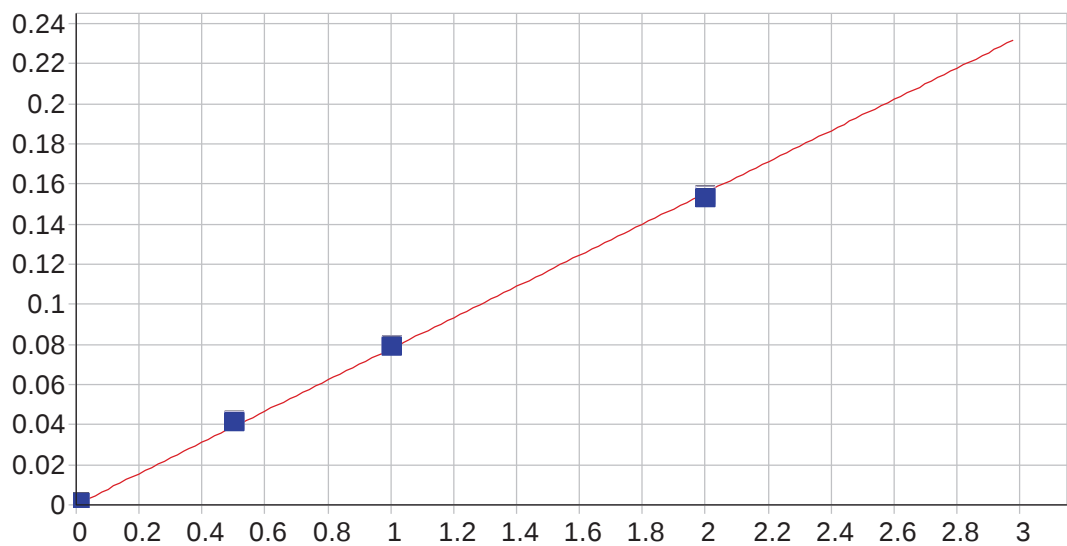
Date of Fit: 8/21/2018 01:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000035 Re-Slope: 1.000000
 A1 (Gain): 0.592623 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999859 Status: OK.
 Std Error of Est: 0.000029
 Predicted MDL: 0.000086
 Predicted MQL: 0.000285

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.00600	.00627	.000	4.43	.00371	.000	1
S3	.12500	.12963	.005	3.71	.07639	.000	1
S4	.25000	.25063	.001	.252	.14763	.000	1
S5	.50000	.49447	-.006	-1.11	.29121	.001	1





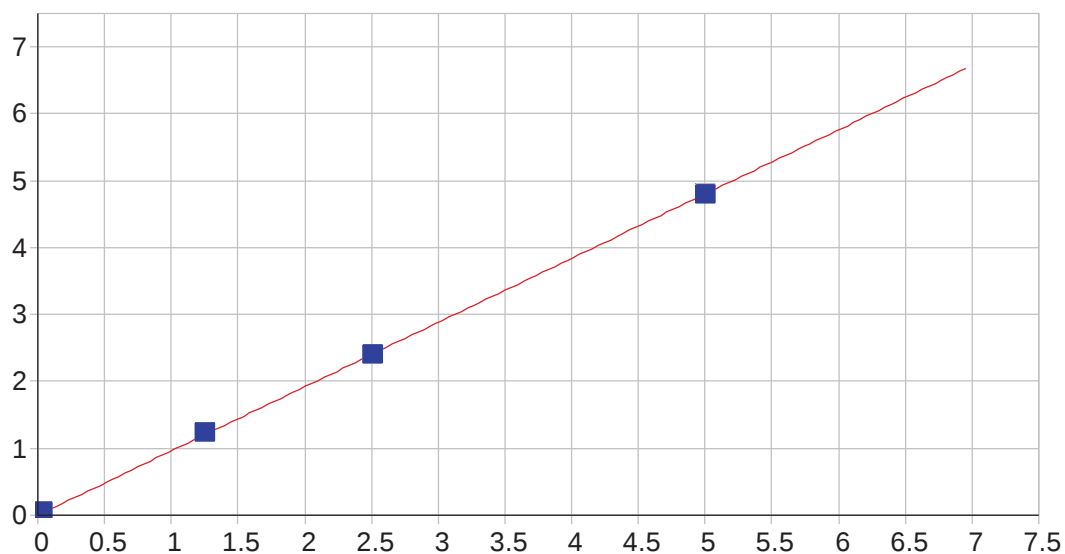


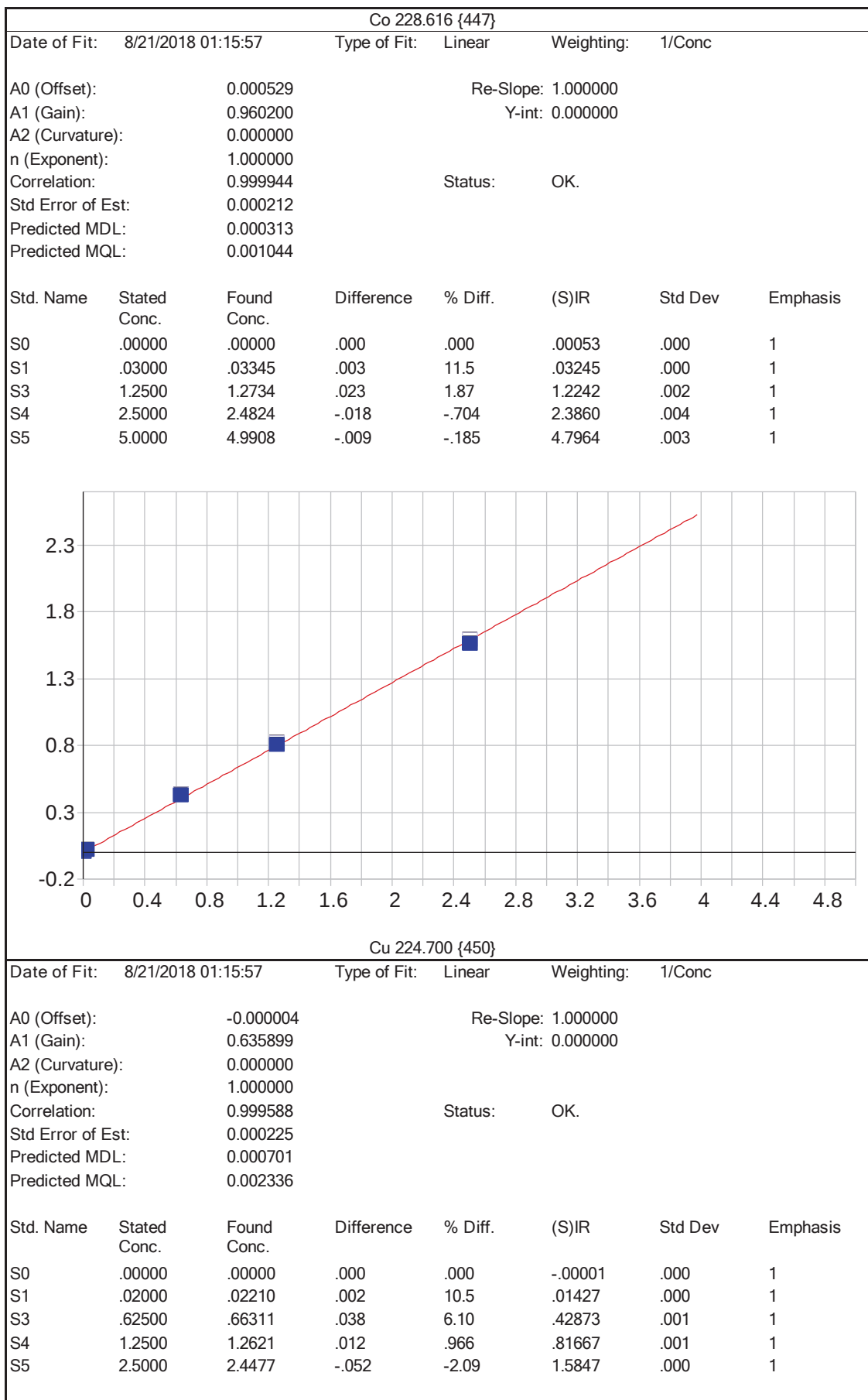
Cr 267.716 {126}

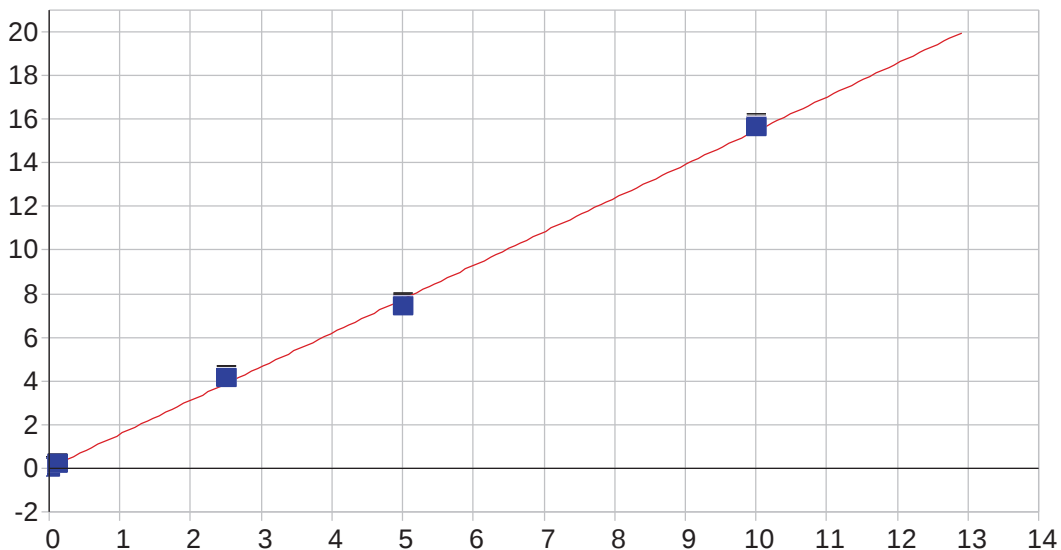
Date of Fit: 8/21/2018 01:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000059 Re-Slope: 1.000000
 A1 (Gain): 0.077704 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999686 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.000722
 Predicted MQL: 0.002406

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.01000	.01112	.001	11.2	.00093	.000	1
S3	.50000	.52611	.026	5.22	.04123	.000	1
S4	1.0000	1.0093	.009	.930	.07907	.000	1
S5	2.0000	1.9635	-.037	-1.83	.15379	.000	1







Fe 240.488 {140}

Date of Fit: 8/21/2018 01:15:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.012659

Re-Slope: 1.000000

A1 (Gain): 1.545722

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999443

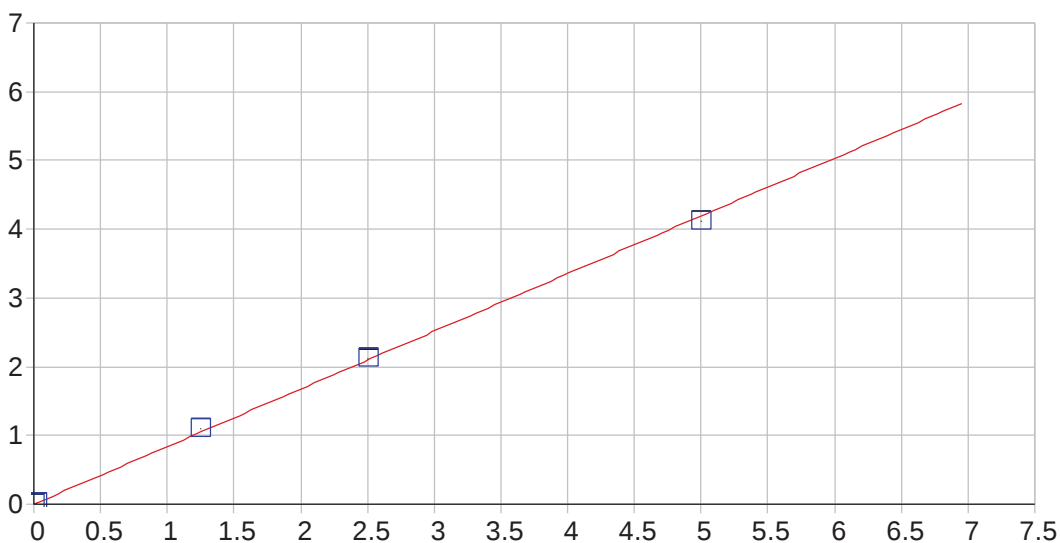
Status: OK.

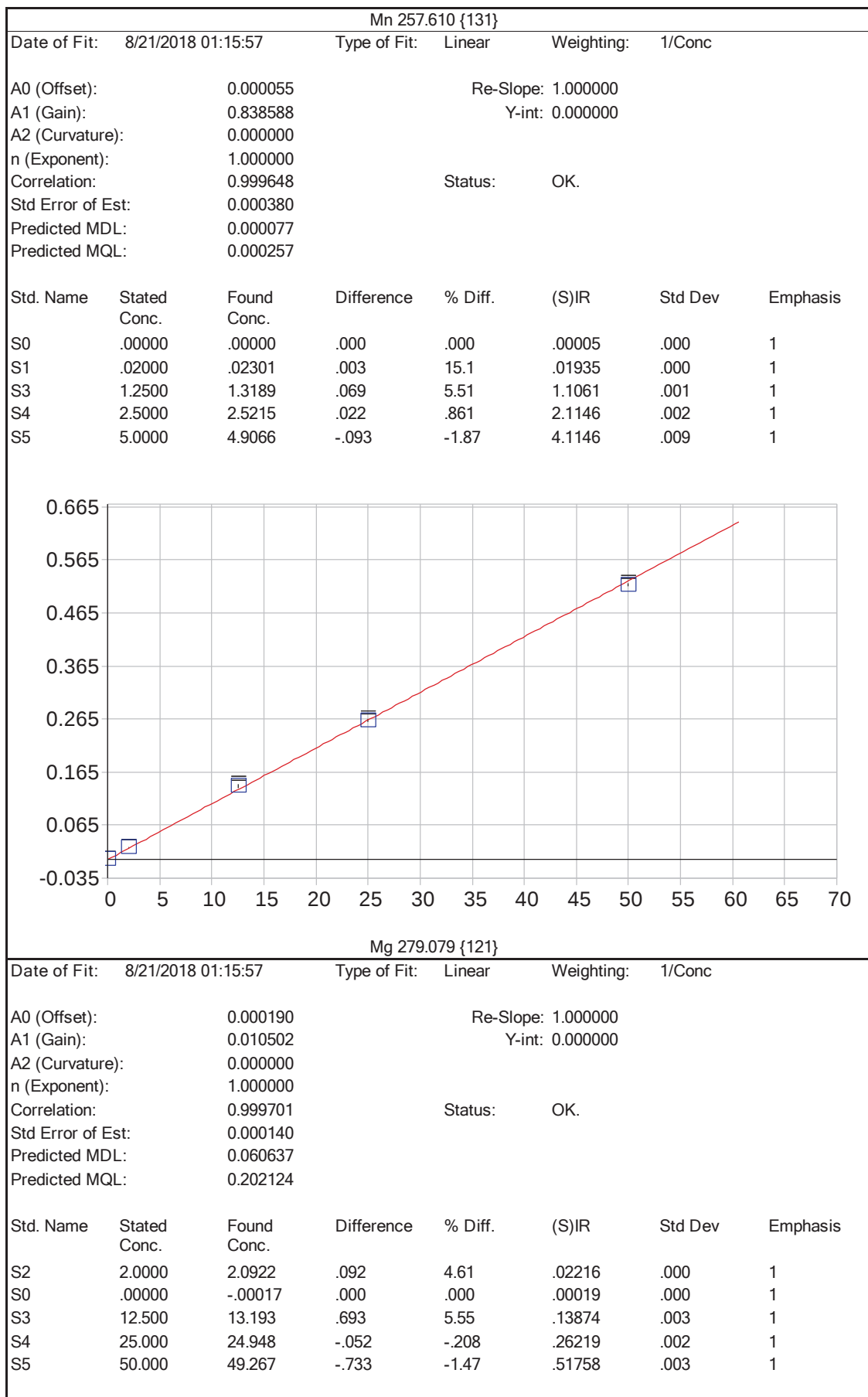
Std Error of Est: 0.002809

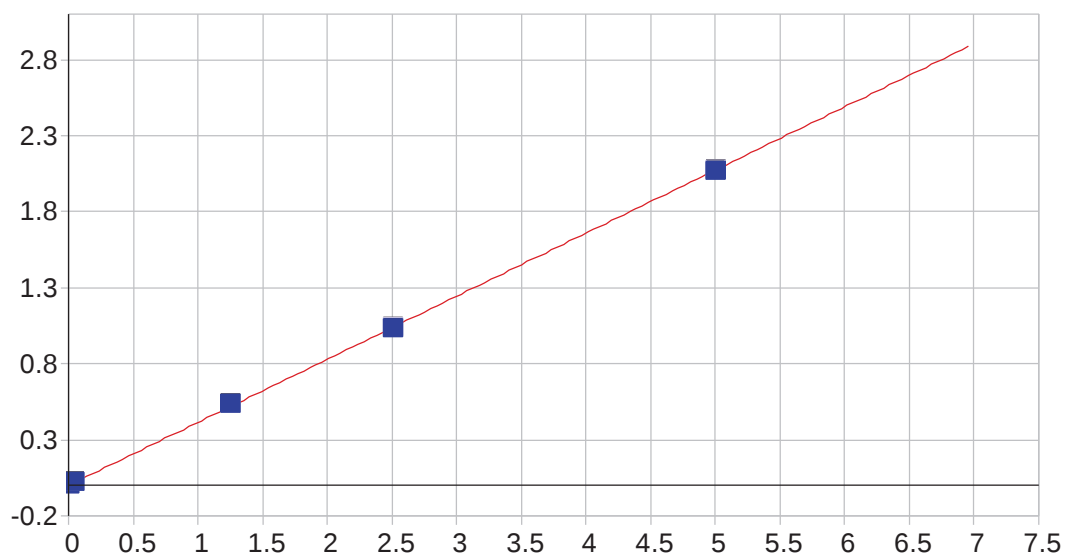
Predicted MDL: 0.015982

Predicted MQL: 0.053273

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.01264	.034	1
S1	.10000	.11219	.012	12.2	.18683	.003	1
S3	2.5000	2.6350	.135	5.40	4.1051	.143	1
S4	5.0000	4.7720	-.228	-4.56	7.4277	.123	1
S5	10.000	10.081	.081	.808	15.672	.080	1





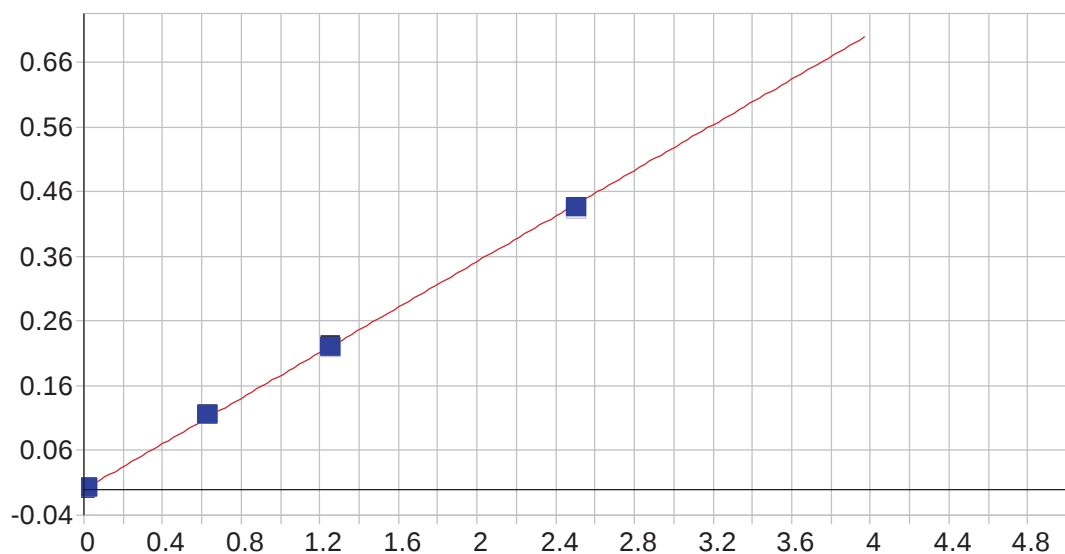


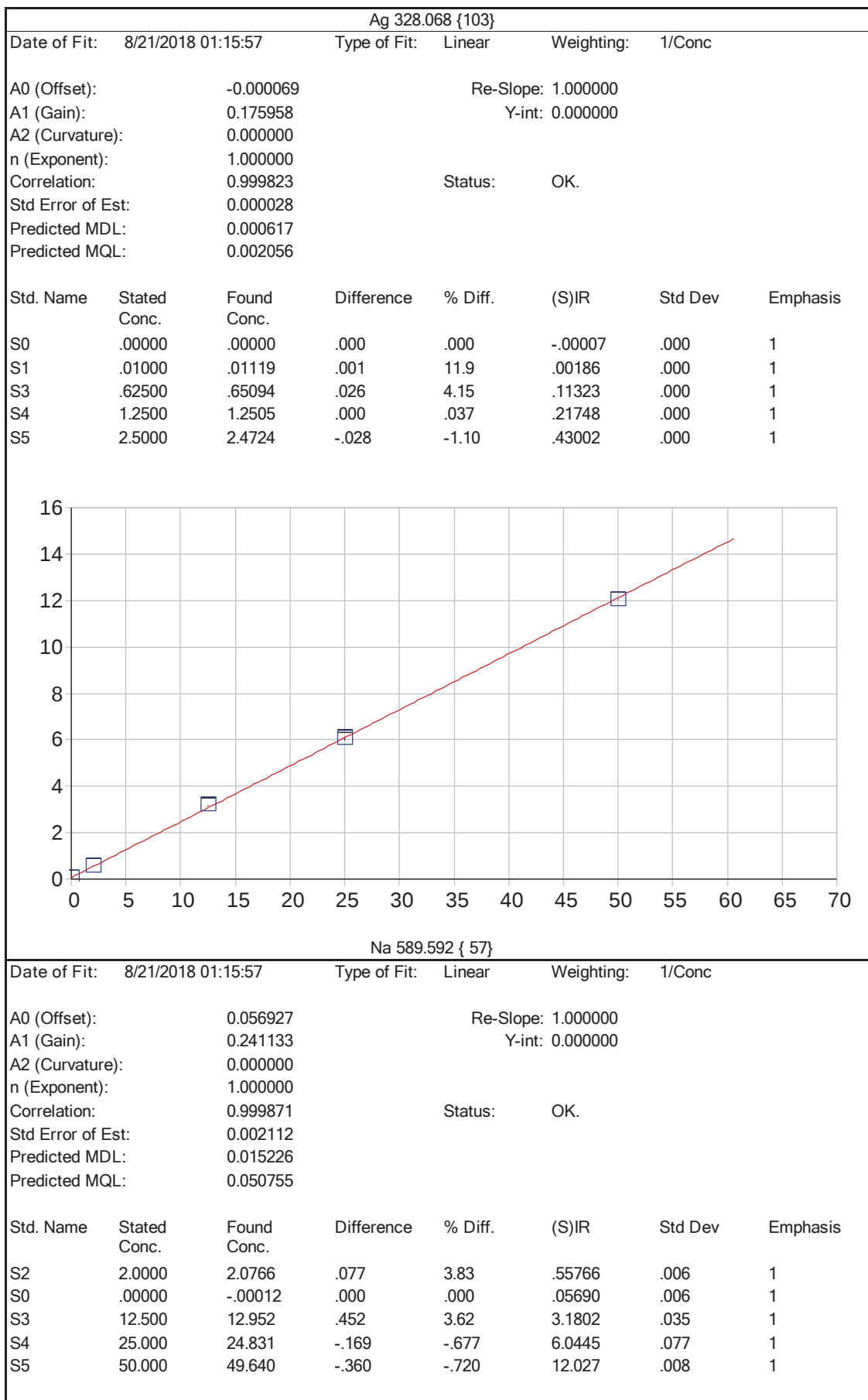
Ni 231.604 {445}

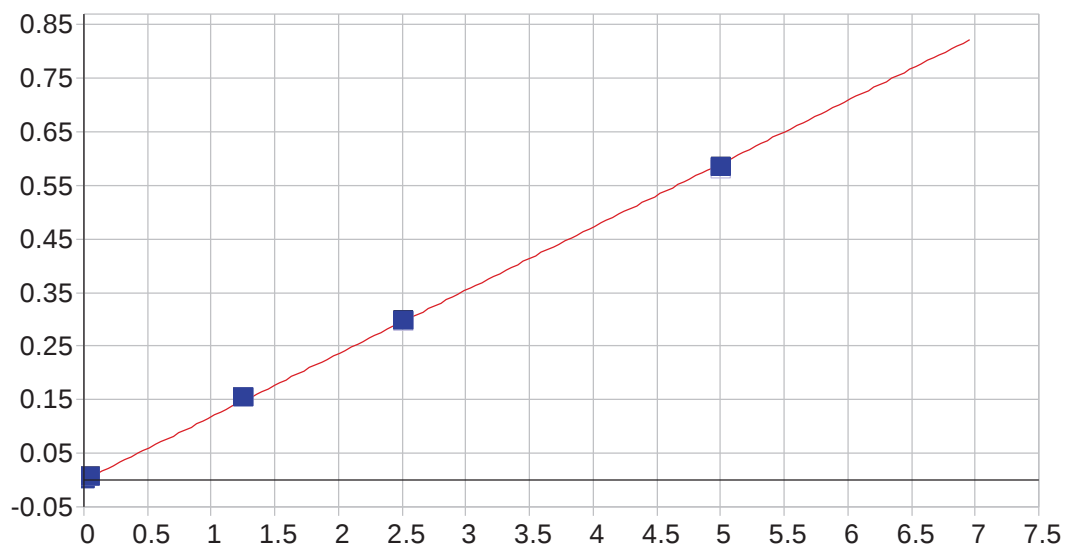
Date of Fit: 8/21/2018 01:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000201 Re-Slope: 1.000000
 A1 (Gain): 0.415010 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000117
 Predicted MDL: 0.000626
 Predicted MQL: 0.002087

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00020	.000	1
S1	.04000	.04463	.005	11.6	.01833	.000	1
S3	1.2500	1.2759	.026	2.07	.52987	.001	1
S4	2.5000	2.4892	-.011	-.433	1.0340	.000	1
S5	5.0000	4.9803	-.020	-.394	2.0689	.000	1





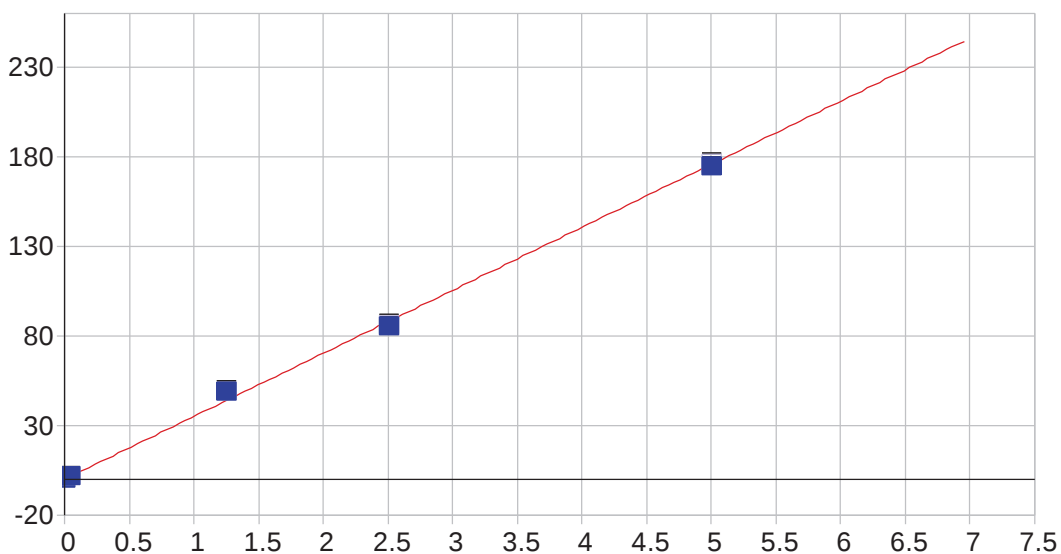


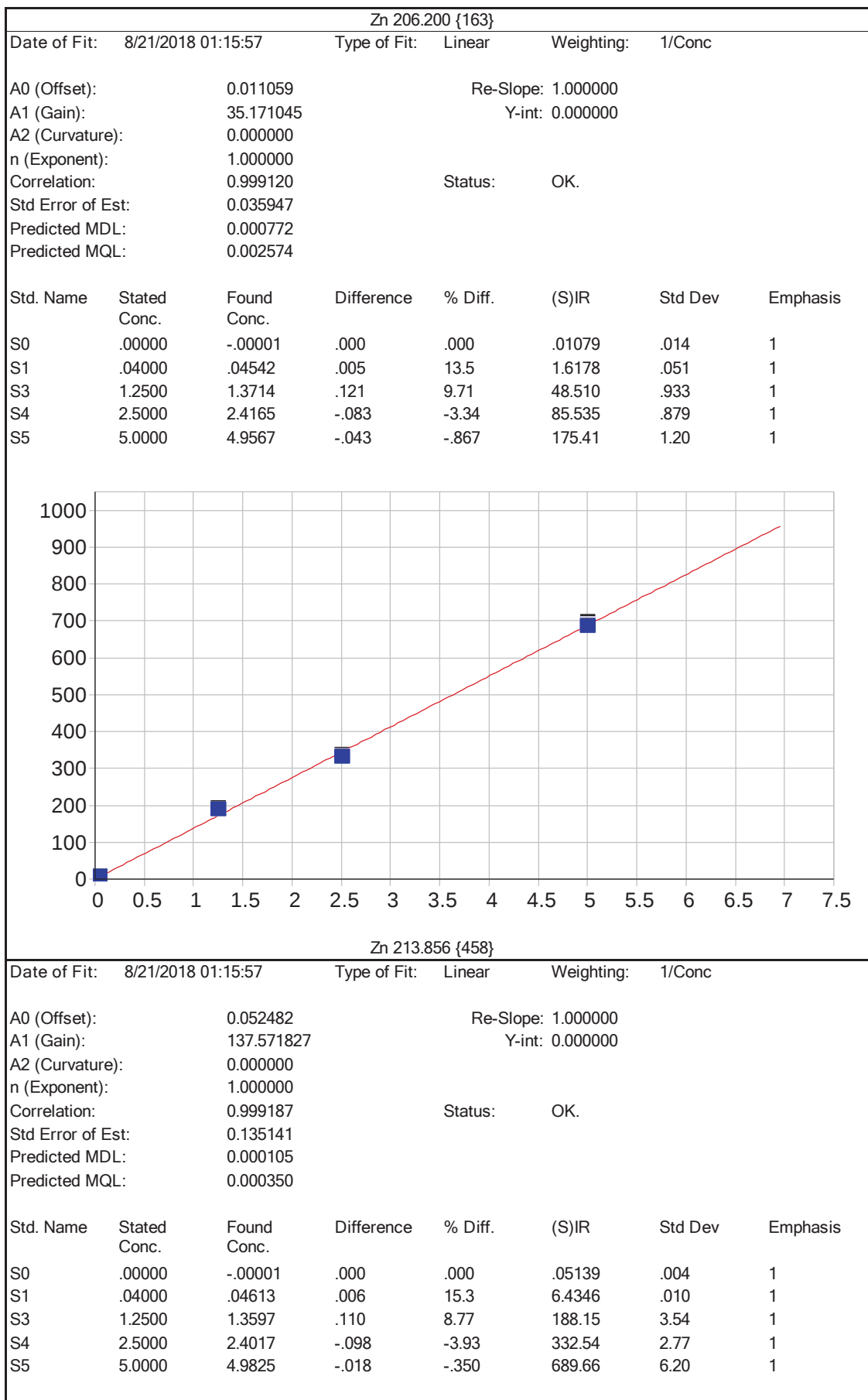
V 292.402 {115}

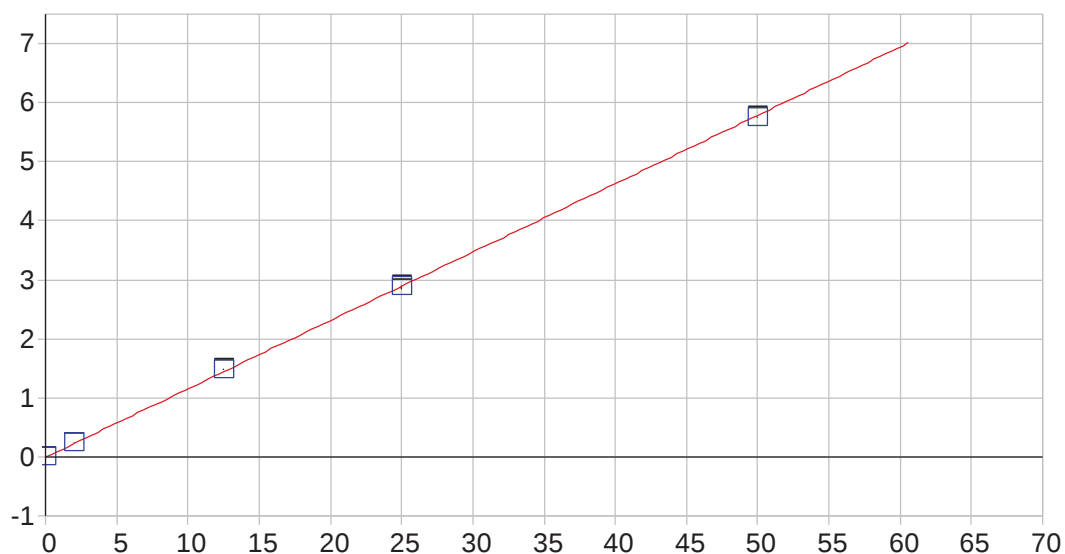
Date of Fit: 8/21/2018 01:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000122 Re-Slope: 1.000000
 A1 (Gain): 0.118155 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999784 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.000642
 Predicted MQL: 0.002139

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00012	.000	1
S1	.04000	.04570	.006	14.2	.00520	.000	1
S3	1.2500	1.3001	.050	4.01	.15253	.000	1
S4	2.5000	2.5107	.011	.427	.29459	.000	1
S5	5.0000	4.9336	-.066	-1.33	.57894	.001	1





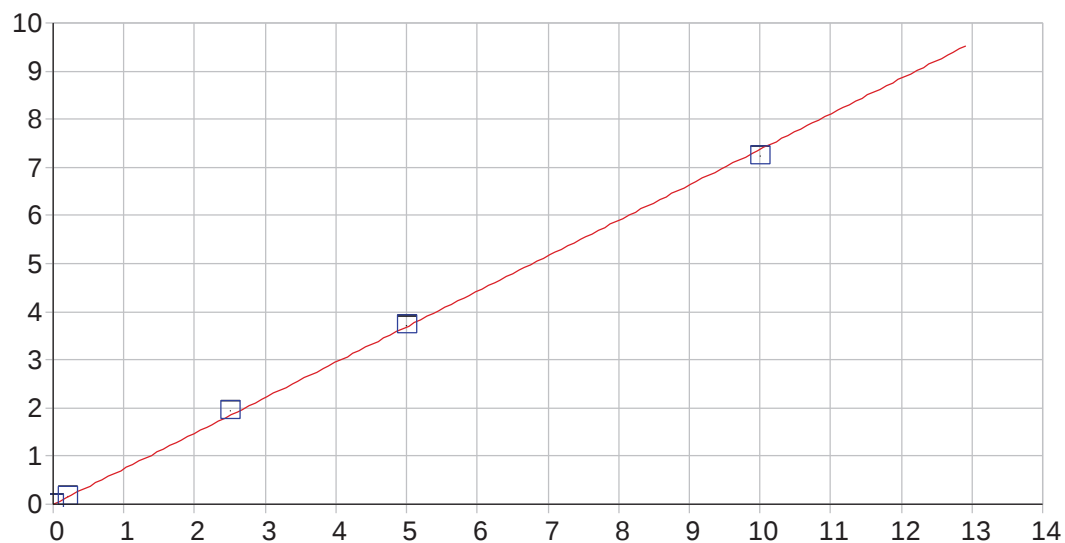


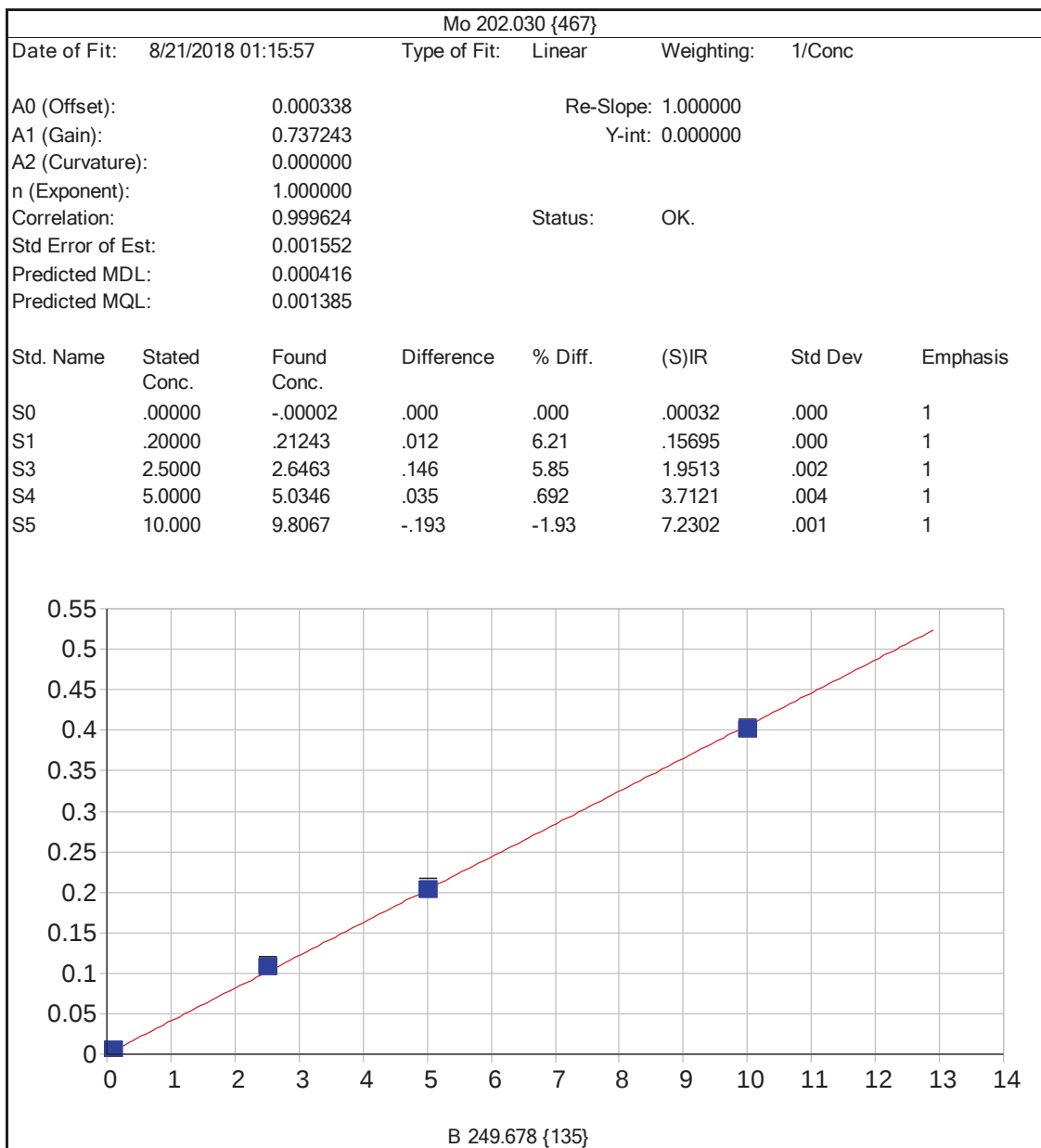
K 766.490 { 44}

Date of Fit: 8/21/2018 01:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.007221 Re-Slope: 1.000000
 A1 (Gain): 0.115862 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000803
 Predicted MDL: 0.044335
 Predicted MQL: 0.147784

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0591	.059	2.95	.23135	.003	1
S0	.00000	-.00009	.000	.000	-.00723	.003	1
S3	12.500	12.860	.360	2.88	1.4827	.008	1
S4	25.000	24.856	-.144	-.577	2.8726	.031	1
S5	50.000	49.726	-.274	-.549	5.7541	.017	1

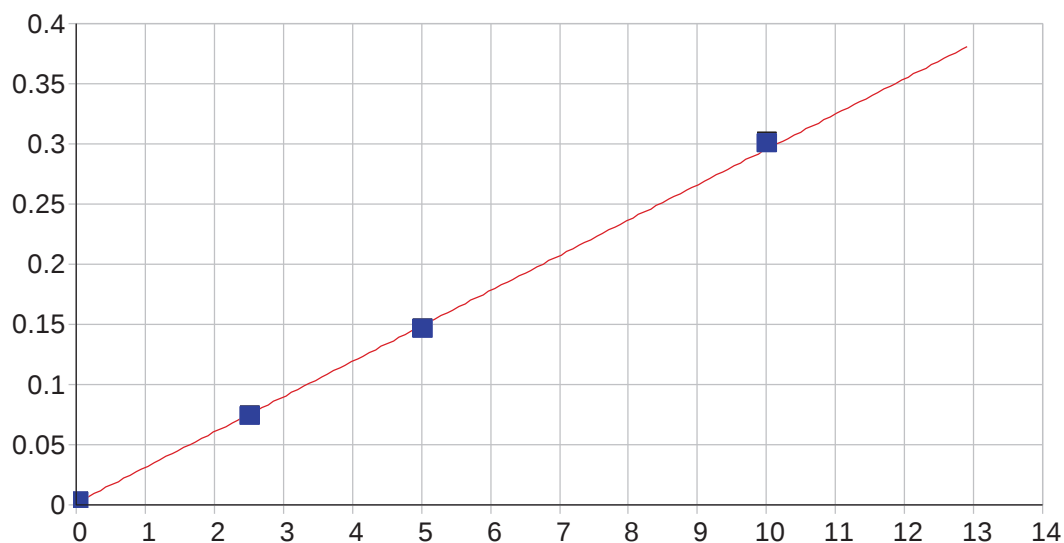




Date of Fit: 8/21/2018 01:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000286 Re-Slope: 1.000000
A1 (Gain): 0.040552 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.999784 Status: OK.
Std Error of Est: 0.000046
Predicted MDL: 0.011805
Predicted MQL: 0.039349

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00029	.000	1
S1	.10000	.10042	.000	.424	.00434	.001	1
S3	2.5000	2.6229	.123	4.92	.10641	.002	1
S4	5.0000	5.0002	.000	.003	.20258	.003	1
S5	10.000	9.8765	-.124	-1.24	.39985	.001	1

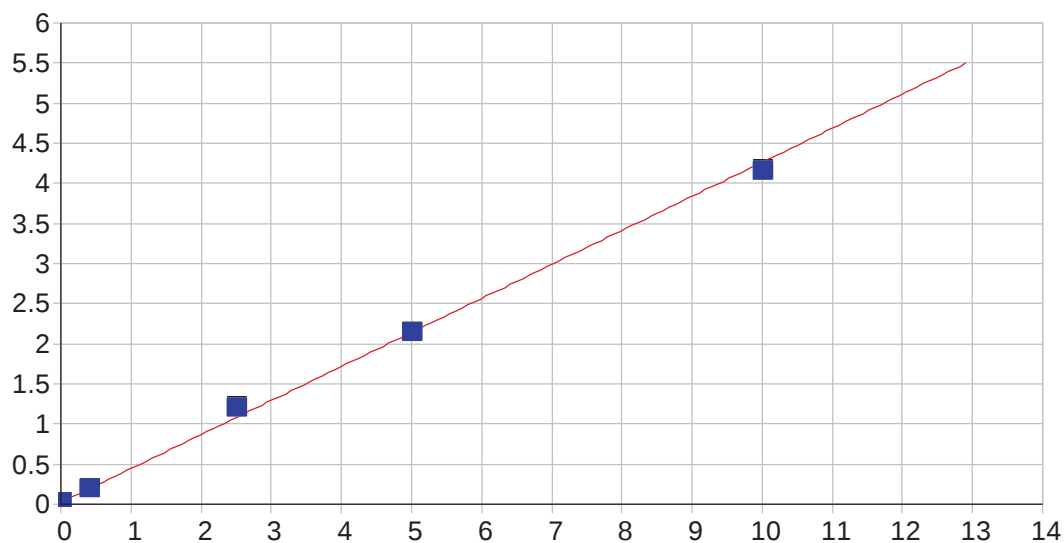


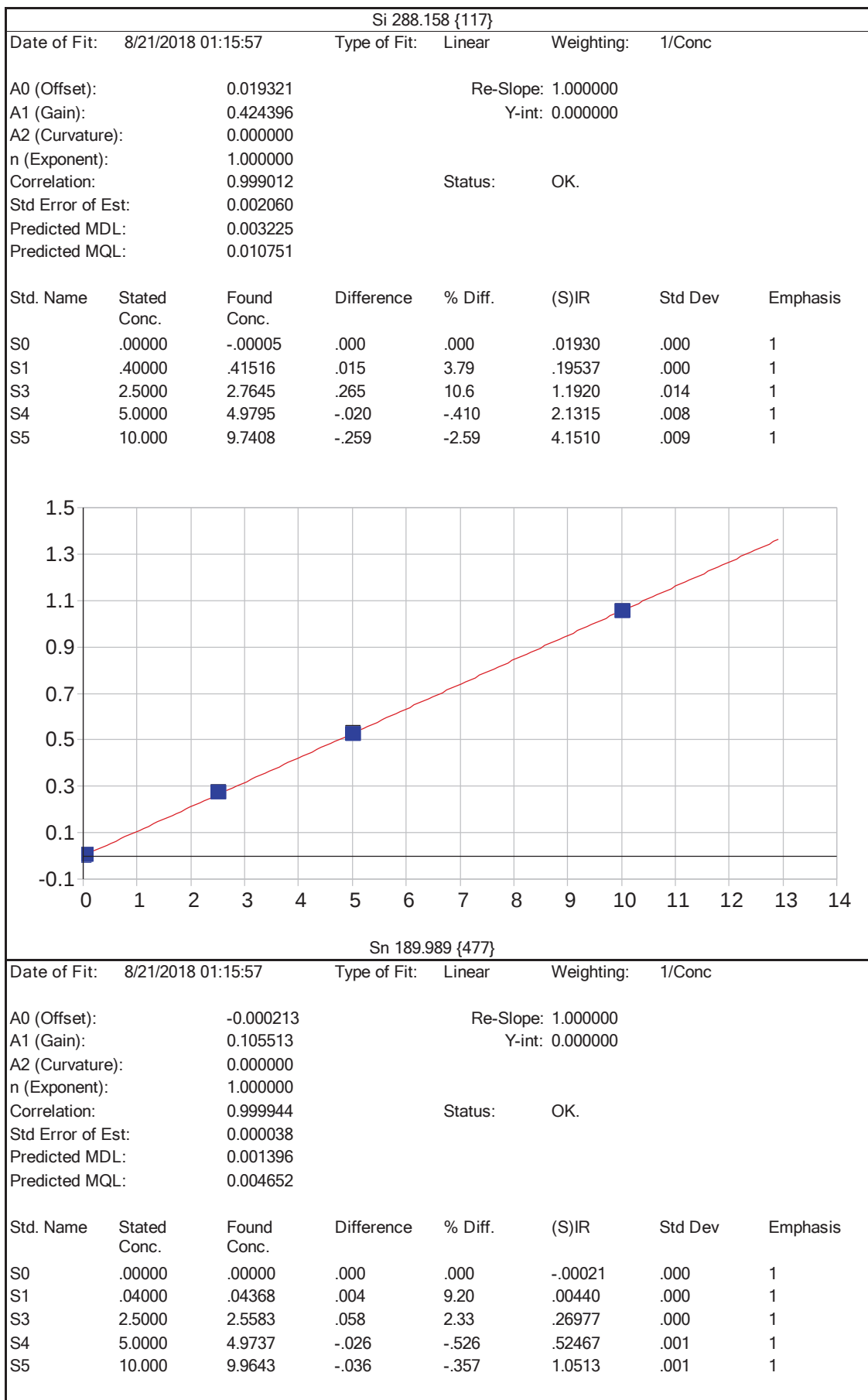
S 182.034 {485}

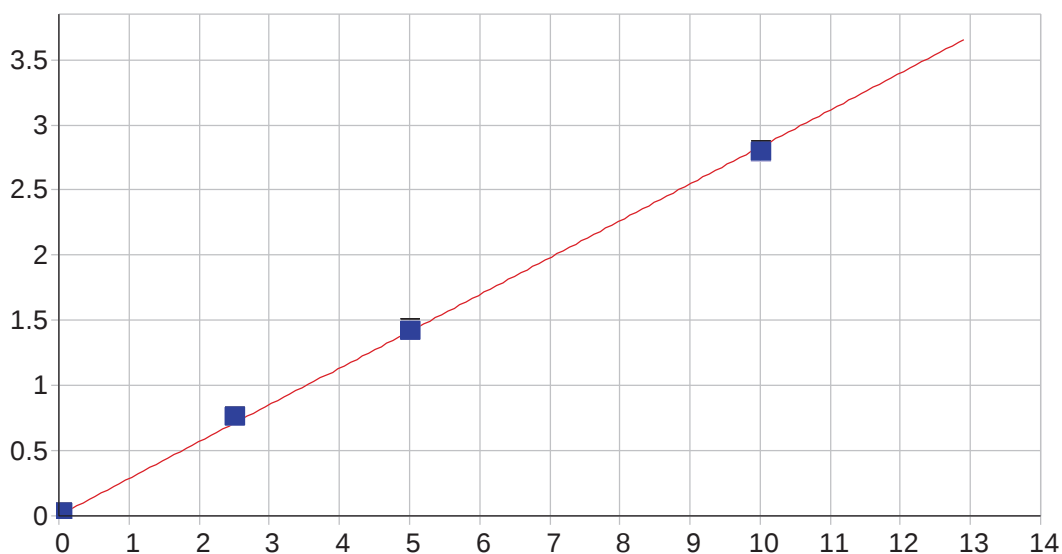
Date of Fit: 8/21/2018 01:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001731 Re-Slope: 1.000000
 A1 (Gain): 0.029399 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999817 Status: OK.
 Std Error of Est: 0.000014
 Predicted MDL: 0.004971
 Predicted MQL: 0.016569

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00173	.000	1
S1	.02000	.01927	-.001	-3.64	.00228	.000	1
S3	2.5000	2.4432	-.057	-2.27	.07348	.000	1
S4	5.0000	4.8917	-.108	-2.17	.14538	.000	1
S5	10.000	10.166	.166	1.66	.30027	.001	1







Ti 336.121 {100}

Date of Fit: 8/21/2018 01:15:57

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.002000

Re-Slope: 1.000000

A1 (Gain): 0.282776

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999638

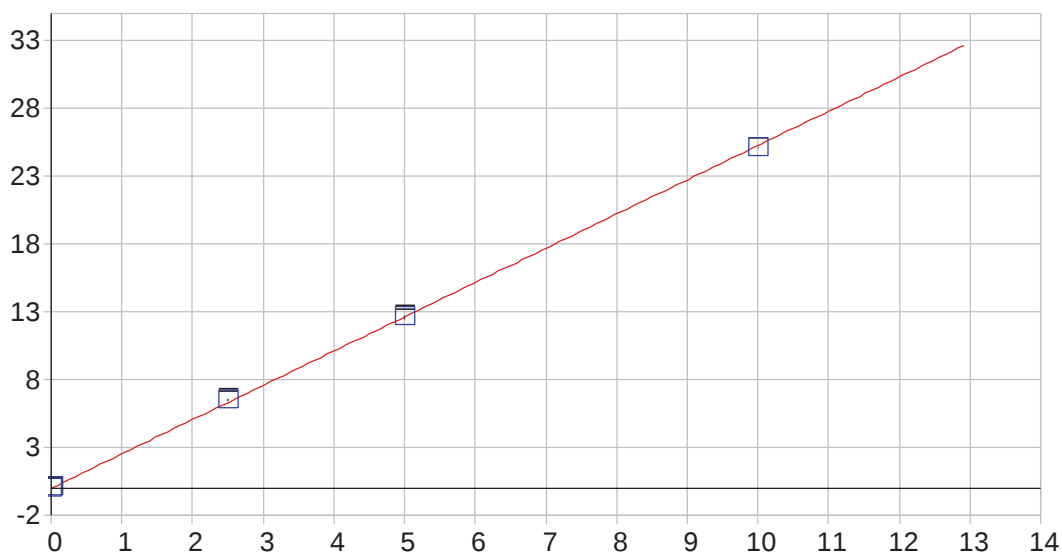
Status: OK.

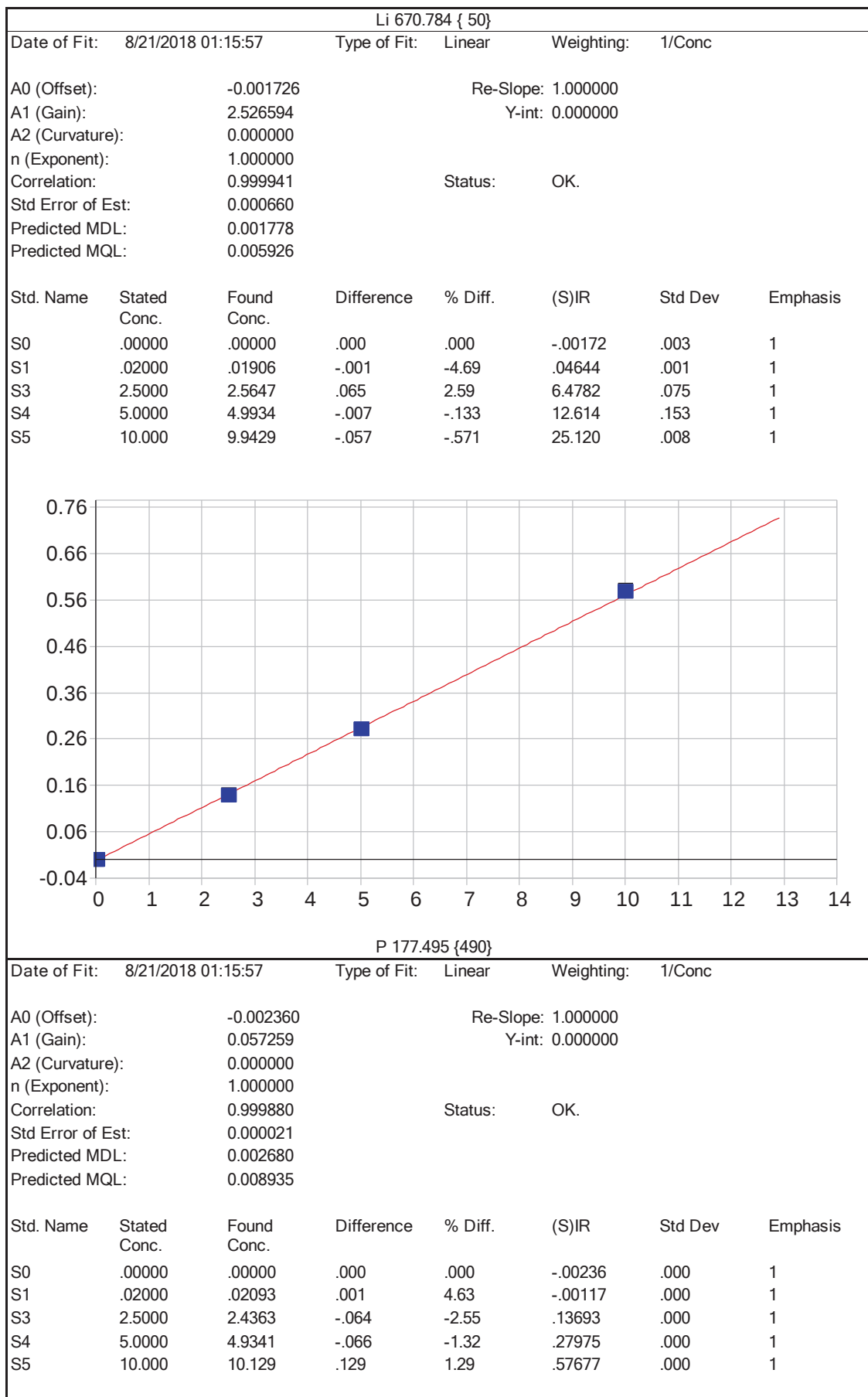
Std Error of Est: 0.000260

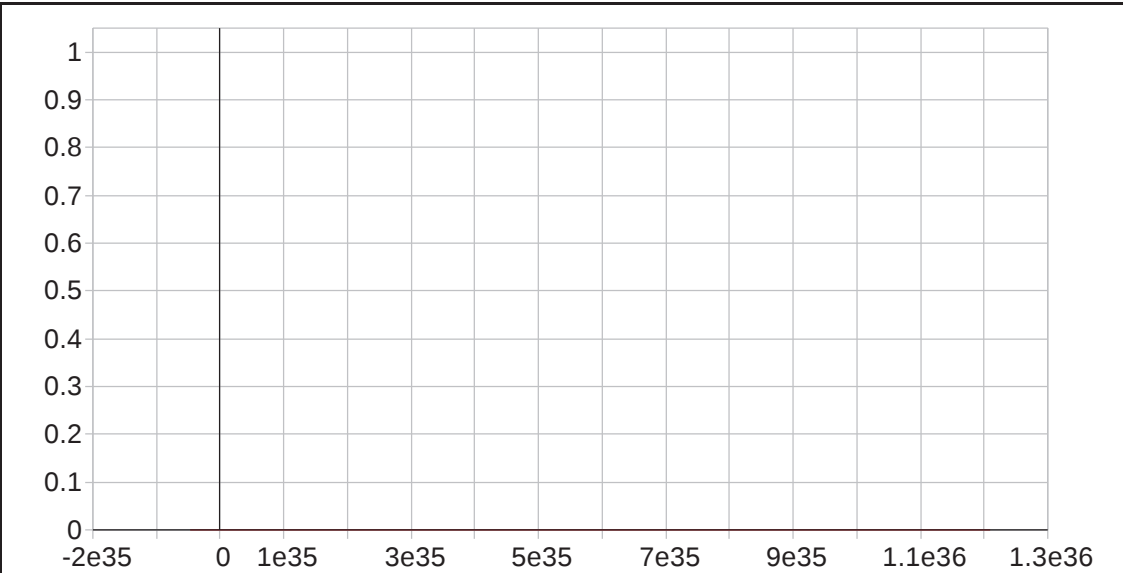
Predicted MDL: 0.003251

Predicted MQL: 0.010838

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00200	.000	1
S1	.04000	.04591	.006	14.8	.01498	.000	1
S3	2.5000	2.6524	.152	6.10	.75195	.008	1
S4	5.0000	5.0011	.001	.022	1.4160	.013	1
S5	10.000	9.8406	-.159	-1.59	2.7843	.012	1

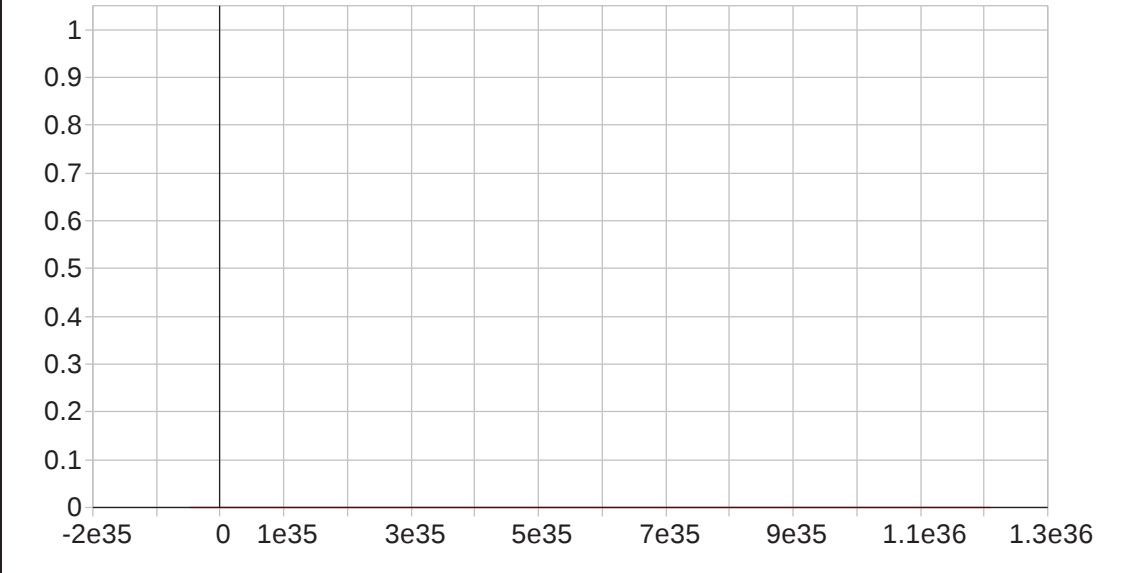






Y 224.306 {450}*
|

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



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

The plot shows the function $f(x) = 1 - \exp(-x^2/10000000000000000)$ for x in the range $[-2e35, 1.3e36]$. The x-axis is labeled with values from $-2e35$ to $1.3e36$ in increments of $1e35$. The y-axis is labeled from 0 to 1 in increments of 0.1. The function is zero for all negative x and increases from 0 to 1 as x increases from 0 to $1.3e36$. A vertical line is drawn at $x=0$.

$$Y\ 371.030\ \{91\}^*$$

A0 (Offset):	0.000000
A1 (Gain):	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

Re-Slope: 1.000000
Y-int: 0.000000

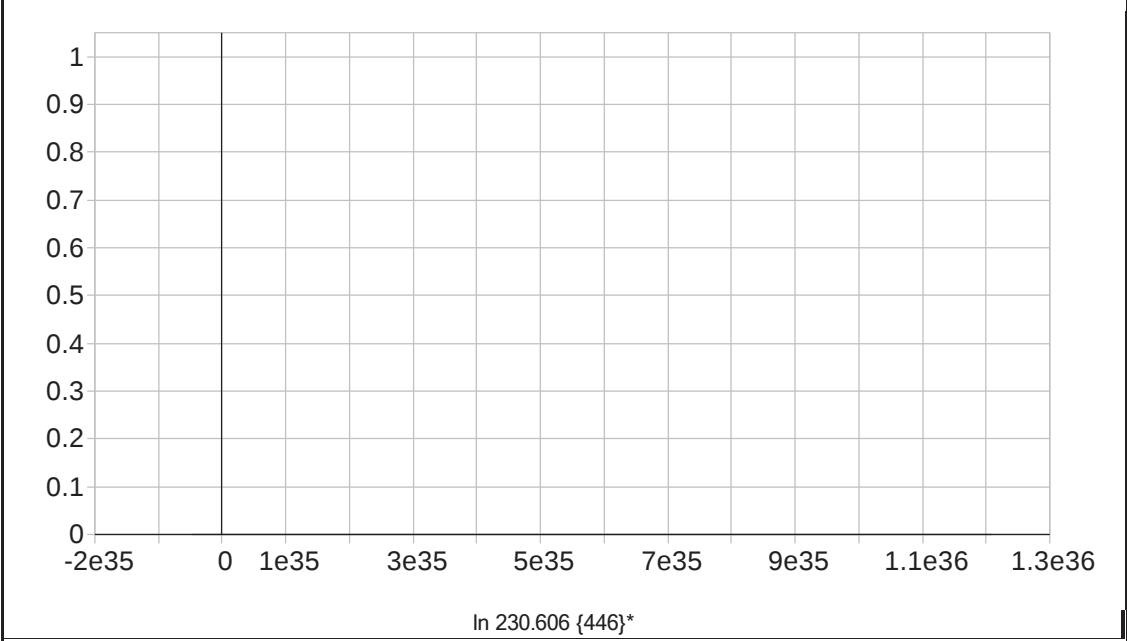
Status: Warning Zero Gain

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

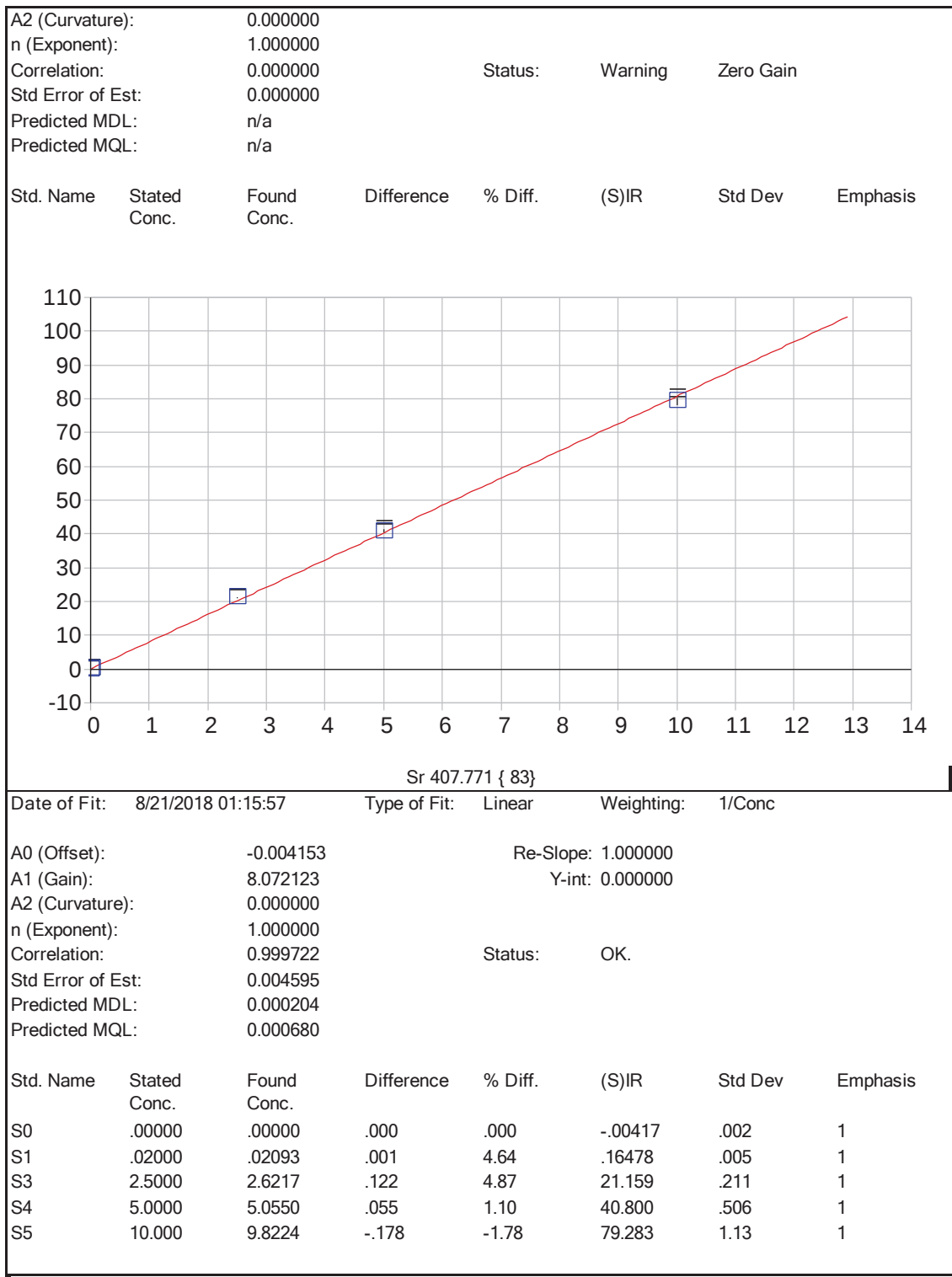


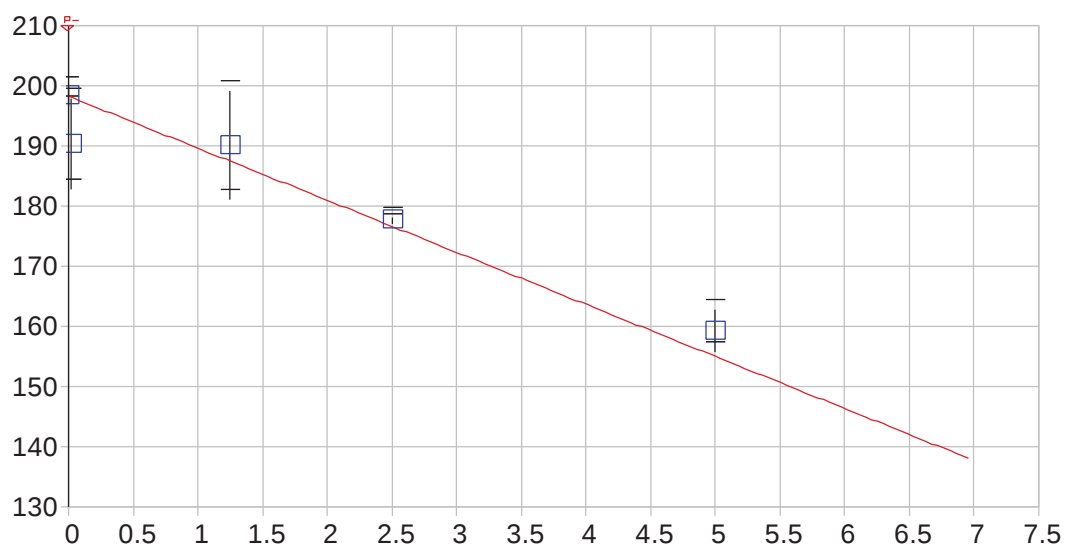
In 230.606 {146}*
Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

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



In 230.606 {446}*
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



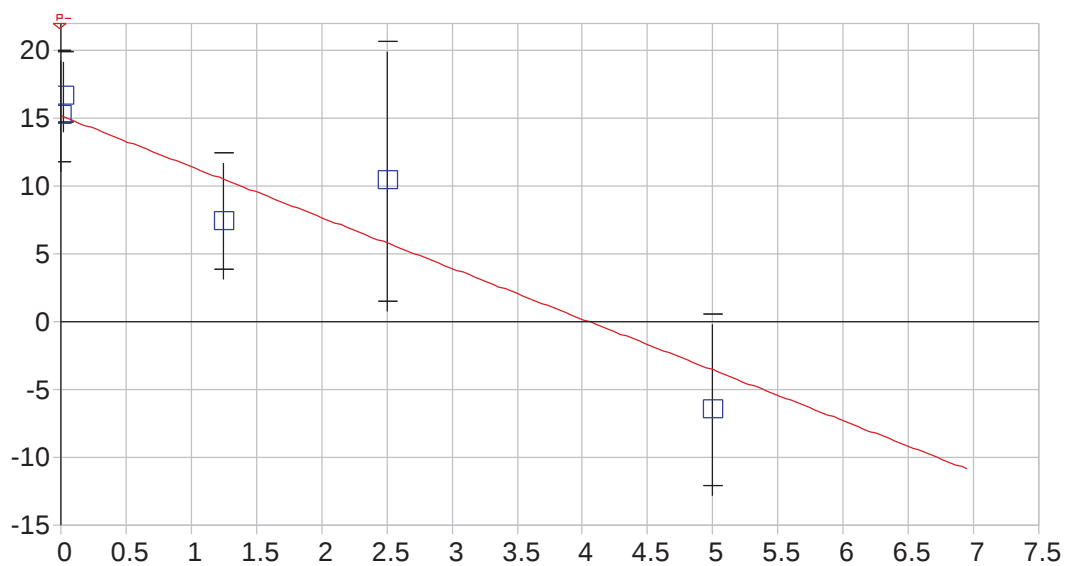


U 367.007 { 92}

Date of Fit: 8/21/2018 01:15:57 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 198.269895 Re-Slope: 1.000000
 A1 (Gain): -8.654104 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.420529 Status: Warning Negative Gain
 Std Error of Est: 0.319062
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00089	-.001	.000	198.28	1.60	1
S1	.02000	.92169	.902	4510.	190.29	7.62	1
S3	1.2500	.94356	-.306	-24.5	190.10	8.94	1
S4	2.5000	2.3932	-.107	-4.27	177.56	.623	1
S5	5.0000	4.5116	-.488	-9.77	159.23	3.51	1



U 385.958 { 87}							
Date of Fit: 8/21/2018 01:15:57		Type of Fit: Linear		Weighting: 1/Conc			
A0 (Offset): 15.184342				Re-Slope: 1.000000			
A1 (Gain): -3.746557				Y-int: 0.000000			
A2 (Curvature): 0.000000							
n (Exponent): 1.000000							
Correlation: 0.700175		Status:		Warning		Negative Gain	
Std Error of Est: 0.065285							
Predicted MDL: n/a							
Predicted MQL: n/a							
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00039	.000	.000	15.183	4.12	1
S1	.02000	-.37648	-.396	-1980.	16.595	2.61	1
S3	1.2500	2.0753	.825	66.0	7.4091	4.26	1
S4	2.5000	1.2910	-1.21	-48.4	10.348	9.54	1
S5	5.0000	5.7802	.780	15.6	-6.4715	6.32	1

Sample Name: S0 Acquired: 8/21/2018 12:53:09 Type: Cal
Method: P4-ICP2(v2365) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.00011	.00002	.00008	.00023	.00010	.00000	.01244	.00003
Stddev	.00012	.00005	.00029	.00001	.00018	.00001	.00292	.00002
%RSD	115.38	221.87	343.76	5.5370	177.75	233.44	23.479	67.745

#1	-.00020	.00001	.00012	.00024	.00023	.00000	.01038	.00002
#2	-.00002	-.00006	-.00029	.00023	-.00003	.00001	.01451	.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	.00025	.00026	.00006	.00053	.00001	.01264	.00005	.00019
Stddev	.00006	.00138	.00000	.00008	.00033	.03416	.00001	.00021
%RSD	24.481	522.23	5.1798	14.804	5928.8	270.28	24.195	112.09

#1	-.00020	.00124	.00006	.00058	.00023	.03679	.00004	.00034
#2	-.00029	-.00071	.00006	.00047	-.00024	-.01151	.00006	.00004

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	.00020	.00007	.05690	.00012	.05139	.00723	.00032	.00029
Stddev	.00012	.00005	.00574	.00000	.00364	.00288	.00021	.00013
%RSD	58.904	77.728	10.093	1.3149	7.0770	39.757	63.869	45.284

#1	-.00029	-.00003	.06096	-.00012	.04882	-.00926	.00018	.00038
#2	-.00012	-.00011	.05284	-.00012	.05396	-.00520	.00047	.00019

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	.00173	.01930	.00021	.00200	.00172	.0024	.00417	.198.28
Stddev	.00006	.00027	.00004	.00038	.00335	.0001	.00169	1.60
%RSD	3.3266	1.3785	18.642	19.084	194.25	5.219	40.493	.80605

#1	.00169	.01911	-.00024	.00227	-.00409	-.0023	-.00297	.197.15
#2	.00177	.01949	-.00019	.00173	.00064	-.0024	-.00536	.199.41

Sample Name: S0 Acquired: 8/21/2018 12:53:09 Type: Cal
Method: P4-ICP2(v2365) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_ 3859
Units	Cts/S
Avg	15.183
Stddev	4.115
%RSD	27.104

#1	12.273
#2	18.093

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2059.4	58589.	2913.5	45.889	3235.3
Stddev	10.1	338.	1.0	.421	.1
%RSD	.49270	.57751	.03299	.91755	.00187

#1	2052.2	58350.	2912.8	45.591	3235.3
#2	2066.5	58828.	2914.1	46.186	3235.3

Sample Name: S1 Acquired: 8/21/2018 12:57:16 Type: Cal
Method: P4-ICP2(v2365) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.00150	.00368	.00236	.00148	.00950	.00051	.49882	.00371	.01561
Stddev	.00000	.00008	.00011	.00019	.00005	.00004	.00051	.00000	.00014
%RSD	.24026	2.1419	4.4774	12.748	.57661	7.1144	.10162	.09403	.88188

#1	.00150	.00363	.00243	.00135	.00946	.00049	.49918	.00371	.01570
#2	.00150	.00374	.00228	.00162	.00953	.00054	.49846	.00371	.01551

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	.00093	.03245	.01427	.18683	.01935	.01833	.00186	.00520	5.4346
Stddev	.00001	.00018	.00028	.00286	.00002	.00004	.00011	.00004	.0099
%RSD	1.0037	.56424	1.9318	1.5331	.11363	.19866	6.0749	.74795	.15410

#1	.00093	.03233	.01446	.18481	.01934	.01831	.00178	.00518	6.4275
#2	.00092	.03258	.01407	.18886	.01937	.01836	.00194	.00523	6.4416

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	.15695	.00434	.00228	.19537	.00440	.01498	.04644	.0012	.16478
Stddev	.00017	.00072	.00007	.00007	.00008	.00038	.00063	.0001	.00508
%RSD	.10879	16.697	3.1360	.03585	1.7832	2.5316	1.3671	10.29	3.0843

#1	.15683	.00485	.00223	.19542	.00434	.01471	.04689	-.0011	.16118
#2	.15707	.00383	.00233	.19532	.00445	.01524	.04599	-.0013	.16837

Elem	U_ 3670	U_ 3859
Units	Cts/S	Cts/S
Avg	190.29	16.595
Stddev	7.62	2.613
%RSD	4.0029	15.747

#1	195.68	14.747
#2	184.91	18.443

Sample Name: S1 Acquired: 8/21/2018 12:57:16 Type: Cal
Method: P4-ICP2(v2365) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2062.0	58336.	2924.3	46.845	3218.5
Stddev	12.7	266.	20.0	.013	15.9
%RSD	.61819	.45545	.68310	.02744	.49372
#1	2053.0	58148.	2910.2	46.855	3207.2
#2	2071.1	58524.	2938.4	46.836	3229.7

Sample Name: S2 Acquired: 8/21/2018 13:01:23 Type: Cal
Method: P4-ICP2(v2365) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_ 7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08125	.02216	.55766	.23135
Stddev	.00090	.00003	.00607	.00271
%RSD	1.1122	.12771	1.0893	1.1707

#1	.08061	.02214	.55337	.23326
#2	.08189	.02218	.56196	.22943

Int. Std.	Y_ 3710
Units	Cts/S
Avg	.2907.1
Stddev	39.3
%RSD	1.3510

#1	2879.3
#2	2934.9

Sample Name: S3 Acquired: 8/21/2018 13:05:24 Type: Cal
Method: P4-ICP2(v2365) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.19042	.20541	.45734	.15446	.44966	.02268	.22.974	.07639	3.2811
Stddev	.00056	.00087	.00060	.00041	.00045	.00017	.269	.00003	.0101
%RSD	.29524	.42130	.13219	.26224	.10039	.75945	1.1722	.03956	.30684

#1	.19082	.20480	.45692	.15418	.44934	.02280	22.784	.07637	3.2882
#2	.19002	.20603	.45777	.15475	.44998	.02255	23.164	.07641	3.2739

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	.46978	.04123	1.2242	.42873	1.1051	1.1061	.13874	.52987	.11323
Stddev	.00599	.00003	.0023	.00102	.1434	.0014	.00325	.00056	.00007
%RSD	1.2746	.07454	.18534	.23799	3.4921	.12451	2.3391	.10588	.05988

#1	.46554	.04121	1.2226	.42800	4.0037	1.1070	.13645	.52947	.11328
#2	.47401	.04125	1.2258	.42945	4.2065	1.1051	.14104	.53027	.11318

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	3.1802	.15253	188.15	1.4827	1.9513	.10641	.07348	1.1920	.26977
Stddev	.0346	.00026	3.54	.0077	.0023	.00201	.00013	.0143	.00030
%RSD	1.0867	.17359	1.8806	.52126	.11974	1.8867	.17458	1.1965	.11008

#1	3.1557	.15234	185.64	1.4772	1.9530	.10499	.07338	1.1819	.26998
#2	3.2046	.15271	190.65	1.4882	1.9497	.10783	.07357	1.2021	.26956

Elem	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670	U_ 3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.75195	6.4782	.1369	21.159	190.10	7.4091
Stddev	.00773	.0746	.0001	.211	8.94	4.2592
%RSD	1.0274	1.1515	.0472	.99591	4.7021	57.487

#1	.74649	6.4254	.1369	21.010	196.43	10.421
#2	.75741	6.5309	.1370	21.308	183.78	4.3974

Sample Name: S3 Acquired: 8/21/2018 13:05:24 Type: Cal
Method: P4-ICP2(v2365) Mode: IR 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	1998.6	56001.	2851.3	44.337	2994.3
Stddev	12.1	186.	10.3	.587	22.3
%RSD	.60589	.33273	.35965	1.3237	.74351
#1	1990.0	55869.	2858.6	44.752	2978.5
#2	2007.2	56133.	2844.1	43.922	3010.0

Sample Name: S4 Acquired: 8/21/2018 13:09:18 Type: Cal
 Method: P4-ICP2(v2365) Mode: IR Corr. Factor: 1.000000
 User: BIN 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	.37123	.40075	.89989	.30090	.87979	.04426	14.156	.14763	5.4805
Stddev	.00106	.00001	.00150	.00083	.00343	.00014	.602	.00014	.0018
%RSD	.28525	.00298	.16681	.27549	.38979	.32267	1.3626	.09821	.02781

#1	.37198	.40074	.89883	.30148	.88222	.04416	43.730	.14773	6.4818
#2	.37048	.40076	.90095	.30031	.87737	.04436	44.581	.14753	6.4793

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	.89251	.07907	2.3860	.81667	7.4277	2.1146	.26219	1.0340	.21748
Stddev	.00595	.00000	.0043	.00123	.1230	.0024	.00245	.0003	.00028
%RSD	.66696	.00431	.17839	.15072	1.6565	.11123	.93572	.02721	.12863

#1	.88830	.07907	2.3890	.81754	7.3407	2.1129	.26045	1.0342	.21768
#2	.89671	.07906	2.3830	.81580	7.5147	2.1162	.26392	1.0338	.21728

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	5.0445	.29459	332.54	2.8726	3.7121	.20258	.14538	2.1315	.52467
Stddev	.0772	.00037	2.77	.0308	.0040	.00286	.00009	.0081	.00052
%RSD	1.2770	.12623	.83350	1.0718	.10671	1.4136	.05900	.38246	.09923

#1	5.9899	.29433	330.58	2.8508	3.7149	.20055	.14544	2.1372	.52430
#2	6.0991	.29486	334.50	2.8944	3.7093	.20460	.14532	2.1257	.52504

Elem	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670	U_ 3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4160	12.614	.2797	40.800	177.56	10.348
Stddev	.0131	.153	.0001	.506	.62	9.543
%RSD	.92175	1.2161	.0200	1.2406	.35061	92.220

#1	1.4068	12.506	.2797	40.442	178.00	17.095
#2	1.4252	12.723	.2798	41.158	177.12	3.6000

Sample Name: S4 Acquired: 8/21/2018 13:09:18 Type: Cal
Method: P4-ICP2(v2365) Mode: IR 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	1985.9	55753.	2896.4	46.484	2892.9
Stddev	7.4	124.	6.3	.274	6.3
%RSD	.37073	.22248	.21728	.58945	.21760
#1	1980.7	55666.	2892.0	46.678	2888.5
#2	1991.1	55841.	2900.9	46.290	2897.4

Sample Name: S5 Acquired: 8/21/2018 13:13:10 Type: Cal
Method: P4-ICP2(v2365) Mode: IR Corr. Factor: 1.000000
User: BIN 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	.73653	.79732	1.7982	.59232	1.7490	.08915	37.334	.29121
Stddev	.00027	.00104	.0003	.00136	.0026	.00123	.001	.00098
%RSD	.03665	.13106	.01537	.23015	.14614	1.3771	.00129	.33816

#1	.73634	.79806	1.7984	.59329	1.7508	.08828	87.335	.29051
#2	.73672	.79658	1.7981	.59136	1.7472	.09001	87.334	.29190

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	13.045	1.7529	.15379	4.7964	1.5847	15.672	4.1146	.51758
Stddev	.006	.0074	.00002	.0027	.0002	.080	.0090	.00331
%RSD	.04730	.42174	.01382	.05561	.01017	.50953	.21887	.63887

#1	13.050	1.7477	.15380	4.7983	1.5846	15.616	4.1083	.51524
#2	13.041	1.7582	.15377	4.7945	1.5848	15.729	4.1210	.51992

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	2.0689	.43002	12.027	.57894	389.66	5.7541	7.2302	.39985
Stddev	.0001	.00003	.008	.00078	6.20	.0169	.0009	.00054
%RSD	.00626	.00766	.06876	.13473	.89897	.29283	.01225	.13436

#1	2.0690	.43004	12.021	.57839	694.05	5.7422	7.2309	.39947
#2	2.0689	.42999	12.033	.57949	685.28	5.7660	7.2296	.40023

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	.30027	4.1510	1.0513	2.7843	25.120	.5768	79.283	159.23
Stddev	.00069	.0089	.0012	.0116	.008	.0002	1.135	3.51
%RSD	.22993	.21542	.11395	.41543	.03153	.0334	1.4311	2.2052

#1	.29978	4.1573	1.0522	2.7761	25.114	.5769	78.481	156.74
#2	.30075	4.1447	1.0505	2.7925	25.126	.5766	80.086	161.71

Sample Name: S5 Acquired: 8/21/2018 13:13:10 Type: Cal
Method: P4-ICP2(v2365) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_ 3859
Units	Cts/S
Avg	6.4715
Stddev	6.3242
%RSD	97.724

#1	-1.9996
#2	-10.943

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.1	54460.	2873.6	42.974	2728.9
Stddev	3.9	49.	19.6	.454	4.6
%RSD	.19851	.09062	.68264	1.0574	.16751

#1	1941.4	54426.	2859.7	42.653	2725.7
#2	1946.9	54495.	2887.5	43.295	2732.1

Sample Name: ICV01 Acquired: 8/21/2018 13:17:03 Type: Unk
Method: P4-ICP2(v2365) 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	1.0171	1.0479	.99824	1.0111	.97529	2.4465	.50383
Stddev	.0007	.0023	.00199	.0019	.00394	.0570	.00024
%RSD	.06745	.21824	.19928	.19202	.40370	2.3299	.04676
#1	1.0166	1.0463	.99965	1.0097	.97251	2.4062	.50367
#2	1.0176	1.0496	.99683	1.0125	.97808	2.4868	.50400
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49047	.49115	10.297	.50846	.50130	.50338	5.1147
Stddev	.00093	.00100	.095	.00002	.00090	.00111	.0184
%RSD	.18992	.20326	.92103	.00483	.17963	.21984	.35949
#1	.48981	.49045	10.230	.50847	.50067	.50416	5.1277
#2	.49113	.49186	10.364	.50844	.50194	.50259	5.1017
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52391	3.1290	.50472	.51214	10.026	.51359	1.0567
Stddev	.00221	.0551	.00016	.00224	.028	.00096	.0202
%RSD	.42255	.89811	.03210	.43721	.28374	.18714	1.9144
#1	.52235	6.0901	.50460	.51372	10.006	.51291	1.0710
#2	.52548	6.1680	.50483	.51055	10.046	.51427	1.0424
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.012	2.6040	2.6230	F.00423	2.4408	2.5085	2.6068
Stddev	.129	.0019	.0015	.00265	.0181	.0100	.0158
%RSD	1.2888	.07133	.05829	62.647	.73939	.39734	.60749
#1	9.9210	2.6027	2.6241	.00611	2.4535	2.5014	2.5956
#2	10.103	2.6053	2.6219	.00236	2.4280	2.5155	2.6180

Sample Name: ICV01 Acquired: 8/21/2018 13:17:03 Type: Unk
Method: P4-ICP2(v2365) 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	F .00068	F .0019	F .01210	F .12028	F .28004
Stddev	.00111	.0014	.00006	.21263	.38079
%RSD	164.07	75.04	.46414	176.78	135.98
#1	-.00147	.0029	.01206	.27062	.01078
#2	.00011	.0009	.01214	-.03007	.54930
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2043.4	57163.	2901.4	44.837	3103.6
Stddev	7.2	27.	28.1	1.098	9.8
%RSD	.35150	.04695	.96682	2.4484	.31472
#1	2038.3	57144.	2881.5	44.061	3096.7
#2	2048.5	57182.	2921.2	45.614	3110.5

Sample Name: LLICV01 Acquired: 8/21/2018 13:20:57 Type: Unk
Method: P4-ICP2(v2365) 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	.02115	.04388	.01428	.02133	.05257	.11129	.10550
Stddev	.00275	.00023	.00058	.00082	.00030	.00178	.00034
%RSD	13.011	.52220	4.0634	3.8673	.56857	1.6006	.32323

#1	.01921	.04372	.01470	.02075	.05235	.11255	.10526
#2	.02310	.04405	.01387	.02191	.05278	.11003	.10575

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00683	.00648	2.2182	.01074	.03163	.02232	.11427
Stddev	.00000	.00002	.0093	.00038	.00009	.00041	.01468
%RSD	.02712	.24716	.41868	3.5615	.28117	1.8206	12.847

#1	.00683	.00646	2.2248	.01101	.03170	.02203	.12466
#2	.00683	.00649	2.2117	.01047	.03157	.02261	.10389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02341	2.1715	.04136	.01179	2.1536	.04446	.04600
Stddev	.00003	.0170	.00001	.00005	.0201	.00029	.00069
%RSD	.10893	.78068	.02506	.42802	.93356	.65049	1.5071

#1	.02342	2.1595	.04135	.01183	2.1393	.04426	.04649
#2	.02339	2.1835	.04137	.01176	2.1678	.04467	.04551

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1101	2.1846	.11444	F .01269	F .50111	.04205	.04303
Stddev	.0448	.00068	.00083	.00237	.00240	.00035	.00118
%RSD	2.1225	.31046	.72760	18.676	.47889	.82715	2.7455

#1	2.1418	.21798	.11502	.01437	.49941	.04230	.04220
#2	2.0784	.21894	.11385	.01102	.50280	.04181	.04387

Sample Name: LLICV01 Acquired: 8/21/2018 13:20:57 Type: Unk
Method: P4-ICP2(v2365) 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	.02122	.0216	.02232	F.26733	F<00000
Stddev	.00169	.0008	.00016	1.1863	.60589
%RSD	7.9554	3.632	.69871	443.74	234.53

#1	.02003	.0210	.02221	-.57149	.17009
#2	.02242	.0221	.02243	1.1062	-.68677

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2062.1	58330.	2939.5	47.398	3218.8
Stddev	8.4	123.	10.1	.852	3.9
%RSD	.40565	.21020	.34322	1.7970	.12113

#1	2056.1	58243.	2932.4	46.795	3216.1
#2	2068.0	58417.	2946.7	48.000	3221.6

Sample Name: ICB01 Acquired: 8/21/2018 13:24:41 Type: Unk
Method: P4-ICP2(v2365) 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	.00011	.00211	.00011	.00284	.00116	.01431	.00053
Stddev	.00076	.00149	.00107	.00227	.00008	.01046	.00057
%RSD	715.49	70.439	935.92	79.918	7.1783	73.070	106.10

#1	-.00043	.00106	.00087	.00124	.00122	-.00692	.00013
#2	.00064	.00316	-.00064	.00445	.00110	-.02170	.00093

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00006	.00934	.00017	.00011	.00051	.00826
Stddev	.00002	.00007	.00762	.00075	.00009	.00006	.00542
%RSD	125.10	112.77	81.560	438.38	83.973	12.594	65.616

#1	.00000	.00001	-.00395	.00036	-.00004	-.00055	.01209
#2	.00003	.00011	-.01472	-.00070	-.00017	-.00046	.00443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.04054	.00038	.00001	.04938	.00008	.00006
Stddev	.00001	.03134	.00020	.00013	.01278	.00065	.00002
%RSD	22.756	77.321	53.235	1802.4	25.874	822.55	40.660

#1	.00004	-.01837	-.00024	.00010	-.05842	-.00054	.00004
#2	.00003	-.06270	-.00053	-.00008	-.04035	.00038	.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03625	.00016	.00561	.00596	.00272	.00091	.00008
Stddev	.00166	.00010	.00252	.00185	.00081	.00029	.00450
%RSD	4.5796	61.671	44.842	31.037	29.595	31.687	5332.0

#1	-.03743	-.00022	-.00739	-.00726	-.00329	.00111	-.00326
#2	-.03508	-.00009	-.00383	-.00465	-.00215	.00070	.00310

Sample Name: ICB01 Acquired: 8/21/2018 13:24:41 Type: Unk
Method: P4-ICP2(v2365) 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	.00070	.0017	.00005	F<00000	F<00000
Stddev	.00010	.0001	.00002	.39707	.26417
%RSD	13.664	4.022	45.369	45.624	14.425

#1	-.00063	.0016	-.00004	-.58954	-1.6445
#2	-.00077	.0017	-.00007	-1.1511	-2.0181

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2058.1	58549.	2914.8	46.045	3235.1
Stddev	6.0	137.	33.9	2.173	5.1
%RSD	.28989	.23478	1.1628	4.7187	.15840

#1	2053.9	58452.	2890.8	44.509	3231.4
#2	2062.4	58646.	2938.7	47.582	3238.7

Sample Name: CRI01 Acquired: 8/21/2018 13:28:47 Type: Unk
Method: P4-ICP2(v2365) 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	.01826	.04853	.01231	.02016	.05398	.10152	.11106
Stddev	.00239	.00221	.00020	.00078	.00041	.00951	.00160
%RSD	13.092	4.5504	1.6162	3.8838	.76701	9.3626	1.4450

#1	.01657	.04697	.01245	.01961	.05427	.10824	.11219
#2	.01995	.05010	.01217	.02072	.05369	.09480	.10992

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00640	.00605	2.1520	.01092	.03359	.02189	.10354
Stddev	.00022	.00010	.1244	.00021	.00012	.00025	.01282
%RSD	3.3619	1.6135	5.7807	1.9018	.35396	1.1428	12.384

#1	.00625	.00612	2.2400	.01078	.03350	.02171	.09447
#2	.00655	.00598	2.0640	.01107	.03367	.02206	.11261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02312	2.1634	.04452	.01103	2.0862	.04557	.04785
Stddev	.00005	.0412	.00009	.00003	.0556	.00006	.00265
%RSD	.19580	1.9052	.19662	.25106	2.6628	.12985	5.5444

#1	.02316	2.1925	.04458	.01105	2.1255	.04562	.04972
#2	.02309	2.1342	.04446	.01101	2.0469	.04553	.04597

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1053	2.1265	1.1482	F .01188	4.2184	.04389	.04505
Stddev	.0743	.00040	.00664	.00440	.02170	.00052	.00178
%RSD	3.5297	.18842	5.7827	37.055	5.1439	1.1790	3.9437

#1	2.1579	.21293	.11952	.01499	.43718	.04352	.04379
#2	2.0528	.21236	.11013	.00877	.40650	.04426	.04630

Sample Name: CRI01 Acquired: 8/21/2018 13:28:47 Type: Unk
Method: P4-ICP2(v2365) 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	.01825	.0194	.02134	F<00000	F<00000
Stddev	.00049	.0012	.00054	.08213	.29154
%RSD	2.7016	6.345	2.5308	144.16	18.087
#1	.01790	.0202	.02172	.00110	-1.8180
#2	.01860	.0185	.02096	-.11505	-1.4057
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2058.3	58236.	2850.6	45.284	3211.6
Stddev	.2	100.	121.6	2.324	4.1
%RSD	.01191	.17254	4.2666	5.1316	.12819
#1	2058.5	58165.	2764.6	43.641	3214.5
#2	2058.1	58307.	2936.7	46.927	3208.7

Sample Name: IC5A01 Acquired: 8/21/2018 13:32:52 Type: Unk
Method: P4-ICP2(v2365) 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	.00484	.00273	.00145	.00504	.00035	266.82	.00586
Stddev	.00124	.00248	.00068	.00293	.00133	2.51	.00085
%RSD	25.708	90.747	47.282	58.090	384.31	.94181	14.490

#1	.00572	-.00098	-.00096	.00711	-.00059	265.05	.00526
#2	.00396	-.00449	-.00193	.00297	.00128	268.60	.00646

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00034	.00208	242.21	.05849	.00023	.00044	102.38
Stddev	.00005	.00029	3.06	.00035	.00005	.00252	3.91
%RSD	13.495	14.019	1.2621	.59569	21.553	576.40	3.8203

#1	.00037	.00229	240.04	.05873	-.00020	.00135	99.617
#2	.00031	.00188	244.37	.05824	-.00027	-.00222	105.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01593	260.16	.00778	.00115	.03201	.00107	.00115
Stddev	.00007	3.74	.00019	.00015	.00393	.00007	.00019
%RSD	.44651	1.4379	2.3887	13.385	12.269	6.0650	16.807

#1	.01588	257.52	.00765	.00104	.03478	.00103	.00129
#2	.01598	262.81	.00791	.00125	.02923	.00112	.00102

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02505	.00049	.03786	.00526	.00816	.00093	.00243
Stddev	.02509	.00062	.00953	.00138	.00517	.00237	.00373
%RSD	100.15	126.19	25.157	26.149	63.318	255.98	153.26

#1	-.00731	-.00005	.03113	.00624	-.01182	.00075	-.00507
#2	-.04279	-.00092	.04460	.00429	-.00451	-.00261	.00020

Sample Name: IC5A01 Acquired: 8/21/2018 13:32:52 Type: Unk
Method: P4-ICP2(v2365) 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	.00220	.0044	F .10127	F<.00000	F 15.981
Stddev	.00066	.0030	.00148	1.2259	.252
%RSD	29.812	67.43	1.4633	5.2988	.54765
#1	.00267	.0023	.10022	-24.003	45.803
#2	.00174	.0065	.10232	-22.269	46.159
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.8	52188.	2828.3	41.263	2591.0
Stddev	4.7	95.	4.1	1.205	3.6
%RSD	.25056	.18182	.14348	2.9201	.13905
#1	1883.4	52121.	2825.5	42.115	2588.5
#2	1890.1	52255.	2831.2	40.411	2593.6

Sample Name: ICSAB01 Acquired: 8/21/2018 13:42:16 Type: Unk
Method: P4-ICP2(v2365) 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	.10424	.09990	.04782	.05241	.58558	262.22	.52412
Stddev	.00521	.00066	.00176	.00149	.00379	2.77	.00512
%RSD	4.9970	.66177	3.6712	2.8523	.64643	1.0551	.97726

#1	.10055	.09944	.04658	.05347	.58826	260.27	.52050
#2	.10792	.10037	.04906	.05136	.58291	264.18	.52775

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53408	.99328	240.06	.56400	.50163	.48992	36.979
Stddev	.00048	.00103	2.28	.00191	.00003	.00121	1.414
%RSD	.08954	.10368	.94864	.33881	.00582	.24749	1.4576

#1	.53374	.99255	238.45	.56535	.50161	.49078	95.980
#2	.53442	.99400	241.67	.56264	.50165	.48906	97.979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52797	256.77	1.0049	.16433	.00638	.50585	1.0006
Stddev	.00224	3.80	.0015	.00071	.00483	.00291	.0009
%RSD	.42410	1.4786	.14667	.43044	75.659	.57613	.09062

#1	.52955	254.09	1.0039	.16383	.00297	.50791	1.0013
#2	.52639	259.46	1.0060	.16483	.00980	.50379	.99999

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03963	.00048	.02527	.00438	.00363	.00498	.00351
Stddev	.04028	.00021	.01136	.00170	.00673	.00015	.00022
%RSD	101.64	43.032	44.960	38.775	185.45	3.0962	6.2444

#1	.06811	.00063	.03330	.00318	-.00113	.00487	-.00366
#2	.01115	.00034	.01723	.00559	.00838	.00508	-.00335

Sample Name: ICSAB01 Acquired: 8/21/2018 13:42:16 Type: Unk
 Method: P4-ICP2(v2365) 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	.00114	F.0108	.10024	F<.00000	F 18.378
Stddev	.00125	.0003	.00119	.61300	1.695
%RSD	109.28	2.986	1.1884	3.2461	3.5044
#1	.00202	.0111	.09940	-18.451	49.576
#2	.00026	.0106	.10108	-19.318	47.179
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1906.7	52844.	2851.2	43.531	2634.3
Stddev	1.9	280.	12.9	.070	1.1
%RSD	.10044	.52903	.45327	.16087	.04162
#1	1905.4	52646.	2842.0	43.482	2633.5
#2	1908.1	53042.	2860.3	43.581	2635.0

Sample Name: CCV01 Acquired: 8/21/2018 13:46:19 Type: Unk
Method: P4-ICP2(v2365) 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	4.9374	4.9124	4.9084	4.9103	4.9186	3.7135	3.9003	.24670
Stddev	.0077	.0014	.0121	.0144	.0046	.0447	.1106	.00025
%RSD	.15536	.02942	.24683	.29310	.09372	.46041	1.1175	.10300

#1	4.9320	4.9134	4.8999	4.9002	4.9154	9.6819	9.8220	.24652
#2	4.9428	4.9113	4.9170	4.9205	4.9219	9.7451	9.9785	.24688

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4412	24.630	.98709	2.4414	1.2435	3.0372	2.4765	24.812
Stddev	.0084	.324	.00179	.0056	.0005	.0999	.0073	.271
%RSD	.34491	1.3139	.18159	.22724	.04018	1.9836	.29510	1.0906

#1	2.4353	24.401	.98583	2.4375	1.2431	4.9666	2.4713	24.621
#2	2.4472	24.859	.98836	2.4454	1.2438	5.1079	2.4816	25.003

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4465	1.2343	24.568	2.4681	2.5133	24.648	4.9553	4.9772
Stddev	.0029	.0040	.359	.0030	.0015	.285	.0065	.0338
%RSD	.11657	.32318	1.4608	.12126	.06163	1.1567	.13073	.67912

#1	2.4444	1.2372	24.314	2.4660	2.5144	24.446	4.9507	4.9533
#2	2.4485	1.2315	24.822	2.4702	2.5122	24.849	4.9599	5.0011

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8244	4.9027	4.8759	4.9153	4.9300	4.883	4.9652	F 2.2802
Stddev	.0030	.0058	.0004	.0623	.0600	.006	.0635	.1214
%RSD	.06214	.11789	.00907	1.2669	1.2178	.1295	1.2784	5.3237

#1	4.8223	4.9068	4.8756	4.8713	4.8876	4.879	4.9203	2.3661
#2	4.8265	4.8986	4.8763	4.9594	4.9725	4.888	5.0101	2.1944

Sample Name: CCV01 Acquired: 8/21/2018 13:46:19 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.2719
Stddev	.5277
%RSD	41.485

#1	1.6450
#2	.89881

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2007.4	56220.	2892.0	44.168	2922.0
Stddev	3.3	58.	2.4	.155	2.2
%RSD	.16531	.10317	.08396	.34980	.07374

#1	2005.0	56179.	2890.3	44.059	2920.5
#2	2009.7	56261.	2893.7	44.278	2923.5

Sample Name: CCB01 Acquired: 8/21/2018 13:50:07 Type: Unk
Method: P4-ICP2(v2365) 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	.00016	.00166	.00049	.00020	.00055	.01287	.00134	.00002
Stddev	.00298	.00312	.00075	.00079	.00013	.00148	.00020	.00001
%RSD	1878.1	187.53	152.42	391.59	23.496	11.522	14.843	51.521

#1	.00195	-.00054	.00102	-.00076	.00046	-.01182	.00120	-.00003
#2	-.00227	.00387	-.00004	.00036	.00064	-.01391	.00148	-.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00059	.00072	.00020	.00018	.00315	.00001	.04253
Stddev	.00006	.02398	.00023	.00026	.00115	.01098	.00006	.02931
%RSD	245.88	4032.4	31.305	131.46	634.99	348.01	788.76	68.930

#1	.00002	.01636	-.00088	-.00001	.00063	.01092	-.00003	-.02180
#2	-.00006	-.01755	-.00056	-.00038	-.00099	-.00461	.00005	-.06325

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00045	.00087	.05861	.00005	.00007	.01253	.00012	.00132
Stddev	.00017	.00021	.01981	.00035	.00004	.01901	.00012	.00522
%RSD	36.989	24.367	33.798	749.16	60.780	151.71	97.407	396.06

#1	-.00033	.00072	-.04461	-.00020	.00010	.00091	.00020	-.00237
#2	-.00057	.00102	-.07262	.00029	.00004	-.02598	.00004	.00501

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01270	.00304	.00192	.00111	.00070	.0040	.00003	<.00000
Stddev	.00036	.00068	.00098	.00050	.00234	.0004	.00008	.43646
%RSD	2.7985	22.365	51.153	45.550	337.34	9.246	244.86	1180.5

#1	-.01296	-.00256	.00122	-.00146	.00096	.0037	.00009	.27165
#2	-.01245	-.00352	.00261	-.00075	-.00235	.0042	-.00002	-.34560

Sample Name: CCB01 Acquired: 8/21/2018 13:50:07 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <00000
Stddev 1.9778
%RSD 1176.5

#1 -1.5666
#2 1.2304

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2065.1	58139.	2899.7	45.350	3248.3
Stddev	7.0	105.	9.0	1.356	12.5
%RSD	.34008	.18082	.31025	2.9909	.38501

#1	2060.1	58065.	2906.0	46.309	3239.5
#2	2070.1	58214.	2893.3	44.391	3257.1

Sample Name: J4501-06DLX10 Acquired: 8/21/2018 13:54:16 Type: Unk
Method: P4-ICP2(v2365) 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	.02801	.00194	.25360	.01468	.00031	11.489	.24125
Stddev	.00240	.00166	.00020	.00090	.00034	.121	.00276
%RSD	8.5545	85.661	.07747	6.1047	111.69	1.0574	1.1430

#1	.02970	-.00076	.25346	.01532	-.00006	11.403	.23930
#2	.02631	-.00311	.25374	.01405	-.00055	11.575	.24320

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	.00220	.211.04	.54751	.00663	.09236	70.264
Stddev	.00001	.00005	3.32	.00056	.00030	.00109	2.508
%RSD	1.2019	2.1913	1.5718	.10199	4.4814	1.1843	3.5691

#1	.00087	.00217	208.69	.54791	.00684	.09314	68.491
#2	.00089	.00224	213.39	.54712	.00642	.09159	72.038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21.532	.31.260	.03054	.00223	1.8667	.44350	.46619
Stddev	.150	.287	.00032	.00027	.0368	.00121	.01513
%RSD	.69604	.91708	1.0586	11.870	1.9720	.27258	3.2450

#1	.21.426	.31.057	.03077	.00205	1.8407	.44264	.45549
#2	.21.638	.31.462	.03031	.00242	1.8928	.44435	.47689

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9773	.00863	.09512	1.9333	.75890	.01018	1.4226
Stddev	.0213	.00040	.00647	.0163	.00516	.00008	.0026
%RSD	1.0768	4.5913	6.8063	.84490	.67942	.76274	.18431

#1	1.9623	.00835	.09970	1.9448	.75526	.01023	1.4208
#2	1.9924	.00891	.09054	1.9217	.76255	.01012	1.4245

Sample Name: J4501-06DLX10 Acquired: 8/21/2018 13:54:16 Type: Unk
Method: P4-ICP2(v2365) 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	.01745	4.259	.22513	F<00000	31.700
Stddev	.00037	.002	.00144	.90717	.188
%RSD	2.0990	.0431	.63811	7.1953	.59200
#1	.01719	4.260	.22411	-11.966	31.567
#2	.01771	4.257	.22614	-13.249	31.833
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1979.4	55939.	2919.7	44.695	2812.3
Stddev	12.3	98.	2.4	1.183	20.4
%RSD	.62161	.17446	.08314	2.6466	.72592
#1	1970.7	55870.	2918.0	45.532	2797.9
#2	1988.1	56008.	2921.4	43.859	2826.7

Sample Name: J4501-07DLX10 Acquired: 8/21/2018 13:58:24 Type: Unk
Method: P4-ICP2(v2365) 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	.03343	.00326	.74616	.01632	.00028	19.852	.44681
Stddev	.00138	.00090	.00111	.00620	.00106	.170	.00925
%RSD	4.1339	27.618	.14940	37.965	381.92	.85773	2.0692

#1	.03440	-.00390	.74695	.01194	.00103	19.732	.44028
#2	.03245	-.00263	.74537	.02070	-.00047	19.973	.45335

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00216	.00722	219.72	1.7171	.01504	.29286	182.78
Stddev	.00010	.00071	4.62	.0078	.00020	.00225	6.02
%RSD	4.6009	9.8155	2.1046	.45355	1.3130	.76975	3.2936

#1	.00209	.00772	216.45	1.7116	.01518	.29445	178.52
#2	.00223	.00672	222.99	1.7226	.01490	.29126	187.03

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	32.436	50.420	.11622	.00396	.74529	.55207	1.2457
Stddev	.084	1.469	.00060	.00168	.01743	.00099	.0241
%RSD	.25973	2.4317	.51808	42.467	2.3393	.17935	1.9368

#1	32.376	59.381	.11579	.00277	.73297	.55137	1.2287
#2	32.495	61.459	.11664	.00515	.75762	.55277	1.2628

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.4543	.05218	.17116	4.0101	.19370	.02943	2.7027
Stddev	.0282	.00039	.00514	.0088	.00043	.00040	.0481
%RSD	1.9374	.74385	3.0043	.21873	.22387	1.3463	1.7777

#1	1.4742	.05245	.17480	4.0039	.19400	.02971	2.6687
#2	1.4343	.05190	.16753	4.0163	.19339	.02915	2.7367

Sample Name: J4501-07DLX10 Acquired: 8/21/2018 13:58:24 Type: Unk
Method: P4-ICP2(v2365) 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	.02476	4.596	.29714	F<00000	36.250
Stddev	.00132	.007	.00542	.13460	.283
%RSD	5.3143	.1618	1.8251	.25440	.32771
#1	.02382	4.601	.29330	-53.004	86.450
#2	.02569	4.591	.30097	-52.814	86.050
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.5	55618.	2932.5	44.136	2724.2
Stddev	7.7	272.	9.2	.782	4.3
%RSD	.39623	.48952	.31341	1.7723	.15894
#1	1959.0	55426.	2939.0	44.689	2727.2
#2	1948.1	55811.	2926.0	43.583	2721.1

Sample Name: J4535-05DLX10 Acquired: 8/21/2018 14:02:29 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: RA-081618-ES Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04946	.00617	1.8766	.00493	.03301	3.7488	.45010
Stddev	.00105	.00145	.0066	.01019	.00121	.0967	.00728
%RSD	2.1140	23.516	.35122	206.55	3.6634	1.1055	1.6170

#1	.05020	-.00720	1.8720	.01214	.03386	8.6805	.44495
#2	.04872	-.00514	1.8813	-.00227	.03215	8.8172	.45525

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00173	.00445	33.568	.96418	.03834	.68686	330.26
Stddev	.00007	.00219	.708	.00737	.00047	.01438	21.33
%RSD	4.2420	49.284	2.1101	.76489	1.2222	2.0939	6.4598

#1	.00167	.00290	33.067	.95896	.03801	.67669	345.34
#2	.00178	.00600	34.069	.96939	.03867	.69703	315.17

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6445	5.1858	.34657	.00146	.32745	.09781	.68658
Stddev	.0056	.2009	.00175	.00214	.02655	.00136	.05027
%RSD	.15457	3.8742	.50552	146.99	8.1082	1.3948	7.3223

#1	3.6485	5.0437	.34533	.00297	.30868	.09685	.72213
#2	3.6405	5.3279	.34781	-.00006	.34623	.09878	.65104

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82005	.10168	2.3814	1.7016	.23918	.17661	.26060
Stddev	.00244	.00005	.0018	.0063	.00220	.00348	.00008
%RSD	.29744	.05043	.07528	.36907	.91973	1.9689	.02992

#1	.81833	.10164	2.3827	1.7060	.24073	.17415	.26066
#2	.82177	.10171	2.3802	1.6971	.23762	.17907	.26055

Sample Name: J4535-05DLX10 Acquired: 8/21/2018 14:02:29 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: RA-081618-ES Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00999	3.366	.11041	F<00000	F146.88
Stddev	.00033	.019	.00174	2.4261	.58
%RSD	3.3108	.5614	1.5757	2.1295	.39611
#1	.00975	3.353	.10918	-112.21	147.30
#2	.01022	3.380	.11164	-115.64	146.47
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.2	56322.	2906.9	45.198	2894.4
Stddev	8.0	269.	1.9	3.393	6.2
%RSD	.40072	.47772	.06480	7.5075	.21479
#1	1986.6	56131.	2908.2	42.799	2890.0
#2	1997.8	56512.	2905.5	47.598	2898.8

Sample Name: J4535-06DLX10 Acquired: 8/21/2018 14:06:28 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: RA-081618-NS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03436	.00318	1.4721	.00620	.04681	20.657	.66532
Stddev	.00237	.00002	.0017	.00011	.00019	.300	.00992
%RSD	6.8941	.76385	.11399	1.8043	.40815	1.4532	1.4912

#1	.03268	-.00319	1.4733	.00612	.04667	20.444	.65830
#2	.03603	-.00316	1.4710	.00628	.04694	20.869	.67234

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00250	.00251	119.63	.44693	.02522	.32196	141.39
Stddev	.00005	.00055	2.24	.00086	.00026	.00415	5.47
%RSD	1.9595	21.902	1.8757	.19218	1.0372	1.2878	3.8670

#1	.00247	.00290	118.05	.44754	.02503	.32489	137.53
#2	.00254	.00212	121.22	.44632	.02540	.31902	145.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.5231	22.229	20168	.00140	.42807	.06592	.58409
Stddev	.0425	.405	.00076	.00073	.01646	.00041	.01351
%RSD	.65201	1.8231	.37535	52.176	3.8449	.62254	2.3136

#1	6.4930	21.943	.20115	.00088	.41643	.06621	.57454
#2	6.5532	22.516	.20222	.00192	.43970	.06563	.59365

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2004	.05993	34533	1.6961	.36505	.08584	.32882
Stddev	.0594	.00043	.00965	.0095	.00043	.00035	.00662
%RSD	2.6982	.71540	2.7932	.56050	.11872	.40356	2.0121

#1	2.1584	.05962	.33851	1.6894	.36536	.08560	.32414
#2	2.2424	.06023	.35215	1.7029	.36475	.08609	.33350

Sample Name: J4535-06DLX10 Acquired: 8/21/2018 14:06:28 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: RA-081618-NS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03016	.9978	.20637	F<00000	37.758
Stddev	.00015	.0028	.00327	.78647	.597
%RSD	.48260	.2783	1.5834	1.7607	.88128
#1	.03006	.9998	.20406	-45.225	68.180
#2	.03027	.9959	.20868	-44.113	67.336
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.1	56441.	2901.8	45.547	2848.8
Stddev	5.8	51.	1.1	.946	15.3
%RSD	.29163	.09043	.03721	2.0775	.53850
#1	1985.0	56405.	2902.5	46.216	2837.9
#2	1993.2	56477.	2901.0	44.878	2859.6

Sample Name: J4511-08DLX10 Acquired: 8/21/2018 14:10:36 Type: Unk
Method: P4-ICP2(v2365) 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	.02719	.00138	.55346	.00676	.00605	16.370	.40145
Stddev	.00447	.00248	.00147	.00069	.00189	.131	.00247
%RSD	16.435	180.15	.26539	10.267	31.269	.80000	.61567

#1	.03035	.00038	.55450	.00726	.00471	16.277	.39971
#2	.02403	-.00314	.55242	.00627	.00739	16.462	.40320

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00118	.00125	36.491	.04427	.01632	.25959	39.868
Stddev	.00008	.00035	.449	.00006	.00004	.00005	1.813
%RSD	6.8759	28.262	1.2307	.12570	.23987	.01769	2.5954

#1	.00112	.00100	36.173	.04423	.01629	.25956	71.150
#2	.00124	.00150	36.808	.04431	.01635	.25962	68.586

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.75826	16.097	.04391	.00179	.13107	.05027	.46113
Stddev	.00161	.030	.00032	.00054	.01305	.00052	.01672
%RSD	.21204	.18605	.72848	30.292	9.9579	1.0252	3.6262

#1	.75940	16.076	.04369	.00217	.14030	.04990	.47295
#2	.75713	16.118	.04414	.00140	.12184	.05063	.44930

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3276	.00234	.05003	.76898	.61873	.03987	.17363
Stddev	.0113	.00003	.00197	.00188	.00641	.00032	.00136
%RSD	.48724	1.1280	3.9345	.24465	1.0358	.79679	.78379

#1	2.3356	.00232	.05142	.77031	.61420	.03964	.17267
#2	2.3195	.00236	.04864	.76765	.62326	.04009	.17459

Sample Name: J4511-08DLX10 Acquired: 8/21/2018 14:10:36 Type: Unk
 Method: P4-ICP2(v2365) 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	.03915	1.182	.07345	F<00000	32.985
Stddev	.00036	.007	.00026	.40915	1.506
%RSD	.91821	.6026	.35654	1.9229	4.5643
#1	.03941	1.187	.07327	-20.988	31.921
#2	.03890	1.177	.07364	-21.567	34.050
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2067.5	58009.	2976.3	45.520	3044.1
Stddev	8.7	333.	19.5	1.713	2.9
%RSD	.41890	.57324	.65453	3.7634	.09380
#1	2061.4	57774.	2962.5	44.309	3042.1
#2	2073.7	58244.	2990.1	46.732	3046.1

Sample Name: J4521-04DLX10 Acquired: 8/21/2018 14:14:38 Type: Unk
Method: P4-ICP2(v2365) 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	.01006	.00238	.16003	.00109	.00038	11.598	.10928
Stddev	.00004	.00008	.00103	.00190	.00132	.228	.00169
%RSD	.42764	3.2132	.64276	173.97	351.29	1.9649	1.5477

#1	.01009	.00232	.16076	-.00243	-.00131	11.437	.10809
#2	.01003	.00243	.15930	.00025	.00056	11.760	.11048

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	.00031	29.554	.04220	.01973	.09057	30.167
Stddev	.00004	.00005	.452	.00052	.00023	.00049	.132
%RSD	4.7363	16.657	1.5298	1.2308	1.1861	.53741	.43903

#1	.00090	.00027	29.235	.04257	.01956	.09023	30.261
#2	.00096	.00035	29.874	.04184	.01989	.09092	30.073

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.55860	9.5399	.04441	.00035	3.2611	.04631	.24010
Stddev	.00206	.0488	.00024	.00025	.0332	.00015	.00403
%RSD	.36827	.51143	.53265	72.045	1.0175	.32016	1.6770

#1	.55715	9.5054	.04424	.00017	3.2376	.04642	.24295
#2	.56006	9.5744	.04458	.00053	3.2846	.04621	.23726

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7468	.00325	.02019	1.1059	.95997	.01280	.58301
Stddev	.0306	.00020	.00785	.0025	.01223	.00028	.00642
%RSD	1.1132	6.0562	38.863	.22304	1.2743	2.1574	1.1004

#1	2.7252	.00339	.01464	1.1041	.96862	.01261	.57848
#2	2.7685	.00311	.02574	1.1076	.95132	.01300	.58755

Sample Name: J4521-04DLX10 Acquired: 8/21/2018 14:14:38 Type: Unk
Method: P4-ICP2(v2365) 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	.01875	1.176	.10253	F<00000	13.497
Stddev	.00035	.003	.00111	.76438	1.176
%RSD	1.8927	.2912	1.0850	8.4519	8.7120

#1	.01850	1.174	.10174	-9.5843	12.665
#2	.01900	1.179	.10331	-8.5033	14.328

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.1	58968.	2972.8	45.709	3075.9
Stddev	2.3	13.	20.4	.881	4.4
%RSD	.11078	.02199	.68621	1.9267	.14280

#1	2099.4	58959.	2958.4	45.086	3072.8
#2	2102.7	58977.	2987.3	46.332	3079.0

Sample Name: PB112208BL Acquired: 8/21/2018 14:18:41 Type: Unk
Method: P4-ICP2(v2365) 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	.00157	.00064	.00036	.00131	.00082	.00287	.00074
Stddev	.00280	.00097	.00059	.00047	.00015	.00736	.00071
%RSD	177.96	151.94	163.45	35.882	18.466	256.83	97.032

#1	.00355	.00133	.00078	.00164	-.00071	.00234	.00124
#2	-.00041	-.00005	-.00006	.00098	-.00093	-.00807	.00023

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00003	.02032	.00056	.00008	.00067	.00416
Stddev	.00000	.00010	.01419	.00009	.00008	.00043	.01876
%RSD	15.832	284.62	69.847	16.554	98.706	64.661	450.63

#1	-.00002	.00003	-.01028	-.00062	-.00013	-.00036	-.00910
#2	-.00002	-.00010	-.03036	-.00049	-.00002	-.00098	.01743

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.04460	.00019	.00021	.08879	.00040	.00007
Stddev	.0000	.01280	.00026	.00025	.01001	.00015	.00007
%RSD	30.621	28.701	138.43	117.65	11.268	36.271	106.21

#1	-.00001	-.05365	.00000	.00039	-.09587	.00051	.00002
#2	.00000	-.03555	-.00037	.00004	-.08172	.00030	.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00135	.00023	.00156	F .01192	.00449	.00095	.00072
Stddev	.04281	.00005	.00824	.00198	.00015	.00004	.00161
%RSD	3172.3	20.918	526.30	16.582	3.2801	4.3627	223.18

#1	.02892	-.00026	.00426	-.01332	-.00459	.00098	-.00186
#2	-.03162	-.00020	-.00739	-.01052	-.00439	.00092	.00042

Sample Name: PB112208BL Acquired: 8/21/2018 14:18:41 Type: Unk
Method: P4-ICP2(v2365) 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	.00064	.0033	.00005	F.43020	F.39474
Stddev	.00125	.0008	.00001	.03569	.73989
%RSD	197.29	24.01	18.479	8.2951	187.44

#1	-.00152	.0038	-.00006	.40497	-.12844
#2	.00025	.0027	-.00005	.45543	.91792

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.2	57609.	2878.5	47.332	3219.9
Stddev	1.5	168.	7.1	.675	1.0
%RSD	.07310	.29147	.24520	1.4260	.03220

#1	2047.2	57490.	2883.5	47.809	3219.2
#2	2049.3	57728.	2873.5	46.855	3220.6

Sample Name: PB112208BS Acquired: 8/21/2018 14:22:47 Type: Unk
Method: P4-ICP2(v2365) 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	.74181	1.9080	.92441	1.8965	.73895	1.8316	.19654
Stddev	.00372	.0063	.00016	.0005	.00155	.0503	.00482
%RSD	.50105	.32850	.01753	.02829	.21020	2.7469	2.4505
#1	.74443	1.9036	.92429	1.8968	.74005	1.7960	.19314
#2	.73918	1.9124	.92452	1.8961	.73785	1.8672	.19995
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19121	.18456	.98566	.39666	.18722	.30439	2.8572
Stddev	.00070	.00021	.06156	.00089	.00052	.00031	.0083
%RSD	.36691	.11316	6.2452	.22342	.27827	.10302	.28992
#1	.19071	.18471	.94214	.39604	.18685	.30461	2.8631
#2	.19170	.18441	1.0292	.39729	.18759	.30417	2.8513
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20303	1.8887	.47401	.07088	2.8054	.29355	.19879
Stddev	.00091	.0174	.00145	.00020	.0504	.00062	.00420
%RSD	.44716	.92203	.30502	.28849	1.7961	.21012	2.1147
#1	.20239	1.8764	.47504	.07073	2.7698	.29312	.20177
#2	.20367	1.9010	.47299	.07102	2.8410	.29399	.19582
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3712	.39259	.29227	F .01812	.87482	.64783	.19339
Stddev	.2554	.00028	.00114	.00143	.00577	.00041	.00714
%RSD	2.7249	.07219	.39029	7.8692	.65929	.06384	3.6924
#1	9.1906	.39279	.29308	-.01913	.87074	.64754	.18834
#2	9.5517	.39239	.29146	-.01711	.87890	.64812	.19844

Sample Name: PB112208BS Acquired: 8/21/2018 14:22:47 Type: Unk
Method: P4-ICP2(v2365) 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	.18677	5.169	.19228	F<00000	F<00000
Stddev	.00306	.006	.00278	.21396	.92293
%RSD	1.6383	.1246	1.4444	48.002	44.934
#1	.18461	5.174	.19031	-.29443	-2.7066
#2	.18894	5.165	.19424	-.59701	-1.4014
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.0	57095.	2851.3	45.634	3161.7
Stddev	2.7	52.	10.3	1.109	3.1
%RSD	.13057	.09081	.36162	2.4299	.09777
#1	2043.1	57131.	2858.6	44.850	3159.5
#2	2046.9	57058.	2844.0	46.418	3163.9

Sample Name: PB112232BL Acquired: 8/21/2018 14:26:42 Type: Unk
Method: P4-ICP2(v2365) 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	.00089	.00020	.00150	.00281	.00207	.00013	.00086
Stddev	.00200	.00059	.00034	.00251	.00038	.00501	.00104
%RSD	226.12	300.31	22.945	89.253	18.295	3730.8	120.59
#1	-.00053	-.00062	.00174	-.00104	.00180	.00341	.00160
#2	.00230	.00022	.00125	-.00458	.00233	-.00368	.00013
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00004	.00750	.00042	.00005	.00053	.00796
Stddev	.00003	.00008	.01001	.00015	.00012	.00039	.00502
%RSD	505.16	216.83	133.52	34.971	217.71	73.646	63.075
#1	-.00003	.00009	-.00042	-.00053	.00014	-.00025	.01151
#2	.00001	-.00002	-.01457	-.00032	-.00003	-.00080	.00441
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.02841	.00012	.00003	.09218	.00064	.00002
Stddev	.00006	.01035	.00025	.00037	.00486	.00044	.00003
%RSD	2592.6	36.427	213.04	1220.8	5.2747	68.643	159.32
#1	-.00004	-.03573	-.00030	.00023	-.08874	.00033	.00003
#2	.00005	-.02109	.00006	-.00029	-.09562	.00095	.00000
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02890	.00057	.00130	F .01506	.00566	.00153	.00130
Stddev	.00900	.00012	.00573	.00049	.00190	.00063	.00427
%RSD	31.149	21.013	439.99	3.2746	33.559	41.210	329.12
#1	-.02253	-.00049	.00536	-.01471	-.00700	.00198	-.00172
#2	-.03526	-.00066	-.00275	-.01541	-.00432	.00108	.00431

Sample Name: PB112232BL Acquired: 8/21/2018 14:26:42 Type: Unk
Method: P4-ICP2(v2365) 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	.00011	.0011	.00001	F.68961	F<.00000
Stddev	.00044	.0023	.00012	.17815	.02777
%RSD	414.66	215.9	1547.5	25.834	1.6418

#1	-.00021	.0027	.00010	.81558	-1.7113
#2	.00042	-.0006	-.00008	.56364	-1.6720

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.6	57695.	2867.0	46.559	3217.7
Stddev	.5	14.	1.3	.456	4.7
%RSD	.02236	.02513	.04484	.98027	.14662

#1	2048.9	57685.	2867.9	46.882	3221.1
#2	2048.2	57705.	2866.1	46.236	3214.4

Sample Name: PB112232BS Acquired: 8/21/2018 14:30:49 Type: Unk
Method: P4-ICP2(v2365) 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	.73974	1.9059	.92416	1.8821	.73570	1.8665	.19888
Stddev	.00360	.0020	.00005	.0000	.00171	.0147	.00067
%RSD	.48715	.10697	.00502	.00106	.23249	.79010	.33808
#1	.73720	1.9044	.92413	1.8821	.73691	1.8561	.19840
#2	.74229	1.9073	.92420	1.8821	.73449	1.8770	.19935
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19051	.18377	.99362	.39396	.18655	.30127	2.8404
Stddev	.00001	.00032	.03527	.00071	.00013	.00057	.0162
%RSD	.00362	.17361	3.5495	.17939	.06936	.19055	.56969
#1	.19050	.18355	.96868	.39346	.18646	.30086	2.8290
#2	.19051	.18400	1.0186	.39446	.18664	.30168	2.8519
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20188	1.9602	.47304	.07076	2.8280	.29206	.19358
Stddev	.00028	.0503	.00111	.00048	.0311	.00121	.00061
%RSD	.13637	2.5679	.23407	.67354	1.0989	.41333	.31353
#1	.20168	1.9246	.47225	.07042	2.8061	.29291	.19401
#2	.20207	1.9958	.47382	.07109	2.8500	.29120	.19315
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.5836	.38920	.29120	F .01882	.87188	.64590	.19645
Stddev	.1607	.00104	.00322	.00191	.00249	.00186	.00070
%RSD	1.6770	.26688	1.1070	10.157	.28559	.28810	.35690
#1	9.4700	.38846	.29348	-.02017	.87012	.64721	.19595
#2	9.6973	.38993	.28892	-.01747	.87364	.64458	.19694

Sample Name: PB112232BS Acquired: 8/21/2018 14:30:49 Type: Unk
 Method: P4-ICP2(v2365) 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	.18986	5.151	.19394	F<00000	F<00000
Stddev	.00398	.011	.00194	1.1930	1.4042
%RSD	2.0940	.2175	1.0011	1283.4	108.04

#1	.18704	5.143	.19257	-.93655	-.30677
#2	.19267	5.159	.19531	.75063	-2.2927

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2043.2	57425.	2852.7	46.611	3156.3
Stddev	5.0	253.	10.8	.337	10.2
%RSD	.24484	.44013	.37857	.72404	.32187

#1	2039.6	57247.	2845.1	46.373	3149.1
#2	2046.7	57604.	2860.4	46.850	3163.5

Sample Name: CCV02 Acquired: 8/21/2018 14:34:44 Type: Unk
Method: P4-ICP2(v2365) 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	4.8715	4.8773	4.8624	4.8676	4.8828	3.8122	3.6384	2.4480
Stddev	.0164	.0124	.0148	.0103	.0063	.1531	.2536	.00002
%RSD	.33567	.25445	.30472	.21152	.12979	1.5599	2.6308	.00985
#1	4.8599	4.8685	4.8519	4.8748	4.8873	9.7040	9.4591	2.4481
#2	4.8831	4.8860	4.8729	4.8603	4.8784	9.9204	9.8177	2.4478
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4258	24.234	98003	2.4205	1.2333	4.7138	2.4683	24.219
Stddev	.0067	.695	.00248	.0039	.0024	.1397	.0040	.664
%RSD	.27771	2.8662	.25354	.16223	.19626	2.9635	.16126	2.7398
#1	2.4211	23.743	.97827	2.4177	1.2316	4.6150	2.4655	23.750
#2	2.4306	24.725	.98178	2.4233	1.2350	4.8126	2.4711	24.688
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4268	1.2152	23.992	2.4479	2.3849	23.998	4.9160	4.8670
Stddev	.0036	.0018	.637	.0084	.0256	.536	.0117	.1457
%RSD	.14709	.14592	2.6532	.34216	1.0731	2.2343	.23787	2.9937
#1	2.4243	1.2139	23.542	2.4420	2.3668	23.619	4.9077	4.7639
#2	2.4294	1.2164	24.442	2.4539	2.4030	24.377	4.9243	4.9700
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7636	4.7173	4.8416	4.8214	4.8248	4.845	4.8549	F 3.2203
Stddev	.0012	.0771	.0062	.1466	.1281	.010	.1233	.4643
%RSD	.02468	1.6345	.12803	3.0399	2.6556	.2112	2.5405	14.418
#1	4.7644	4.6628	4.8459	4.7178	4.7342	4.837	4.7677	2.8920
#2	4.7628	4.7718	4.8372	4.9251	4.9154	4.852	4.9421	3.5486

Sample Name: CCV02 Acquired: 8/21/2018 14:34:44 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg ~~F~~1.6194
Stddev 2.1030
%RSD 129.86

#1 3.1065
#2 .13241

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.3	55430.	2918.8	45.643	2890.6
Stddev	1.8	30.	36.5	.458	2.5
%RSD	.09198	.05337	1.2517	1.0039	.08665

#1	1984.6	55409.	2944.7	45.967	2892.4
#2	1982.0	55450.	2893.0	45.319	2888.8

Sample Name: CCB02 Acquired: 8/21/2018 14:38:31 Type: Unk
Method: P4-ICP2(v2365) 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	.00065	.00039	.00047	.00358	.00081	.00572	.00048
Stddev	.00028	.00039	.00062	.00122	.00110	.00884	.00059
%RSD	43.402	99.538	131.10	33.986	136.56	154.44	122.09

#1	.00045	-.00066	-.00003	.00272	.00003	.00053	.00007
#2	.00085	-.00012	-.00091	.00444	.00159	-.01197	.00089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00002	.00343	.00017	.00002	.00021	.01584
Stddev	.00003	.00002	.00303	.00021	.00013	.00084	.01478
%RSD	89.916	110.14	88.252	127.03	521.88	393.83	93.301

#1	.00005	.00000	.00129	-.00002	-.00011	-.00038	.02630
#2	.00001	.00003	.00557	-.00031	.00007	.00081	.00539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.01958	.00016	.00046	.09992	.00001	.00014
Stddev	.00003	.04257	.00045	.00025	.01117	.00005	.00008
%RSD	38.220	217.41	284.37	53.596	11.177	646.42	60.283

#1	.00007	.01052	-.00016	.00029	-.09202	.00003	.00020
#2	.00012	-.04968	.00048	.00064	-.10782	-.00005	.00008

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01350	.00004	.00218	F .01783	.00224	.00178	.00057
Stddev	.02808	.00002	.00199	.00200	.00374	.00001	.00113
%RSD	208.01	59.686	91.097	11.231	167.24	.44813	197.84

#1	.00636	.00002	.00358	-.01925	.00041	.00179	.00137
#2	-.03335	.00005	.00078	-.01641	-.00488	.00178	-.00023

Sample Name: CCB02 Acquired: 8/21/2018 14:38:31 Type: Unk
 Method: P4-ICP2(v2365) 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	.0028	.00000	F.59720	F<.00000
Stddev	.00006	.0023	.00021	.49553	.46738
%RSD	4.9179	81.93	8824.0	82.977	137.84
#1	-.00136	.0044	.00015	.94759	-.00859
#2	-.00127	.0012	-.00015	.24680	-.66957
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.7	57451.	2846.5	45.911	3218.2
Stddev	5.2	263.	22.6	.305	1.4
%RSD	.25287	.45833	.79402	.66507	.04381
#1	2042.1	57265.	2830.5	45.695	3217.2
#2	2049.4	57637.	2862.5	46.127	3219.2

Sample Name: J4274-03 Acquired: 8/21/2018 14:42:39 Type: Unk
Method: P4-ICP2(v2365) 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	.10591	.01739	.39312	.02074	.00662	137.33	.84012
Stddev	.00023	.00636	.00096	.00435	.00301	1.98	.01405
%RSD	.21440	36.558	.24434	20.994	45.568	1.4440	1.6729

#1	.10575	-.02189	.39380	.01766	.00448	135.93	.83018
#2	.10607	-.01290	.39244	.02382	.00875	138.74	.85005

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01250	.02024	441.20	.14126	.21452	.29429	437.81
Stddev	.00008	.00088	6.38	.00055	.00027	.00110	7.63
%RSD	.64266	4.3472	1.4454	.38720	.12439	.37375	1.7433

#1	.01256	.02087	436.69	.14165	.21433	.29507	432.42
#2	.01245	.01962	445.71	.14088	.21471	.29351	443.21

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.0341	273.89	.30902	.01807	9.9007	.48931	.93097
Stddev	.0271	4.66	.00200	.00114	.1384	.00033	.00454
%RSD	.29995	1.7009	.64876	6.2972	1.3978	.06771	.48718

#1	9.0533	270.60	.30760	.01726	9.8028	.48907	.92776
#2	9.0150	277.19	.31043	.01887	9.9985	.48954	.93417

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6211	.01396	2.0443	4.9418	1.6872	.02613	3.8004
Stddev	.1774	.00032	.0458	.0145	.1415	.00095	.0432
%RSD	2.0581	2.3075	2.2424	.29419	8.3848	3.6378	1.1354

#1	8.4957	.01373	2.0119	4.9315	1.7872	.02546	3.7699
#2	8.7466	.01419	2.0767	4.9521	1.5871	.02681	3.8309

Sample Name: J4274-03 Acquired: 8/21/2018 14:42:39 Type: Unk
 Method: P4-ICP2(v2365) 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	.14590	11.09	.39579	F<00000	F144.81
Stddev	.00247	.02	.00516	2.6182	3.54
%RSD	1.6936	.1946	1.3025	1.9222	2.4464

#1	.14415	11.07	.39214	-134.36	147.32
#2	.14765	11.10	.39943	-138.06	142.31

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2847.4	32362.	4519.3	42.223	2320.2
Stddev	4.8	284.	10.0	.086	8.7
%RSD	.16758	.34479	.22118	.20398	.37423

#1	2844.0	82161.	4512.2	42.284	2314.1
#2	2850.8	82563.	4526.3	42.162	2326.3

Sample Name: J4277-05 Acquired: 8/21/2018 14:46:38 Type: Unk
Method: P4-ICP2(v2365) 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	.06504	.01050	.99686	.01474	.00585	185.40	.97339
Stddev	.00142	.00123	.00502	.00584	.00119	.64	.00713
%RSD	2.1774	11.714	.50361	39.621	20.264	.34303	.73279

#1	.06604	-.00963	.99331	.01886	.00669	184.95	.96834
#2	.06403	-.01137	1.0004	.01061	.00501	185.85	.97843

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00763	.00805	31.771	.18185	.14722	.46318	341.41
Stddev	.00006	.00022	.758	.00065	.00055	.00082	.56
%RSD	.77375	2.7151	.92655	.35629	.37287	.17771	.16279

#1	.00767	.00820	81.235	.18231	.14683	.46260	341.80
#2	.00758	.00789	82.306	.18140	.14761	.46376	341.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2425	55.109	.27393	.00816	16.595	.51572	.97377
Stddev	.0033	.646	.00027	.00078	.170	.00193	.00819
%RSD	.06231	1.1719	.09792	9.5772	1.0217	.37394	.84152

#1	5.2448	54.652	.27412	.00871	16.475	.51435	.97957
#2	5.2402	55.566	.27374	.00761	16.714	.51708	.96798

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8579	.00374	.26976	3.6423	2.3239	.04143	3.2654
Stddev	.0228	.00041	.01264	.0361	.0996	.00059	.0258
%RSD	.23098	10.886	4.6848	.41803	4.2870	1.4316	.79009

#1	9.8418	.00345	.26083	8.6167	2.3943	.04185	3.2472
#2	9.8740	.00402	.27870	8.6678	2.2534	.04101	3.2837

Sample Name: J4277-05 Acquired: 8/21/2018 14:46:38 Type: Unk
 Method: P4-ICP2(v2365) 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	.16552	.934	.26652	F<00000	F129.39
Stddev	.00123	.034	.00192	1.2186	2.88
%RSD	.74235	.3370	.72119	1.0299	2.2221

#1	.16465	9.910	.26516	-117.46	127.36
#2	.16639	9.957	.26788	-119.18	131.43

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2398.7	57138.	3584.0	45.373	2703.2
Stddev	9.3	281.	9.6	.443	6.7
%RSD	.38874	.41807	.26854	.97626	.24858

#1	2392.1	66940.	3590.8	45.060	2698.5
#2	2405.3	67337.	3577.2	45.686	2708.0

Sample Name: J4277-07 Acquired: 8/21/2018 14:50:46 Type: Unk
 Method: P4-ICP2(v2365) 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	.05014	.00877	.46942	.00961	.00515	145.87	1.0015
Stddev	.00006	.00196	.00145	.00324	.00010	1.05	.0063
%RSD	.12560	22.327	.30875	33.729	1.9234	.72256	.62709

#1	.05010	-.00738	.46839	.01190	.00508	145.12	.99708
#2	.05018	-.01015	.47044	.00732	.00522	146.61	1.0060

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00648	.00492	52.883	.18233	.11922	.28881	.282.06
Stddev	.00006	.00046	.412	.00015	.00005	.00213	1.70
%RSD	.85075	9.4511	.77932	.08308	.04275	.73674	.60156

#1	.00652	.00524	52.592	.18244	.11926	.29032	280.86
#2	.00644	.00459	53.174	.18223	.11918	.28731	283.26

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.8450	45.469	.23843	.00594	3.2854	.46202	.86019
Stddev	.0008	.212	.00105	.00000	.0288	.00042	.00226
%RSD	.02181	.46727	.44229	.06612	.34784	.09080	.26241

#1	3.8456	45.318	.23769	.00595	8.2650	.46232	.86178
#2	3.8444	45.619	.23918	.00594	8.3058	.46173	.85859

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.783	.00521	.19309	9.0915	2.2622	.04273	3.0418
Stddev	.062	.00036	.01631	.0161	.0060	.00069	.0016
%RSD	.52535	6.8323	8.4455	.17663	.26723	1.6218	.05182

#1	11.739	.00495	.18156	9.1028	2.2664	.04322	3.0407
#2	11.827	.00546	.20462	9.0801	2.2579	.04224	3.0429

Sample Name: J4277-07 Acquired: 8/21/2018 14:50:46 Type: Unk
 Method: P4-ICP2(v2365) 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	.15803	9.548	.21142	F<00000	F112.91
Stddev	.00047	.011	.00117	.53857	.56
%RSD	.30011	.1182	.55224	.55843	.49761
#1	.15770	9.556	.21059	-96.063	113.31
#2	.15837	9.540	.21224	-96.825	112.51
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2308.3	64386.	3404.2	44.779	2773.8
Stddev	2.2	52.	15.6	.089	3.7
%RSD	.09676	.08018	.45954	.19845	.13314
#1	2309.9	64349.	3393.1	44.716	2776.4
#2	2306.7	64422.	3415.2	44.842	2771.2

Sample Name: J4282-09 Acquired: 8/21/2018 14:54:45 Type: Unk
Method: P4-ICP2(v2365) 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	.07693	.02246	.25345	.01778	.00986	185.38	.89628
Stddev	.00215	.00319	.00304	.00041	.00124	1.02	.00680
%RSD	2.7930	14.197	1.1998	2.3226	12.525	.54786	.75874

#1	.07541	-.02471	.25561	.01749	.00899	184.66	.89148
#2	.07845	-.02020	.25130	.01808	.01074	186.10	.90109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00986	.01102	153.81	.28259	.22672	.32046	486.93
Stddev	.00002	.00174	.77	.00144	.00012	.00735	13.36
%RSD	.22089	15.764	.49983	.51123	.05347	2.2941	2.7429

#1	.00985	.01225	153.26	.28361	.22681	.32566	477.48
#2	.00988	.00979	154.35	.28157	.22663	.31526	496.37

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.4638	105.88	.35106	.01684	3.5454	.71017	.92076
Stddev	.0043	.58	.00192	.00205	.0597	.00450	.01628
%RSD	.05781	.54782	.54598	12.151	.69869	.63354	1.7686

#1	7.4607	105.47	.34971	.01539	8.5032	.71335	.90924
#2	7.4668	106.29	.35242	.01828	8.5876	.70699	.93227

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.640	.00837	.47926	4.4001	1.9027	.01852	3.7413
Stddev	.072	.00028	.00615	.0055	.0931	.00008	.0408
%RSD	.62135	3.3248	1.2841	.12473	4.8918	.41533	.60501

#1	11.589	.00817	.47490	4.4040	1.9686	.01847	6.7124
#2	11.691	.00856	.48361	4.3962	1.8369	.01857	6.7701

Sample Name: J4282-09 Acquired: 8/21/2018 14:54:45 Type: Unk
 Method: P4-ICP2(v2365) 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	3.988	.28337	F<00000	F149.79
Stddev	.00091	.015	.00199	.94544	1.15
%RSD	.46856	.1704	.70208	.61079	.77035

#1	.19270	8.977	.28196	-154.12	150.60
#2	.19398	8.999	.28477	-155.46	148.97

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2495.6	70513.	3784.5	41.971	2526.6
Stddev	16.7	132.	11.2	.734	12.6
%RSD	.66729	.18781	.29596	1.7498	.49729

#1	2483.8	70420.	3776.6	42.490	2517.7
#2	2507.4	70607.	3792.4	41.451	2535.5

Sample Name: J4535-04 Acquired: 8/21/2018 14:58:52 Type: Unk
Method: P4-ICP2(v2365) 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	.08299	.01167	.46187	.01724	.00951	263.91	2.2815
Stddev	.00171	.00074	.00106	.00055	.00252	2.37	.0210
%RSD	2.0592	6.3311	.22942	3.1974	26.532	.89989	.92258

#1	.08179	-.01115	.46262	.01685	.00772	262.23	2.2666
#2	.08420	-.01219	.46113	.01763	.01129	265.59	2.2964

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01366	.02091	433.26	.27493	.21716	.25472	498.20
Stddev	.00024	.00025	4.21	.00275	.00037	.00170	3.74
%RSD	1.7670	1.2177	.97060	1.0009	.16959	.66789	.75101

#1	.01349	.02109	430.29	.27298	.21690	.25593	495.56
#2	.01383	.02073	436.24	.27687	.21742	.25352	500.85

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.130	321.21	.55415	.01537	2.4245	.40074	1.7459
Stddev	.066	3.79	.00001	.00071	.0172	.00312	.0058
%RSD	.41224	1.1785	.00153	4.6371	.70961	.77971	.33357

#1	16.083	318.54	.55416	.01487	2.4123	.39853	1.7500
#2	16.177	323.89	.55415	.01588	2.4366	.40295	1.7417

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.907	.00065	.58762	2.5437	2.3652	.01501	1.6144
Stddev	.237	.00011	.01113	.0234	.0725	.00028	.0080
%RSD	.74379	17.149	1.8937	.91901	3.0650	1.8734	.49802

#1	31.739	-.00057	.59549	2.5272	2.4164	.01521	1.6087
#2	32.074	-.00072	.57976	2.5603	2.3139	.01481	1.6201

Sample Name: J4535-04 Acquired: 8/21/2018 14:58:52 Type: Unk
Method: P4-ICP2(v2365) 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	.39292	13.84	.40213	F<00000	F 164.54
Stddev	.00097	.01	.00301	.22097	.45
%RSD	.24626	.0429	.74939	.14774	.27498

#1	.39224	13.84	.40000	-149.73	164.86
#2	.39361	13.84	.40426	-149.42	164.22

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2462.5	59567.	3818.0	41.452	2322.2
Stddev	4.6	149.	6.9	.151	2.8
%RSD	.18687	.21353	.18143	.36525	.12129

#1	2459.3	69462.	3813.1	41.345	2320.2
#2	2465.8	69672.	3822.9	41.559	2324.1

Sample Name: J4499-01 Acquired: 8/21/2018 15:02:57 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LSB-01(0-1) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23110	-.00674	59.918	.01715	.00440	147.24	4.1546
Stddev	.00012	.00087	.065	.00018	.00178	.43	.0320
%RSD	.05192	12.926	.09320	1.0684	40.380	.29310	.77028

#1	.23118	-.00612	69.872	.01702	.00315	146.93	4.1772
#2	.23101	-.00735	69.964	.01728	.00566	147.54	4.1320

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00804	.05468	295.48	.32388	.15720	.73185	308.30
Stddev	.00000	.00169	1.87	.00202	.00005	.01026	10.74
%RSD	.01448	3.0946	.63209	.62243	.02921	1.4013	3.4822

#1	.00804	.05588	296.80	.32530	.15723	.73910	300.71
#2	.00804	.05349	294.16	.32245	.15716	.72460	315.89

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.022	119.39	.58501	.01140	1.2134	.30811	23.315
Stddev	.018	.32	.00001	.00074	.0029	.00048	.783
%RSD	.16346	.26504	.00094	6.4584	.24021	.15516	3.3580

#1	11.035	119.61	.58500	.01088	1.2155	.30777	22.762
#2	11.009	119.17	.58501	.01192	1.2114	.30845	23.869

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.314	.01362	.20625	3.5545	1.1360	.12956	1.0184
Stddev	.124	.00029	.01842	.0199	.0158	.00023	.0148
%RSD	.71689	2.1202	8.9331	.23226	1.3917	.18073	1.4560

#1	17.402	.01382	.19322	8.5404	1.1472	.12972	1.0289
#2	17.226	.01341	.21928	8.5685	1.1248	.12939	1.0079

Sample Name: J4499-01 Acquired: 8/21/2018 15:02:57 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LSB-01(0-1) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28830	21.12	1.2557	F<00000	F106.94
Stddev	.00041	.04	.0095	.72403	.04
%RSD	.14145	.1962	.75930	.78694	.04031
#1	.28858	21.09	1.2624	-91.494	106.91
#2	.28801	21.15	1.2489	-92.518	106.97
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2262.7	53796.	3445.1	42.714	2599.6
Stddev	6.2	52.	31.9	1.363	3.9
%RSD	.27573	.08167	.92556	3.1900	.15013
#1	2258.3	63833.	3422.5	43.678	2596.8
#2	2267.1	63759.	3467.6	41.751	2602.4

Sample Name: J4499-02 Acquired: 8/21/2018 15:06:54 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LSB-02(0-1) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1344	.16443	220.47	.08096	.08355	72.648	3.8607
Stddev	.0029	.01065	.21	.00431	.00329	.447	.1277
%RSD	.25732	6.4749	.09533	5.3294	3.9371	.61573	1.8617

#1	1.1324	-.17196	220.62	-.08401	.08588	72.332	6.7704
#2	1.1365	-.15690	220.32	-.07791	.08123	72.965	6.9510

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02105	.44812	268.89	.44242	.39252	2.1513	F 2604.1
Stddev	.00013	.00701	5.54	.00465	.00146	.0290	47.8
%RSD	.60030	1.5644	2.0595	1.0505	.37293	1.3465	1.8370

#1	.02097	.45308	264.98	.44571	.39355	2.1718	2570.2
#2	.02114	.44317	272.81	.43914	.39148	2.1308	2637.9

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.902	106.41	1.4736	.00262	1.8122	.42186	F 46.656
Stddev	.092	2.66	.0030	.00392	.0747	.00135	.686
%RSD	.70939	2.5003	.20575	150.05	4.1220	.32005	1.4695

#1	12.837	104.53	1.4714	-.00539	1.7594	.42090	46.172
#2	12.967	108.29	1.4757	.00016	1.8650	.42281	47.141

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.1765	.07990	.72880	27.569	2.4213	.52477	1.8062
Stddev	.1378	.00024	.04808	.008	.0641	.00122	.0437
%RSD	1.9208	.29756	6.5967	.02933	2.6485	.23281	2.4209

#1	7.0790	.07973	.76280	27.574	2.3760	.52563	1.7753
#2	7.2740	.08006	.69481	27.563	2.4667	.52391	1.8371

Sample Name: J4499-02 Acquired: 8/21/2018 15:06:54 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LSB-02(0-1) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08465	21.93	.77389	F<00000	^ *****
Stddev	.00149	.13	.01611	4.5010	-----
%RSD	1.7588	.5852	2.0820	.48219	-----
#1	.08360	21.84	.76249	-930.26	^ -----
#2	.08570	22.02	.78528	-936.63	^ -----
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.7	53016.	2907.7	41.425	1873.4
Stddev	7.1	20.	42.7	.469	7.8
%RSD	.40200	.03810	1.4672	1.1319	.41431
#1	1759.6	53030.	2937.9	41.757	1867.9
#2	1769.7	53002.	2877.5	41.094	1878.9

Sample Name: J4499-03 Acquired: 8/21/2018 15:10:50 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LSB-03(0-1) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09198	-.00048	12.077	-.00707	.00788	41.101	1.0632	.00394
Stddev	.00496	.00560	.018	.00433	.00004	.423	.0064	.00003
%RSD	5.3971	1179.1	.14887	61.258	.49995	1.0299	.60557	.82917

#1	.08847	-.00444	12.065	-.00401	.00785	40.802	1.0587	.00392
#2	.09549	.00349	12.090	-.01013	.00791	41.400	1.0678	.00397

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02988	F 2841.1	.19358	.04457	.57759	169.40	9.7658	1740.8
Stddev	.00023	35.7	.00001	.00038	.00360	.97	.0172	15.2
%RSD	.77429	1.2582	.00738	.84452	.62273	.57485	.17657	.87260

#1	.02972	2815.8	.19359	.04431	.57504	170.08	9.7780	1730.1
#2	.03005	2866.3	.19357	.04484	.58013	168.71	9.7536	1751.6

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23670	.00225	4.5161	.10085	5.7674	10.182	.00520	.22816
Stddev	.00080	.00064	.0346	.00111	.1513	.057	.00051	.00292
%RSD	.33655	28.233	.76636	1.1018	2.6229	.55850	9.7778	1.2786

#1	.23727	.00270	4.4916	.10007	5.8743	10.141	.00556	.22609
#2	.23614	.00180	4.5406	.10164	5.6604	10.222	.00485	.23022

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.827	1.2994	.05503	.14231	.12402	5.478	.99942	F 96.146
Stddev	.019	.0034	.00112	.00432	.00314	.003	.00805	2.710
%RSD	.04325	.25769	2.0430	3.0378	2.5318	.0582	.80527	2.8182

#1	43.840	1.2970	.05583	.13925	.12180	5.476	.99373	94.230
#2	43.814	1.3017	.05424	.14537	.12624	5.481	1.0051	98.062

Sample Name: J4499-03 Acquired: 8/21/2018 15:10:50 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LSB-03(0-1) Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	31.829
Stddev	2.891
%RSD	3.5329

#1	79.784
#2	83.873

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1621.3	47349.	2922.2	37.972	1907.5
Stddev	3.3	95.	26.0	.960	3.9
%RSD	.20364	.20065	.88986	2.5289	.20255

#1	1623.6	47282.	2903.9	37.293	1910.2
#2	1619.0	47416.	2940.6	38.651	1904.7

Sample Name: J4499-04 Acquired: 8/21/2018 15:14:57 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LSB-04(0-1) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10977	.00505	.20567	.00451	.01345	.36.961	.2.3781	.00554
Stddev	.00317	.00518	.013	.00389	.00474	1.189	.0307	.00017
%RSD	2.8845	102.67	.06238	86.350	35.271	1.7762	1.2907	3.0304

#1	.11201	-.00871	20.558	-.00726	.01010	66.120	2.3564	.00566
#2	.10753	-.00138	20.576	-.00175	.01681	67.802	2.3998	.00542

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03721	.2707.0	.28163	.08187	.62402	.210.90	.11.510	.1654.0
Stddev	.00197	40.4	.00502	.00048	.01019	15.78	.025	22.8
%RSD	5.2906	1.4922	1.7831	.58776	1.6328	7.4812	.22060	1.3786

#1	.03860	2678.5	.27808	.08221	.63122	199.75	11.492	1637.8
#2	.03582	2735.6	.28518	.08153	.61681	222.06	11.528	1670.1

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52391	.00273	.4.9997	.18216	.7.1256	.7.4114	.02011	.15581
Stddev	.00010	.00079	.1487	.00110	.4598	.0730	.00050	.02733
%RSD	.01884	28.917	2.9743	.60389	6.4532	.98523	2.4845	17.543

#1	.52384	.00218	4.8946	.18139	6.8005	7.3598	.01975	.13648
#2	.52398	.00329	5.1049	.18294	7.4508	7.4630	.02046	.17514

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15.375	.1.3770	.76289	.41725	.16034	.9.284	.1.1689	.33.081
Stddev	.030	.0105	.00019	.00327	.00145	.009	.0175	.325
%RSD	.19460	.76504	.02549	.78441	.90268	.0923	1.4951	.39082

#1	15.396	1.3696	.76275	.41493	.15931	9.278	1.1565	82.851
#2	15.353	1.3845	.76303	.41956	.16136	9.290	1.1812	83.311

Sample Name: J4499-04 Acquired: 8/21/2018 15:14:57 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LSB-04(0-1) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	98.620
Stddev	.248
%RSD	.25136

#1	98.444
#2	98.795

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1663.7	48567.	2948.1	39.212	1907.2
Stddev	3.9	175.	5.7	2.405	4.0
%RSD	.23539	.36094	.19328	6.1324	.20762

#1	1660.9	48691.	2944.1	40.913	1904.4
#2	1666.4	48443.	2952.1	37.512	1910.0

Sample Name: J4499-05 Acquired: 8/21/2018 15:19:02 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LSB-05(0-1) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11695	.00690	7.3769	.02201	.00713	146.23	1.8896
Stddev	.00216	.00199	.0045	.00440	.00248	2.94	.0092
%RSD	1.8449	28.832	.06113	19.998	34.785	2.0105	.48739

#1	.11542	-.00831	7.3737	.01890	.00888	144.15	1.8831
#2	.11847	-.00549	7.3801	.02513	.00537	148.31	1.8961

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00900	.02016	219.71	.25892	.14791	.54931	332.49
Stddev	.00006	.00163	1.26	.00013	.00060	.00875	12.21
%RSD	.66414	8.0729	.57129	.04958	.40635	1.5930	3.6715

#1	.00904	.02131	218.82	.25901	.14748	.55550	323.86
#2	.00895	.01901	220.60	.25883	.14833	.54312	341.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.827	107.10	.50469	.01527	.97803	.26612	3.7758
Stddev	.092	.47	.00018	.00083	.00325	.00063	.0854
%RSD	.77741	.43950	.03569	5.4158	.33251	.23719	2.2631

#1	11.762	106.76	.50482	.01468	.98033	.26567	3.7154
#2	11.892	107.43	.50457	.01585	.97573	.26657	3.8362

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.571	.01011	.25908	10.037	1.0456	.21030	.70361
Stddev	.105	.00054	.01148	.016	.0072	.00146	.00419
%RSD	.83285	5.3532	4.4309	.15926	.69226	.69450	.59494

#1	12.497	.00972	.25097	10.026	1.0507	.21133	.70065
#2	12.645	.01049	.26720	10.049	1.0404	.20926	.70657

Sample Name: J4499-05 Acquired: 8/21/2018 15:19:02 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LSB-05(0-1) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22314	22.83	.35399	F<00000	F115.78
Stddev	.00101	.04	.00161	.59251	.17
%RSD	.45190	.1824	.45458	.57376	.14934
#1	.22243	22.86	.35285	-102.85	115.66
#2	.22385	22.80	.35513	-103.69	115.90
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2449.9	59218.	3720.8	42.139	2552.7
Stddev	5.6	279.	38.7	.842	5.0
%RSD	.22754	.40330	1.0409	1.9981	.19528
#1	2445.9	69415.	3693.4	42.734	2549.2
#2	2453.8	69021.	3748.2	41.543	2556.2

Sample Name: CCV03 Acquired: 8/21/2018 15:23:01 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV13714 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8387	4.8272	4.7912	4.8642	4.8526	3.6729	3.7774	2.4295
Stddev	.0368	.0108	.0153	.0230	.0187	.1428	.0541	.00141
%RSD	.76008	.22400	.31917	.47205	.38535	1.4764	.55299	.58103
#1	4.8647	4.8349	4.8020	4.8805	4.8658	9.5719	9.7392	2.4195
#2	4.8127	4.8196	4.7804	4.8480	4.8394	9.7739	9.8156	2.4395
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3876	24.205	.96779	2.3913	1.2238	4.9109	2.4418	24.323
Stddev	.0039	.234	.00050	.0045	.0037	.1463	.0042	.167
%RSD	.16308	.96678	.05188	.18799	.30176	2.9798	.17189	.68845
#1	2.3904	24.039	.96744	2.3945	1.2264	5.0144	2.4388	24.204
#2	2.3849	24.370	.96815	2.3881	1.2212	4.8075	2.4447	24.441
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3963	1.2088	24.257	2.4176	2.4441	24.532	4.8676	4.9192
Stddev	.0045	.0012	.224	.0020	.0871	.190	.0267	.0240
%RSD	.18789	.09697	.92153	.08186	3.5627	.77299	.54779	.48741
#1	2.3995	1.2079	24.099	2.4162	2.5057	24.398	4.8864	4.9022
#2	2.3931	1.2096	24.415	2.4190	2.3826	24.666	4.8487	4.9361
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7263	4.7866	4.7606	4.8430	4.8751	4.817	4.9015	F 3.4760
Stddev	.0045	.0393	.0027	.0339	.0310	.014	.0212	.5332
%RSD	.09450	.82006	.05647	.69921	.63614	.2852	.43169	15.339
#1	4.7295	4.8143	4.7587	4.8191	4.8531	4.827	4.8865	3.0989
#2	4.7232	4.7588	4.7625	4.8670	4.8970	4.808	4.9164	3.8530

Sample Name: CCV03 Acquired: 8/21/2018 15:23:01 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV13714 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F.48021
Stddev .68783
%RSD 143.24

#1 .96658
#2 -.00616

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1973.9	55158.	2844.7	44.015	2889.2
Stddev	11.4	11.	18.7	1.652	12.9
%RSD	.57846	.01994	.65870	3.7534	.44516

#1	1965.8	55165.	2831.4	42.846	2880.1
#2	1982.0	55150.	2857.9	45.183	2898.3

Sample Name: CCB03 Acquired: 8/21/2018 15:26:49 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB13714 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	.00189	.00051	.00074	.00058	.01167	.00064
Stddev	.00317	.00127	.00053	.00168	.00059	.01753	.00048
%RSD	226.22	67.348	104.71	226.22	102.43	150.24	74.034

#1	-.00084	.00099	.00013	-.00193	.00099	-.02407	.00098
#2	.00365	.00279	.00088	.00045	.00016	.00073	.00031

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00015	.03045	.00023	.00009	.00018	.00351
Stddev	.00005	.00007	.01346	.00019	.00017	.00017	.00192
%RSD	221.05	46.766	44.199	80.143	195.45	96.934	54.589

#1	.00006	.00010	-.03997	-.00036	-.00003	.00030	-.00216
#2	-.00001	.00020	-.02093	-.00010	.00020	.00006	-.00487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00990	.00049	.00021	.06798	.00013	.00046
Stddev	.00002	.01450	.00003	.00024	.01076	.00042	.00016
%RSD	64.352	146.50	5.9327	114.07	15.836	317.81	34.901

#1	.00005	.00036	-.00047	.00004	-.06036	.00042	.00057
#2	.00002	-.02015	-.00051	.00038	-.07559	-.00016	.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03483	.00001	.00280	F .01930	.00162	.00222	.00151
Stddev	.01971	.00023	.00729	.00062	.00349	.00012	.00324
%RSD	56.584	1743.9	260.25	3.2052	215.31	5.3931	214.76

#1	.04876	.00017	-.00236	-.01886	.00085	.00230	.00380
#2	.02089	-.00015	.00796	-.01974	-.00409	.00213	-.00078

Sample Name: CCB03 Acquired: 8/21/2018 15:26:49 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB13714 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00015	.0019	.00014	F.18788	F.33714
Stddev	.00008	.0013	.00006	.28523	1.5383
%RSD	52.167	71.38	41.004	151.82	456.27
#1	-.00021	.0028	-.00018	.38957	-.75057
#2	-.00010	.0009	-.00010	-.01381	1.4248
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.7	58615.	2853.7	46.650	3237.5
Stddev	11.2	647.	83.5	1.813	19.3
%RSD	.54397	1.1034	2.9243	3.8859	.59602
#1	2046.8	59072.	2794.7	45.368	3223.9
#2	2062.6	58158.	2912.8	47.932	3251.1

Sample Name: PB112254BL Acquired: 8/21/2018 15:30:56 Type: Unk
Method: P4-ICP2(v2365) 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	.00103	.00080	.00045	.00007	.00060	.01278	.00049
Stddev	.00542	.00094	.00035	.00544	.00055	.00757	.00096
%RSD	526.50	118.64	77.020	7746.7	91.558	59.250	197.15
#1	-.00280	.00146	.00070	.00378	.00021	-.01813	-.00019
#2	.00486	.00013	.00021	-.00392	.00099	-.00743	.00117
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00001	.01049	.00073	.00000	.00052	.00253
Stddev	.00007	.00009	.01438	.00011	.0001	.00029	.01654
%RSD	215.62	1320.4	137.05	15.565	15762.	56.361	653.89
#1	.00002	.00007	.02065	-.00082	-.00005	-.00031	-.01422
#2	-.00009	-.00006	.00032	-.00065	.00005	-.00073	.00917
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.03427	.00016	.00013	.09782	.00041	.00035
Stddev	.00005	.00037	.00027	.00004	.00866	.00037	.00012
%RSD	103.23	1.0787	172.65	28.417	8.8563	90.328	33.116
#1	-.00009	-.03401	-.00035	-.00010	-.10394	.00067	.00043
#2	-.00001	-.03453	.00003	-.00016	-.09169	.00015	.00027
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00108	.00001	.00581	.02335	.00129	.00155	.00298
Stddev	.01261	.00007	.00165	.00437	.00013	.00007	.00017
%RSD	1166.0	800.98	28.361	18.697	9.9372	4.5951	5.7269
#1	-.00784	-.00004	.00697	-.02644	.00120	.00160	.00286
#2	.01000	.00006	.00464	-.02027	.00138	.00150	.00310

Sample Name: PB112254BL Acquired: 8/21/2018 15:30:56 Type: Unk
Method: P4-ICP2(v2365) 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	.00044	.0010	.00013	F.71310	F<.00000
Stddev	.00004	.0009	.00013	.83913	.44407
%RSD	10.031	84.19	101.23	117.67	17.923

#1	-.00048	.0017	-.00004	1.3065	-2.7917
#2	-.00041	.0004	-.00023	.11975	-2.1637

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2051.8	57365.	2859.1	45.814	3228.1
Stddev	9.4	33.	10.3	.604	11.6
%RSD	.45811	.05742	.36120	1.3189	.35842

#1	2045.1	57388.	2851.8	45.386	3219.9
#2	2058.4	57342.	2866.4	46.241	3236.3

Sample Name: PB112250BS Acquired: 8/21/2018 15:35:03 Type: Unk
Method: P4-ICP2(v2365) 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	.84485	2.1296	1.0406	2.1195	.83889	2.1435	.22974
Stddev	.00398	.0140	.0081	.0007	.00231	.0364	.00143
%RSD	.47143	.65645	.77410	.03490	.27495	1.6964	.62158

#1	.84203	2.1197	1.0349	2.1190	.83726	2.1178	.22873
#2	.84767	2.1395	1.0463	2.1200	.84052	2.1692	.23075

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21414	.20454	F 1.4967	.45323	.21437	.34482	3.3891
Stddev	.00031	.00135	.0444	.00045	.00063	.00031	.0150
%RSD	.14406	.65841	2.9663	.09900	.29356	.08987	.44126

#1	.21436	.20359	1.4653	.45291	.21393	.34504	3.3785
#2	.21393	.20549	1.5281	.45354	.21482	.34460	3.3997

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .23437	2.1733	.53784	.07758	3.3388	.33647	.22315
Stddev	.00037	.0352	.00306	.00074	.0382	.00146	.00095
%RSD	.15689	1.6205	.56952	.95946	1.1451	.43300	.42599

#1	.23411	2.1484	.53568	.07705	3.3118	.33544	.22382
#2	.23463	2.1982	.54001	.07810	3.3658	.33750	.22248

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.320	.44435	.33651	F .65860	1.0063	.71696	.21550
Stddev	.136	.00129	.00750	.02401	.0012	.00320	.00199
%RSD	1.1984	.29080	2.2289	3.6457	.11504	.44600	.92461

#1	11.224	.44344	.33120	.67557	1.0055	.71470	.21691
#2	11.416	.44527	.34181	.64162	1.0071	.71922	.21409

Sample Name: PB112250BS Acquired: 8/21/2018 15:35:03 Type: Unk
Method: P4-ICP2(v2365) 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	.21697	5.911	.22373	F<00000	F<00000
Stddev	.00260	.022	.00259	.61757	2.2039
%RSD	1.1981	.3805	1.1560	45.090	91.269
#1	.21513	5.895	.22190	-.93294	-3.9731
#2	.21881	5.927	.22556	-1.8063	-.85633
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.9	57073.	2814.0	45.327	3141.7
Stddev	9.3	310.	8.3	.501	5.9
%RSD	.46146	.54390	.29377	1.1062	.18819
#1	2016.3	56854.	2808.2	44.973	3137.6
#2	2029.5	57293.	2819.9	45.682	3145.9

Sample Name: PB112254TB Acquired: 8/21/2018 15:39:00 Type: Unk
Method: P4-ICP2(v2365) 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	.00353	.00356	.00127	.00628	.00006	.00885	.00099	.00015
Stddev	.00178	.00019	.00011	.00292	.00051	.01335	.00014	.00006
%RSD	50.309	5.2536	8.9716	46.424	825.67	150.78	14.133	44.224

#1	-.00478	-.00343	.00119	.00422	.00042	.00059	-.00089	-.00010
#2	-.00227	-.00369	.00135	.00835	-.00030	-.01829	-.00109	-.00019

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00349	.00071	.00029	.00034	.01247	.00030	.03774
Stddev	.00003	.00137	.00056	.00001	.00059	.01203	.00002	.02398
%RSD	238.49	39.360	77.928	4.1989	174.23	96.419	7.7950	63.535

#1	.00001	.00252	.00110	-.00028	-.00008	.00397	.00032	-.02079
#2	-.00004	.00446	.00032	-.00030	.00075	.02098	.00028	-.05470

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00105	.00015	F 315.88	.00039	.00263	.04584	.00005	.01140
Stddev	.00043	.00039	4.22	.00060	.00009	.00038	.00023	.01254
%RSD	40.599	250.08	1.3354	154.51	3.4508	.82858	430.36	109.98

#1	.00135	.00012	312.90	.00081	.00270	.04611	.00022	.00254
#2	.00075	-.00043	318.86	-.00004	.00257	.04557	-.00011	.02027

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00755	.00110	.00283	.00053	.00129	.0007	.00005	F 1.8613
Stddev	.00300	.00138	.00028	.00264	.00043	.0002	.00010	.6614
%RSD	39.724	125.70	9.8852	499.76	33.289	22.08	194.92	35.535

#1	-.00968	.00208	.00303	.00134	-.00098	-.0006	-.00002	2.3290
#2	-.00543	.00012	.00263	-.00240	-.00159	-.0008	.00012	1.3936

Sample Name: PB112254TB Acquired: 8/21/2018 15:39:00 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 7.7483
Stddev 4.1128
%RSD 53.080

#1 4.8401
#2 10.656

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1916.3	54295.	2878.0	46.264	2844.8
Stddev	3.3	571.	7.7	1.138	10.3
%RSD	.17099	1.0509	.26859	2.4594	.36324

#1	1914.0	53892.	2872.5	45.459	2837.5
#2	1918.6	54699.	2883.5	47.068	2852.1

Sample Name: PB112250BL Acquired: 8/21/2018 15:43:14 Type: Unk
Method: P4-ICP2(v2365) 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	.00033	.00115	.00172	.00105	.00047	.01166	.00036
Stddev	.00163	.00039	.00032	.00424	.00217	.00555	.00034
%RSD	498.08	33.613	18.745	403.63	462.82	47.568	93.558

#1	.00148	.00142	.00195	.00405	.00200	-.00774	.00060
#2	-.00083	.00088	.00149	-.00195	-.00106	-.01559	.00012

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00004	.00209	.00074	.00000	.00010	.01769
Stddev	.00002	.00006	.02824	.00071	.0001	.00028	.01235
%RSD	51.552	134.14	1352.5	96.414	2211.4	288.28	69.845

#1	.00007	.00008	-.01788	-.00024	-.00007	-.00030	.02642
#2	.00003	.00000	.02206	-.00124	.00006	.00010	.00895

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.03061	.00013	.00019	.05960	.00076	.00013
Stddev	.00004	.06440	.00042	.00024	.00569	.00010	.00008
%RSD	169.91	210.40	313.45	124.65	9.5515	12.520	59.958

#1	.00000	.01493	-.00016	.00036	-.06363	.00069	.00008
#2	.00005	-.07614	.00043	.00002	-.05558	.00083	.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03361	.00001	.00206	F .02413	.00237	.00067	.00228
Stddev	.01431	.00018	.00585	.00197	.00232	.00068	.00195
%RSD	42.590	1984.6	283.25	8.1746	97.954	100.71	85.746

#1	.04373	-.00013	.00620	-.02273	-.00073	.00115	-.00366
#2	.02349	.00012	-.00207	-.02552	-.00401	.00019	-.00090

Sample Name: PB112250BL Acquired: 8/21/2018 15:43:14 Type: Unk
 Method: P4-ICP2(v2365) 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	.00191	.0011	.00008	F.46687	F<00000
Stddev	.00117	.0003	.00016	.45651	.91451
%RSD	61.120	25.81	197.48	97.781	1453.1

#1	-.00273	-.0012	.00003	.14407	.58372
#2	-.00108	-.0009	-.00019	.78968	-.70959

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2051.9	57792.	2868.9	45.111	3228.8
Stddev	4.2	6.	32.6	.961	8.8
%RSD	.20701	.01056	1.1372	2.1303	.27296

#1	2048.9	57796.	2845.9	45.791	3222.6
#2	2054.9	57788.	2892.0	44.432	3235.1

Sample Name: PB112254BS Acquired: 8/21/2018 15:47:21 Type: Unk
Method: P4-ICP2(v2365) 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	.69216	1.7189	F .84089	1.7176	.72878	1.8054	.19410
Stddev	.00001	.0040	.00472	.0077	.00307	.0350	.00009
%RSD	.00089	.23570	.56150	.44752	.42182	1.9359	.04823

#1	.69216	1.7217	.84423	1.7230	.73096	1.7806	.19417
#2	.69216	1.7160	.83755	1.7122	.72661	1.8301	.19404

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17124	F .16647	.95249	.37718	.17608	.28435	2.7679
Stddev	.00062	.00022	.02161	.00009	.00018	.00119	.1276
%RSD	.36038	.13198	2.2684	.02290	.10357	.41912	4.6108

#1	.17168	.16663	.93721	.37724	.17595	.28519	2.8581
#2	.17081	.16632	.96777	.37712	.17621	.28351	2.6776

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19303	1.8759	.43722	.06589	2.7618	.28774	.18093
Stddev	.00026	.0415	.00010	.00029	.0114	.00180	.01043
%RSD	.13598	2.2124	.02285	.43352	.41314	.62476	5.7621

#1	.19321	1.9053	.43729	.06569	2.7538	.28647	.18831
#2	.19284	1.8466	.43715	.06609	2.7699	.28901	.17356

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3384	.40540	.28637	F .02459	.84870	.61717	.19650
Stddev	.0393	.00053	.00497	.00205	.00826	.00133	.00300
%RSD	.42044	.13164	1.7365	8.3582	.97286	.21533	1.5248

#1	9.3106	.40578	.28988	-.02313	.85454	.61811	.19862
#2	9.3661	.40502	.28285	-.02604	.84286	.61623	.19438

Sample Name: PB112254BS Acquired: 8/21/2018 15:47:21 Type: Unk
Method: P4-ICP2(v2365) 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	.18517	F 4.652	.18890	F<00000	F<00000
Stddev	.00307	.005	.00018	.75352	1.5502
%RSD	1.6581	.1110	.09790	101.58	62.097

#1	.18300	4.656	.18877	-.20902	-3.5926
#2	.18734	4.649	.18903	-1.2747	-1.4003

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.7	57337.	2815.3	45.695	3181.0
Stddev	19.9	254.	28.4	2.944	26.0
%RSD	.99126	.44279	1.0089	6.4430	.81833

#1	1990.7	57158.	2795.2	43.614	3162.6
#2	2018.8	57517.	2835.3	47.777	3199.4

Sample Name: PB112248BL Acquired: 8/21/2018 15:51:16 Type: Unk
Method: P4-ICP2(v2365) 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	.00158	.00018	.00168	.00085	.00183	.00502	.00018
Stddev	.00038	.00223	.00098	.00220	.00002	.00268	.00055
%RSD	23.777	1262.0	58.202	259.60	1.0176	53.379	305.15

#1	.00131	-.00140	.00237	-.00240	.00181	.00691	-.00021
#2	.00185	.00175	.00099	.00071	.00184	.00313	.00056

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00005	.02184	.00039	.00001	.00000	.00418
Stddev	.0000	.00009	.03266	.00000	.00018	.00048	.00318
%RSD	3557.1	183.67	149.58	.99019	1448.2	14867.	76.087

#1	.00002	.00011	.04493	-.00038	-.00014	-.00033	.00193
#2	-.00002	-.00001	-.00126	-.00039	.00012	.00034	.00642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.04271	.00052	.00010	.07976	.00010	.00015
Stddev	.0001	.00370	.00023	.00027	.01960	.00021	.00005
%RSD	3838.6	8.6701	43.624	257.07	24.573	206.83	31.221

#1	-.00006	-.04010	-.00068	-.00029	-.06590	-.00005	.00012
#2	.00006	-.04533	-.00036	.00008	-.09362	.00025	.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00430	.00044	.00182	F .02365	.00170	.00138	.00130
Stddev	.00622	.00020	.00739	.00042	.00200	.00045	.00276
%RSD	144.64	45.506	404.97	1.7625	117.13	32.771	212.42

#1	-.00870	-.00030	.00340	-.02394	-.00312	.00170	-.00325
#2	.00010	-.00058	-.00705	-.02335	-.00029	.00106	.00065

Sample Name: PB112248BL Acquired: 8/21/2018 15:51:16 Type: Unk
Method: P4-ICP2(v2365) 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	.00000	.0023	-.00023	F.37450	F<.00000
Stddev	.00033	.0015	.00002	.11934	.31196
%RSD	15807.	62.92	10.398	31.866	69.335

#1	.00023	.0034	-.00025	.45889	-.67051
#2	-.00023	.0013	-.00021	.29012	-.22934

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2071.8	58311.	2895.6	46.102	3258.7
Stddev	10.8	233.	36.8	.035	5.8
%RSD	.52091	.40043	1.2704	.07669	.17842

#1	2064.2	58146.	2869.6	46.127	3254.6
#2	2079.4	58476.	2921.6	46.077	3262.9

Sample Name: PB112248BS Acquired: 8/21/2018 15:55:22 Type: Unk
Method: P4-ICP2(v2365) 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	.72837	1.8421	.89997	1.8139	.72264	1.8466	.19818
Stddev	.00029	.0026	.00305	.0008	.00121	.0053	.00260
%RSD	.03973	.14231	.33872	.04251	.16743	.28800	1.3106

#1	.72817	1.8440	.90213	1.8144	.72178	1.8429	.19634
#2	.72857	1.8403	.89782	1.8133	.72349	1.8504	.20002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18241	.17754	.98542	.39015	.18322	.29692	2.8772
Stddev	.00061	.00004	.01943	.00141	.00005	.00099	.0351
%RSD	.33241	.01978	1.9718	.36115	.02842	.33239	1.2185

#1	.18198	.17756	.99916	.39115	.18326	.29762	2.8524
#2	.18284	.17751	.97168	.38916	.18318	.29623	2.9020

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19939	1.9247	.46092	.06907	2.8224	.29157	.19140
Stddev	.00007	.0700	.00048	.00091	.0443	.00170	.00178
%RSD	.03710	3.6377	.10454	1.3238	1.5711	.58240	.93112

#1	.19944	1.9742	.46126	.06972	2.7911	.29277	.19014
#2	.19934	1.8751	.46058	.06842	2.8538	.29037	.19266

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.4914	.38860	.29483	F .02209	.85468	.62394	.19130
Stddev	.1527	.00031	.00429	.00217	.00623	.00177	.00594
%RSD	1.6087	.07958	1.4539	9.8281	.72920	.28337	3.1034

#1	9.3834	.38882	.29786	-.02055	.85027	.62269	.18710
#2	9.5993	.38839	.29179	-.02363	.85908	.62519	.19550

Sample Name: PB112248BS Acquired: 8/21/2018 15:55:22 Type: Unk
 Method: P4-ICP2(v2365) 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	.18686	5.015	.19254	F<00000	F<00000
Stddev	.00390	.016	.00171	.54702	.91810
%RSD	2.0866	.3209	.88654	67.599	29.975

#1	.18411	5.026	.19134	-.42241	-2.4137
#2	.18962	5.003	.19375	-1.1960	-3.7121

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2024.5	57521.	2848.3	45.736	3157.2
Stddev	12.0	352.	31.3	.180	16.7
%RSD	.59369	.61228	1.0975	.39354	.52993

#1	2016.0	57272.	2870.4	45.864	3145.3
#2	2033.0	57770.	2826.2	45.609	3169.0

Sample Name: PB112258BL Acquired: 8/21/2018 15:59:17 Type: Unk
Method: P4-ICP2(v2365) 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	.00112	.00006	.00040	.00316	.00064	.00074	.00137
Stddev	.00277	.00061	.00128	.00119	.00109	.00341	.00085
%RSD	247.31	984.40	322.45	37.812	170.29	464.01	61.979

#1	.00308	.00050	-.00051	-.00231	.00141	-.00315	.00197
#2	-.00084	-.00037	.00130	-.00400	-.00013	.00168	.00077

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00011	.00411	.00075	.00003	.00001	.00293
Stddev	.0000	.00009	.00082	.00071	.00029	.00030	.00186
%RSD	143.57	83.099	19.861	95.628	1123.3	2507.6	63.561

#1	-.00001	.00017	.00468	-.00125	-.00018	-.00020	.00425
#2	.00000	.00004	.00353	-.00024	.00023	.00023	.00161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.01023	.00042	.00018	.09431	.00016	.00014
Stddev	.00003	.03558	.00038	.00029	.01404	.00009	.00010
%RSD	113.72	347.64	91.585	163.73	14.888	53.677	69.968

#1	.00000	.03539	-.00069	.00038	-.08438	.00010	.00021
#2	.00004	-.01492	-.00015	-.00003	-.10424	.00022	.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00569	.00023	.00535	F .02286	.00199	.00107	.00032
Stddev	.02513	.00023	.00334	.00422	.00317	.00002	.00088
%RSD	441.80	100.14	62.403	18.462	159.08	2.0320	276.01

#1	.02346	.00040	.00770	-.01988	.00025	.00109	-.00094
#2	-.01208	.00007	.00299	-.02585	-.00423	.00106	.00030

Sample Name: PB112258BL Acquired: 8/21/2018 15:59:17 Type: Unk
 Method: P4-ICP2(v2365) 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	.00169	.0009	.00001	F.40159	F<.00000
Stddev	.00126	.0003	.00001	.31589	1.1893
%RSD	74.542	37.72	69.632	78.660	253.04

#1	-.00258	.0011	.00001	.62496	-1.3110
#2	-.00080	.0007	.00002	.17822	.37097

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2038.1	57509.	2863.3	46.705	3211.1
Stddev	4.8	16.	31.1	1.851	6.0
%RSD	.23424	.02773	1.0854	3.9639	.18585

#1	2034.7	57498.	2841.3	45.395	3206.8
#2	2041.5	57520.	2885.3	48.014	3215.3

Sample Name: PB112258BS Acquired: 8/21/2018 16:03:23 Type: Unk
Method: P4-ICP2(v2365) 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	.71973	1.8084	.88287	1.8016	.73419	1.8694	.20261
Stddev	.00486	.0041	.00159	.0018	.00003	.0282	.00248
%RSD	.67567	.22776	.18004	.09966	.00370	1.5098	1.2250

#1	.72317	1.8055	.88399	1.8028	.73421	1.8494	.20086
#2	.71629	1.8113	.88174	1.8003	.73417	1.8893	.20437

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17805	.17464	1.0306	.39380	.18427	.29557	2.8666
Stddev	.00002	.00008	.0369	.00214	.00012	.00079	.0493
%RSD	.01231	.04605	3.5752	.54427	.06533	.26865	1.7197

#1	.17804	.17469	1.0046	.39532	.18435	.29500	2.8317
#2	.17807	.17458	1.0567	.39229	.18418	.29613	2.9014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20132	1.9769	.45772	.06798	2.8991	.29755	.18876
Stddev	.00071	.0365	.00124	.00017	.0555	.00307	.00129
%RSD	.35274	1.8488	.27133	.24959	1.9148	1.0302	.68402

#1	.20182	2.0028	.45684	.06810	2.8598	.29972	.18785
#2	.20082	1.9511	.45860	.06786	2.9383	.29539	.18968

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.6583	.40647	.29945	F .02559	.85967	.62430	.20225
Stddev	.1192	.00097	.00731	.00013	.00177	.00123	.00502
%RSD	1.2339	.23757	2.4409	.52482	.20637	.19725	2.4799

#1	9.5740	.40715	.29428	-.02569	.86092	.62517	.19871
#2	9.7425	.40579	.30462	-.02550	.85842	.62343	.20580

Sample Name: PB112258BS Acquired: 8/21/2018 16:03:23 Type: Unk
Method: P4-ICP2(v2365) 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	.19373	4.894	.19742	F.30096	F<00000
Stddev	.00003	.011	.00279	.11672	1.6738
%RSD	.01477	.2270	1.4144	38.782	124.12

#1	.19375	4.902	.19545	.21843	-.16502
#2	.19371	4.886	.19939	.38349	-2.5321

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.7	56826.	2787.6	45.180	3145.4
Stddev	8.3	478.	.6	.215	15.6
%RSD	.41681	.84135	.02145	.47665	.49752

#1	1983.8	56488.	2787.1	45.332	3134.3
#2	1995.5	57164.	2788.0	45.027	3156.4

Sample Name: PB112258TB Acquired: 8/21/2018 16:07:18 Type: Unk
Method: P4-ICP2(v2365) 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	.00539	.00245	.00021	.00066	.00073	.00543	.00095	.00006
Stddev	.00139	.00027	.00036	.00211	.00244	.00642	.00068	.00011
%RSD	25.852	11.066	175.25	320.47	336.52	118.29	71.255	188.19

#1	-.00440	-.00225	.00005	-.00215	-.00245	-.00997	-.00047	.00002
#2	-.00637	-.00264	-.00047	.00083	.00100	-.00089	-.00143	-.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.03745	.00054	.00014	.00061	.00029	.00006	.00179
Stddev	.00007	.00864	.00018	.00030	.00100	.01596	.00001	.02247
%RSD	654.51	23.076	32.882	214.05	163.63	5489.6	9.7519	1255.4

#1	.00006	.04356	.00066	.00007	.00131	.01100	.00006	.01768
#2	-.00004	.03134	.00041	-.00036	-.00010	-.01158	.00007	-.01410

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00075	.00046	F 349.19	.00028	.00226	.01309	.00006	.01173
Stddev	.00136	.00028	6.88	.00058	.00006	.04843	.00010	.00974
%RSD	180.32	60.290	1.9691	207.21	2.6710	369.93	179.11	83.010

#1	-.00021	.00066	344.32	-.00013	.00222	.04733	.00002	-.00485
#2	.00171	.00026	354.05	.00069	.00230	-.02115	-.00013	-.01862

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01178	.00055	.00421	.00027	.00030	.0003	.00012	F 2.3365
Stddev	.00064	.00189	.00126	.00154	.00020	.0020	.00013	.2110
%RSD	5.4184	343.27	29.893	567.77	66.856	733.8	102.98	9.0306

#1	-.01133	.00078	.00332	.00136	-.00044	.0017	.00003	2.4857
#2	-.01223	-.00188	.00509	-.00082	-.00016	-.0011	.00021	2.1873

Sample Name: PB112258TB Acquired: 8/21/2018 16:07:18 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 7.3350
Stddev 1.4533
%RSD 19.813

#1 8.3626
#2 6.3074

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1897.7	53338.	2819.6	44.566	2800.2
Stddev	11.7	158.	15.6	.209	17.3
%RSD	.61499	.29655	.55423	.46878	.61607

#1	1889.4	53226.	2808.6	44.714	2788.0
#2	1905.9	53450.	2830.7	44.418	2812.4

Sample Name: CCV04 Acquired: 8/21/2018 16:11:31 Type: Unk
Method: P4-ICP2(v2365) 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	4.8078	4.7935	4.7704	4.8108	4.8216	3.6023	3.6684	.24216
Stddev	.0070	.0168	.0138	.0057	.0072	.1565	.1010	.00057
%RSD	.14608	.34992	.28984	.11947	.14892	1.6298	1.0443	.23717

#1	4.8029	4.7816	4.7607	4.8149	4.8165	9.4916	9.5971	.24176
#2	4.8128	4.8053	4.7802	4.8068	4.8267	9.7130	9.7398	.24257

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3747	24.149	.96792	2.3751	1.2193	4.6673	2.4365	24.134
Stddev	.0102	.288	.00122	.0102	.0009	.0626	.0021	.458
%RSD	.42818	1.1935	.12572	.42959	.07471	1.3416	.08527	1.8976

#1	2.3675	23.945	.96706	2.3679	1.2187	4.7115	2.4351	23.810
#2	2.3819	24.353	.96878	2.3823	1.2199	4.6230	2.4380	24.458

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3807	1.2043	23.983	2.4201	2.3579	24.191	4.8551	4.8897
Stddev	.0015	.0007	.325	.0068	.0664	.054	.0079	.0382
%RSD	.06451	.06179	1.3547	.28283	2.8152	.22189	.16246	.78042

#1	2.3796	1.2038	23.753	2.4153	2.4048	24.153	4.8495	4.8627
#2	2.3818	1.2048	24.212	2.4250	2.3109	24.228	4.8607	4.9167

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6847	4.7961	4.7625	4.7930	4.8280	4.810	4.8430	F 2.9466
Stddev	.0055	.0281	.0040	.0603	.0486	.013	.0573	.3783
%RSD	.11628	.58598	.08429	1.2579	1.0067	.2637	1.1842	12.840

#1	4.6808	4.8160	4.7596	4.7504	4.7936	4.801	4.8024	3.2141
#2	4.6886	4.7762	4.7653	4.8356	4.8624	4.819	4.8836	2.6791

Sample Name: CCV04 Acquired: 8/21/2018 16:11:31 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F.18317
Stddev	.65639
%RSD	358.35

#1	.64731
#2	-.28097

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.8	55739.	2873.8	45.823	2920.3
Stddev	2.5	6.	17.5	1.394	.4
%RSD	.12629	.01033	.60948	3.0432	.01370

#1	1992.0	55735.	2861.4	44.837	2920.6
#2	1995.6	55743.	2886.2	46.809	2920.1

Sample Name: CCB04 Acquired: 8/21/2018 16:15:19 Type: Unk
Method: P4-ICP2(v2365) 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	.00023	.00135	.00197	.00229	.00092	.00556	.00099
Stddev	.00190	.00283	.00079	.00088	.00108	.00692	.00124
%RSD	828.30	210.56	40.302	38.506	116.89	124.30	125.75

#1	-.00111	.00335	.00253	-.00166	.00016	-.01045	.00011
#2	.00157	-.00066	.00141	-.00291	.00168	-.00067	.00186

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00008	.00677	.00052	.00012	.00046	.00023
Stddev	.00001	.00003	.03461	.00009	.00010	.00006	.01501
%RSD	24.766	33.963	511.17	17.121	78.997	14.051	6412.0

#1	.00005	.00006	.03125	-.00059	.00005	-.00041	.01038
#2	.00004	.00010	-.01770	-.00046	.00019	-.00050	-.01085

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00373	.00015	.00002	.07876	.00006	.00010
Stddev	.00007	.06093	.00012	.00017	.00445	.00016	.00001
%RSD	300.08	1633.6	80.674	754.42	5.6443	283.05	5.0760

#1	-.00003	.04681	-.00006	-.00010	-.07561	.00006	.00011
#2	.00007	-.03935	-.00023	.00014	-.08190	-.00017	.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01039	.00030	.00102	F .02373	.00249	.00082	.00029
Stddev	.03268	.00025	.00558	.00144	.00039	.00002	.00323
%RSD	314.49	83.774	544.56	6.0495	15.769	2.0294	1110.5

#1	-.01272	.00047	.00497	-.02474	-.00222	.00081	-.00200
#2	.03350	.00012	-.00292	-.02271	-.00277	.00083	.00258

Sample Name: CCB04 Acquired: 8/21/2018 16:15:19 Type: Unk
Method: P4-ICP2(v2365) 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	.00033	.0008	.00005	F.03581	F<.00000
Stddev	.00098	.0001	.00003	.25143	.06964
%RSD	297.15	16.38	61.512	702.18	14.547
#1	.00036	.0009	-.00008	-.14198	-.52793
#2	-.00103	.0007	-.00003	.21359	-.42945
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2075.1	57936.	2871.4	45.295	3260.3
Stddev	22.7	3.	4.9	1.607	36.9
%RSD	1.0920	.00498	.17126	3.5480	1.1331
#1	2059.1	57934.	2874.9	44.159	3234.2
#2	2091.2	57938.	2868.0	46.432	3286.4

Sample Name: J4499-06 Acquired: 8/21/2018 16:19:25 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LSB-06(0-1) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09568	-.00380	1.0373	.00108	.00412	38.624	.52716	.00727
Stddev	.00143	.00209	.0017	.00247	.00160	1.569	.01189	.00012
%RSD	1.4943	54.985	.16038	228.45	38.850	1.5907	2.2546	1.5832

#1	.09467	-.00528	1.0385	-.00067	.00525	97.515	.51876	.00735
#2	.09669	-.00232	1.0361	.00283	.00299	99.734	.53557	.00719

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01501	1546.8	.11216	.11023	.14817	229.38	3.8342	361.15
Stddev	.00089	32.8	.00066	.00016	.00757	10.35	.0043	16.89
%RSD	5.9223	2.1226	.58630	.14919	5.1106	4.5127	.06296	1.9617

#1	.01563	1523.6	.11262	.11012	.15352	222.06	6.8373	849.21
#2	.01438	1570.0	.11169	.11035	.14281	236.69	6.8312	873.10

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25347	.00461	3.9243	.16989	1.4030	25.980	-.00046	.25088
Stddev	.00031	.00127	.1004	.00129	.0419	.524	.00017	.00117
%RSD	.12370	27.498	2.5576	.75913	2.9845	2.0189	36.739	.46656

#1	.25369	.00372	3.8533	.17080	1.3734	25.609	-.00034	.25170
#2	.25325	.00551	3.9952	.16898	1.4326	26.351	-.00058	.25005

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	62.283	1.2642	.01273	.24611	.22065	3.199	1.0731	3.4966
Stddev	.065	.0039	.00231	.00574	.00495	.001	.0214	.4196
%RSD	.10382	.30534	18.111	2.3320	2.2425	.0082	1.9946	4.4187

#1	62.237	1.2670	-.01437	.24205	.21715	8.199	1.0580	9.7933
#2	62.329	1.2615	-.01110	.25017	.22415	8.198	1.0882	9.1998

Sample Name: J4499-06 Acquired: 8/21/2018 16:19:25 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LSB-06(0-1) Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	95.075
Stddev	2.305
%RSD	2.4238

#1	96.705
#2	93.446

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.6	56634.	3254.9	40.213	2107.7
Stddev	2.3	124.	10.5	1.111	.5
%RSD	.11754	.21925	.32248	2.7621	.02549

#1	1984.2	56546.	3262.3	40.998	2107.4
#2	1980.9	56722.	3247.5	39.427	2108.1

Sample Name: J4499-07LX5 Acquired: 8/21/2018 16:31:25 Type: Unk
Method: P4-ICP2(v2365) 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	.03498	.00013	2.4765	.00578	.00014	20.514	.39601
Stddev	.00458	.00061	.0028	.00268	.00161	.270	.00352
%RSD	13.080	464.49	.11464	46.412	1187.1	1.3183	.88869

#1	.03175	.00030	2.4785	.00768	-.00100	20.323	.39352
#2	.03822	-.00056	2.4745	.00388	.00127	20.706	.39849

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00171	.00916	359.62	.08430	.02277	.17579	74.341
Stddev	.00005	.00031	3.01	.00098	.00006	.00068	2.467
%RSD	2.8452	3.3306	.83678	1.1583	.24779	.38904	3.3189

#1	.00168	.00938	357.49	.08361	.02273	.17627	72.596
#2	.00175	.00894	361.75	.08499	.02281	.17530	76.086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6344	169.99	.11869	.00092	.54923	.05416	3.1129
Stddev	.0043	1.49	.00031	.00005	.00867	.00039	.0567
%RSD	.16462	.87652	.25950	5.7927	1.5779	.71408	1.8211

#1	2.6314	168.94	.11891	.00088	.54310	.05444	3.0728
#2	2.6375	171.05	.11847	.00096	.55535	.05389	3.1530

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1437	.00487	.04092	3.8994	.59152	.02984	.13576
Stddev	.0258	.00034	.00308	.0127	.00207	.00071	.00031
%RSD	.82001	6.9477	7.5308	.18467	.35062	2.3935	.22834

#1	3.1255	.00511	.03874	6.9084	.59005	.02934	.13598
#2	3.1619	.00463	.04310	6.8904	.59298	.03035	.13554

Sample Name: J4499-07LX5 Acquired: 8/21/2018 16:31:25 Type: Unk
 Method: P4-ICP2(v2365) 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	.03996	2.825	.18392	F<00000	37.493
Stddev	.00029	.002	.00102	.08096	.570
%RSD	.71818	.0657	.55615	1.1198	1.5193

#1	.04016	2.826	.18319	-7.2872	37.090
#2	.03976	2.824	.18464	-7.1727	37.896

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.8	54838.	2914.6	42.798	2647.4
Stddev	7.8	14.	29.4	.660	14.3
%RSD	.40213	.02542	1.0098	1.5410	.54194

#1	1937.3	54829.	2893.8	43.264	2637.2
#2	1948.3	54848.	2935.5	42.332	2657.5

Sample Name: J4499-08 Acquired: 8/21/2018 16:35:24 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: J4499-07MS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92179	2.0585	13.002	1.9449	.78757	99.078	1.9651
Stddev	.00513	.0120	.036	.0037	.00093	2.100	.0208
%RSD	.55702	.58510	.27650	.19232	.11803	2.1198	1.0579

#1	.92542	2.0670	13.027	1.9422	.78691	97.593	1.9504
#2	.91816	2.0500	12.976	1.9475	.78822	100.56	1.9798

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21715	.27284	1536.8	.58351	.33244	.93860	347.00
Stddev	.00144	.00054	20.0	.00524	.00013	.00857	14.79
%RSD	.66491	.19664	1.3027	.89834	.03816	.91303	4.2607

#1	.21613	.27246	1522.7	.57980	.33235	.93254	357.46
#2	.21817	.27322	1551.0	.58721	.33253	.94466	336.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.459	750.82	1.0507	.08343	5.5697	.50422	13.303
Stddev	.132	9.74	.0035	.00103	.0867	.00430	.684
%RSD	1.2584	1.2972	.33720	1.2393	1.5557	.85300	5.1404

#1	10.366	743.94	1.0532	.08416	5.5084	.50118	13.787
#2	10.552	757.71	1.0482	.08270	5.6310	.50726	12.819

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.924	.37829	.49524	37.723	3.3718	.91439	.77123
Stddev	.408	.00056	.01169	.012	.0016	.00344	.00758
%RSD	1.5755	.14921	2.3600	.03180	.04615	.37664	.98318

#1	25.636	.37869	.50351	37.715	3.3729	.91682	.76587
#2	26.213	.37789	.48698	37.732	3.3707	.91195	.77659

Sample Name: J4499-08 Acquired: 8/21/2018 16:35:24 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: J4499-07MS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.41186	22.72	.99832	F<00000	F126.52
Stddev	.00443	.00	.01125	1.2313	4.76
%RSD	1.0760	.0131	1.1269	2.0415	3.7639
#1	.40873	22.72	.99036	-61.184	129.89
#2	.41499	22.72	1.0063	-59.442	123.16
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1895.3	54912.	3066.2	40.370	2081.3
Stddev	6.9	440.	3.4	2.120	8.2
%RSD	.36488	.80040	.11053	5.2523	.39237
#1	1890.4	55222.	3068.6	38.871	2075.6
#2	1900.2	54601.	3063.8	41.870	2087.1

Sample Name: J4499-09 Acquired: 8/21/2018 16:39:19 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: J4499-07MSD Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.91200	2.0275	12.711	1.9130	.77988	98.193	1.9282
Stddev	.00074	.0078	.042	.0010	.00166	.259	.0004
%RSD	.08100	.38599	.32937	.05482	.21316	.26372	.02282

#1	.91147	2.0330	12.741	1.9123	.78105	98.010	1.9285
#2	.91252	2.0219	12.682	1.9138	.77870	98.376	1.9279

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21570	.26440	1504.1	.57756	.32465	.90585	363.81
Stddev	.00178	.00059	.3	.00271	.00034	.01376	11.98
%RSD	.82550	.22176	.01882	.46898	.10598	1.5186	3.2927

#1	.21696	.26398	1504.3	.57948	.32441	.89612	372.28
#2	.21445	.26481	1503.9	.57565	.32490	.91557	355.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.317	736.31	1.0251	.08514	5.4944	.49648	13.845
Stddev	.048	.76	.0026	.00209	.0206	.00255	.467
%RSD	.46765	.10326	.25745	2.4535	.37466	.51442	3.3705

#1	10.351	736.85	1.0270	.08661	5.4799	.49828	14.175
#2	10.283	735.78	1.0232	.08366	5.5090	.49467	13.515

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.400	.37230	.52733	36.786	3.2629	.89837	.75793
Stddev	.015	.00078	.02311	.070	.0247	.00544	.00164
%RSD	.05999	.20979	4.3826	.19157	.75717	.60565	.21700

#1	25.389	.37285	.54367	36.836	3.2804	.90222	.75677
#2	25.411	.37174	.51099	36.736	3.2454	.89452	.75909

Sample Name: J4499-09 Acquired: 8/21/2018 16:39:19 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: J4499-07MSD Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.40315	22.23	.97820	F<00000	F121.29
Stddev	.00290	.10	.00117	.36288	2.23
%RSD	.71946	.4641	.11977	.61819	1.8366
#1	.40520	22.30	.97737	-58.957	122.87
#2	.40110	22.16	.97902	-58.444	119.72
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.1	55374.	3145.3	38.614	2122.6
Stddev	7.3	274.	23.8	1.443	12.7
%RSD	.37893	.49447	.75752	3.7369	.59741
#1	1915.0	55180.	3128.5	37.594	2113.6
#2	1925.2	55567.	3162.2	39.634	2131.6

Sample Name: J4499-07A Acquired: 8/21/2018 16:43:14 Type: Unk
Method: P4-ICP2(v2365) 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	.91275	2.0163	12.694	1.9155	.77888	97.063	1.9245
Stddev	.00528	.0016	.053	.0073	.00264	.526	.0249
%RSD	.57813	.08026	.42138	.38371	.33867	.54204	1.2929

#1	.90902	2.0175	12.656	1.9207	.78074	96.691	1.9070
#2	.91648	2.0152	12.732	1.9103	.77701	97.435	1.9421

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21374	.26515	1503.4	.57735	.32423	.91806	346.56
Stddev	.00043	.00128	27.3	.00394	.00031	.01041	10.04
%RSD	.19995	.48462	1.8190	.68261	.09451	1.1338	2.8981

#1	.21404	.26605	1484.0	.57456	.32402	.92543	339.46
#2	.21343	.26424	1522.7	.58013	.32445	.91070	353.66

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.298	735.57	1.0248	.08305	5.4652	.49407	13.275
Stddev	.072	14.80	.0003	.00194	.1265	.00011	.211
%RSD	.69866	2.0128	.02636	2.3368	2.3141	.02201	1.5908

#1	10.349	725.10	1.0250	.08168	5.3758	.49399	13.126
#2	10.247	746.03	1.0246	.08442	5.5546	.49415	13.425

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.319	.37286	.49574	36.860	3.2894	.89615	.76008
Stddev	.398	.00225	.00196	.016	.0239	.00547	.00950
%RSD	1.5719	.60438	.39544	.04290	.72622	.61076	1.2499

#1	25.037	.37445	.49713	36.871	3.2725	.90002	.75336
#2	25.600	.37126	.49436	36.849	3.3063	.89228	.76679

Sample Name: J4499-07A Acquired: 8/21/2018 16:43:14 Type: Unk
Method: P4-ICP2(v2365) 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	.40222	22.16	.97823	F<00000	F128.65
Stddev	.00288	.07	.01496	.10455	1.91
%RSD	.71515	.3238	1.5288	.17292	1.4840
#1	.40019	22.11	.96765	-60.391	130.00
#2	.40426	22.21	.98880	-60.539	127.30
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.1	55543.	3119.2	40.219	2123.0
Stddev	4.8	243.	15.7	.628	7.7
%RSD	.25051	.43685	.50302	1.5624	.36439
#1	1922.5	55371.	3130.3	40.664	2128.5
#2	1915.7	55714.	3108.1	39.775	2117.5

Sample Name: J4572-01 Acquired: 8/21/2018 16:47:09 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: F-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03890	.00303	.11160	.00077	.00133	164.29	.26275
Stddev	.00263	.00317	.00164	.00296	.00207	.63	.00244
%RSD	6.7657	104.69	1.4712	385.33	155.32	.38101	.92951

#1	.04076	-.00079	.11276	-.00133	-.00013	163.85	.26448
#2	.03704	-.00528	.11044	.00286	.00280	164.73	.26102

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00241	.00042	2.6940	.19662	.01294	.08766	105.14
Stddev	.00014	.00039	.0109	.00202	.00017	.00397	2.81
%RSD	5.7779	92.901	.40401	1.0299	1.3083	4.5344	2.6708

#1	.00231	.00069	2.6863	.19519	.01306	.09047	103.15
#2	.00251	.00014	2.7017	.19805	.01283	.08485	107.12

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17006	3.0392	.07480	.00041	.12434	.22507	.07322
Stddev	.00123	.0300	.00016	.00049	.00953	.00239	.00129
%RSD	.72307	.98662	.21600	117.64	7.6612	1.0616	1.7652

#1	.16919	3.0180	.07491	.00076	.13108	.22338	.07231
#2	.17092	3.0604	.07468	.00007	.11761	.22676	.07414

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5982	.00399	.03540	1.2307	4.8468	.00591	.56183
Stddev	.0251	.00036	.01026	.0007	.0211	.00035	.00054
%RSD	.96804	9.0301	28.974	.05959	.43496	5.8446	.09528

#1	2.5804	.00374	.02815	1.2312	4.8617	.00615	.56145
#2	2.6160	.00425	.04265	1.2302	4.8318	.00566	.56221

Sample Name: J4572-01 Acquired: 8/21/2018 16:47:09 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: F-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04263	1.252	.01248	F<00000	45.793
Stddev	.00001	.001	.00026	.11596	.080
%RSD	.01535	.0370	2.1076	.32597	.17502
#1	.04264	1.253	.01230	-35.492	45.736
#2	.04263	1.252	.01267	-35.656	45.849
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2114.8	58245.	2988.5	46.685	2992.2
Stddev	2.0	117.	36.4	.757	3.7
%RSD	.09483	.20104	1.2165	1.6207	.12201
#1	2113.4	58162.	2962.8	47.220	2994.7
#2	2116.2	58328.	3014.2	46.150	2989.6

Sample Name: J4572-01DUP Acquired: 8/21/2018 16:51:10 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03758	.00046	.11115	.00023	.00384	162.21	.26102
Stddev	.00163	.00006	.00146	.00215	.00056	1.16	.00196
%RSD	4.3315	13.796	1.3163	941.72	14.697	.71212	.75264

#1	.03643	-.00050	.11219	.00174	.00424	161.39	.25963
#2	.03873	-.00041	.11012	-.00129	.00344	163.03	.26241

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00233	.00056	2.7125	.19748	.01259	.08675	105.32
Stddev	.00018	.00047	.0224	.00104	.00015	.00300	4.80
%RSD	7.5603	84.712	.82687	.52846	1.1813	3.4600	4.5569

#1	.00245	.00022	2.6966	.19674	.01248	.08463	108.71
#2	.00220	.00089	2.7284	.19821	.01269	.08887	101.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17095	2.8861	.07370	.00016	.09405	.22526	.07427
Stddev	.00029	.0515	.00021	.00036	.00893	.00007	.00433
%RSD	.16875	1.7840	.28739	219.50	9.4910	.03289	5.8353

#1	.17115	2.9225	.07355	.00042	.10036	.22521	.07733
#2	.17075	2.8497	.07385	-.00009	.08774	.22531	.07121

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5679	.00431	.03861	1.2281	4.8715	.00528	.55513
Stddev	.0080	.00049	.00945	.0023	.0178	.00029	.00243
%RSD	.31039	11.282	24.463	.18402	.36499	5.5017	.43845

#1	2.5623	.00396	.04529	1.2297	4.8840	.00507	.55685
#2	2.5736	.00465	.03193	1.2265	4.8589	.00548	.55341

Sample Name: J4572-01DUP Acquired: 8/21/2018 16:51:10 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CRI Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.04216	1.251	.01220	F<00000	44.611
Stddev	.00124	.005	.00021	.43310	1.756
%RSD	2.9295	.3727	1.6948	1.2047	3.9366
#1	.04129	1.255	.01205	-35.645	45.853
#2	.04303	1.248	.01235	-36.258	43.369
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2126.2	58521.	2975.0	46.116	3006.2
Stddev	3.0	213.	15.8	2.319	2.8
%RSD	.13947	.36318	.53217	5.0293	.09218
#1	2128.3	58371.	2963.8	44.476	3008.2
#2	2124.2	58672.	2986.2	47.756	3004.3

Sample Name: J4572-01LX5 Acquired: 8/21/2018 16:55:11 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA7373 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00678	.00038	.02455	.00241	.00119	34.131	.05568
Stddev	.00051	.00071	.00090	.00456	.00104	.898	.00067
%RSD	7.5226	187.80	3.6666	188.74	87.256	2.6299	1.2096

#1	.00642	-.00012	.02518	-.00564	.00046	33.496	.05521
#2	.00714	.00088	.02391	.00081	.00193	34.766	.05616

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00051	.00003	.60736	.05068	.00280	.02088	22.222
Stddev	.00008	.00006	.03486	.00037	.00005	.00101	.505
%RSD	14.929	231.54	5.7402	.72766	1.6576	4.8154	2.2741

#1	.00045	.00002	.58271	.05094	.00283	.02159	21.865
#2	.00056	-.00007	.63201	.05042	.00277	.02017	22.579

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03809	.61849	.02053	.00003	.03206	.04780	.01734
Stddev	.00023	.03523	.00013	.00023	.01598	.00076	.00046
%RSD	.60392	5.6957	.61280	729.22	49.840	1.5817	2.6580

#1	.03825	.64340	.02044	-.00013	.02076	.04834	.01767
#2	.03793	.59358	.02062	.00019	.04336	.04727	.01702

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50487	.00156	.00696	.23292	1.0414	.00215	.11522
Stddev	.00330	.00008	.01848	.00317	.0009	.00094	.00016
%RSD	.65450	5.2306	265.54	1.3608	.09001	43.855	.13547

#1	.50253	.00150	-.00611	.23516	1.0420	.00282	.11511
#2	.50721	.00162	.02003	.23068	1.0407	.00148	.11533

Sample Name: J4572-01LX5 Acquired: 8/21/2018 16:55:11 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA7373 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00743	.2568	.00280	F<.00000	7.5330
Stddev	.00155	.0027	.00016	.50463	.9999
%RSD	20.852	1.068	5.7778	10.140	13.273
#1	.00634	.2588	.00291	-4.6199	6.8260
#2	.00853	.2549	.00269	-5.3335	8.2400
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2039.3	56706.	2865.7	44.482	3104.0
Stddev	14.7	226.	26.4	.424	22.3
%RSD	.71971	.39878	.92016	.95379	.71894
#1	2028.9	56546.	2847.0	44.182	3088.2
#2	2049.6	56866.	2884.3	44.782	3119.8

Sample Name: J4499-07 Acquired: 8/21/2018 16:59:15 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LSB-07(0-1) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14188	.01090	12.066	.00134	.01247	99.301	1.7546
Stddev	.00421	.00412	.022	.00066	.00099	1.177	.0904
%RSD	2.9649	37.814	.18621	49.320	7.9419	1.1854	5.1539

#1	.14485	-.01382	12.082	.00087	.01177	98.468	1.6907
#2	.13891	-.00799	12.050	.00181	.01317	100.13	1.8186

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00797	.06223	1521.2	.24590	.11432	.69703	333.50
Stddev	.00005	.00153	74.7	.00332	.00066	.00480	9.87
%RSD	.56637	2.4611	4.9132	1.3491	.57615	.68927	2.9604

#1	.00794	.06331	1468.3	.24825	.11478	.70043	326.52
#2	.00800	.06114	1574.0	.24356	.11385	.69364	340.49

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.567	741.87	.51857	.00378	2.2688	.23540	12.831
Stddev	.140	37.42	.00027	.00207	.1350	.00389	.124
%RSD	1.3253	5.0443	.05288	54.690	5.9509	1.6533	.96556

#1	10.666	715.41	.51838	.00232	2.1734	.23815	12.743
#2	10.468	768.33	.51877	.00524	2.3643	.23265	12.919

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.927	.01339	.21505	38.166	2.5352	.15175	.57857
Stddev	.724	.00082	.00835	.042	.0572	.00274	.03128
%RSD	4.8533	6.0860	3.8827	.10915	2.2567	1.8047	5.4073

#1	14.415	.01282	.20914	38.196	2.4947	.15369	.55645
#2	15.439	.01397	.22095	38.137	2.5756	.14982	.60069

Sample Name: J4499-07 Acquired: 8/21/2018 16:59:15 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LSB-07(0-1) Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19186	15.62	.79960	F<00000	F130.59
Stddev	.00982	.02	.04070	.08050	.80
%RSD	5.1207	.0999	5.0905	.13926	.61051
#1	.18491	15.63	.77082	-57.862	131.16
#2	.19881	15.61	.82838	-57.748	130.03
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1906.5	54212.	3119.9	42.201	2089.7
Stddev	2.6	693.	85.7	.351	9.2
%RSD	.13458	1.2775	2.7471	.83267	.43995
#1	1904.7	53722.	3180.5	42.449	2083.2
#2	1908.3	54701.	3059.3	41.952	2096.2

Sample Name: J4499-07DUP Acquired: 8/21/2018 17:07:22 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LSB-07(0-1)D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.15033	.00998	12.100	.01793	.01081	99.036	1.7774
Stddev	.00897	.00676	.004	.00082	.00448	.829	.0121
%RSD	5.9651	67.738	.03588	4.5742	41.420	.83739	.68185

#1	.15667	-.00520	12.103	.01851	.00764	98.449	1.7688
#2	.14398	-.01476	12.097	.01735	.01398	99.622	1.7859

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00812	.05853	1534.6	.24360	.11412	.68563	366.88
Stddev	.00007	.00199	17.6	.00211	.00076	.00680	15.34
%RSD	.87085	3.4048	1.1445	.86758	.66324	.99183	4.1812

#1	.00807	.05994	1522.2	.24509	.11466	.69044	356.04
#2	.00817	.05712	1547.1	.24210	.11359	.68082	377.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.505	749.45	.52076	.00759	2.4129	.23232	14.065
Stddev	.012	9.68	.00049	.00213	.0399	.00047	.460
%RSD	.11566	1.2915	.09317	28.047	1.6529	.20303	3.2702

#1	10.497	742.61	.52041	.00608	2.3847	.23265	13.739
#2	10.514	756.30	.52110	.00909	2.4411	.23198	14.390

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.126	.01307	.24236	38.492	2.8265	.14991	.59113
Stddev	.230	.00010	.01047	.076	.0084	.00388	.00957
%RSD	1.5175	.77637	4.3215	.19753	.29876	2.5866	1.6192

#1	14.964	.01314	.23496	38.546	2.8324	.15265	.58436
#2	15.289	.01300	.24977	38.438	2.8205	.14717	.59790

Sample Name: J4499-07DUP Acquired: 8/21/2018 17:07:22 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LSB-07(0-1)D Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19605	15.66	.81101	F<00000	F125.95
Stddev	.00167	.00	.00794	1.1534	1.21
%RSD	.85304	.0216	.97907	1.9057	.96256
#1	.19487	15.66	.80540	-59.707	126.81
#2	.19723	15.66	.81663	-61.338	125.10
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1905.0	54593.	3111.0	38.612	2092.0
Stddev	.5	53.	6.9	1.163	6.6
%RSD	.02805	.09755	.22293	3.0121	.31552
#1	1905.4	54631.	3115.9	39.434	2087.4
#2	1904.6	54555.	3106.1	37.790	2096.7

Sample Name: CCV05 Acquired: 8/21/2018 17:11:22 Type: Unk
Method: P4-ICP2(v2365) 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	4.8310	4.8265	4.7829	4.8610	4.8626	3.6490	3.7448	.24329
Stddev	.0010	.0115	.0174	.0034	.0068	.1516	.0732	.00080
%RSD	.02108	.23740	.36294	.07008	.13995	1.5713	.75155	.32694

#1	4.8303	4.8347	4.7952	4.8634	4.8578	9.5418	9.6930	.24385
#2	4.8318	4.8184	4.7706	4.8586	4.8675	9.7562	9.7966	.24273

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3838	24.431	.96745	2.3852	1.2291	4.7632	2.4426	24.356
Stddev	.0040	.108	.00038	.0036	.0036	.0472	.0020	.172
%RSD	.16748	.44298	.03885	.15107	.29225	.99169	.08039	.70495

#1	2.3866	24.355	.96772	2.3878	1.2265	4.7298	2.4439	24.234
#2	2.3810	24.508	.96719	2.3827	1.2316	4.7966	2.4412	24.477

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3911	1.2107	24.074	2.4288	2.3712	24.446	4.8816	4.9563
Stddev	.0027	.0032	.150	.0011	.0014	.167	.0090	.0571
%RSD	.11262	.26564	.62127	.04679	.05728	.68298	.18425	1.1519

#1	2.3931	1.2129	23.968	2.4296	2.3703	24.328	4.8752	4.9159
#2	2.3892	1.2084	24.180	2.4280	2.3722	24.564	4.8880	4.9966

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6958	4.8308	4.7679	4.8395	4.8466	4.851	4.8770	F 3.6466
Stddev	.0084	.0254	.0029	.0221	.0454	.008	.0350	.0801
%RSD	.17870	.52564	.06151	.45748	.93708	.1677	.71690	2.1967

#1	4.6899	4.8487	4.7699	4.8238	4.8145	4.857	4.8522	3.5899
#2	4.7018	4.8128	4.7658	4.8551	4.8787	4.846	4.9017	3.7032

Sample Name: CCV05 Acquired: 8/21/2018 17:11:22 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 1.7048
Stddev	2.9818
%RSD	174.90

#1	-.40363
#2	3.8133

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1960.7	54973.	2817.7	45.123	2880.0
Stddev	1.4	82.	7.7	.007	6.8
%RSD	.06980	.15001	.27453	.01465	.23696

#1	1961.7	55031.	2812.2	45.118	2875.2
#2	1959.7	54914.	2823.1	45.128	2884.8

Sample Name: CCB05 Acquired: 8/21/2018 17:15:09 Type: Unk
Method: P4-ICP2(v2365) 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	.00041	.00221	.00067	.00045	.00144	.01083	.00043
Stddev	.00213	.00033	.00012	.00069	.00009	.00952	.00069
%RSD	525.00	15.059	17.460	153.63	6.3529	87.882	160.45

#1	.00191	.00244	.00058	.00004	.00150	-.01756	-.00006
#2	-.00110	.00197	.00075	-.00094	.00137	-.00410	.00091

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00002	.00686	.00046	.00002	.00005	.00606
Stddev	.00010	.00004	.02178	.00048	.00012	.00002	.00980
%RSD	237.34	177.99	317.21	104.35	490.82	37.879	161.87

#1	.00012	.00001	-.02226	-.00012	.00011	-.00004	.00088
#2	-.00003	-.00005	.00853	-.00080	-.00006	-.00007	-.01299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.03969	.00006	.00011	.00020	.00010	.00120
Stddev	.00006	.02302	.00012	.00055	.00726	.00004	.00020
%RSD	126.07	57.991	210.23	482.76	3595.1	35.051	16.356

#1	.00001	-.05596	-.00003	.00050	.00534	-.00008	.00106
#2	.00010	-.02341	.00014	-.00028	-.00493	-.00013	.00134

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00323	.00004	.00300	F .02475	.00058	.00217	.00136
Stddev	.02874	.00028	.00203	.00027	.00067	.00143	.00035
%RSD	888.92	661.66	67.452	1.0923	115.24	65.746	25.495

#1	.01709	-.00016	.00157	-.02494	.00106	.00318	-.00161
#2	-.02356	.00024	.00444	-.02456	.00011	.00116	-.00112

Sample Name: CCB05 Acquired: 8/21/2018 17:15:09 Type: Unk
Method: P4-ICP2(v2365) 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	.00082	.0011	.00003	F.29807	F<.00000
Stddev	.00010	.0023	.00017	.28468	1.1683
%RSD	12.212	217.4	532.20	95.507	69.295

#1	-.00089	-.0006	-.00009	.49937	-2.5121
#2	-.00075	.0027	.00015	.09677	-.85985

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2044.6	57799.	2823.7	45.118	3228.2
Stddev	5.6	97.	19.1	.424	13.9
%RSD	.27625	.16704	.67704	.94034	.42944

#1	2040.6	57868.	2810.2	45.418	3218.4
#2	2048.6	57731.	2837.2	44.818	3238.0

Sample Name: J4572-01MS Acquired: 8/21/2018 17:19:16 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB7373 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.83064	2.0927	1.1440	1.9669	.80206	162.36	.47442
Stddev	.00066	.0008	.0005	.0073	.00583	2.40	.00604
%RSD	.07934	.03752	.04519	.36894	.72720	1.4786	1.2732

#1	.83018	2.0932	1.1443	1.9721	.79793	160.66	.47015
#2	.83111	2.0921	1.1436	1.9618	.80618	164.06	.47869

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21523	.20931	3.7169	.63990	.22672	.39788	105.55
Stddev	.00010	.00006	.0169	.00109	.00051	.00254	3.16
%RSD	.04832	.02971	.45446	.16995	.22494	.63851	2.9931

#1	.21530	.20926	3.7050	.63913	.22636	.39968	103.31
#2	.21515	.20935	3.7289	.64067	.22708	.39609	107.78

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38423	5.0518	.61854	.07808	3.2770	.54169	.28719
Stddev	.00017	.0486	.00066	.00095	.0327	.00324	.00397
%RSD	.04353	.96213	.10597	1.2186	.99762	.59802	1.3824

#1	.38411	5.0175	.61807	.07741	3.2539	.53940	.28438
#2	.38434	5.0862	.61900	.07875	3.3001	.54398	.29000

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.302	.42939	.36162	1.2011	5.7047	.74327	.75724
Stddev	.110	.00069	.00774	.0024	.0080	.00027	.00610
%RSD	.82990	.16042	2.1404	.19676	.13969	.03624	.80522

#1	13.224	.42891	.35614	1.1994	5.7103	.74308	.75293
#2	13.380	.42988	.36709	1.2028	5.6991	.74346	.76155

Sample Name: J4572-01MS Acquired: 8/21/2018 17:19:16 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSAB7373 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24907	7.225	.22257	F<00000	40.841
Stddev	.00229	.010	.00242	.50933	.208
%RSD	.91742	.1361	1.0877	1.5270	.50979
#1	.24746	7.232	.22086	-32.994	40.693
#2	.25069	7.218	.22429	-33.715	40.988
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2092.8	57654.	2923.7	45.689	2954.4
Stddev	1.4	48.	9.7	.718	2.7
%RSD	.06490	.08291	.33330	1.5712	.09023
#1	2093.8	57620.	2916.8	46.197	2956.3
#2	2091.8	57688.	2930.6	45.182	2952.5

Sample Name: J4572-01MSD Acquired: 8/21/2018 17:23:09 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV13715 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.82559	2.0660	1.1327	1.9523	.79250	161.38	.46558
Stddev	.00277	.0008	.0039	.0009	.00061	1.37	.01081
%RSD	.33564	.04082	.34397	.04723	.07760	.84673	2.3219

#1	.82363	2.0666	1.1355	1.9530	.79293	160.42	.45793
#2	.82755	2.0654	1.1300	1.9517	.79206	162.35	.47322

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21242	.20715	3.6942	.63167	.22489	.39237	107.53
Stddev	.00151	.00020	.0926	.00019	.00090	.00093	1.53
%RSD	.71014	.09581	2.5077	.03065	.39841	.23649	1.4222

#1	.21135	.20701	3.6287	.63181	.22553	.39303	106.44
#2	.21348	.20729	3.7597	.63154	.22426	.39171	108.61

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.38029	5.0273	.61245	.07694	3.2442	.53378	.29013
Stddev	.00084	.0379	.00022	.00026	.0665	.00146	.00152
%RSD	.21974	.75356	.03553	.34393	2.0513	.27366	.52514

#1	.37970	5.0006	.61230	.07712	3.1971	.53275	.28905
#2	.38088	5.0541	.61261	.07675	3.2912	.53482	.29120

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.095	.42353	.36307	1.1928	5.5157	.73534	.74844
Stddev	.215	.00173	.01810	.0010	.0380	.00046	.01180
%RSD	1.6397	.40848	4.9840	.08234	.68907	.06242	1.5760

#1	12.943	.42476	.35028	1.1921	5.4889	.73502	.74010
#2	13.247	.42231	.37587	1.1935	5.5426	.73567	.75678

Sample Name: J4572-01MSD Acquired: 8/21/2018 17:23:09 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV13715 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24498	7.167	.22017	F<00000	39.991
Stddev	.00343	.003	.00391	.29099	1.052
%RSD	1.3991	.0460	1.7749	.85197	2.6301

#1	.24255	7.169	.21740	-33.949	39.247
#2	.24740	7.165	.22293	-34.361	40.735

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.4	58099.	2971.4	45.008	2974.0
Stddev	7.2	212.	31.3	.137	4.4
%RSD	.33914	.36463	1.0550	.30510	.14884

#1	2103.3	57949.	2993.6	45.105	2970.8
#2	2113.4	58249.	2949.2	44.911	2977.1

Sample Name: J4572-01A Acquired: 8/21/2018 17:27:02 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB13715 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81968	2.0695	1.1325	1.9553	.79484	159.91	.46640
Stddev	.00251	.0062	.0027	.0036	.00169	4.51	.00183
%RSD	.30569	.29908	.24091	.18165	.21254	2.8226	.39292

#1	.82146	2.0739	1.1345	1.9578	.79364	156.72	.46511
#2	.81791	2.0652	1.1306	1.9528	.79603	163.10	.46770

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21056	.20755	3.6681	.62363	.22525	.39278	107.61
Stddev	.00301	.00008	.0145	.00970	.00023	.00231	2.72
%RSD	1.4278	.04072	.39506	1.5556	.10016	.58780	2.5261

#1	.20843	.20761	3.6579	.61677	.22509	.39441	105.69
#2	.21269	.20749	3.6784	.63049	.22541	.39115	109.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.37554	4.9368	.61322	.07621	3.2283	.53040	.29183
Stddev	.00568	.0208	.00032	.00052	.0240	.00635	.00051
%RSD	1.5122	.42055	.05177	.68843	.74364	1.1976	.17342

#1	.37153	4.9221	.61300	.07584	3.2114	.52591	.29148
#2	.37956	4.9514	.61345	.07658	3.2453	.53490	.29219

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.114	.42529	.37123	1.2008	5.5211	.73575	.74823
Stddev	.062	.00037	.01005	.0047	.1023	.00202	.00215
%RSD	.47139	.08599	2.7084	.38815	1.8522	.27401	.28788

#1	13.071	.42555	.36412	1.2041	5.5934	.73717	.74671
#2	13.158	.42503	.37834	1.1975	5.4488	.73432	.74975

Sample Name: J4572-01A Acquired: 8/21/2018 17:27:02 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB13715 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24901	7.180	.22031	F<00000	41.641
Stddev	.00236	.013	.00122	1.0251	1.689
%RSD	.94877	.1796	.55242	2.9971	4.0571
#1	.24734	7.171	.21945	-33.479	42.835
#2	.25068	7.189	.22117	-34.929	40.446
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.5	58462.	2957.4	44.698	2970.0
Stddev	2.2	774.	44.7	.071	2.5
%RSD	.10507	1.3247	1.5116	.15785	.08271
#1	2100.9	59009.	2925.8	44.748	2968.2
#2	2104.1	57914.	2989.0	44.648	2971.7

Sample Name: J4539-06 Acquired: 8/21/2018 17:30:54 Type: Unk
Method: P4-ICP2(v2365) 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	.08476	.00095	.14342	.01212	.01035	10.970	.41152	.00128	.00102
Stddev	.00024	.00335	.00174	.00192	.00012	.189	.00779	.00004	.00009
%RSD	.28681	351.78	1.2146	15.816	1.1799	1.7227	1.8933	3.5127	9.0335

#1	.08458	.00332	.14466	.01347	.01026	10.837	.40601	.00125	.00108
#2	.08493	-.00142	.14219	.01076	.01043	11.104	.41703	.00131	.00095

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	125.60	.14088	.00705	.08456	15.320	.44746	37.254	.07723	.00148
Stddev	2.69	.00050	.00018	.00075	.384	.00024	1.075	.00063	.00037
%RSD	2.1414	.35349	2.5105	.88126	2.5040	.05430	2.8862	.81102	24.726

#1	123.70	.14053	.00718	.08509	15.049	.44729	36.493	.07767	.00122
#2	127.50	.14123	.00693	.08404	15.592	.44763	38.014	.07679	.00174

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	78.651	.81896	.17147	24.184	.03972	1.0399	10.898	30.990	.01647
Stddev	1.393	.00546	.00104	.434	.00029	.0231	.031	.168	.00103
%RSD	1.7715	.66625	.60669	1.7951	.72530	2.2181	.28472	.54233	6.2513

#1	77.666	.81510	.17074	23.877	.03951	1.0236	10.920	30.871	.01719
#2	79.636	.82282	.17221	24.491	.03992	1.0562	10.876	31.109	.01574

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.57527	.06867	.5859	1.8128	2.4201	10.762
Stddev	.01200	.00033	.0012	.0300	.9302	1.211
%RSD	2.0856	.48464	.2076	1.6544	38.438	11.249

#1	.56678	.06843	.5850	1.7915	3.0778	9.9062
#2	.58375	.06890	.5867	1.8340	1.7623	11.618

Sample Name: J4539-06 Acquired: 8/21/2018 17:30:54 Type: Unk
Method: P4-ICP2(v2365) 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	1891.0	53456.	2779.1	43.371	2769.3
Stddev	10.9	58.	7.1	.138	13.5
%RSD	.57754	.10917	.25579	.31919	.48621
#1	1883.2	53415.	2784.1	43.469	2759.7
#2	1898.7	53497.	2774.0	43.273	2778.8

Sample Name: J4539-06DUP Acquired: 8/21/2018 17:34:56 Type: Unk
Method: P4-ICP2(v2365) 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	.08295	.00149	.14092	.00516	.00780	10.908	.42608	.00122
Stddev	.00254	.00204	.00030	.00447	.00102	.369	.02475	.00004
%RSD	3.0677	137.47	.21371	86.693	13.085	3.3827	5.8098	3.1201
#1	.08115	-.00004	.14114	.00832	.00708	10.647	.40857	.00124
#2	.08475	-.00293	.14071	.00200	.00852	11.169	.44358	.00119
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	130.57	.14016	.00734	.08305	16.384	.44591	38.656
Stddev	.00029	7.11	.00182	.00020	.00050	.956	.00368	2.198
%RSD	39.588	5.4416	1.3015	2.7131	.60223	5.8372	.82526	5.6865
#1	.00093	125.54	.13887	.00720	.08341	15.708	.44331	37.102
#2	.00052	135.59	.14145	.00748	.08270	17.060	.44851	40.211
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07725	.00173	31.711	.81683	.18271	25.120	.03921	1.0850
Stddev	.00027	.00016	4.524	.01131	.00754	1.593	.00001	.0602
%RSD	.35511	9.3049	5.5372	1.3847	4.1251	6.3427	.03230	5.5491
#1	.07705	.00184	78.512	.80883	.17738	23.993	.03922	1.0425
#2	.07744	.00161	84.910	.82483	.18804	26.246	.03920	1.1276
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.851	31.984	.01717	.59052	.06937	.5831	1.8773	1.9403
Stddev	.029	1.194	.00111	.03355	.00404	.0027	.0999	.2256
%RSD	.26451	3.7326	6.4786	5.6814	5.8242	.4597	5.3199	11.627
#1	10.830	31.140	.01796	.56679	.06651	.5850	1.8067	1.7807
#2	10.871	32.828	.01639	.61424	.07223	.5812	1.9479	2.0998

Sample Name: J4539-06DUP Acquired: 8/21/2018 17:34:56 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 9.9559
Stddev .6159
%RSD 6.1863

#1 9.5204
#2 10.391

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1902.7	53778.	2698.1	40.729	2787.1
Stddev	8.7	42.	82.5	1.423	11.9
%RSD	.45688	.07845	3.0569	3.4930	.42850

#1	1896.6	53808.	2756.4	41.735	2778.7
#2	1908.9	53748.	2639.8	39.723	2795.6

Sample Name: J4539-06LX5 Acquired: 8/21/2018 17:38:58 Type: Unk
Method: P4-ICP2(v2365) 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	.01587	-.00069	.03158	-.00319	.00150	2.1579	.08430	.00033
Stddev	.00141	.00017	.00056	.00062	.00264	.0143	.00102	.00007
%RSD	8.8747	24.542	1.7774	19.309	176.46	.66216	1.2090	19.967
#1	.01686	-.00081	.03198	-.00276	.00337	2.1478	.08358	.00028
#2	.01487	-.00057	.03118	-.00363	-.00037	2.1680	.08502	.00037
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	26.388	.03908	.00147	.01853	3.1636	.09697	7.7648
Stddev	.00010	.569	.00028	.00037	.00010	.0291	.00031	.2197
%RSD	56.008	2.1559	.72319	25.193	.56235	.91927	.31625	2.8295
#1	.00025	25.986	.03928	.00173	.01846	3.1431	.09676	7.6094
#2	.00011	26.791	.03888	.00121	.01860	3.1842	.09719	7.9201
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02146	.00015	15.857	.16798	.03758	4.8627	.00915	.20266
Stddev	.00022	.00041	.274	.00029	.00036	.1391	.00045	.00152
%RSD	1.0253	271.38	1.7289	.17185	.95488	2.8600	4.9339	.74773
#1	.02130	-.00014	15.663	.16818	.03784	4.7644	.00946	.20159
#2	.02162	.00044	16.051	.16777	.03733	4.9611	.00883	.20374
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1651	6.6073	.00456	.11586	.01358	.1194	.37026	1.6577
Stddev	.0000	.0519	.00038	.00023	.00073	.0017	.00367	.2874
%RSD	.00178	.78548	8.3624	.20130	5.3975	1.431	.99167	17.336
#1	2.1651	6.5706	.00483	.11570	.01410	.1206	.36767	1.8609
#2	2.1650	6.6440	.00429	.11603	.01306	.1182	.37286	1.4545

Sample Name: J4539-06LX5 Acquired: 8/21/2018 17:38:58 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	.81112
Stddev	2.7006
%RSD	332.94

#1	-1.0985
#2	2.7207

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2013.0	56328.	2834.9	45.364	3072.9
Stddev	8.5	229.	8.9	.462	20.4
%RSD	.42146	.40726	.31479	1.0184	.66422

#1	2007.0	56166.	2841.2	45.037	3058.5
#2	2019.0	56490.	2828.6	45.691	3087.4

Sample Name: J4539-06MS Acquired: 8/21/2018 17:43:02 Type: Unk
Method: P4-ICP2(v2365) 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	.91960	2.0163	1.1407	2.0572	.83183	12.926	.62917	.21559	.20529
Stddev	.00455	.0040	.0045	.0102	.00300	.121	.00927	.00063	.00061
%RSD	.49523	.19773	.39048	.49731	.36034	.93295	1.4736	.29387	.29619

#1	.91638	2.0135	1.1438	2.0644	.82971	12.841	.62261	.21603	.20486
#2	.92283	2.0191	1.1375	2.0499	.83395	13.012	.63572	.21514	.20572

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	125.40	.56843	.21729	.39660	17.954	.65139	39.198	.59431	.07849
Stddev	2.76	.00036	.00027	.00056	.532	.00005	1.036	.00153	.00032
%RSD	2.2045	.06408	.12599	.14200	2.9653	.00749	2.6418	.25673	.40746

#1	123.45	.56869	.21710	.39700	17.578	.65142	38.466	.59323	.07826
#2	127.36	.56817	.21749	.39620	18.331	.65135	39.931	.59539	.07872

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	30.954	1.1147	.37312	34.890	.48223	1.3428	10.623	31.476	.74518
Stddev	1.639	.0020	.00787	.796	.00042	.0475	.005	.255	.00283
%RSD	2.0246	.17634	2.1084	2.2828	.08722	3.5341	.04420	.80980	.38022

#1	79.795	1.1161	.36756	34.326	.48253	1.3092	10.627	31.295	.74318
#2	82.113	1.1133	.37869	35.453	.48193	1.3763	10.620	31.656	.74719

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77906	.28983	3.724	2.0024	3.4534	7.4412
Stddev	.01435	.00696	.009	.0348	.8794	.0349
%RSD	1.8424	2.4005	.1311	1.7386	25.464	.46948

#1	.76891	.28491	6.718	1.9778	4.0752	7.4165
#2	.78921	.29475	6.730	2.0270	2.8316	7.4659

Sample Name: J4539-06MS Acquired: 8/21/2018 17:43:02 Type: Unk
Method: P4-ICP2(v2365) 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	1913.6	53624.	2754.4	43.921	2788.3
Stddev	11.4	53.	15.6	.680	17.5
%RSD	.59785	.09950	.56812	1.5473	.62787
#1	1905.5	53586.	2765.5	44.402	2776.0
#2	1921.7	53662.	2743.4	43.441	2800.7

Sample Name: J4539-06MSD Acquired: 8/21/2018 17:46:57 Type: Unk
Method: P4-ICP2(v2365) 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	.90547	1.9985	1.1281	2.0415	.82456	12.615	.61862	.21101	.20315
Stddev	.00130	.0120	.0057	.0020	.00267	.224	.00242	.00070	.00058
%RSD	.14314	.60081	.50984	.09910	.32436	1.7739	.39061	.32979	.28533

#1	.90455	1.9900	1.1240	2.0430	.82267	12.456	.61691	.21150	.20274
#2	.90638	2.0070	1.1322	2.0401	.82645	12.773	.62033	.21051	.20356

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	122.36	.55962	.21556	.39201	17.666	.63796	38.301	.58976	.07747
Stddev	1.00	.00146	.00101	.00064	.745	.00123	.309	.00065	.00157
%RSD	.81910	.26110	.47028	.16281	4.2194	.19236	.80587	.10945	2.0306

#1	121.66	.55859	.21484	.39246	17.139	.63709	38.083	.58930	.07858
#2	123.07	.56066	.21627	.39155	18.193	.63883	38.520	.59022	.07636

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	79.315	1.0974	.36652	34.030	.47942	1.3258	10.501	30.876	.74071
Stddev	.503	.0072	.01154	.178	.00117	.0153	.033	.124	.00710
%RSD	.63424	.65209	3.1483	.52343	.24397	1.1527	.31188	.40036	.95844

#1	78.960	1.0923	.35837	33.904	.47859	1.3366	10.478	30.964	.73569
#2	79.671	1.1025	.37468	34.156	.48024	1.3150	10.525	30.789	.74573

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77184	.28286	3.664	1.9563	1.8215	3.0078
Stddev	.00344	.00111	.038	.0071	.2550	.8077
%RSD	.44609	.39212	.5765	.36252	14.001	13.444

#1	.76940	.28208	6.637	1.9513	1.6412	6.5789
#2	.77427	.28365	6.691	1.9613	2.0018	5.4367

Sample Name: J4539-06MSD Acquired: 8/21/2018 17:46:57 Type: Unk
Method: P4-ICP2(v2365) 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	1927.6	54747.	2812.0	44.711	2813.6
Stddev	12.4	354.	34.3	1.026	12.5
%RSD	.64118	.64600	1.2211	2.2953	.44445
#1	1918.9	54496.	2787.7	45.436	2804.8
#2	1936.3	54997.	2836.3	43.985	2822.4

Sample Name: J4539-06A Acquired: 8/21/2018 17:50:51 Type: Unk
Method: P4-ICP2(v2365) 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	.91447	2.0025	1.1373	2.0471	.83007	12.681	.62239	.21316	.20403
Stddev	.00581	.0078	.0021	.0084	.00252	.157	.00825	.00016	.00027
%RSD	.63524	.38980	.18474	.41145	.30394	1.2373	1.3251	.07398	.13213

#1	.91857	1.9969	1.1388	2.0412	.82829	12.570	.61656	.21305	.20384
#2	.91036	2.0080	1.1358	2.0531	.83185	12.792	.62822	.21327	.20422

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	123.58	.57054	.21623	.39469	18.657	.64368	38.497	.59597	.07855
Stddev	2.08	.00125	.00071	.00172	.377	.00187	.982	.00066	.00091
%RSD	1.6869	.21853	.32898	.43586	2.0205	.29055	2.5512	.11000	1.1636

#1	122.10	.56966	.21673	.39591	18.391	.64501	37.802	.59550	.07920
#2	125.05	.57142	.21573	.39348	18.924	.64236	39.191	.59643	.07790

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	79.958	1.1131	.38511	34.328	.48287	1.3366	10.564	31.344	.74568
Stddev	1.188	.0020	.00504	.518	.00204	.0214	.032	.252	.00088
%RSD	1.4861	.17820	1.3084	1.5095	.42302	1.6012	.30579	.80438	.11775

#1	79.117	1.1117	.38154	33.962	.48431	1.3214	10.587	31.165	.74630
#2	80.798	1.1145	.38867	34.695	.48142	1.3517	10.541	31.522	.74506

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77234	.28446	.3703	1.9807	1.2677	9.0124
Stddev	.00917	.00202	.014	.0234	.4395	.0369
%RSD	1.1873	.71114	.2152	1.1834	34.667	.40954

#1	.76586	.28303	6.713	1.9641	1.5785	9.0385
#2	.77882	.28589	6.693	1.9973	.95696	8.9863

Sample Name: J4539-06A Acquired: 8/21/2018 17:50:51 Type: Unk
Method: P4-ICP2(v2365) 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	1921.0	54322.	2794.7	42.578	2801.5
Stddev	7.8	364.	6.2	.469	7.2
%RSD	.40587	.67054	.22166	1.1011	.25754
#1	1915.5	54065.	2799.1	42.909	2796.4
#2	1926.5	54580.	2790.3	42.246	2806.6

Sample Name: J4499-10 Acquired: 8/21/2018 17:54:45 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LSB-08(0-1) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.08640	.01301	.50349	.01140	.00872	203.07	1.3371
Stddev	.00439	.00153	.00096	.00369	.00196	1.16	.0136
%RSD	5.0786	11.751	.19139	32.403	22.440	.56924	1.0194

#1	.08329	-.01409	.50417	.00879	.01010	202.25	1.3275
#2	.08950	-.01193	.50281	.01401	.00733	203.89	1.3468

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01107	.01534	251.81	.23055	.17987	.24162	381.73
Stddev	.00002	.00045	3.59	.00156	.00100	.00180	2.77
%RSD	.16814	2.9385	1.4266	.67617	.55541	.74605	.72476

#1	.01109	.01566	249.27	.23165	.18058	.24289	379.78
#2	.01106	.01503	254.35	.22945	.17917	.24034	383.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.216	106.00	.40970	.00730	1.6889	.35590	1.2847
Stddev	.048	1.60	.00001	.00024	.0160	.00186	.0011
%RSD	.42569	1.5129	.00184	3.3182	.94706	.52250	.08563

#1	11.183	104.87	.40970	.00713	1.6775	.35459	1.2855
#2	11.250	107.14	.40971	.00748	1.7002	.35722	1.2839

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.261	.00237	.22226	3.3035	1.6454	.01719	.76986
Stddev	.200	.00041	.00334	.0071	.0175	.00047	.00670
%RSD	1.3084	17.347	1.5006	.21592	1.0612	2.7163	.87019

#1	15.120	.00266	.22462	3.3086	1.6330	.01752	.76513
#2	15.403	.00208	.21990	3.2985	1.6577	.01686	.77460

Sample Name: J4499-10 Acquired: 8/21/2018 17:54:45 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: LSB-08(0-1) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28831	12.05	.38857	F<00000	F142.62
Stddev	.00228	.03	.00547	1.3711	4.48
%RSD	.79199	.2508	1.4066	1.0586	3.1396
#1	.28669	12.07	.38470	-128.55	139.45
#2	.28992	12.03	.39243	-130.49	145.79
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2365.2	36565.	3552.8	45.071	2578.1
Stddev	10.5	167.	15.2	.036	1.0
%RSD	.44581	.25013	.42718	.07939	.04051
#1	2372.7	66448.	3563.5	45.046	2578.8
#2	2357.8	66683.	3542.0	45.096	2577.4

Sample Name: CCV06 Acquired: 8/21/2018 17:58:51 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB112208BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8064	4.8165	4.7820	4.8119	4.8218	3.5246	3.6472	.24329
Stddev	.0069	.0073	.0126	.0030	.0104	.0092	.0344	.00388
%RSD	.14301	.15088	.26272	.06306	.21653	.09620	.35628	1.5947

#1	4.8016	4.8114	4.7731	4.8141	4.8144	9.5181	9.6229	.24603
#2	4.8113	4.8217	4.7908	4.8098	4.8292	9.5311	9.6715	.24054

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3790	24.032	.97250	2.3788	1.2177	4.8604	2.4467	24.121
Stddev	.0084	.284	.01173	.0073	.0031	.0454	.0345	.607
%RSD	.35318	1.1812	1.2058	.30884	.25707	.93390	1.4089	2.5146

#1	2.3731	23.831	.98080	2.3736	1.2155	4.8925	2.4711	23.692
#2	2.3850	24.233	.96421	2.3840	1.2199	4.8283	2.4224	24.550

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3812	1.2106	23.877	2.4256	2.4368	24.166	4.8522	4.8665
Stddev	.0024	.0161	.180	.0340	.0755	.291	.0202	.0779
%RSD	.09869	1.3304	.75407	1.3995	3.0974	1.2041	.41646	1.6002

#1	2.3795	1.2219	23.750	2.4496	2.4902	23.960	4.8379	4.8114
#2	2.3828	1.1992	24.004	2.4016	2.3835	24.371	4.8665	4.9216

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6607	4.8176	4.7505	4.8004	4.7953	4.835	4.8382	F 2.2180
Stddev	.0095	.0037	.0058	.0507	.0229	.011	.0285	.0522
%RSD	.20491	.07587	.12148	1.0562	.47688	.2250	.58860	2.3538

#1	4.6540	4.8201	4.7464	4.7645	4.7791	4.828	4.8181	2.1811
#2	4.6675	4.8150	4.7546	4.8362	4.8114	4.843	4.8584	2.2549

Sample Name: CCV06 Acquired: 8/21/2018 17:58:51 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB112208BL Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.0395
Stddev .1694
%RSD 4.1925

#1 4.1593
#2 3.9198

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.7	55431.	2869.0	44.282	2916.5
Stddev	.8	970.	16.2	1.459	.0
%RSD	.04077	1.7505	.56402	3.2947	.00164

#1	1993.3	54745.	2857.5	43.250	2916.4
#2	1992.1	56117.	2880.4	45.314	2916.5

Sample Name: CCB06 Acquired: 8/21/2018 18:02:39 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PB112208BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	.00001	.00039	.00222	.00004	.01381	.00040
Stddev	.00223	.00025	.00094	.00188	.00177	.01013	.00143
%RSD	132.13	2168.5	242.87	84.643	4318.4	73.325	353.44

#1	.00011	.00016	-.00028	-.00089	.00129	.00665	-.00060
#2	.00327	-.00019	.00106	-.00355	-.00121	.02097	.00141

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00008	.00194	.00072	.00012	.00030	.00656
Stddev	.00007	.00007	.00986	.00047	.00023	.00006	.01291
%RSD	497.86	86.658	507.07	65.722	190.79	19.684	196.98

#1	.00006	.00003	.00892	-.00105	.00028	.00026	-.01569
#2	-.00004	.00013	-.00503	-.00038	-.00004	.00034	.00258

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.02110	.00045	.00027	.07240	.00001	.00010
Stddev	.00000	.04648	.00023	.00017	.00431	.00022	.00013
%RSD	1.1192	220.24	51.688	64.981	5.9517	2280.0	125.96

#1	.00001	.01176	-.00028	-.00039	-.07545	-.00017	.00001
#2	.00001	-.05397	-.00061	-.00014	-.06936	.00015	.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01563	.00007	.00663	.02919	.00010	.00109	.00019
Stddev	.01411	.00034	.01705	.00533	.00051	.00026	.00065
%RSD	90.265	466.49	256.98	18.251	539.83	23.825	345.48

#1	.02561	.00017	-.00542	-.02543	-.00027	.00091	-.00065
#2	.00565	-.00031	.01869	-.03296	.00046	.00128	.00027

Sample Name: CCB06 Acquired: 8/21/2018 18:02:39 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: PB112208BS Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.0019	.00007	F.25286	F<.00000
Stddev	.00046	.0013	.00012	.26788	1.5290
%RSD	951.88	72.16	159.98	105.94	223.70

#1	-.00037	.0028	.00001	.44228	-1.7646
#2	.00027	.0009	-.00015	.06344	.39765

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2056.8	58092.	2850.6	48.293	3242.9
Stddev	2.8	176.	10.2	.042	3.4
%RSD	.13536	.30315	.35788	.08652	.10601

#1	2058.8	57968.	2843.4	48.264	3245.3
#2	2054.8	58217.	2857.8	48.323	3240.5

Sample Name: J4499-11 Acquired: 8/21/2018 18:06:45 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: DUP(0-1) Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11133	.00341	3.3191	.01720	.00739	136.08	1.7654
Stddev	.00418	.00334	.0010	.00090	.00163	2.59	.0335
%RSD	3.7535	97.864	.01515	5.2082	22.053	1.9010	1.8949

#1	.10837	-.00578	6.3198	.01783	.00854	134.25	1.7418
#2	.11428	-.00105	6.3184	.01656	.00623	137.91	1.7891

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00853	.01761	210.91	.24120	.13798	.57200	319.28
Stddev	.00006	.00046	3.13	.00051	.00019	.00605	3.60
%RSD	.72275	2.6200	1.4854	.20987	.13660	1.0581	1.1285

#1	.00849	.01794	208.70	.24084	.13811	.57627	316.73
#2	.00858	.01728	213.13	.24156	.13784	.56772	321.83

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.158	98.594	.46878	.01326	.86098	.25333	3.4080
Stddev	.016	1.673	.00044	.00048	.01670	.00162	.0244
%RSD	.14005	1.6965	.09315	3.6423	1.9397	.63871	.71658

#1	11.169	97.412	.46909	.01292	.84917	.25219	3.4253
#2	11.147	99.777	.46847	.01361	.87279	.25448	3.3908

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.432	.00877	.24537	3.7738	1.0344	.29452	.64171
Stddev	.161	.00007	.00108	.0229	.0027	.00142	.01413
%RSD	1.4086	.79709	.44153	.26055	.26466	.48294	2.2027

#1	11.319	.00872	.24613	8.7900	1.0325	.29351	.63171
#2	11.546	.00882	.24460	8.7577	1.0363	.29553	.65170

Sample Name: J4499-11 Acquired: 8/21/2018 18:06:45 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: DUP(0-1) Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20365	19.62	.36162	F<00000	F112.50
Stddev	.00411	.04	.00653	.65084	.48
%RSD	2.0163	.2126	1.8058	.63042	.42730

#1	.20075	19.65	.35700	-102.78	112.84
#2	.20655	19.59	.36624	-103.70	112.16

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2435.3	59088.	3705.1	43.031	2608.1
Stddev	12.5	101.	6.8	.382	11.9
%RSD	.51266	.14563	.18421	.88743	.45582

#1	2426.4	69017.	3700.3	42.761	2599.7
#2	2444.1	69159.	3709.9	43.301	2616.5

Sample Name: J4509-02 Acquired: 8/21/2018 18:10:45 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TOD1-FP-0-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06820	.00744	.23463	.00370	.00621	200.54	.75229
Stddev	.00159	.00046	.00129	.00025	.00015	3.96	.01214
%RSD	2.3379	6.2177	.54995	6.6811	2.4578	1.9732	1.6141

#1	.06708	-.00711	.23554	.00388	.00632	197.74	.74370
#2	.06933	-.00777	.23372	.00353	.00610	203.34	.76087

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01056	.00394	3.5903	.39313	.16796	.27355	.279.12
Stddev	.00002	.00032	.0796	.00201	.00016	.00299	2.69
%RSD	.20039	8.1403	2.2169	.51096	.09812	1.0944	.96247

#1	.01058	.00417	3.5341	.39171	.16808	.27566	277.22
#2	.01055	.00371	3.6466	.39455	.16785	.27143	281.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6698	52.855	.56500	.00523	.86281	.35730	.96553
Stddev	.0071	.697	.00142	.00043	.02244	.00180	.00303
%RSD	.12538	1.1092	.25183	8.1983	2.6013	.50399	.31332

#1	5.6648	62.362	.56600	.00493	.84694	.35603	.96767
#2	5.6748	63.348	.56399	.00553	.87868	.35857	.96339

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.157	.00127	.18926	1.0670	1.5513	.01291	3.3187
Stddev	.221	.00015	.00460	.0069	.0014	.00093	.0482
%RSD	1.3675	11.488	2.4290	.64990	.08702	7.1723	1.4516

#1	16.001	.00116	.18601	1.0621	1.5504	.01226	3.2846
#2	16.313	.00137	.19251	1.0719	1.5523	.01357	3.3527

Sample Name: J4509-02 Acquired: 8/21/2018 18:10:45 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: TOD1-FP-0-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.28760	5.267	.04020	F<00000	F101.27
Stddev	.00669	.003	.00064	.35321	2.16
%RSD	2.3272	.0655	1.5943	.36239	2.1293

#1	.28287	5.264	.03975	-97.220	102.80
#2	.29233	5.269	.04066	-97.719	99.748

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2326.6	54402.	3384.6	43.972	2819.0
Stddev	21.1	21.	12.8	.326	21.2
%RSD	.90816	.03287	.37765	.74118	.75346

#1	2311.6	64387.	3375.6	43.742	2804.0
#2	2341.5	64417.	3393.6	44.203	2834.0

Sample Name: J4523-02 Acquired: 8/21/2018 18:14:52 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14361	.01346	3.3426	.00719	.01405	113.86	1.6058
Stddev	.00338	.00358	.0037	.00750	.00159	1.09	.0093
%RSD	2.3545	26.578	.10928	104.34	11.280	.96070	.57832

#1	.14600	-.01599	3.3400	.00188	.01293	113.09	1.5992
#2	.14122	-.01093	3.3451	.01249	.01517	114.63	1.6123

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00975	.03377	38.896	.78310	.13249	.88382	482.69
Stddev	.00023	.00176	.482	.00571	.00022	.00949	15.57
%RSD	2.3427	5.1973	.54213	.72868	.16653	1.0738	3.2263

#1	.00959	.03501	88.555	.77907	.13265	.89053	471.68
#2	.00991	.03253	89.237	.78714	.13234	.87711	493.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2282	29.617	.46054	.00633	15.456	.44716	2.7808
Stddev	.0032	.203	.00055	.00237	.034	.00244	.0561
%RSD	.09897	.68653	.11968	37.451	.22251	.54616	2.0162

#1	3.2304	29.474	.46015	.00466	15.432	.44544	2.7411
#2	3.2259	29.761	.46093	.00801	15.481	.44889	2.8204

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.526	.02398	.44459	3.5965	1.6348	.08525	1.0505
Stddev	.145	.00000	.02292	.0048	.0038	.00198	.0177
%RSD	.93106	.01362	5.1557	.07216	.23134	2.3189	1.6817

#1	15.424	.02398	.42838	6.5931	1.6321	.08665	1.0380
#2	15.628	.02397	.46080	6.5999	1.6375	.08385	1.0630

Sample Name: J4523-02 Acquired: 8/21/2018 18:14:52 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: WC-2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13522	.170	.69797	F<00000	F168.06
Stddev	.00025	.006	.00228	.53464	2.86
%RSD	.18264	.0624	.32705	.31832	1.7042

#1	.13504	9.166	.69635	-167.58	166.03
#2	.13539	9.174	.69958	-168.34	170.08

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2209.2	33004.	3357.8	44.732	2700.9
Stddev	4.7	366.	36.7	.733	5.6
%RSD	.21216	.58113	1.0941	1.6391	.20638

#1	2212.5	62745.	3331.9	45.250	2704.8
#2	2205.9	63263.	3383.8	44.214	2696.9

Sample Name: J4524-01 Acquired: 8/21/2018 18:18:45 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Y-1802 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04496	.00582	.18904	.00123	.00021	132.76	.88763	.00561
Stddev	.00294	.00354	.00281	.00154	.00096	.68	.01238	.00009
%RSD	6.5476	60.839	1.4843	125.19	456.14	.50889	1.3945	1.6223

#1	.04288	-.00832	.19102	.00232	-.00047	132.28	.87888	.00554
#2	.04704	-.00332	.18705	.00014	.00089	133.24	.89639	.00567

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00415	1736.1	.25572	.03476	.13894	34.262	2.0550	110.21
Stddev	.00087	35.2	.00085	.00015	.00524	6.713	.0023	2.36
%RSD	21.017	2.0294	.33244	.43161	3.7746	7.1221	.11386	2.1368

#1	.00477	1711.1	.25512	.03487	.14265	89.515	2.0534	108.55
#2	.00354	1761.0	.25632	.03466	.13523	99.009	2.0567	111.88

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11221	.00134	5.6784	.16784	.33729	14.514	.01151	.23925
Stddev	.00047	.00071	.1021	.00206	.02000	.187	.00034	.00313
%RSD	.41515	53.154	1.7986	1.2303	5.9290	1.2854	2.9217	1.3063

#1	.11254	.00084	5.6062	.16638	.32315	14.382	.01174	.23704
#2	.11189	.00185	5.7507	.16930	.35143	14.646	.01127	.24146

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.388	1.1086	.01487	4.7232	.19854	3.948	13.802	53.699
Stddev	.002	.0272	.00193	.0985	.00256	.016	.456	.624
%RSD	.00321	2.4566	12.954	2.0859	1.2889	.4140	3.3073	1.1616

#1	61.387	1.0893	-.01351	4.6536	.19673	3.959	13.479	54.140
#2	61.390	1.1278	-.01623	4.7929	.20035	3.936	14.125	53.258

Sample Name: J4524-01 Acquired: 8/21/2018 18:18:45 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Y-1802 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	41.242
Stddev	2.721
%RSD	6.5979

#1	39.318
#2	43.166

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1846.3	51546.	2921.0	41.032	2277.8
Stddev	3.6	80.	38.7	2.413	5.2
%RSD	.19561	.15469	1.3255	5.8804	.22830

#1	1843.8	51489.	2948.4	42.739	2274.1
#2	1848.9	51602.	2893.6	39.326	2281.4

Sample Name: J4524-02 Acquired: 8/21/2018 18:22:48 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Y-1803 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09351	.00892	.35016	.00997	.00313	121.14	.92064	.00683
Stddev	.00291	.00298	.00062	.00517	.00010	1.32	.00679	.00014
%RSD	3.1113	33.440	.17579	51.847	3.2857	1.0929	.73761	2.0417

#1	.09145	-.01103	.35059	.01362	.00306	120.21	.92544	.00693
#2	.09556	-.00681	.34972	.00631	.00320	122.08	.91584	.00673

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00784	1401.2	.21634	.04738	.23523	129.94	2.4757	134.99
Stddev	.00015	11.0	.00249	.00037	.00044	.22	.0007	1.16
%RSD	1.9521	.78262	1.1517	.77281	.18648	.16931	.03000	.85880

#1	.00773	1408.9	.21810	.04763	.23554	130.09	2.4751	135.81
#2	.00795	1393.4	.21458	.04712	.23492	129.78	2.4762	134.17

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14247	.00168	5.4527	.43421	.62007	9.2026	.01766	.21352
Stddev	.00092	.00030	.0300	.00025	.00591	.0294	.00001	.00618
%RSD	.64805	18.112	.55024	.05840	.95392	.31897	.07111	2.8936

#1	.14182	.00146	5.4739	.43439	.62425	9.2234	.01767	.20915
#2	.14312	.00189	5.4315	.43403	.61589	9.1819	.01765	.21789

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.219	.82008	.00351	4.5980	.12043	4.679	3.5247	21.612
Stddev	.066	.02100	.00048	.0075	.00107	.010	.0245	2.078
%RSD	.16073	2.5606	13.562	.16299	.88842	.2224	.69536	9.6157

#1	41.266	.83493	.00384	4.6033	.11967	4.686	3.5420	20.142
#2	41.172	.80523	.00317	4.5927	.12119	4.671	3.5073	23.081

Sample Name: J4524-02 Acquired: 8/21/2018 18:22:48 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Y-1803 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	54.415
Stddev	1.467
%RSD	2.6965

#1	55.453
#2	53.378

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1908.6	53147.	2968.8	40.782	2329.3
Stddev	4.1	192.	63.5	.499	5.4
%RSD	.21632	.36050	2.1377	1.2246	.23231

#1	1905.7	53012.	2924.0	40.429	2325.5
#2	1911.5	53283.	3013.7	41.135	2333.1

Sample Name: J4538-01 Acquired: 8/21/2018 18:26:45 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: VSS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06144	.01835	.23535	.01507	.00815	208.11	1.2380
Stddev	.00126	.00181	.00262	.00480	.00235	2.56	.0174
%RSD	2.0552	9.8527	1.1151	31.880	28.832	1.2317	1.4051

#1	.06233	-.01962	.23349	.01846	.00649	206.30	1.2257
#2	.06055	-.01707	.23720	.01167	.00982	209.92	1.2503

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00845	.01832	588.21	.14534	.10157	.19359	452.02
Stddev	.00002	.00002	6.57	.00001	.00053	.00355	5.28
%RSD	.25378	.10724	1.1164	.00682	.52523	1.8344	1.1688

#1	.00843	.01831	583.56	.14535	.10119	.19108	455.76
#2	.00846	.01833	592.85	.14533	.10195	.19610	448.29

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5169	136.33	.28167	.00839	.28877	.53454	3.0490
Stddev	.0058	2.07	.00125	.00054	.01654	.00571	.0667
%RSD	.23190	1.5160	.44270	6.4972	5.7290	1.0678	2.1888

#1	2.5128	134.87	.28255	.00877	.27707	.53050	3.0962
#2	2.5211	137.79	.28079	.00800	.30047	.53857	3.0018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.081	.01019	.27628	19.990	5.3327	.00984	3.2478
Stddev	.615	.00027	.00935	.031	.0143	.00161	.0368
%RSD	1.7525	2.6970	3.3836	.15365	.26837	16.351	1.1328

#1	34.647	.01000	.26967	20.012	5.3226	.01097	3.2218
#2	35.516	.01039	.28289	19.968	5.3428	.00870	3.2738

Sample Name: J4538-01 Acquired: 8/21/2018 18:26:45 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: VSS1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23501	10.95	2.0986	F<00000	F148.54
Stddev	.00323	.01	.0312	2.0863	2.29
%RSD	1.3764	.0901	1.4877	1.5412	1.5397

#1	.23273	10.95	2.0765	-133.90	146.92
#2	.23730	10.94	2.1206	-136.85	150.16

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2337.0	36726.	3639.0	43.401	2375.3
Stddev	8.6	172.	5.3	1.017	7.3
%RSD	.36705	.25769	.14685	2.3443	.30915

#1	2330.9	66604.	3635.3	42.681	2370.1
#2	2343.1	66847.	3642.8	44.120	2380.4

Sample Name: J4538-02 Acquired: 8/21/2018 18:30:45 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: VSS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09716	.11076	.35997	.08384	.02062	348.38	5.4955
Stddev	.00998	.00631	.00263	.01877	.00046	4.24	.0879
%RSD	10.276	5.6933	.73165	22.383	2.2452	1.2180	1.5991

#1	.09010	-.11522	.36183	.07057	.02095	345.38	5.4333
#2	.10422	-.10630	.35811	.09711	.02030	351.38	5.5576

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03953	.07071	43.349	.04765	.61597	.23066	F1551.1
Stddev	.00025	.01237	.603	.00351	.00074	.06614	109.4
%RSD	.63518	17.499	1.3899	7.3599	.11985	28.672	7.0539

#1	.03935	.07946	42.923	.05013	.61545	-.18389	1473.7
#2	.03971	.06196	43.775	.04517	.61650	-.27742	1628.4

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.1111	74.154	.20839	.08284	.77192	.32410	5.2346
Stddev	.0286	1.334	.00167	.01262	.01801	.00185	.3643
%RSD	.31400	1.7988	.79968	15.230	2.3334	.57105	5.8428

#1	9.1314	73.211	.20721	.07392	.75919	.32541	5.9770
#2	9.0909	75.097	.20957	.09176	.78466	.32279	6.4921

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	135.17	.00585	1.4644	5.1920	5.2299	.04983	30.920
Stddev	2.30	.00023	.1419	.0479	.0312	.00230	.471
%RSD	1.7038	3.8908	9.6926	.77354	.59673	4.6139	1.5231

#1	133.54	.00569	1.3641	6.1581	5.2078	.04820	30.587
#2	136.80	.00601	1.5648	6.2259	5.2520	.05145	31.253

Sample Name: J4538-02 Acquired: 8/21/2018 18:30:45 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: VSS2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21226	57.14	.20063	F<00000	F.246.08
Stddev	.00374	.02	.00392	3.2985	5.05
%RSD	1.7626	.0392	1.9527	.64977	2.0508

#1	.20962	57.16	.19786	-505.32	242.51
#2	.21491	57.13	.20340	-509.98	249.65

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3334.1	95250.	5222.8	39.355	2158.5
Stddev	4.6	267.	18.3	2.225	3.8
%RSD	.13914	.28001	.34953	5.6546	.17576

#1	3330.8	95062.	5235.7	40.929	2155.9
#2	3337.4	95439.	5209.9	37.782	2161.2

Sample Name: J4538-03 Acquired: 8/21/2018 18:34:49 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: VSS3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04554	.03219	.19845	.01433	.00896	.224.29	2.9974
Stddev	.00190	.00556	.00209	.00351	.00109	1.68	.0232
%RSD	4.1642	17.275	1.0531	24.478	12.149	.75086	.77377

#1	.04420	-.03612	.19697	.01681	.00819	223.10	2.9810
#2	.04688	-.02826	.19993	.01185	.00973	225.48	3.0138

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02106	.02284	399.02	.02222	.22488	.00703	568.90
Stddev	.00015	.00216	7.64	.00004	.00116	.00448	10.79
%RSD	.73330	9.4487	1.0931	.18084	.51384	63.760	1.8971

#1	.02117	.02436	693.61	.02220	.22570	.01020	561.27
#2	.02095	.02131	704.42	.02225	.22406	.00386	576.53

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7530	194.97	.09150	.01855	.73339	.15298	2.1466
Stddev	.0046	2.38	.00028	.00069	.00979	.00021	.0189
%RSD	.09667	1.2212	.30100	3.7192	1.3344	.13650	.87977

#1	4.7563	193.29	.09130	.01806	.72647	.15283	2.1332
#2	4.7498	196.66	.09169	.01904	.74031	.15313	2.1599

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.726	.00534	.42504	9.3289	1.2841	.01606	12.688
Stddev	.670	.00003	.01455	.0259	.0073	.00075	.125
%RSD	1.0201	.65201	3.4229	.27707	.56954	4.6559	.98279

#1	65.252	.00531	.41475	9.3471	1.2789	.01659	12.600
#2	66.200	.00536	.43533	9.3106	1.2893	.01553	12.777

Sample Name: J4538-03 Acquired: 8/21/2018 18:34:49 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: VSS3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22073	20.40	1.1006	F<00000	F 169.31
Stddev	.00310	.01	.0091	.36782	5.93
%RSD	1.4060	.0674	.82396	.22644	3.4996
#1	.21854	20.39	1.0942	-162.69	173.50
#2	.22293	20.41	1.1070	-162.17	165.12
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2519.6	71213.	3941.9	40.221	2240.2
Stddev	.4	144.	4.5	.303	3.0
%RSD	.01592	.20188	.11529	.75436	.13513
#1	2519.3	71111.	3938.7	40.435	2238.1
#2	2519.9	71314.	3945.1	40.006	2242.3

Sample Name: J4538-04 Acquired: 8/21/2018 18:38:50 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: VSS4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05648	.04110	.26049	.02767	.01278	257.30	3.8531
Stddev	.00147	.00149	.00218	.00074	.00078	5.12	.0592
%RSD	2.5946	3.6169	.83548	2.6910	6.0954	1.9917	1.5357

#1	.05544	-.04215	.26203	.02820	.01333	253.68	3.8112
#2	.05751	-.04005	.25895	.02715	.01223	260.93	3.8949

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02284	.02742	491.27	.02935	.19516	.06796	713.40
Stddev	.00030	.00099	8.66	.00124	.00117	.00541	6.50
%RSD	1.3045	3.6126	1.7627	4.2097	.59833	7.9539	.91107

#1	.02263	.02812	485.14	.03022	.19599	.07178	708.80
#2	.02305	.02672	497.39	.02847	.19434	.06414	717.99

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2042	189.79	.10273	.02306	.72288	.17421	4.1832
Stddev	.0017	3.63	.00099	.00002	.00213	.00121	.0285
%RSD	.03278	1.9120	.96498	.10395	.29450	.69550	.68111

#1	5.2030	187.22	.10343	.02304	.72439	.17507	4.2034
#2	5.2054	192.35	.10203	.02308	.72138	.17336	4.1631

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	77.231	.00641	.53623	11.863	2.3903	.02010	15.792
Stddev	1.301	.00061	.00388	.022	.0084	.00226	.238
%RSD	1.6843	9.5756	.72402	.18411	.35008	11.235	1.5087

#1	76.311	.00685	.53897	11.879	2.3962	.02170	15.624
#2	78.151	.00598	.53348	11.848	2.3844	.01850	15.961

Sample Name: J4538-04 Acquired: 8/21/2018 18:38:50 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: VSS4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.24925	27.50	1.1477	F<00000	F193.25
Stddev	.00373	.13	.0161	.94602	2.15
%RSD	1.4962	.4895	1.4018	.44594	1.1111

#1	.24662	27.60	1.1363	-212.81	191.74
#2	.25189	27.41	1.1591	-211.47	194.77

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2532.1	71252.	3978.8	39.678	2257.0
Stddev	3.8	332.	1.1	.336	16.4
%RSD	.14926	.46622	.02890	.84699	.72782

#1	2529.5	71487.	3979.7	39.440	2245.4
#2	2534.8	71017.	3978.0	39.916	2268.6

Sample Name: J4271-09 Acquired: 8/21/2018 18:42:57 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HR-06-082018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14955	.01111	1.2022	.01174	.00560	141.73	.78030
Stddev	.01128	.00180	.0256	.00121	.00047	2.53	.02787
%RSD	7.5425	16.158	2.1254	10.339	8.4117	1.7841	3.5718

#1	.15753	-.00984	1.2203	.01088	.00526	139.94	.80000
#2	.14158	-.01238	1.1841	.01260	.00593	143.52	.76059

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00666	.00531	125.87	.26029	.12475	.44917	.288.48
Stddev	.00020	.00059	3.89	.00825	.00262	.00102	13.38
%RSD	2.9786	11.146	3.0913	3.1696	2.0980	.22731	4.6382

#1	.00652	.00489	128.63	.25445	.12660	.44989	297.94
#2	.00680	.00572	123.12	.26612	.12290	.44845	279.02

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5495	78.496	.24542	.00570	7.7527	.39799	.97305
Stddev	.0713	2.444	.00425	.00177	.2214	.00661	.05556
%RSD	1.5674	3.1139	1.7314	31.081	2.8559	1.6616	5.7097

#1	4.4991	80.224	.24842	.00695	7.9092	.39331	1.0123
#2	4.6000	76.767	.24241	.00444	7.5961	.40266	.93377

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.297	.00522	.21593	2.9595	3.5405	.03277	3.0120
Stddev	.331	.00019	.03514	.0573	.0952	.00091	.0678
%RSD	3.2103	3.6318	16.274	1.9360	2.6894	2.7880	2.2518

#1	10.531	.00535	.24077	3.0000	3.6078	.03341	3.0599
#2	10.064	.00508	.19108	2.9190	3.4732	.03212	2.9640

Sample Name: J4271-09 Acquired: 8/21/2018 18:42:57 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: HR-06-082018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18335	5.284	.33914	F<00000	F100.58
Stddev	.00496	.107	.01226	.54733	.97
%RSD	2.7038	1.699	3.6162	.58283	.96617

#1	.18686	6.360	.34781	-93.523	99.895
#2	.17985	6.209	.33047	-94.297	101.27

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2181.6	51608.	3259.3	42.571	2716.8
Stddev	31.8	719.	133.5	2.363	46.7
%RSD	1.4583	1.1670	4.0963	5.5516	1.7194

#1	2159.1	62117.	3164.9	40.900	2683.7
#2	2204.1	61100.	3353.7	44.242	2749.8

Sample Name: CCV07 Acquired: 8/21/2018 18:46:53 Type: Unk
Method: P4-ICP2(v2365) 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	4.8315	4.8444	4.8240	4.8796	4.8908	3.6131	3.6365	2.4783
Stddev	.0015	.0076	.0076	.0166	.0177	.1694	.0645	.00317
%RSD	.03139	.15672	.15730	.33990	.36126	1.7625	.66900	1.2796

#1	4.8325	4.8390	4.8186	4.8914	4.9033	9.4933	9.5909	2.4559
#2	4.8304	4.8498	4.8293	4.8679	4.8783	9.7329	9.6821	2.5007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4096	23.947	98950	2.4057	1.2303	4.9049	2.4818	24.123
Stddev	.0068	.221	.01046	.0030	.0013	.0089	.0223	.124
%RSD	.28067	.92306	1.0569	.12607	.10276	.18148	.89999	.51541

#1	2.4048	23.791	98211	2.4035	1.2312	4.8986	2.4660	24.035
#2	2.4144	24.103	99690	2.4078	1.2294	4.9112	2.4976	24.211

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4053	1.2254	23.905	2.4625	2.4793	23.890	4.9022	4.8382
Stddev	.0055	.0068	.221	.0257	.0300	.018	.0134	.0133
%RSD	.22964	.55367	.92250	1.0445	1.2103	.07662	.27229	.27437

#1	2.4014	1.2206	23.749	2.4443	2.5006	23.877	4.8927	4.8475
#2	2.4092	1.2302	24.061	2.4807	2.4581	23.903	4.9116	4.8288

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7352	4.8310	4.8044	4.8150	4.8075	4.890	4.8643	F1.6688
Stddev	.0027	.0645	.0004	.0235	.0359	.008	.0453	.6419
%RSD	.05755	1.3358	.00918	.48831	.74657	.1688	.93051	38.465

#1	4.7333	4.8766	4.8047	4.7984	4.7821	4.896	4.8323	1.2149
#2	4.7372	4.7853	4.8041	4.8317	4.8329	4.884	4.8963	2.1227

Sample Name: CCV07 Acquired: 8/21/2018 18:46:53 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F.69300
Stddev	1.0945
%RSD	157.94

#1	1.4669
#2	-.08095

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.1	55040.	2858.6	43.837	2911.6
Stddev	6.9	382.	30.0	.641	1.8
%RSD	.34614	.69423	1.0498	1.4625	.06187

#1	1981.3	55310.	2837.3	43.384	2910.3
#2	1991.0	54770.	2879.8	44.291	2912.9

Sample Name: CCB07 Acquired: 8/21/2018 18:50:40 Type: Unk
Method: P4-ICP2(v2365) 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	.00007	.00090	.00081	.00332	.00082	.00052	.00130
Stddev	.00177	.00163	.00144	.00085	.00089	.00155	.00053
%RSD	2370.5	180.82	176.19	25.710	108.22	299.02	40.579

#1	.00118	.00205	-.00020	-.00271	.00019	-.00058	.00093
#2	-.00133	-.00025	.00183	-.00392	.00145	.00161	.00167

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00001	.02352	.00037	.00004	.00001	.00261
Stddev	.00006	.00009	.01687	.00039	.00002	.00018	.01398
%RSD	153.85	1105.1	71.724	105.00	56.542	1242.6	535.29

#1	.00009	.00007	.01159	-.00010	-.00002	.00011	.01250
#2	.00000	-.00005	.03546	-.00064	-.00006	-.00014	-.00727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.06307	.00008	.00026	.08294	.00013	.00020
Stddev	.00006	.02885	.00002	.00002	.00815	.00046	.00002
%RSD	234.73	45.735	30.110	6.8242	9.8236	353.50	10.955

#1	.00007	-.04268	.00010	.00027	-.08870	.00020	.00021
#2	-.00002	-.08347	.00006	.00025	-.07718	-.00046	.00018

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02088	.00012	.00899	F .03210	.00035	.00094	.00054
Stddev	.00982	.00040	.00827	.00374	.00226	.00133	.00015
%RSD	47.044	331.95	91.946	11.650	639.96	142.35	28.105

#1	.02783	.00040	.00315	-.02945	-.00195	-.00001	-.00043
#2	.01394	-.00016	.01484	-.03474	.00125	.00188	-.00065

Sample Name: CCB07 Acquired: 8/21/2018 18:50:40 Type: Unk
 Method: P4-ICP2(v2365) 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	.00042	.0037	.00003	F<00000	F<00000
Stddev	.00096	.0018	.00002	.91823	1.8971
%RSD	227.96	49.17	71.832	106.31	756.78
#1	-.00026	.0050	-.00002	-1.5130	1.0908
#2	.00111	.0024	-.00005	-.21447	-1.5921
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2063.2	58110.	2882.2	46.652	3254.1
Stddev	5.8	73.	4.5	1.051	10.6
%RSD	.27997	.12591	.15489	2.2529	.32515
#1	2067.3	58058.	2885.4	45.909	3261.6
#2	2059.1	58162.	2879.1	47.395	3246.6

Sample Name: J4271-11 Acquired: 8/21/2018 18:54:47 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HR-06-082018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07215	.00995	.87828	.00946	.00633	149.65	.88070
Stddev	.00196	.00143	.00165	.00129	.00095	2.21	.00567
%RSD	2.7152	14.392	.18830	13.688	15.070	1.4772	.64390

#1	.07076	-.01096	.87944	.00854	.00566	148.09	.87669
#2	.07353	-.00894	.87711	.01037	.00701	151.21	.88471

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00780	.00555	110.04	.24424	.14156	.40209	314.99
Stddev	.00001	.00070	1.07	.00233	.00054	.00400	4.96
%RSD	.17106	12.657	.96902	.95266	.38333	.99414	1.5744

#1	.00781	.00506	109.29	.24260	.14118	.39927	318.49
#2	.00779	.00605	110.79	.24589	.14195	.40492	311.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8381	71.579	.28765	.00548	12.694	.41553	1.1186
Stddev	.0054	.193	.00153	.00064	.097	.00051	.0315
%RSD	.11252	.26936	.53207	11.691	.76183	.12224	2.8173

#1	4.8342	71.443	.28657	.00594	12.625	.41517	1.1409
#2	4.8419	71.716	.28874	.00503	12.762	.41589	1.0963

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.261	.00343	.22413	4.1657	3.9685	.04050	2.9670
Stddev	.083	.00019	.01207	.0204	.0374	.00242	.0158
%RSD	.62332	5.4594	5.3833	.48932	.94304	5.9693	.53229

#1	13.202	.00357	.23266	4.1513	3.9950	.04221	2.9559
#2	13.319	.00330	.21560	4.1801	3.9421	.03879	2.9782

Sample Name: J4271-11 Acquired: 8/21/2018 18:54:47 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: HR-06-082018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.22794	5.840	.46288	F<00000	F111.58
Stddev	.00330	.002	.00167	.55711	1.13
%RSD	1.4478	.0289	.36125	.52882	1.0146
#1	.22561	6.838	.46170	-105.74	112.38
#2	.23027	6.841	.46406	-104.95	110.78
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2274.3	54104.	3423.0	43.385	2728.0
Stddev	2.5	73.	27.2	1.346	3.7
%RSD	.11000	.11365	.79342	3.1024	.13733
#1	2272.5	64156.	3403.8	42.433	2725.4
#2	2276.0	64053.	3442.2	44.337	2730.7

Sample Name: J4271-13 Acquired: 8/21/2018 18:58:41 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HR-06-082018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05741	.01240	.73423	.01000	.00687	160.77	.87239
Stddev	.00411	.00115	.00192	.00071	.00125	1.74	.00870
%RSD	7.1628	9.2610	.26158	7.0892	18.265	1.0845	.99718

#1	.06032	-.01321	.73558	.01050	.00776	159.54	.86624
#2	.05450	-.01158	.73287	.00950	.00598	162.01	.87854

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00822	.00808	148.68	.26000	.17543	.60409	310.14
Stddev	.00023	.00013	1.85	.00117	.00053	.00193	.97
%RSD	2.7376	1.6304	1.2410	.44817	.30037	.31917	.31317

#1	.00806	.00818	147.37	.25918	.17580	.60273	310.83
#2	.00838	.00799	149.98	.26083	.17505	.60545	309.45

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7762	72.106	.30997	.00490	14.582	.47746	.85600
Stddev	.0198	.884	.00030	.00024	.128	.00421	.01167
%RSD	.41454	1.2265	.09543	4.9458	.87817	.88145	1.3633

#1	4.7622	71.480	.30976	.00472	14.492	.47448	.86425
#2	4.7902	72.731	.31018	.00507	14.673	.48043	.84774

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6772	.00181	.25887	4.9737	3.5710	.02909	3.9620
Stddev	.0541	.00018	.01262	.0138	.0048	.00195	.0599
%RSD	.62347	9.7132	4.8739	.27767	.13359	6.7005	1.5106

#1	8.6389	.00169	.26779	4.9640	3.5677	.03047	3.9197
#2	8.7154	.00194	.24994	4.9835	3.5744	.02771	4.0043

Sample Name: J4271-13 Acquired: 8/21/2018 18:58:41 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: HR-06-082018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16035	5.562	.52362	F<00000	F.112.00
Stddev	.00131	.019	.00457	2.2666	2.42
%RSD	.81843	.2832	.87285	2.1383	2.1587

#1	.15942	6.549	.52038	-104.40	110.30
#2	.16128	6.575	.52685	-107.60	113.71

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2271.3	53968.	3433.0	45.017	2674.1
Stddev	2.7	104.	2.2	.715	8.5
%RSD	.12037	.16285	.06344	1.5890	.31955

#1	2269.3	64042.	3434.5	44.511	2668.0
#2	2273.2	63895.	3431.5	45.523	2680.1

Sample Name: J4275-09 Acquired: 8/21/2018 19:02:34 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CL-01-082018 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04670	.00905	.62008	.00567	.00532	117.89	.62533
Stddev	.00490	.00061	.00084	.00275	.00083	1.88	.02471
%RSD	10.487	6.7491	.13494	48.603	15.533	1.5970	3.9515

#1	.04324	-.00862	.62067	.00762	.00474	116.56	.60786
#2	.05017	-.00948	.61949	.00372	.00591	119.22	.64280

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00563	.00633	32.368	.25424	.10642	.34628	.234.71
Stddev	.00013	.00088	1.276	.00045	.00050	.00556	7.41
%RSD	2.2623	13.914	3.9407	.17521	.47010	1.6058	3.1591

#1	.00554	.00695	31.466	.25456	.10677	.35021	229.47
#2	.00572	.00571	33.270	.25393	.10607	.34235	239.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9572	35.449	.20187	.00312	5.9886	.38032	.71916
Stddev	.0081	1.624	.00017	.00111	.2598	.00119	.01006
%RSD	.27404	4.5815	.08508	35.514	4.3387	.31274	1.3992

#1	2.9515	34.300	.20175	.00234	5.8049	.38117	.71204
#2	2.9629	36.597	.20199	.00391	6.1724	.37948	.72627

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.3826	.00331	.15899	5.0949	2.9111	.05655	2.8066
Stddev	.3479	.00047	.00908	.0192	.0870	.00025	.1115
%RSD	4.1507	14.126	5.7136	.31456	2.9893	.43809	3.9713

#1	8.1366	.00298	.15256	6.0814	2.8496	.05673	2.7278
#2	8.6287	.00365	.16541	6.1085	2.9726	.05638	2.8854

Sample Name: J4275-09 Acquired: 8/21/2018 19:02:34 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CL-01-082018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11435	5.755	.14279	F<00000	F>3.613
Stddev	.00409	.009	.00512	1.0752	2.891
%RSD	3.5762	.1471	3.5839	1.2379	3.0878

#1	.11145	5.749	.13917	-87.613	91.569
#2	.11724	5.761	.14640	-86.093	95.657

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2297.6	34622.	3490.8	47.071	2869.9
Stddev	19.1	51.	79.5	.518	18.1
%RSD	.83284	.07843	2.2767	1.1005	.63068

#1	2284.0	64657.	3547.0	47.437	2857.1
#2	2311.1	64586.	3434.6	46.704	2882.7

Sample Name: J4275-11 Acquired: 8/21/2018 19:06:30 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-082018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03802	.00874	.30402	.00610	.00349	114.13	.57374
Stddev	.00061	.00000	.00021	.00306	.00026	2.43	.01074
%RSD	1.6033	.05368	.06754	50.177	7.5176	2.1320	1.8720

#1	.03845	-.00873	.30416	.00826	.00331	112.41	.56614
#2	.03759	-.00874	.30387	.00394	.00368	115.85	.58133

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00543	.00483	33.152	.22478	.10296	.33589	.228.49
Stddev	.00007	.00016	1.485	.00212	.00077	.00016	.48
%RSD	1.3221	3.2171	2.3522	.94174	.75026	.04741	.21155

#1	.00548	.00472	62.102	.22628	.10350	.33600	228.83
#2	.00538	.00494	64.202	.22328	.10241	.33578	228.15

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6559	48.714	.20372	.00200	5.3524	.37567	.57849
Stddev	.0092	1.059	.00034	.00015	.1272	.00003	.01219
%RSD	.34725	2.1731	.16714	7.4049	2.3772	.00750	2.1081

#1	2.6494	47.965	.20348	.00211	5.2624	.37565	.58711
#2	2.6624	49.462	.20396	.00190	5.4424	.37569	.56986

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.123	.04008	.16100	5.2963	3.5971	.02845	3.8330
Stddev	.312	.00072	.00893	.0134	.0166	.00063	.0665
%RSD	2.3757	1.7920	5.5482	.25258	.46271	2.2253	1.7347

#1	12.903	.03957	.16732	5.3058	3.6088	.02800	3.7860
#2	13.344	.04059	.15469	5.2869	3.5853	.02890	3.8800

Sample Name: J4275-11 Acquired: 8/21/2018 19:06:30 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CL-01-082018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11862	5.445	.20970	F<00000	35.755
Stddev	.00283	.009	.00441	.24075	3.219
%RSD	2.3862	.1413	2.1016	.28440	3.7533
#1	.11662	6.451	.20659	-84.822	88.031
#2	.12062	6.438	.21282	-84.482	83.479
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2313.4	54936.	3421.6	45.479	2804.4
Stddev	4.2	196.	8.6	.984	10.5
%RSD	.18255	.30219	.25129	2.1644	.37516
#1	2310.5	65074.	3427.7	44.783	2796.9
#2	2316.4	64797.	3415.5	46.175	2811.8

Sample Name: J4275-13 Acquired: 8/21/2018 19:10:26 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-082018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04572	.01128	.34061	.00744	.00463	124.89	.55546
Stddev	.00165	.00149	.00143	.00145	.00084	2.82	.01005
%RSD	3.6058	13.231	.42071	19.525	18.150	2.2592	1.8092

#1	.04688	-.01023	.33960	.00641	.00522	122.89	.54835
#2	.04455	-.01234	.34162	.00846	.00404	126.88	.56257

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00566	.00397	42.907	.23322	.11081	.44591	.263.26
Stddev	.00019	.00129	1.029	.00267	.00047	.01013	10.30
%RSD	3.3043	32.477	2.3992	1.1440	.42526	2.2724	3.9119

#1	.00580	.00488	42.179	.23511	.11114	.45308	255.98
#2	.00553	.00306	43.635	.23133	.11048	.43875	270.54

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2787	49.404	.22747	.00345	5.3471	.42445	.61058
Stddev	.0081	1.372	.00073	.00144	.0983	.00655	.01316
%RSD	.24773	2.7762	.32234	41.657	1.8386	1.5426	2.1560

#1	3.2730	48.435	.22799	.00244	5.2775	.42908	.60127
#2	3.2845	50.374	.22695	.00447	5.4166	.41982	.61989

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.701	.00577	.18324	4.9247	2.5513	.02987	4.1341
Stddev	.233	.00062	.00090	.0000	.1043	.00129	.0786
%RSD	1.9900	10.825	.49231	.00026	4.0887	4.3307	1.9021

#1	11.536	.00621	.18388	4.9247	2.6250	.03079	4.0785
#2	11.866	.00533	.18261	4.9247	2.4775	.02896	4.1897

Sample Name: J4275-13 Acquired: 8/21/2018 19:10:26 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CL-01-082018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14615	5.696	.15558	F<00000	F100.42
Stddev	.00227	.019	.00331	.79878	2.71
%RSD	1.5511	.2854	2.1272	.85282	2.6941

#1	.14455	6.709	.15324	-94.227	102.33
#2	.14775	6.682	.15792	-93.098	98.504

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2276.2	53929.	3387.3	45.140	2835.4
Stddev	8.3	148.	5.2	.959	6.2
%RSD	.36636	.23107	.15403	2.1251	.21885

#1	2270.3	64033.	3391.0	45.818	2831.0
#2	2282.0	63824.	3383.6	44.461	2839.8

Sample Name: J4275-15 Acquired: 8/21/2018 19:14:22 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CL-01-082018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05909	.00980	.56805	.00653	.00273	135.99	.63515
Stddev	.00233	.00518	.00135	.00143	.00102	1.89	.01402
%RSD	3.9426	52.883	.23739	21.947	37.284	1.3868	2.2078

#1	.05744	-.00613	.56709	.00754	.00201	134.65	.62524
#2	.06073	-.01346	.56900	.00551	.00345	137.32	.64507

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00588	.00439	36.551	.22671	.11287	.43961	.263.10
Stddev	.00020	.00133	.717	.00097	.00119	.00789	10.47
%RSD	3.4394	30.368	1.9619	.42786	1.0525	1.7937	3.9777

#1	.00573	.00533	36.044	.22603	.11203	.44519	255.70
#2	.00602	.00344	37.058	.22740	.11371	.43404	270.50

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4288	42.423	.23345	.00288	3.1245	.40448	.65451
Stddev	.0029	.705	.00067	.00115	.1241	.00154	.01486
%RSD	.08453	1.6625	.28649	39.926	2.0261	.38023	2.2702

#1	3.4267	41.924	.23298	.00207	6.0368	.40340	.64400
#2	3.4308	42.922	.23393	.00370	6.2123	.40557	.66501

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.868	.00522	.16338	7.5195	2.6109	.02002	3.1985
Stddev	.183	.00074	.02705	.0033	.0076	.00188	.0609
%RSD	1.6838	14.186	16.555	.04334	.29009	9.3881	1.9036

#1	10.739	.00470	.14425	7.5218	2.6055	.01869	3.1554
#2	10.997	.00574	.18250	7.5171	2.6162	.02135	3.2415

Sample Name: J4275-15 Acquired: 8/21/2018 19:14:22 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CL-01-082018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13583	5.098	.13497	F<00000	F 38.969
Stddev	.00170	.004	.00341	1.1024	.506
%RSD	1.2482	.0654	2.5267	1.1734	.51178

#1	.13463	6.095	.13256	-93.173	99.327
#2	.13703	6.101	.13738	-94.732	98.611

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2296.0	64184.	3408.9	45.639	2864.5
Stddev	7.6	241.	2.7	.986	6.6
%RSD	.32964	.37516	.07907	2.1595	.23142

#1	2290.7	64014.	3410.8	46.336	2859.8
#2	2301.4	64355.	3407.0	44.942	2869.2

Sample Name: J4275-17 Acquired: 8/21/2018 19:18:17 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CL-01-082018 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05302	.00332	.39421	.00981	.01740	115.55	.62912
Stddev	.00117	.00155	.00927	.00063	.00250	8.46	.01293
%RSD	2.2049	46.570	2.3503	6.4718	14.348	7.3226	2.0553

#1	.05220	-.00441	.38766	.01026	.01917	109.56	.63826
#2	.05385	-.00223	.40076	.00936	.01564	121.53	.61997

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00501	.00209	42.692	.37146	.10379	.29066	.243.64
Stddev	.00057	.00060	.852	.03144	.00101	.00632	2.07
%RSD	11.319	28.469	1.9954	8.4633	.97051	2.1729	.85131

#1	.00461	.00167	43.294	.34923	.10308	.28619	245.10
#2	.00541	.00251	42.089	.39368	.10450	.29512	242.17

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1219	41.325	.23582	.00323	4.6410	.34083	.87985
Stddev	.2586	.695	.00515	.00261	.0876	.03110	.01291
%RSD	8.2832	1.6827	2.1851	80.898	1.8865	9.1252	1.4669

#1	2.9390	41.817	.23218	.00508	4.7029	.31884	.88897
#2	3.3047	40.833	.23947	.00138	4.5791	.36282	.87072

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.154	.06012	.15712	4.8241	3.1293	.08367	.2.7857
Stddev	.155	.00029	.00284	.0623	.0282	.00064	.0292
%RSD	1.5306	.47939	1.8071	1.2910	.90029	.76450	1.0496

#1	10.264	.05991	.15913	4.7801	3.1493	.08412	2.8064
#2	10.044	.06032	.15511	4.8682	3.1094	.08321	2.7650

Sample Name: J4275-17 Acquired: 8/21/2018 19:18:17 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CL-01-082018 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14749	5.222	.15377	F<00000	37.301
Stddev	.00231	.106	.00312	.26616	.469
%RSD	1.5636	1.705	2.0317	.31705	.53752

#1	.14912	6.147	.15598	-84.138	87.633
#2	.14586	6.297	.15156	-83.761	86.969

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2281.6	53540.	3280.0	43.525	2889.8
Stddev	23.9	4375.	89.0	.734	36.3
%RSD	1.0474	6.8855	2.7123	1.6862	1.2566

#1	2298.5	66634.	3217.1	43.006	2915.4
#2	2264.7	60446.	3342.9	44.044	2864.1

Sample Name: J4553-01 Acquired: 8/21/2018 19:22:14 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EPE-P-9(20-2 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05498	.00692	.15337	.01106	.00492	125.63	1.8034
Stddev	.00401	.00075	.00247	.00533	.00173	2.21	.0068
%RSD	7.2883	10.806	1.6096	48.229	35.097	1.7569	.37869

#1	.05215	-.00639	.15163	.00729	.00370	124.07	1.7986
#2	.05781	-.00745	.15512	.01483	.00615	127.19	1.8082

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00953	.00646	368.36	.21293	.14579	.28008	.293.77
Stddev	.00006	.00067	1.15	.00163	.00049	.00371	8.36
%RSD	.61047	10.371	.31187	.76334	.33723	1.3249	2.8471

#1	.00949	.00693	367.55	.21178	.14544	.28270	287.86
#2	.00957	.00598	369.18	.21408	.14613	.27745	299.69

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.3298	139.38	.34432	.00244	2.4155	.28636	.72907
Stddev	.0816	.25	.00006	.00046	.0026	.00201	.01291
%RSD	1.1132	.17795	.01661	18.971	.10552	.70071	1.7704

#1	7.2721	139.20	.34427	.00212	2.4137	.28494	.71995
#2	7.3875	139.55	.34436	.00277	2.4173	.28778	.73820

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	33.089	.00110	.21485	22.563	4.1388	.00190	2.6834
Stddev	.084	.00019	.00608	.012	.1021	.00366	.0135
%RSD	.25271	16.831	2.8307	.05101	2.4677	193.07	.50318

#1	33.030	.00124	.21055	22.554	4.2110	-.00069	2.6739
#2	33.148	.00097	.21915	22.571	4.0666	.00448	2.6930

Sample Name: J4553-01 Acquired: 8/21/2018 19:22:14 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EPE-P-9(20-2 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.23246	11.68	.82766	F<00000	F>8.635
Stddev	.00285	.01	.00421	.26854	1.095
%RSD	1.2280	.0479	.50846	.30817	1.1102

#1	.23044	11.68	.82469	-87.330	97.860
#2	.23447	11.67	.83064	-86.950	99.409

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2201.0	61630.	3351.8	42.592	2549.6
Stddev	2.8	126.	33.8	.675	3.3
%RSD	.12822	.20425	1.0080	1.5840	.13048

#1	2199.0	61719.	3328.0	43.069	2547.2
#2	2203.0	61541.	3375.7	42.115	2551.9

Sample Name: J4553-02 Acquired: 8/21/2018 19:26:16 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EPE-P-9(30-3 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01965	.00440	.06312	.00070	.00179	30.431	.43511
Stddev	.00202	.00002	.00108	.00051	.00105	.727	.00547
%RSD	10.283	.51445	1.7076	73.047	58.941	.90336	1.2581

#1	.02107	-.00441	.06388	.00034	.00104	79.918	.43124
#2	.01822	-.00438	.06236	.00106	.00253	80.945	.43898

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00497	.00113	19.924	.25190	.06392	.32082	147.60
Stddev	.00014	.00020	.352	.00129	.00004	.00070	2.17
%RSD	2.8056	17.539	1.7681	.51367	.06618	.21918	1.4681

#1	.00507	.00127	19.675	.25098	.06389	.32132	146.07
#2	.00487	.00099	20.173	.25281	.06395	.32033	149.13

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.8255	36.185	.17158	.00071	2.7274	.21249	.42838
Stddev	.0008	.333	.00142	.00032	.0559	.00121	.00285
%RSD	.04136	.91999	.82949	45.242	2.0486	.56869	.66485

#1	1.8249	35.949	.17259	.00048	2.6879	.21164	.42636
#2	1.8260	36.420	.17058	.00093	2.7669	.21335	.43039

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.396	.00899	.08636	.44252	3.8751	.00776	1.9912
Stddev	.262	.00039	.00429	.00085	.0321	.00013	.0311
%RSD	1.9568	4.2964	4.9639	.19314	.82823	1.7172	1.5614

#1	13.211	.00926	.08939	.44312	3.8978	.00767	1.9692
#2	13.581	.00872	.08332	.44191	3.8524	.00786	2.0131

Sample Name: J4553-02 Acquired: 8/21/2018 19:26:16 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EPE-P-9(30-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.13326	4.592	.08687	F<00000	32.395
Stddev	.00283	.020	.00128	.23822	2.969
%RSD	2.1200	.4364	1.4743	.45413	4.7578

#1	.13126	4.607	.08597	-52.625	60.296
#2	.13526	4.578	.08778	-52.288	64.494

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2166.0	31253.	3180.0	46.290	2942.0
Stddev	8.7	60.	.6	.263	9.1
%RSD	.40181	.09770	.01782	.56718	.30819

#1	2159.9	61210.	3179.6	46.476	2935.5
#2	2172.2	61295.	3180.4	46.105	2948.4

Sample Name: J4555-03 Acquired: 8/21/2018 19:30:16 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: SB-01-COMP Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09641	.02251	1.5995	.00075	.00816	273.08	2.5825
Stddev	.00447	.00133	.0028	.00671	.00211	4.30	.0257
%RSD	4.6376	5.9072	.17448	890.72	25.839	1.5764	.99396

#1	.09957	-.02157	1.6014	.00399	.00966	270.04	2.5643
#2	.09325	-.02345	1.5975	-.00549	.00667	276.13	2.6006

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01416	.02291	576.33	.44336	.23398	.57511	441.11
Stddev	.00004	.00000	6.69	.00085	.00067	.00054	.07
%RSD	.29581	.00331	1.1612	.19068	.28659	.09329	.01690

#1	.01413	.02291	571.59	.44276	.23350	.57473	441.06
#2	.01419	.02291	581.06	.44396	.23445	.57549	441.16

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.8440	113.22	.53803	.00524	1.9115	.65144	3.1999
Stddev	.0128	1.08	.00006	.00018	.0195	.00222	.0512
%RSD	.21887	.94984	.01185	3.3948	1.0208	.34030	1.5989

#1	5.8531	112.46	.53798	.00512	1.8977	.64987	3.2360
#2	5.8350	113.98	.53807	.00537	1.9253	.65301	3.1637

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.380	.00709	25022	3.1726	3.4002	.06340	12.761
Stddev	.519	.00044	.01068	.0106	.0058	.00109	.106
%RSD	1.0095	6.1665	4.2679	.12927	.17001	1.7130	.82777

#1	51.014	.00678	.25777	8.1800	3.4043	.06263	12.686
#2	51.747	.00740	.24267	8.1651	3.3961	.06416	12.836

Sample Name: J4555-03 Acquired: 8/21/2018 19:30:16 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SB-01-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.51405	19.28	.83164	F<00000	F136.95
Stddev	.01026	.05	.00796	.44357	3.84
%RSD	1.9963	.2422	.95764	.33434	2.8035

#1	.50680	19.25	.82601	-132.36	134.24
#2	.52131	19.31	.83727	-132.99	139.67

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.6	57402.	3199.8	43.215	2436.0
Stddev	1.8	163.	19.9	.698	2.1
%RSD	.08863	.28481	.62043	1.6148	.08520

#1	2051.3	57286.	3185.8	42.722	2437.5
#2	2053.9	57517.	3213.8	43.709	2434.6

Sample Name: CCV08 Acquired: 8/21/2018 19:34:15 Type: Unk
Method: P4-ICP2(v2365) 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	4.8359	4.8607	4.8433	4.8893	4.9500	3.6738	3.3052	.24910
Stddev	.0184	.0059	.0118	.0221	.0081	.1674	.7328	.00026
%RSD	.37976	.12077	.24442	.45183	.16395	1.7299	7.8752	.10405

#1	4.8489	4.8649	4.8517	4.9049	4.9557	9.5555	8.7870	.24928
#2	4.8229	4.8566	4.8350	4.8737	4.9442	9.7922	9.8234	.24892

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4326	23.070	.99370	2.4194	1.2369	4.5581	2.4988	23.090
Stddev	.0016	1.824	.00134	.0043	.0036	.3629	.0032	1.893
%RSD	.06753	7.9069	.13456	.17896	.29109	7.9622	.12830	8.1999

#1	2.4338	21.780	.99464	2.4225	1.2394	4.3015	2.5011	21.752
#2	2.4314	24.359	.99275	2.4163	1.2343	4.8147	2.4966	24.429

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4141	1.2186	23.026	2.4794	2.3336	22.786	4.9425	4.6771
Stddev	.0042	.0015	1.826	.0078	.1642	1.554	.0160	.3540
%RSD	.17531	.12613	7.9313	.31509	7.0372	6.8192	.32421	7.5697

#1	2.4171	1.2197	21.734	2.4849	2.2174	21.687	4.9539	4.4268
#2	2.4111	1.2175	24.317	2.4738	2.4497	23.884	4.9312	4.9275

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7382	4.6252	4.8296	4.6377	4.6451	4.928	4.7243	F1.5905
Stddev	.0085	.3176	.0006	.3488	.3695	.004	.3768	.3081
%RSD	.17859	6.8677	.01339	7.5211	7.9557	.0812	7.9756	19.374

#1	4.7442	4.4006	4.8301	4.3911	4.3838	4.931	4.4579	1.3726
#2	4.7323	4.8498	4.8291	4.8843	4.9064	4.925	4.9907	1.8084

Sample Name: CCV08 Acquired: 8/21/2018 19:34:15 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 2.0299
Stddev	2.0118
%RSD	99.105

#1	.60740
#2	3.4524

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1977.9	55070.	2986.4	46.806	2908.2
Stddev	8.1	212.	185.5	3.166	8.4
%RSD	.41019	.38560	6.2116	6.7649	.28823

#1	1972.1	54920.	3117.6	49.045	2902.2
#2	1983.6	55221.	2855.2	44.567	2914.1

Sample Name: CCB08 Acquired: 8/21/2018 19:38:02 Type: Unk
Method: P4-ICP2(v2365) 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	.00035	.00170	.00053	.00372	.00145	.00583	.00025
Stddev	.00389	.00089	.00017	.00275	.00026	.01946	.00023
%RSD	1097.8	52.617	31.781	73.908	17.757	333.73	94.289

#1	.00311	.00233	.00065	-.00177	.00163	-.01960	-.00041
#2	-.00240	.00107	.00041	-.00566	.00127	.00793	-.00008

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00006	.01780	.00052	.00012	.00025	.00216
Stddev	.00003	.00004	.00594	.00010	.00004	.00033	.01123
%RSD	193.17	69.575	33.364	18.950	32.752	131.87	520.82

#1	.00001	.00003	.02200	-.00059	-.00009	-.00048	.00579
#2	-.00004	.00009	.01360	-.00045	-.00014	-.00002	-.01010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00455	.00027	.00014	.10923	.00004	.00028
Stddev	.00001	.04301	.00032	.00016	.01494	.00058	.00008
%RSD	38.800	944.53	118.22	110.72	13.676	1518.2	27.223

#1	.00003	.02586	-.00049	-.00025	-.11979	-.00037	.00033
#2	.00004	-.03496	-.00004	-.00003	-.09867	.00044	.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03419	.00032	.00035	F .03406	.00230	.00126	.00043
Stddev	.02557	.00053	.00205	.00058	.00035	.00069	.00169
%RSD	74.779	167.29	586.15	1.6884	15.050	54.762	389.71

#1	.01611	.00070	-.00110	-.03365	-.00254	.00174	.00163
#2	.05227	-.00006	.00180	-.03446	-.00205	.00077	-.00076

Sample Name: CCB08 Acquired: 8/21/2018 19:38:02 Type: Unk
Method: P4-ICP2(v2365) 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	.00128	.0022	.00004	F<00000	F<00000
Stddev	.00006	.0007	.00014	.48700	.20684
%RSD	4.3674	31.84	344.69	23.221	22.078

#1	-.00124	.0017	.00014	-2.4416	-.79060
#2	-.00132	.0027	-.00006	-1.7529	-1.0831

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2057.1	57491.	2881.3	46.186	3251.1
Stddev	7.3	207.	20.4	.199	10.1
%RSD	.35558	.36061	.70644	.43146	.31052

#1	2051.9	57345.	2867.0	46.045	3243.9
#2	2062.2	57638.	2895.7	46.327	3258.2

Sample Name: J4555-05 Acquired: 8/21/2018 19:42:09 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SB-02-COMP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12155	.02251	3.3452	.01807	.01218	229.91	3.8630
Stddev	.00102	.00070	.0053	.00828	.00045	5.47	.0880
%RSD	.83608	3.1239	.15946	45.802	3.7280	2.3782	2.2769

#1	.12084	-.02301	3.3414	.02392	.01186	226.05	3.8008
#2	.12227	-.02201	3.3489	.01222	.01250	233.78	3.9252

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01283	.02825	306.33	.50858	.25155	.86277	.526.31
Stddev	.00019	.00011	8.17	.00307	.00000	.00434	2.80
%RSD	1.4825	.39629	2.6680	.60367	.00090	.50335	.53132

#1	.01297	.02817	300.55	.50641	.25155	.85970	528.29
#2	.01270	.02833	312.10	.51075	.25155	.86584	524.34

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.966	110.46	.71049	.01224	3.1784	.69165	5.8844
Stddev	.089	2.78	.00203	.00074	.1137	.00248	.1542
%RSD	.81598	2.5135	.28633	6.0188	3.5773	.35867	2.6207

#1	10.903	108.50	.70905	.01276	3.0980	.68989	5.9935
#2	11.029	112.43	.71192	.01172	3.2588	.69340	5.7754

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.185	.01727	.36569	13.951	2.7780	.11599	9.1526
Stddev	1.220	.00091	.00879	.025	.0076	.00296	.2355
%RSD	2.6407	5.2804	2.4049	.18097	.27504	2.5502	2.5728

#1	45.323	.01663	.37191	13.969	2.7726	.11390	8.9860
#2	47.048	.01792	.35947	13.934	2.7834	.11808	9.3191

Sample Name: J4555-05 Acquired: 8/21/2018 19:42:09 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: SB-02-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.38111	18.10	1.4969	F<00000	F153.59
Stddev	.00764	.01	.0332	.45443	.87
%RSD	2.0049	.0421	2.2208	.25837	.56390

#1	.37571	18.10	1.4734	-175.56	154.20
#2	.38651	18.09	1.5204	-176.20	152.98

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2201.7	62205.	3417.3	43.386	2495.9
Stddev	.6	124.	5.4	1.184	6.6
%RSD	.02720	.19919	.15937	2.7291	.26523

#1	2201.3	62292.	3421.1	42.549	2491.2
#2	2202.2	62117.	3413.4	44.223	2500.6

Sample Name: J4561-02 Acquired: 8/21/2018 19:46:14 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: HUDSON-RIVER Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16168	.00903	7.1574	.01493	.01436	78.904	1.6729
Stddev	.00468	.00150	.0063	.00321	.00120	3.302	.0215
%RSD	2.8974	16.567	.08794	21.495	8.3368	4.1855	1.2839

#1	.16499	-.00797	7.1530	.01266	.01520	76.569	1.6881
#2	.15837	-.01009	7.1619	.01720	.01351	81.239	1.6578

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00572	.01148	300.23	.21386	.08923	5.0538	214.55
Stddev	.00015	.00006	4.71	.00646	.00054	.0128	1.26
%RSD	2.6743	.56564	1.5682	3.0188	.60069	.25362	.58916

#1	.00561	.01152	303.55	.20930	.08885	5.0629	213.65
#2	.00583	.01143	296.90	.21843	.08961	5.0447	215.44

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7492	50.639	.42166	.00541	17.172	.27684	3.4754
Stddev	.0963	.802	.00169	.00044	.214	.00797	.0032
%RSD	3.5022	1.5839	.40094	8.1557	1.2475	2.8777	.09346

#1	2.6811	51.206	.42046	.00572	17.323	.27121	3.4731
#2	2.8173	50.072	.42285	.00510	17.020	.28247	3.4777

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.206	.02226	.15947	36.113	5.3724	1.3091	2.9701
Stddev	.140	.00025	.01189	.142	.0844	.0035	.0614
%RSD	1.0591	1.1040	7.4581	.16532	1.5703	.26654	2.0673

#1	13.305	.02243	.16788	86.213	5.4321	1.3116	3.0135
#2	13.107	.02209	.15106	86.012	5.3128	1.3066	2.9266

Sample Name: J4561-02 Acquired: 8/21/2018 19:46:14 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: HUDSON-RIVER Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11953	.051	1.0444	F<00000	39.529
Stddev	.00203	.009	.0153	.86411	.173
%RSD	1.7009	.0988	1.4646	1.2149	.19314
#1	.12096	9.044	1.0552	-71.739	89.652
#2	.11809	9.057	1.0336	-70.517	89.407
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.5	59327.	3318.9	48.037	2682.7
Stddev	6.7	1735.	95.5	.044	7.2
%RSD	.32772	2.9252	2.8769	.09262	.26937
#1	2042.8	60555.	3251.4	48.006	2677.6
#2	2052.3	58100.	3386.4	48.069	2687.8

Sample Name: J4569-01 Acquired: 8/21/2018 19:50:07 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FK-PS-01-037 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01736	.00170	.02819	.00221	.00109	28.649	.05948
Stddev	.00313	.00159	.00007	.00343	.00005	.286	.00069
%RSD	18.051	93.671	.25677	155.52	4.8121	.99666	1.1583

#1	.01514	-.00057	.02824	.00463	.00105	28.447	.05899
#2	.01958	-.00283	.02814	-.00022	.00113	28.851	.05997

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00107	.00020	7.1767	.08365	.00479	.03447	37.567
Stddev	.00012	.00009	.1097	.00062	.00021	.00050	.848
%RSD	11.153	43.694	1.5292	.74457	4.4566	1.4392	1.2549

#1	.00115	-.00013	7.0991	.08409	.00494	.03482	66.968
#2	.00098	-.00026	7.2543	.08321	.00464	.03412	68.167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.31505	1.5854	.01189	.00016	.13549	.10357	.07302
Stddev	.00105	.0512	.00063	.00022	.01882	.00090	.00111
%RSD	.33323	3.2314	5.2773	133.33	13.888	.86861	1.5180

#1	.31580	1.5492	.01145	.00001	.12219	.10421	.07380
#2	.31431	1.6216	.01233	.00031	.14880	.10294	.07223

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7963	.00222	.03982	1.5416	3.9889	.00513	.49103
Stddev	.0104	.00018	.00138	.0033	.0400	.00044	.00313
%RSD	.58001	8.2853	3.4561	.21346	1.0029	8.6016	.63772

#1	1.8036	.00235	.03885	1.5439	4.0172	.00544	.49325
#2	1.7889	.00209	.04079	1.5392	3.9606	.00482	.48882

Sample Name: J4569-01 Acquired: 8/21/2018 19:50:07 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: FK-PS-01-037 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00526	1.432	.03515	F<00000	27.390
Stddev	.00078	.000	.00029	.22721	.889
%RSD	14.858	.0118	.81360	.84777	3.2445
#1	.00470	1.432	.03495	-26.962	28.018
#2	.00581	1.432	.03535	-26.640	26.762
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.7	59537.	3037.4	46.007	3173.4
Stddev	12.7	145.	16.9	.627	8.5
%RSD	.60748	.24352	.55661	1.3623	.26768
#1	2085.7	59435.	3025.4	45.564	3167.4
#2	2103.7	59640.	3049.3	46.450	3179.4

Sample Name: J4573-03 Acquired: 8/21/2018 19:54:10 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: T25-COMP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12753	.01151	10.858	.00273	.00608	129.53	.90015
Stddev	.00071	.00180	.023	.00311	.00213	1.24	.01923
%RSD	.55741	15.651	.21611	114.07	35.022	.95833	2.1358

#1	.12803	-.01278	10.875	.00492	.00758	128.65	.88656
#2	.12702	-.01023	10.842	.00053	.00457	130.41	.91375

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00670	.00719	270.51	.18672	.13853	.40559	308.94
Stddev	.00004	.00119	6.42	.00073	.00023	.00756	11.51
%RSD	.66118	16.546	2.3715	.39093	.16570	1.8640	3.7239

#1	.00667	.00804	265.97	.18723	.13837	.41094	300.81
#2	.00673	.00635	275.04	.18620	.13869	.40025	317.08

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7273	55.083	.30819	.00535	7.0126	.25677	1.7506
Stddev	.0033	1.493	.00171	.00153	.1508	.00092	.0409
%RSD	.08873	2.7105	.55484	28.608	2.1508	.35948	2.3356

#1	3.7296	54.027	.30940	.00427	6.9060	.25743	1.7217
#2	3.7249	56.139	.30698	.00643	7.1193	.25612	1.7795

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.604	.00985	.20271	.51.796	5.6422	.12550	1.7679
Stddev	.295	.00004	.01986	.292	.1258	.00043	.0393
%RSD	2.5420	.43816	9.7969	.47225	2.2306	.34330	2.2248

#1	11.396	.00988	.18867	62.003	5.5532	.12581	1.7401
#2	11.813	.00982	.21676	61.590	5.7312	.12520	1.7957

Sample Name: J4573-03 Acquired: 8/21/2018 19:54:10 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: T25-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.26930	3.853	.73876	F<00000	F109.38
Stddev	.00266	.025	.01656	1.4604	4.86
%RSD	.98638	.2784	2.2409	1.4761	4.4409

#1	.26742	8.870	.72706	-97.908	105.95
#2	.27118	8.835	.75047	-99.973	112.82

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.9	50996.	3349.6	44.008	2658.3
Stddev	9.8	234.	41.7	.954	14.3
%RSD	.44681	.38345	1.2439	2.1684	.53898

#1	2179.0	60831.	3379.1	44.683	2648.2
#2	2192.8	61162.	3320.1	43.333	2668.4

Sample Name: J4573-07 Acquired: 8/21/2018 19:58:03 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: T26-COMP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16852	.00824	7.8520	.01755	.04242	90.687	2.0639
Stddev	.00231	.00264	.0154	.00283	.00068	.499	.0236
%RSD	1.3701	32.030	.19573	16.102	1.5921	.55053	1.1426

#1	.16688	-.01010	7.8629	.01955	.04290	90.334	2.0473
#2	.17015	-.00637	7.8412	.01555	.04194	91.040	2.0806

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00981	.00977	235.55	.17047	.11590	3.5514	296.96
Stddev	.00004	.00107	2.77	.00120	.00005	.0124	7.39
%RSD	.41039	10.997	1.1760	.70467	.04029	.34955	2.4893

#1	.00984	.01053	233.60	.17132	.11587	3.5602	291.73
#2	.00979	.00901	237.51	.16962	.11593	3.5426	302.19

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.4730	30.678	.29748	.00475	13.436	.31474	2.8027
Stddev	.0009	.378	.00061	.00069	.099	.00102	.0457
%RSD	.02685	1.2315	.20491	14.467	.73457	.32433	1.6324

#1	3.4736	30.411	.29704	.00426	13.366	.31546	2.7703
#2	3.4723	30.945	.29791	.00523	13.506	.31402	2.8350

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.8316	.01524	.20823	9.2046	1.4752	.58544	2.3780
Stddev	.0887	.00047	.00554	.0037	.0095	.00552	.0306
%RSD	.90251	3.0793	2.6613	.04066	.64503	.94277	1.2860

#1	9.7689	.01491	.20431	9.2019	1.4684	.58154	2.3564
#2	9.8944	.01558	.21214	9.2072	1.4819	.58934	2.3996

Sample Name: J4573-07 Acquired: 8/21/2018 19:58:03 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: T26-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18508	25.05	2.2074	F<00000	F103.61
Stddev	.00176	.06	.0254	.17459	.10
%RSD	.94875	.2252	1.1511	.18268	.09942

#1	.18384	25.09	2.1895	-95.695	103.68
#2	.18632	25.01	2.2254	-95.448	103.54

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2160.8	50865.	3321.3	44.882	2709.3
Stddev	9.2	253.	9.8	.643	10.1
%RSD	.42783	.41569	.29637	1.4337	.37416

#1	2154.3	60686.	3328.2	45.337	2702.1
#2	2167.3	61044.	3314.3	44.427	2716.5

Sample Name: J4573-11 Acquired: 8/21/2018 20:01:57 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: T27-COMP Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13109	.00751	3.6278	.01068	.01394	31.023	1.2930
Stddev	.00152	.00114	.0167	.00245	.00023	.849	.0063
%RSD	1.1610	15.138	.45915	22.898	1.6349	1.0474	.48626

#1	.13216	-.00831	3.6160	.01241	.01410	80.423	1.2885
#2	.13001	-.00671	3.6396	.00895	.01378	81.623	1.2974

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00864	.00972	769.75	.14934	.09338	1.2825	249.69
Stddev	.00006	.00041	5.21	.00099	.00046	.0059	5.99
%RSD	.72415	4.2201	.67708	.66361	.48727	.45901	2.3973

#1	.00869	.01001	766.06	.14864	.09306	1.2867	245.45
#2	.00860	.00943	773.44	.15004	.09370	1.2784	253.92

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.9063	33.704	.31065	.00125	10.722	.30193	2.0630
Stddev	.0073	.646	.00036	.00068	.038	.00005	.0162
%RSD	.25124	1.9177	.11542	54.281	.35586	.01493	.78685

#1	2.9011	33.247	.31040	.00077	10.695	.30196	2.0515
#2	2.9115	34.161	.31090	.00173	10.749	.30190	2.0745

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.595	.01142	21148	27.302	2.1045	.37497	2.5732
Stddev	.122	.00049	.01397	.057	.0152	.00013	.0200
%RSD	1.1493	4.2491	6.6047	.20900	.72369	.03364	.77919

#1	10.509	.01107	.20161	27.262	2.0937	.37488	2.5590
#2	10.681	.01176	.22136	27.343	2.1153	.37506	2.5874

Sample Name: J4573-11 Acquired: 8/21/2018 20:01:57 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: T27-COMP Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14247	12.17	2.8171	F<00000	F 30.625
Stddev	.00053	.01	.0116	1.1069	.631
%RSD	.37320	.0982	.41034	1.8945	.69636

#1	.14210	12.16	2.8089	-57.647	91.071
#2	.14285	12.18	2.8252	-59.212	90.178

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.2	56160.	3113.0	44.040	2519.0
Stddev	10.6	49.	20.8	.369	4.8
%RSD	.52836	.08695	.66786	.83694	.19158

#1	2001.7	56126.	3098.3	44.301	2515.6
#2	2016.7	56195.	3127.7	43.779	2522.4

Sample Name: J4545-01 Acquired: 8/21/2018 20:05:52 Type: Unk
Method: P4-ICP2(v2365) 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	.05935	.00392	.19441	.00838	.00412	38.351	.29088
Stddev	.00204	.00168	.00088	.00358	.00028	.300	.00097
%RSD	3.4320	42.994	.45035	42.670	6.8774	.78227	.33466

#1	.06079	-.00273	.19379	.01091	.00392	38.139	.29020
#2	.05791	-.00511	.19502	.00585	.00432	38.564	.29157

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00187	.00145	123.06	.07482	.02554	.11991	46.559
Stddev	.00000	.00032	1.32	.00069	.00047	.00100	1.536
%RSD	.16639	21.925	1.0723	.92010	1.8355	.83052	3.2985

#1	.00188	.00123	122.13	.07433	.02520	.11920	47.645
#2	.00187	.00168	124.00	.07530	.02587	.12061	45.473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.1191	25.229	.19028	.00030	222.67	.14219	.60399
Stddev	.0013	.329	.00066	.00036	2.16	.00034	.02242
%RSD	.11766	1.3053	.34549	122.57	.97099	.24136	3.7126

#1	1.1200	24.996	.18981	.00055	221.14	.14243	.61985
#2	1.1181	25.462	.19074	.00004	224.20	.14195	.58814

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.588	.02484	.88872	26.764	35.350	.00183	1.2947
Stddev	.259	.00013	.00721	.005	.254	.00212	.0022
%RSD	.90754	.53950	.81134	.01714	.38907	115.95	.17172

#1	28.405	.02474	.88362	26.761	65.529	.00333	1.2963
#2	28.772	.02493	.89381	26.767	65.170	.00033	1.2931

Sample Name: J4545-01 Acquired: 8/21/2018 20:05:52 Type: Unk
 Method: P4-ICP2(v2365) 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	.03362	1.271	.84343	F<00000	30.571
Stddev	.00202	.003	.00625	1.2283	.339
%RSD	5.9964	.2309	.74133	14.304	1.1087

#1	.03219	1.273	.83901	-7.7186	30.811
#2	.03504	1.269	.84785	-9.4557	30.331

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.3	54351.	2914.8	44.717	2712.5
Stddev	10.1	320.	28.8	1.859	13.0
%RSD	.52000	.58951	.98666	4.1564	.48087

#1	1935.2	54125.	2894.5	43.403	2703.3
#2	1949.5	54578.	2935.2	46.031	2721.8

Sample Name: J4556-01 Acquired: 8/21/2018 20:09:53 Type: Unk
Method: P4-ICP2(v2365) 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	.00153	.00127	.00147	.00323	.00079	.00819	.00312
Stddev	.00115	.00003	.00034	.00410	.00103	.00462	.00002
%RSD	75.212	2.1512	23.369	126.89	129.71	56.479	.59326

#1	.00071	.00129	.00171	-.00033	.00007	.01146	.00311
#2	.00234	.00125	.00122	-.00613	.00152	.00492	.00314

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00003	.03417	.00050	.00020	.00044	.00822
Stddev	.00005	.00008	.02197	.00008	.00003	.00072	.00026
%RSD	89.612	271.51	64.304	15.679	15.534	164.35	3.1201

#1	.00002	.00003	.01863	-.00055	-.00022	.00007	-.00840
#2	.00008	-.00009	.04971	-.00044	-.00017	-.00094	-.00803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.01026	.00048	.00001	.16712	.00005	.00329
Stddev	.00001	.03761	.00019	.00009	.01179	.00016	.00007
%RSD	33.043	366.56	40.418	752.71	7.0578	313.47	2.2373

#1	.00005	.01634	-.00061	.00007	-.17546	.00017	.00324
#2	.00003	-.03686	-.00034	-.00005	-.15878	-.00006	.00335

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03590	.00051	.00695	.02114	.00882	.00063	.00207
Stddev	.00567	.00004	.00406	.00080	.00073	.00030	.00387
%RSD	15.783	7.4853	58.448	3.7890	8.2765	47.050	187.42

#1	-.03990	-.00049	-.00982	-.02058	.00934	.00042	-.00067
#2	-.03189	-.00054	-.00408	-.02171	.00831	.00084	.00481

Sample Name: J4556-01 Acquired: 8/21/2018 20:09:53 Type: Unk
 Method: P4-ICP2(v2365) 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	.00207	.0040	.00002	F<00000	<00000
Stddev	.00072	.0009	.00000	.12233	.93337
%RSD	34.742	21.55	3.4056	3.2366	802.55

#1	-.00258	.0034	-.00002	-3.6929	.54369
#2	-.00156	.0046	-.00002	-3.8659	-.77629

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.5	50630.	2968.4	48.220	3428.3
Stddev	13.0	166.	71.0	.961	13.8
%RSD	.60499	.27437	2.3907	1.9930	.40397

#1	2157.7	60748.	2918.2	48.900	3438.1
#2	2139.3	60512.	3018.6	47.541	3418.5

Sample Name: J4566-01 Acquired: 8/21/2018 20:14:01 Type: Unk
Method: P4-ICP2(v2365) 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	.00531	.00224	.00010	.00138	.00066	.01342	.02922	.00002
Stddev	.00011	.00172	.00083	.00048	.00037	.01136	.00038	.00002
%RSD	1.9977	76.605	863.76	35.114	55.951	84.701	1.2970	104.70

#1	.00523	-.00345	-.00069	.00103	-.00093	.02145	.02895	-.00003
#2	.00538	-.00103	.00049	.00172	-.00040	.00538	.02948	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	22.853	.00005	.00008	.00455	2.9632	.17221	14.716
Stddev	.00018	.418	.00064	.00015	.00022	.0542	.00111	.434
%RSD	135.23	1.8301	1366.2	191.13	4.9284	1.8305	.64218	2.9517

#1	-.00026	22.557	-.00050	.00019	.00470	2.9249	.17143	14.408
#2	-.00001	23.149	.00040	-.00003	.00439	3.0016	.17299	15.023

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00464	.00029	18.199	.00037	.06717	3.5008	.00219	.07892
Stddev	.00060	.00046	.455	.00067	.00044	.1654	.00050	.00569
%RSD	13.000	157.34	2.4986	181.69	.65160	1.9459	22.752	7.2139

#1	.00507	-.00062	17.878	.00084	.06686	8.3838	.00255	.07489
#2	.00422	.00003	18.521	-.00010	.06748	8.6178	.00184	.08295

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.93438	4.0236	.00294	.00174	.01615	.0345	.10127	<.00000
Stddev	.00830	.0554	.00001	.00337	.00053	.0003	.00120	.17496
%RSD	.88825	1.3761	.27817	193.07	3.2541	.9945	1.1881	21.139

#1	.94025	3.9844	.00294	-.00064	.01652	.0348	.10042	-.70395
#2	.92851	4.0627	.00293	.00413	.01578	.0343	.10212	-.95137

Sample Name: J4566-01 Acquired: 8/21/2018 20:14:01 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.1599
Stddev	.6591
%RSD	20.858

#1	2.6938
#2	3.6259

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.3	56326.	2873.0	45.275	3081.6
Stddev	19.9	80.	11.5	.093	35.5
%RSD	1.0094	.14138	.40189	.20513	1.1506

#1	1961.2	56270.	2881.1	45.341	3056.6
#2	1989.4	56383.	2864.8	45.210	3106.7

Sample Name: J4566-02 Acquired: 8/21/2018 20:18:07 Type: Unk
Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: NUTLEY-DRUM Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00082	.00054	.00104	.00176	.00056	.06445
Stddev	.00056	.00080	.00142	.00287	.00210	.00387	.00059
%RSD	1451.1	97.093	263.30	276.43	119.53	690.25	.90911

#1	-.00044	-.00138	.00046	-.00099	-.00325	.00330	.06487
#2	.00036	-.00026	-.00154	.00307	-.00027	-.00218	.06404

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00003	2.5411	.00073	.00011	.00083	.03089
Stddev	.00009	.00005	.0351	.00030	.00004	.00004	.00675
%RSD	120.17	161.28	1.3814	41.219	35.265	4.8796	21.842

#1	-.00013	-.00006	2.5163	.00052	-.00014	.00080	.03566
#2	-.00001	.00000	2.5659	.00095	-.00009	.00086	.02612

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01683	1.5961	.00083	.00051	2.2136	.00013	.01143
Stddev	.00005	.0506	.00081	.00011	.0236	.00050	.00005
%RSD	.28914	3.1716	97.654	22.149	1.0648	389.82	.45665

#1	.01686	1.5603	.00026	.00059	2.1970	.00022	.01140
#2	.01679	1.6319	.00140	.00043	2.2303	-.00048	.01147

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.87959	.00011	.01607	.16388	.47125	.00147	.00039
Stddev	.00249	.00021	.00520	.00382	.00123	.00044	.00054
%RSD	.28365	190.97	32.356	2.3304	.26143	29.811	140.06

#1	.88135	.00025	.01239	.16658	.47038	.00178	-.00077
#2	.87782	-.00004	.01974	.16118	.47212	.00116	.00000

Sample Name: J4566-02 Acquired: 8/21/2018 20:18:07 Type: Unk
 Method: P4-ICP2(v2365) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: NUTLEY-DRUM Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00173	.0048	.01186	F<00000	.06361
Stddev	.00089	.0024	.00014	.27517	1.8873
%RSD	51.504	49.10	1.1991	11.752	2967.0

#1	.00110	.0065	.01196	-2.1470	-1.2709
#2	.00236	.0032	.01176	-2.5362	1.3982

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2035.8	57975.	2852.3	44.575	3227.9
Stddev	5.7	121.	17.3	.286	11.7
%RSD	.28138	.20934	.60635	.64174	.36172

#1	2031.8	57890.	2840.1	44.777	3219.6
#2	2039.9	58061.	2864.6	44.373	3236.1

Sample Name: CCV09 Acquired: 8/21/2018 20:22:15 Type: Unk
Method: P4-ICP2(v2365) 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	4.7997	4.8436	4.8452	4.8678	4.9319	9.5179	9.8044
Stddev	.0035	.0121	.0042	.0085	.0125	.0868	.1709
%RSD	.07344	.25077	.08616	.17546	.25411	.91180	1.7425

#1	4.8022	4.8350	4.8482	4.8618	4.9408	9.4565	9.6836
#2	4.7972	4.8521	4.8423	4.8739	4.9230	9.5792	9.9252

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4774	2.4382	24.395	9.9712	2.4143	1.2310	4.6397
Stddev	.00105	.0014	.600	.00387	.0028	.0062	.1232
%RSD	.42408	.05651	2.4612	.38768	.11510	.50291	2.6547

#1	2.4700	2.4392	23.970	9.9439	2.4123	1.2353	4.7268
#2	2.4848	2.4373	24.820	9.9985	2.4163	1.2266	4.5526

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4892	24.525	2.4076	1.2119	24.414	2.4673	2.3960
Stddev	.0042	.727	.0008	.0009	.382	.0004	.0777
%RSD	.16663	2.9653	.03431	.07146	1.5649	.01805	3.2439

#1	2.4863	24.011	2.4070	1.2125	24.144	2.4676	2.4510
#2	2.4922	25.039	2.4082	1.2112	24.685	2.4670	2.3411

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.808	4.9240	4.8555	4.7117	4.8980	4.8455	4.9118
Stddev	.447	.0060	.1100	.0124	.0911	.0046	.0950
%RSD	1.8778	.12240	2.2650	.26374	1.8595	.09446	1.9333

#1	23.491	4.9282	4.7777	4.7204	4.8336	4.8423	4.8447
#2	24.124	4.9197	4.9332	4.7029	4.9624	4.8488	4.9790

Sample Name: CCV09 Acquired: 8/21/2018 20:22:15 Type: Unk
Method: P4-ICP2(v2365) 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	4.9205	4.914	5.0266	F<00000	F 3.3669
Stddev	.0990	.014	.0962	.40357	.1048
%RSD	2.0111	.2928	1.9138	186.43	3.1115
#1	4.8505	4.924	4.9586	.06889	3.4409
#2	4.9905	4.903	5.0947	-.50184	3.2928
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2007.4	56026.	2846.3	46.063	2946.1
Stddev	5.3	95.	21.0	1.484	2.5
%RSD	.26347	.17006	.73951	3.2220	.08540
#1	2003.7	55959.	2861.2	45.014	2944.3
#2	2011.2	56093.	2831.4	47.113	2947.8

Sample Name: CCB09 Acquired: 8/21/2018 20:26:02 Type: Unk
Method: P4-ICP2(v2365) 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	.00233	.00143	.00043	.00473	.00105	.00172	.00106
Stddev	.00193	.00130	.00004	.00569	.00061	.00816	.00006
%RSD	82.932	91.132	10.266	120.19	58.156	472.99	5.5188

#1	.00096	.00051	.00046	-.00071	.00148	.00404	.00102
#2	.00369	.00235	.00039	-.00876	.00062	-.00749	.00110

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00012	.00922	.00025	.00025	.00010	.00645
Stddev	.00004	.00004	.00344	.00027	.00007	.00011	.00785
%RSD	185.75	34.948	37.294	108.57	29.419	118.01	121.81

#1	.00001	.00015	.00679	-.00044	.00030	-.00018	.00089
#2	-.00005	.00009	.01166	-.00006	.00020	-.00002	.01200

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.01106	.00012	.00042	.11141	.00068	.00028
Stddev	.0001	.01499	.00051	.00007	.00790	.00010	.00010
%RSD	4204.9	135.53	421.28	17.138	7.0923	14.595	37.538

#1	-.00005	-.02166	-.00024	.00037	-.10583	-.00075	.00020
#2	.00004	-.00046	.00048	.00047	-.11700	-.00061	.00035

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00397	.00004	.00788	F .03319	.00399	.00217	.00303
Stddev	.01589	.00037	.02001	.00591	.00237	.00080	.00072
%RSD	400.42	965.91	253.88	17.798	59.315	36.903	23.690

#1	.00727	.00022	.02203	-.02901	-.00567	.00274	-.00252
#2	-.01521	-.00030	-.00627	-.03736	-.00232	.00160	-.00354

Sample Name: CCB09 Acquired: 8/21/2018 20:26:02 Type: Unk
 Method: P4-ICP2(v2365) 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	.00043	.0024	.00005	F<00000	F<00000
Stddev	.00117	.0021	.00013	1.0186	.00071
%RSD	273.03	86.93	282.07	34.580	.07091
#1	-.00040	.0038	.00005	-3.6658	-1.0073
#2	.00126	.0009	-.00014	-2.2253	-1.0063
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.2	57479.	2910.5	46.457	3249.9
Stddev	8.0	319.	19.4	.196	20.2
%RSD	.38975	.55445	.66757	.42203	.62302
#1	2048.6	57253.	2896.7	46.595	3235.6
#2	2059.9	57704.	2924.2	46.318	3264.2