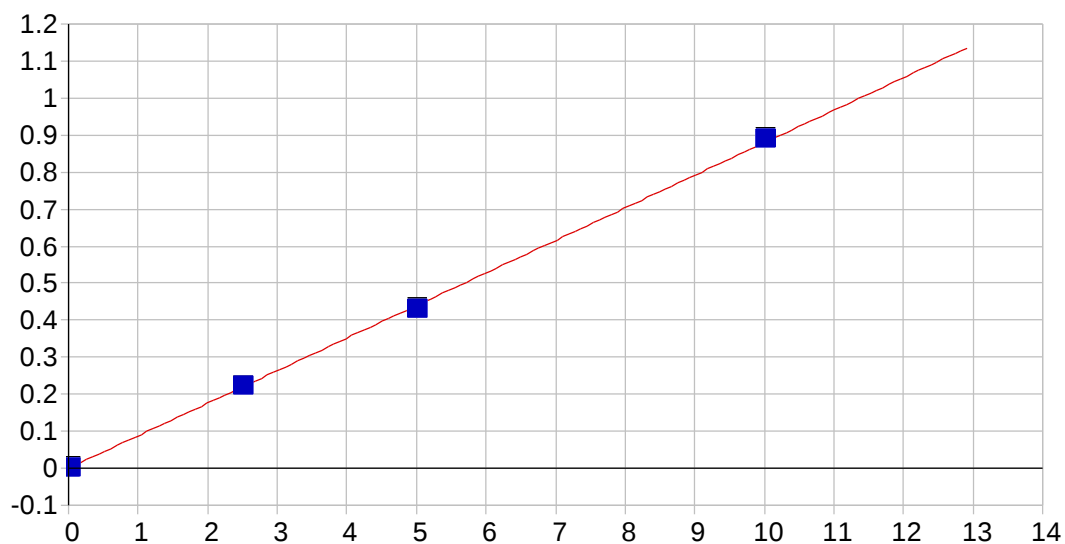




As 189.042 {478}

Date of Fit: 8/15/2018 18:17:16

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000015

Re-Slope: 1.000000

A1 (Gain): 0.087932

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999869

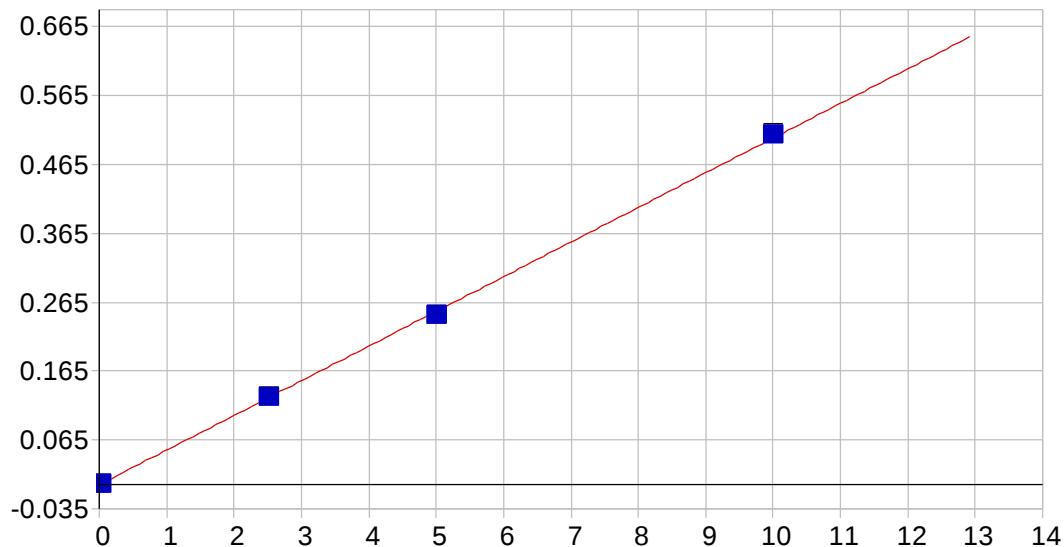
Status: OK.

Std Error of Est: 0.000034

Predicted MDL: 0.003552

Predicted MQL: 0.011840

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.02000	.02274	.003	13.7	.00198	.000	1
S3	2.5000	2.5237	.024	.949	.22189	.001	1
S4	5.0000	4.8768	-.123	-2.46	.42878	.003	1
S5	10.000	10.097	.097	.968	.88776	.005	1



As 189.042 {479}

Date of Fit: 8/15/2018 18:17:16

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000059

Re-Slope: 1.000000

A1 (Gain): 0.050353

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999868

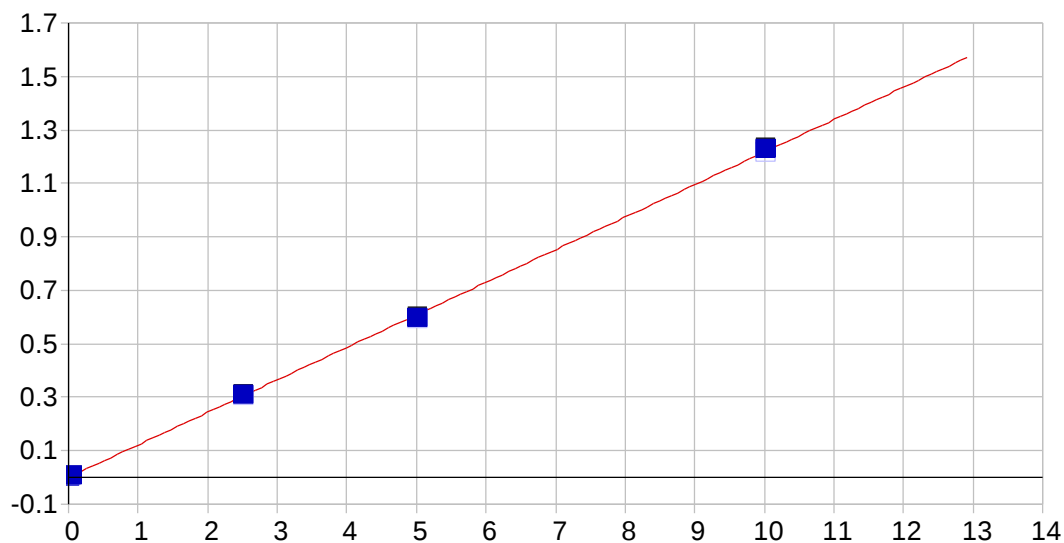
Status: OK.

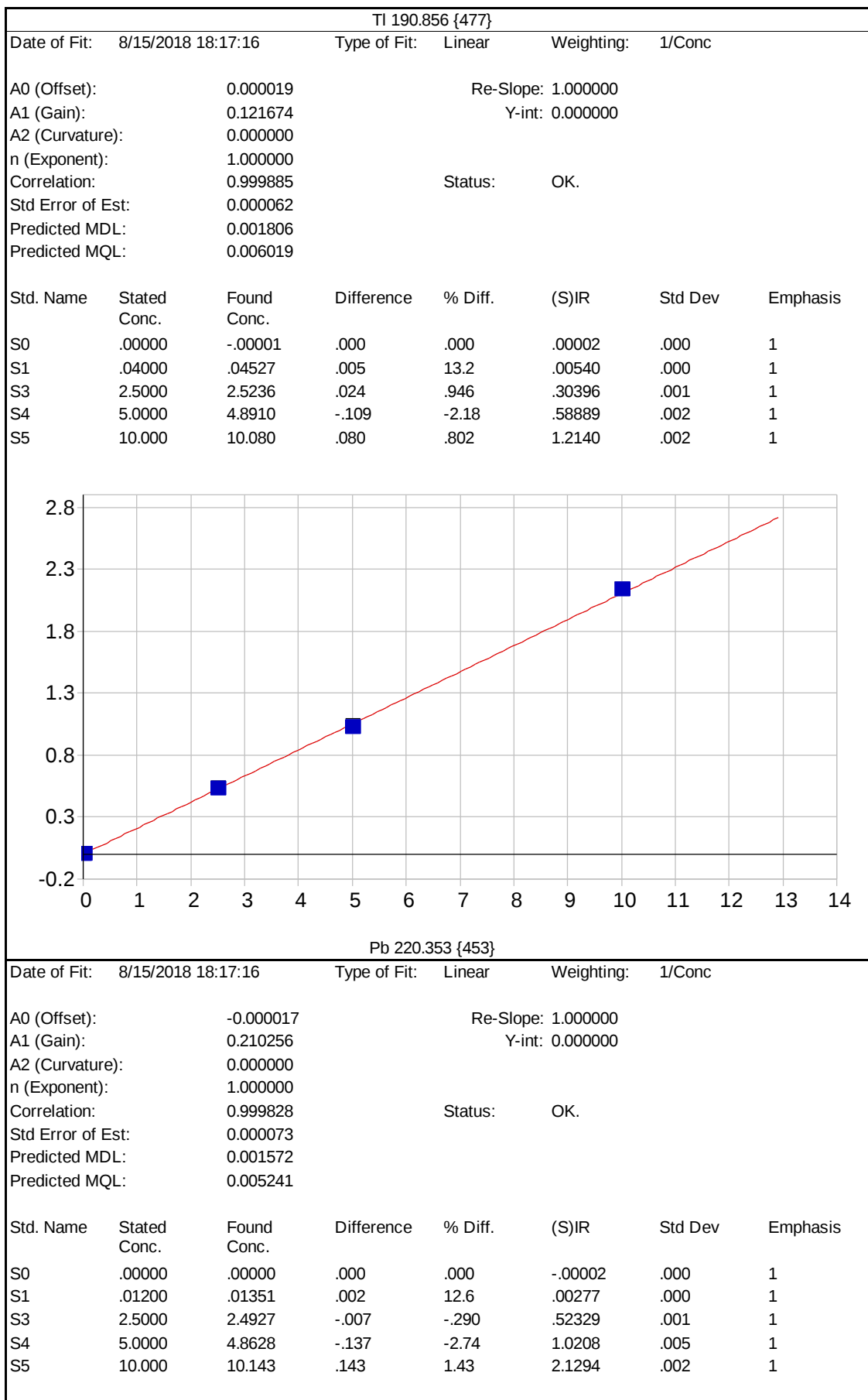
Std Error of Est: 0.000020

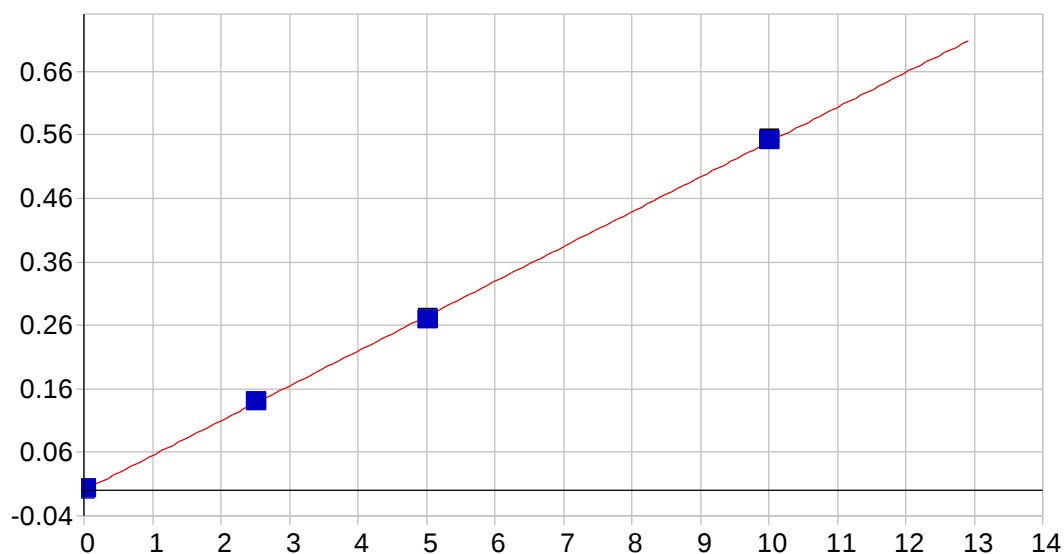
Predicted MDL: 0.003911

Predicted MQL: 0.013036

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.02000	.02202	.002	10.1	.00105	.000	1
S3	2.5000	2.5307	.031	1.23	.12736	.000	1
S4	5.0000	4.8738	-.126	-2.52	.24534	.001	1
S5	10.000	10.093	.093	.934	.50814	.001	1





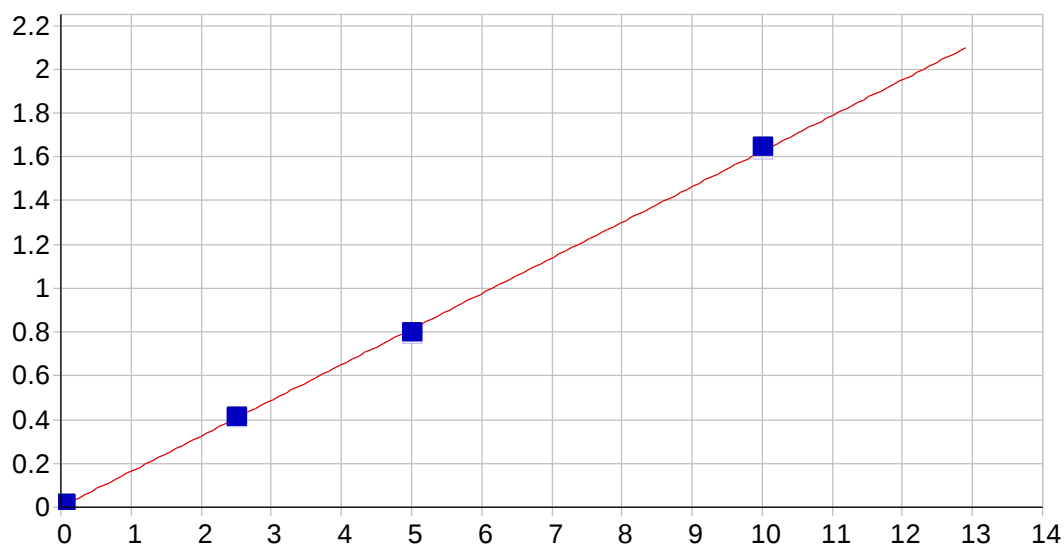


Se 196.090 {472}

Date of Fit: 8/15/2018 18:17:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000018 Re-Slope: 1.000000
 A1 (Gain): 0.054824 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999876 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.004467
 Predicted MQL: 0.014890

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00002	.000	1
S1	.02000	.02511	.005	25.5	.00140	.000	1
S3	2.5000	2.5435	.043	1.74	.13947	.000	1
S4	5.0000	4.8994	-.101	-2.01	.26863	.001	1
S5	10.000	10.052	.052	.520	.55113	.001	1

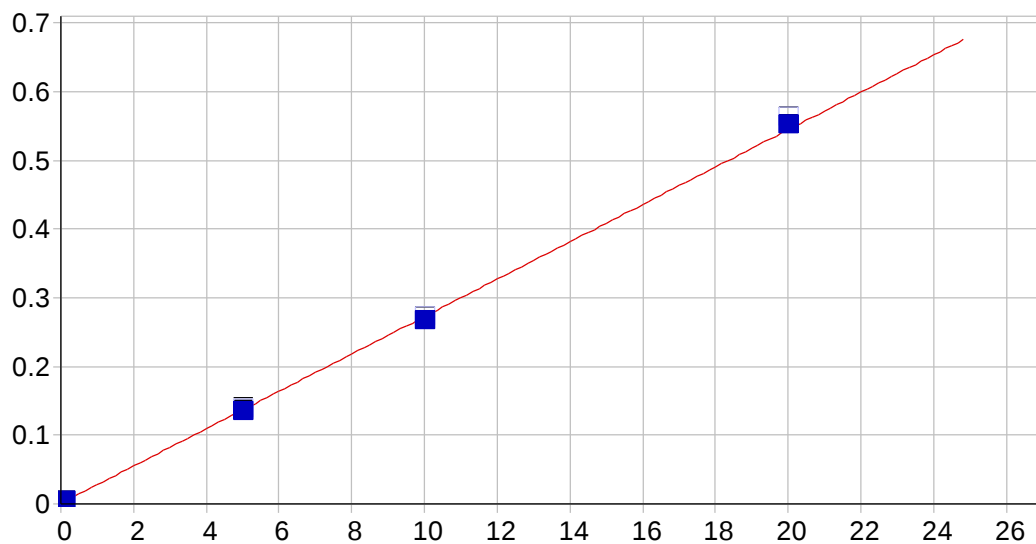


Sb 206.833 {463}

Date of Fit: 8/15/2018 18:17:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000365 Re-Slope: 1.000000
 A1 (Gain): 0.162517 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999885 Status: OK.
 Std Error of Est: 0.000093
 Predicted MDL: 0.002073
 Predicted MQL: 0.006910

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00036	.000	1
S1	.05000	.05325	.003	6.49	.00882	.000	1
S3	2.5000	2.5182	.018	.727	.40504	.001	1
S4	5.0000	4.8837	-.116	-2.33	.78492	.003	1
S5	10.000	10.095	.095	.949	1.6227	.002	1

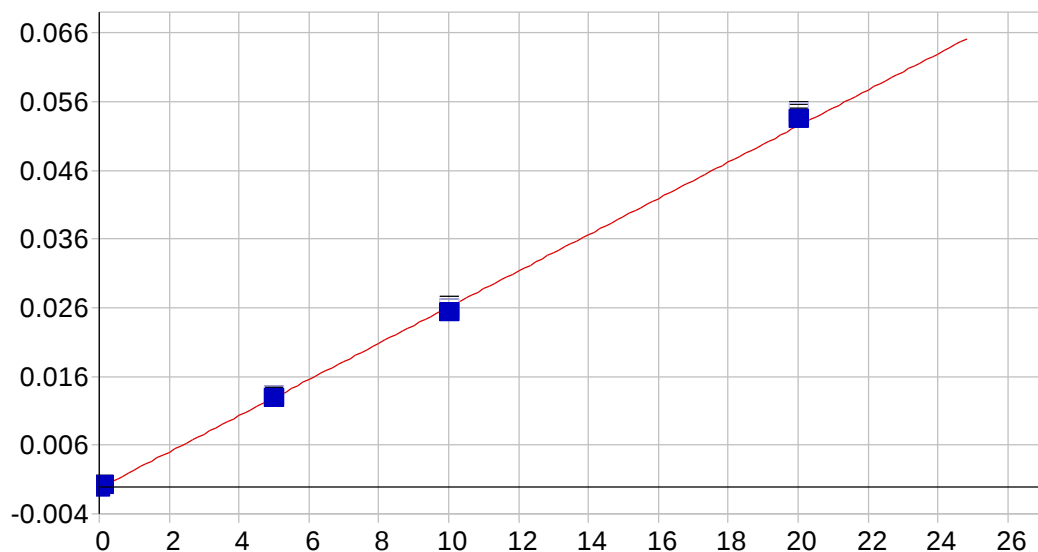


Al 308.215 {109}

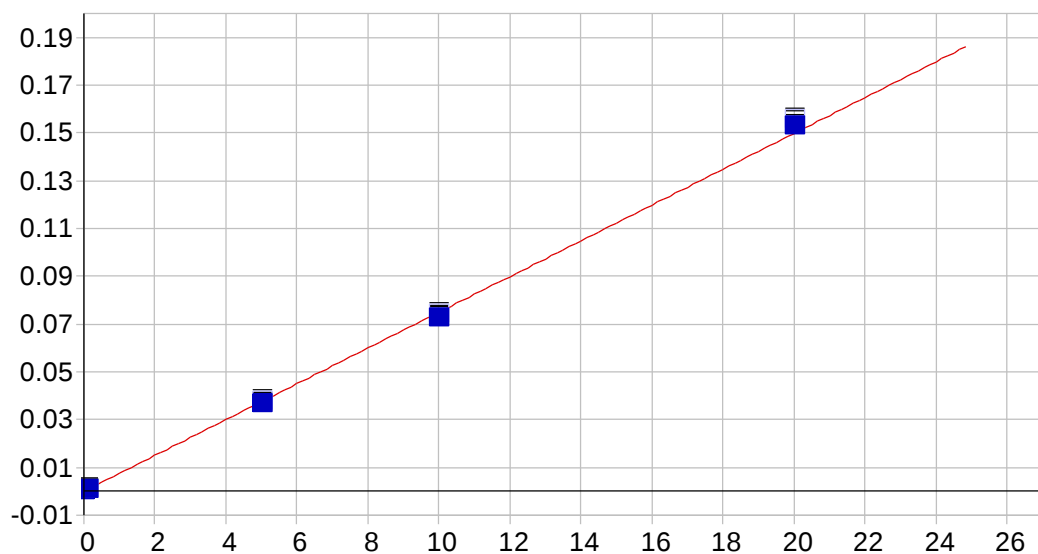
Date of Fit: 8/15/2018 18:17:16 Type of Fit: Linear Weighting: 1/Conc

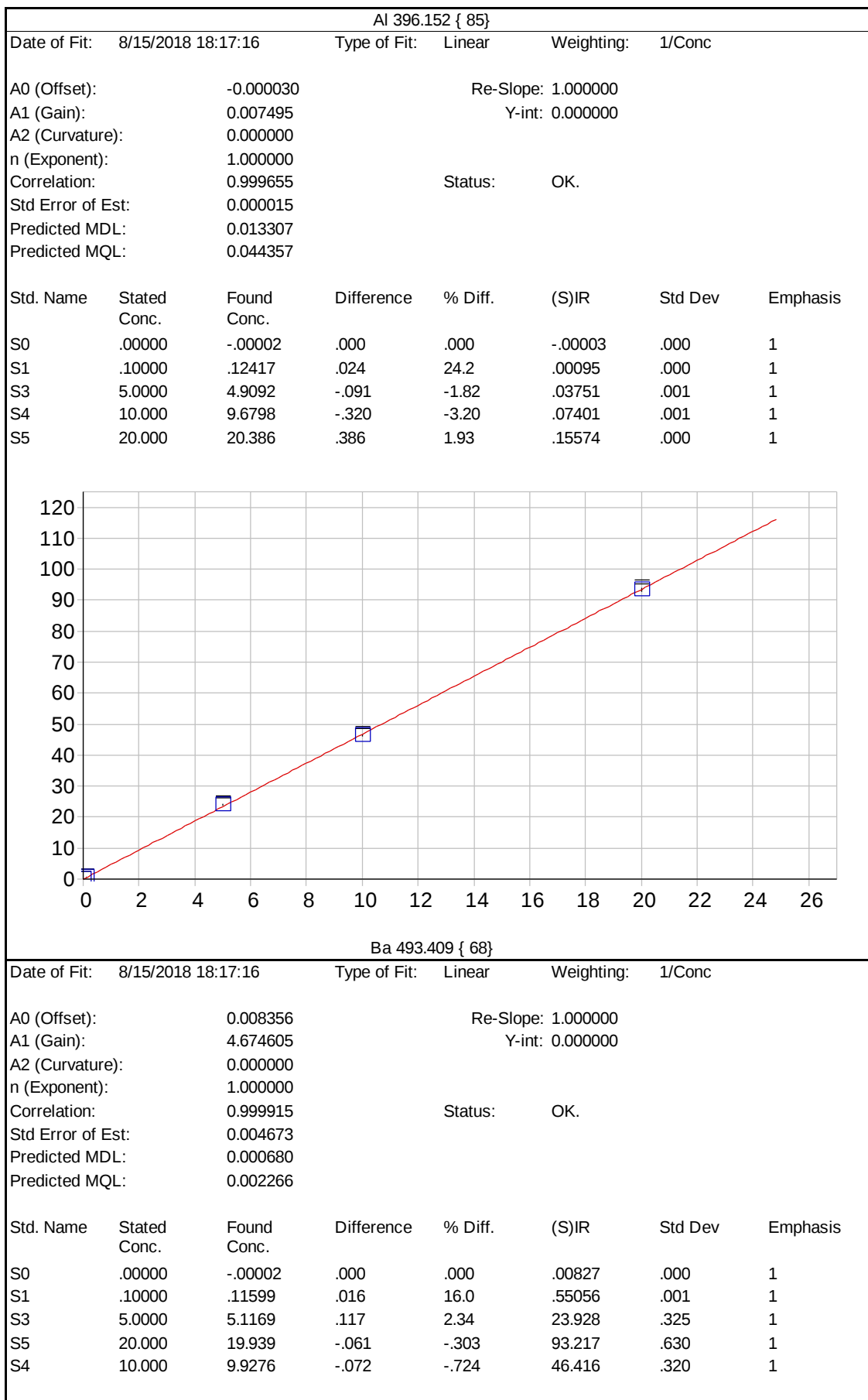
A0 (Offset): 0.000761 Re-Slope: 1.000000
 A1 (Gain): 0.027198 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.003784
 Predicted MQL: 0.012614

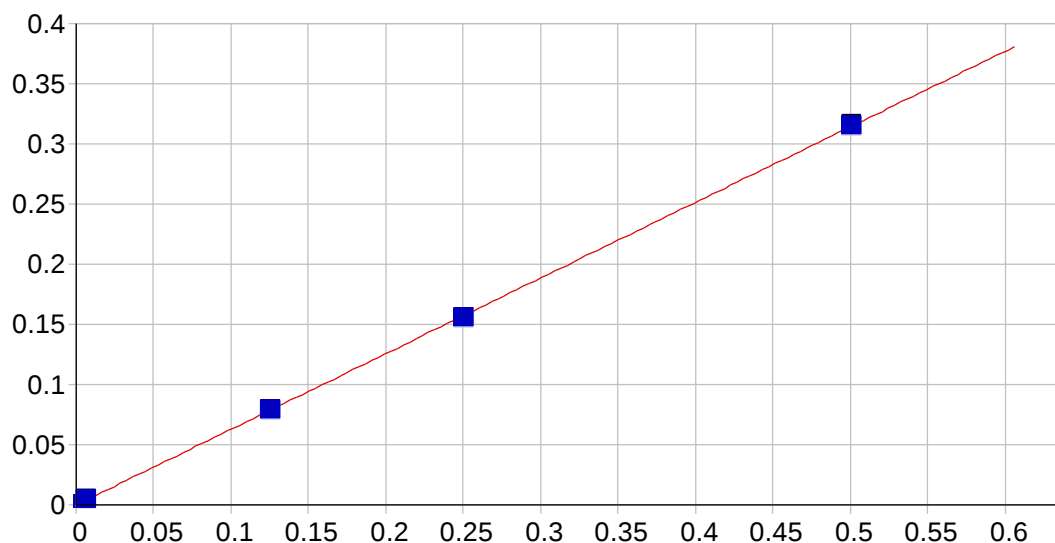
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00076	.000	1
S1	.10000	.11297	.013	13.0	.00402	.000	1
S3	5.0000	4.9346	-.065	-1.31	.13768	.001	1
S4	10.000	9.7859	-.214	-2.14	.27234	.000	1
S5	20.000	20.266	.266	1.33	.56279	.000	1



AI 309.271 {109}							
Date of Fit: 8/15/2018 18:17:16		Type of Fit: Linear		Weighting: 1/Conc			
A0 (Offset):		-0.000269		Re-Slope: 1.000000			
A1 (Gain):		0.002634		Y-int: 0.000000			
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.999778		Status: OK.			
Std Error of Est:		0.000004					
Predicted MDL:		0.026028					
Predicted MQL:		0.086760					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00027	.000	1
S1	.10000	.10393	.004	3.93	.00002	.000	1
S3	5.0000	4.9696	-.030	-.608	.01308	.000	1
S4	10.000	9.6840	-.316	-3.16	.02576	.000	1
S5	20.000	20.342	.342	1.71	.05436	.000	1





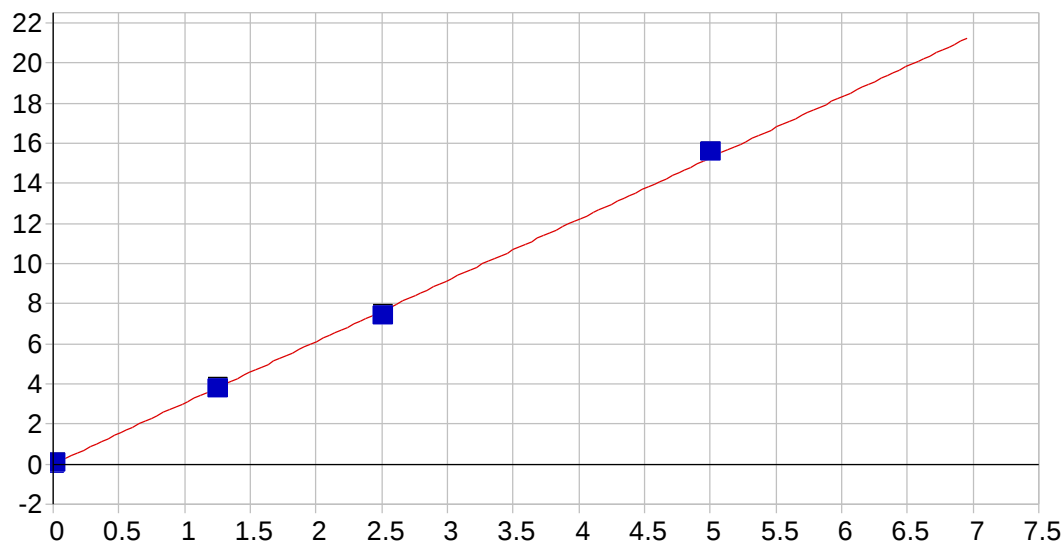


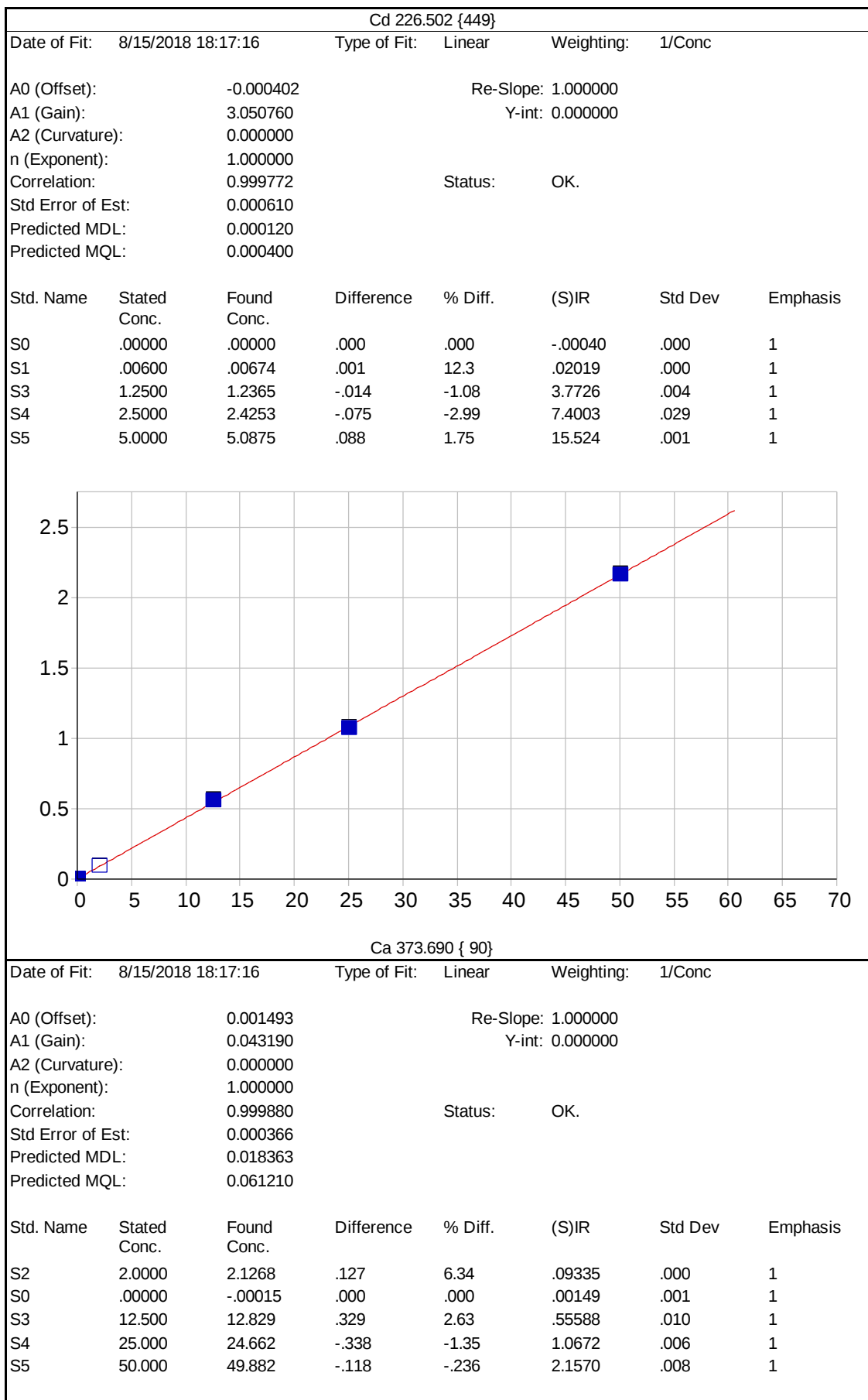
Be 234.861 {144}

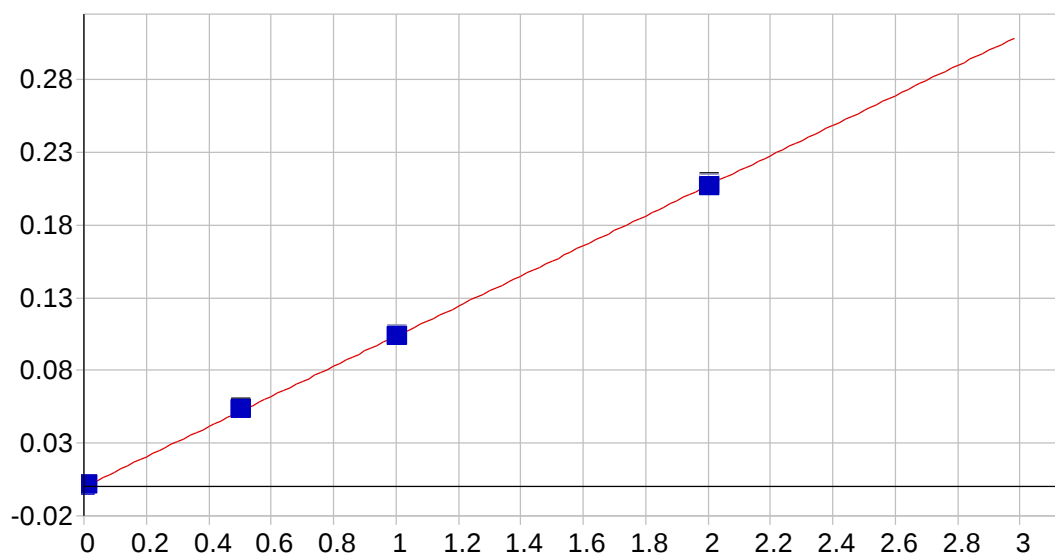
Date of Fit: 8/15/2018 18:17:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.628189 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999850 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.000084
 Predicted MQL: 0.000279

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.00600	.00714	.001	19.0	.00447	.000	1
S3	.12500	.12488	.000	-.096	.07799	.001	1
S4	.25000	.24696	-.003	-1.21	.15418	.000	1
S5	.50000	.50203	.002	.405	.31342	.001	1





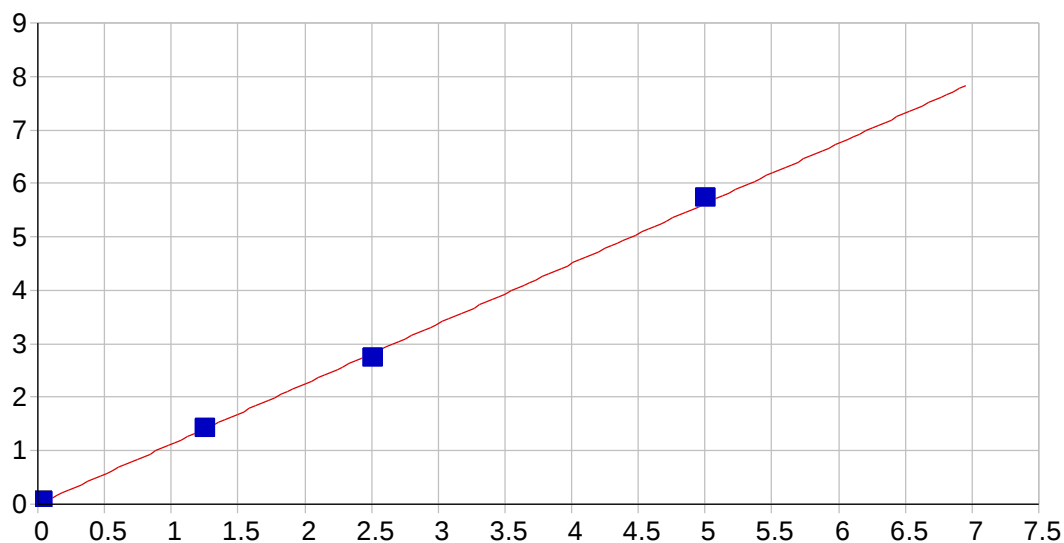


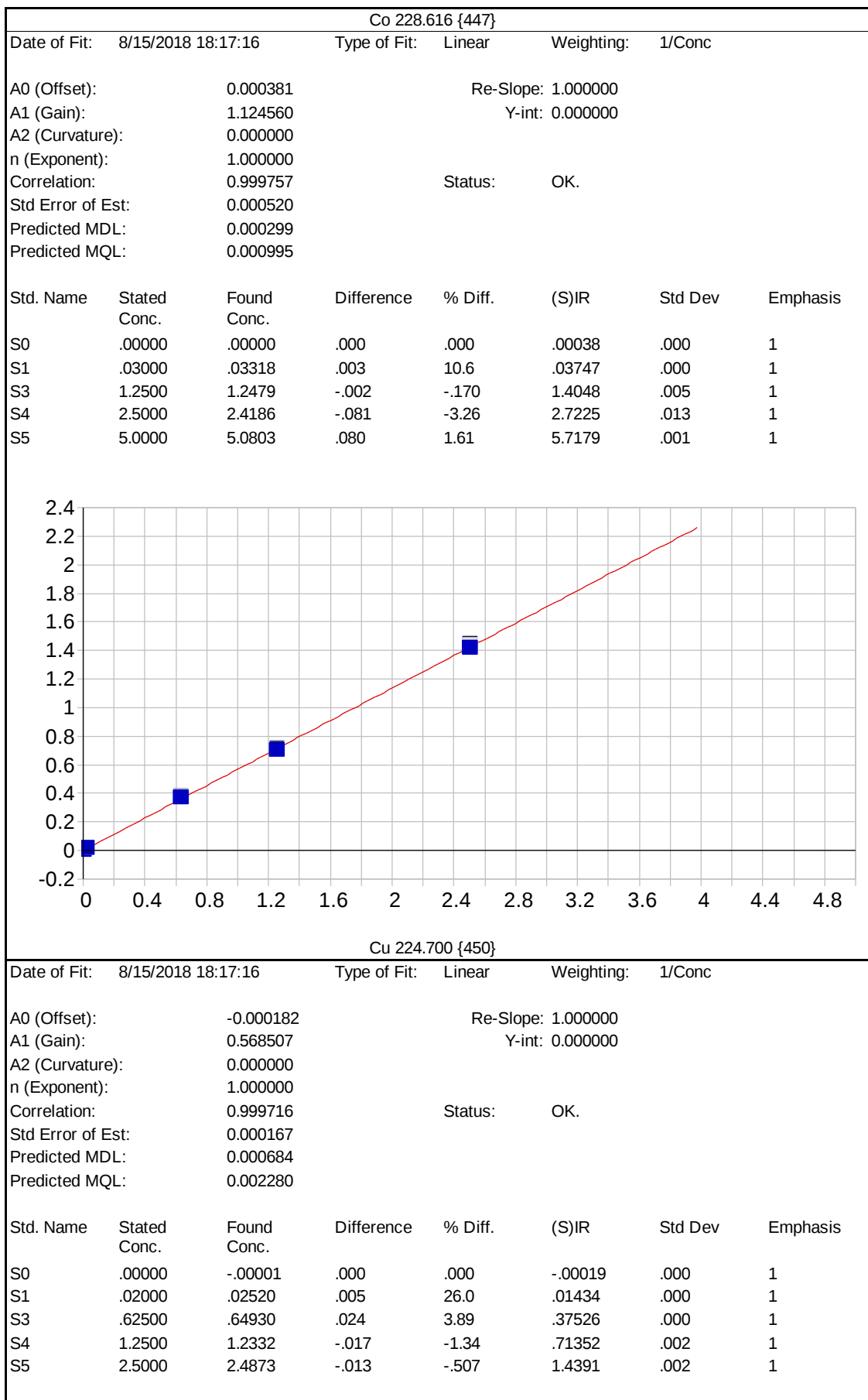
Cr 267.716 {126}

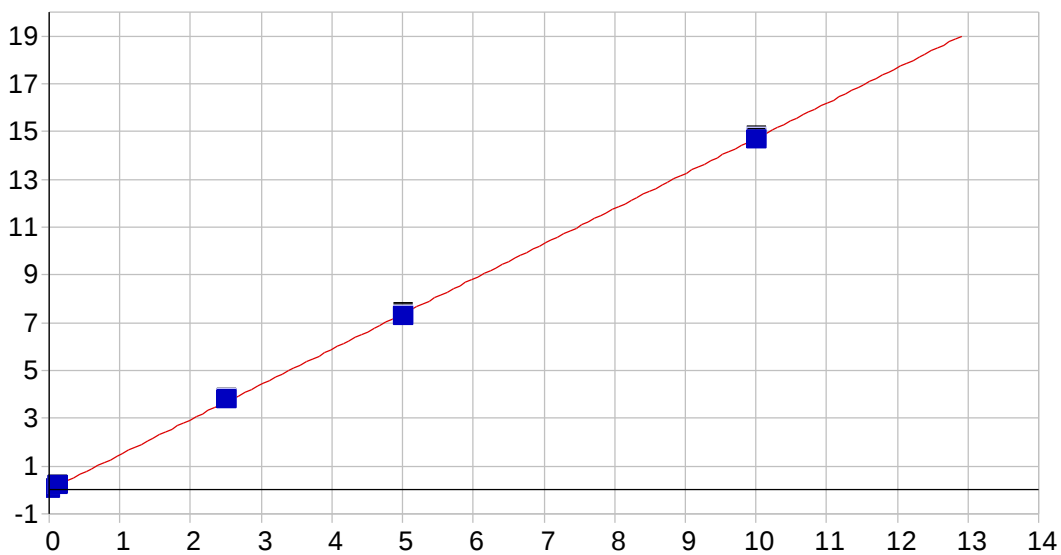
Date of Fit: 8/15/2018 18:17:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000005 Re-Slope: 1.000000
 A1 (Gain): 0.103505 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999916 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.000636
 Predicted MQL: 0.002121

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01192	.002	19.2	.00123	.000	1
S3	.50000	.50956	.010	1.91	.05312	.000	1
S4	1.0000	.99564	-.004	-.436	.10382	.000	1
S5	2.0000	1.9929	-.007	-.356	.20781	.001	1





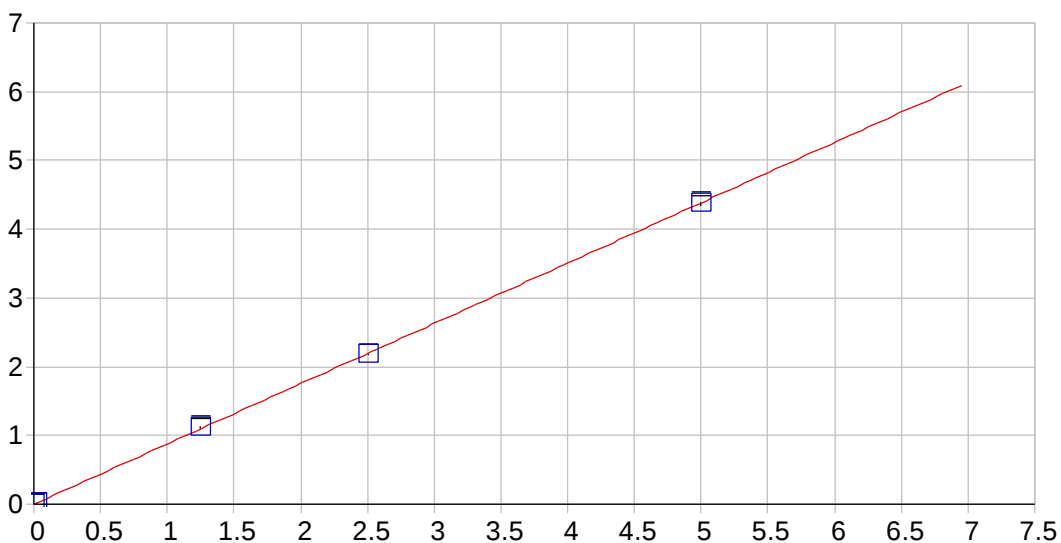


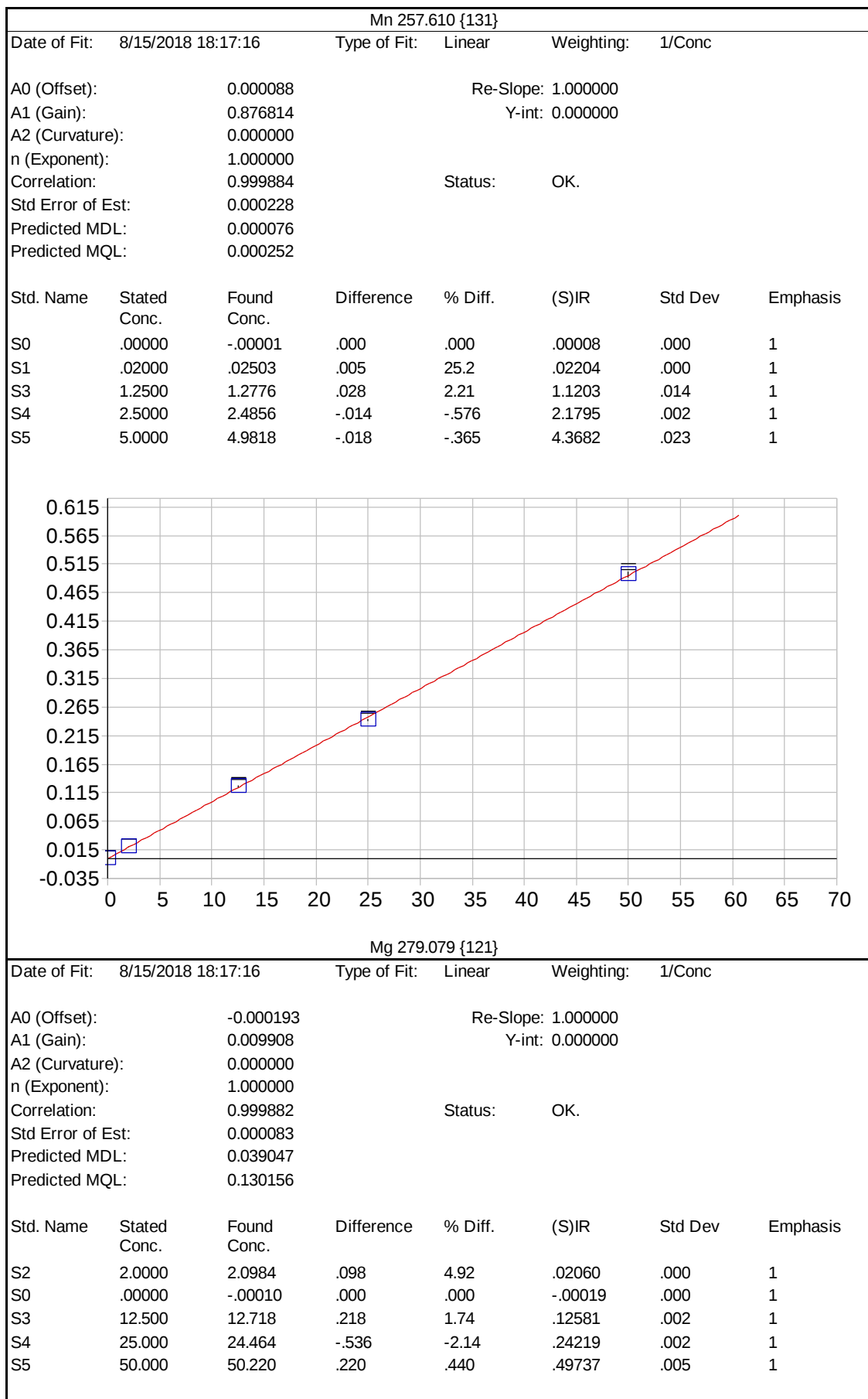
Fe 240.488 {140}

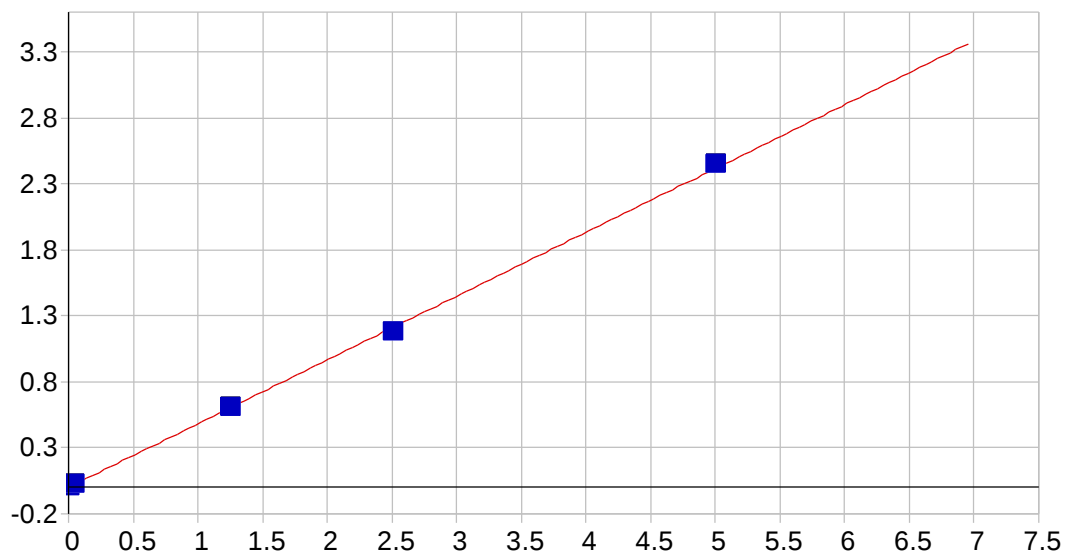
Date of Fit: 8/15/2018 18:17:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000919 Re-Slope: 1.000000
 A1 (Gain): 1.471952 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999702 Status: OK.
 Std Error of Est: 0.001956
 Predicted MDL: 0.009642
 Predicted MQL: 0.032141

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	-.00096	.002	1
S1	.10000	.12706	.027	27.1	.18683	.002	1
S3	2.5000	2.5754	.075	3.02	3.8085	.018	1
S4	5.0000	4.9341	-.066	-1.32	7.2988	.103	1
S5	10.000	9.9634	-.037	-.366	14.739	.050	1







Ni 231.604 {445}

Date of Fit: 8/15/2018 18:17:16

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000347

Re-Slope: 1.000000

A1 (Gain): 0.483170

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999815

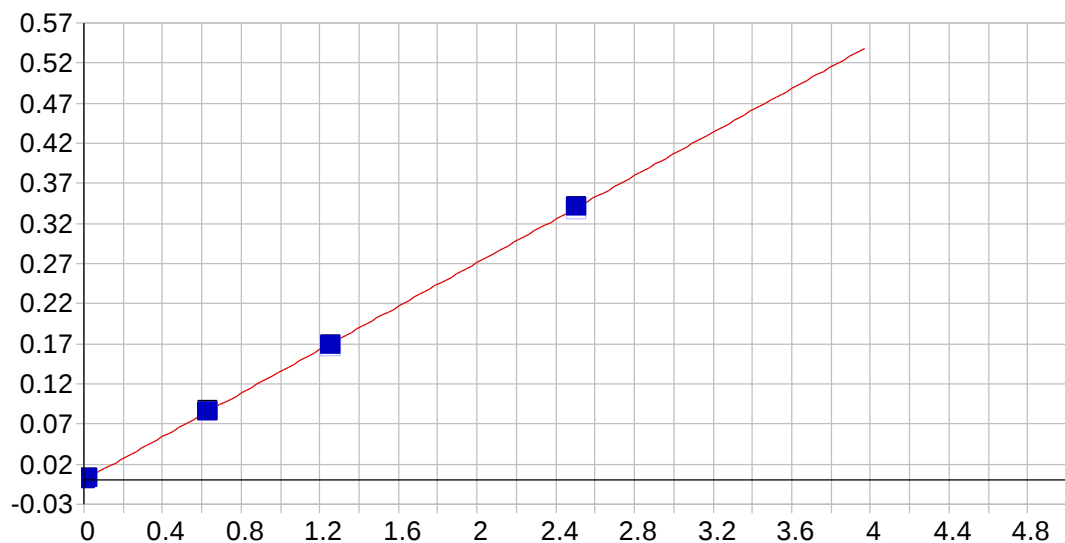
Status: OK.

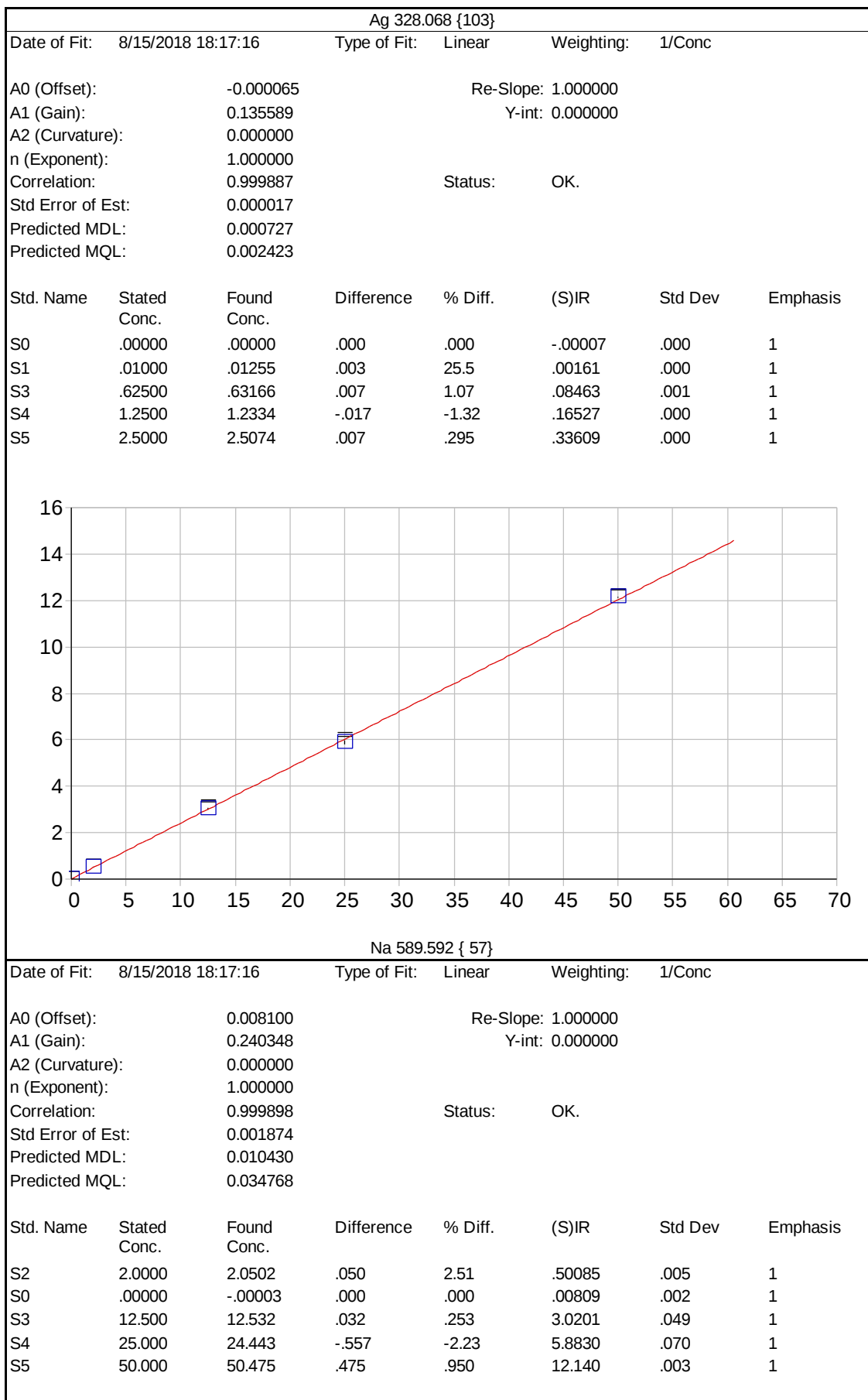
Std Error of Est: 0.000225

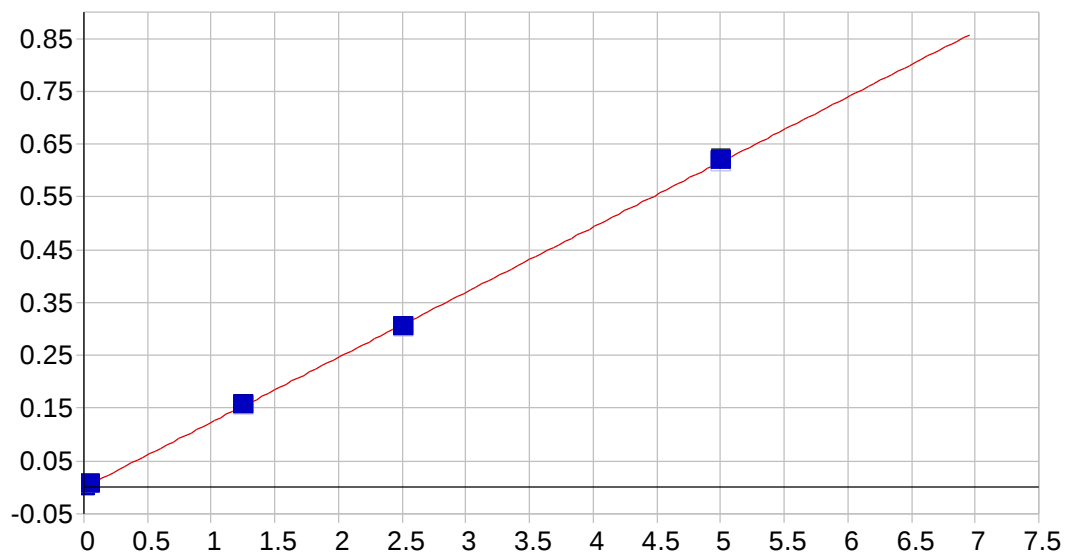
Predicted MDL: 0.000600

Predicted MQL: 0.002002

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.04000	.04359	.004	8.97	.02072	.000	1
S3	1.2500	1.2523	.002	.182	.60537	.003	1
S4	2.5000	2.4282	-.072	-2.87	1.1742	.005	1
S5	5.0000	5.0659	.066	1.32	2.4500	.001	1







V 292.402 {115}

Date of Fit: 8/15/2018 18:17:16

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000090

Re-Slope: 1.000000

A1 (Gain): 0.123223

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999908

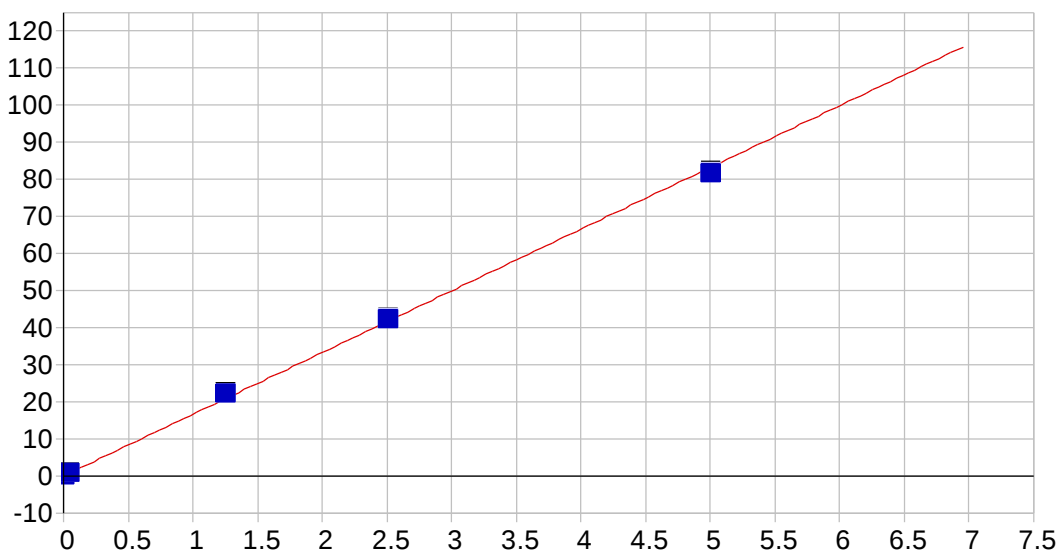
Status: OK.

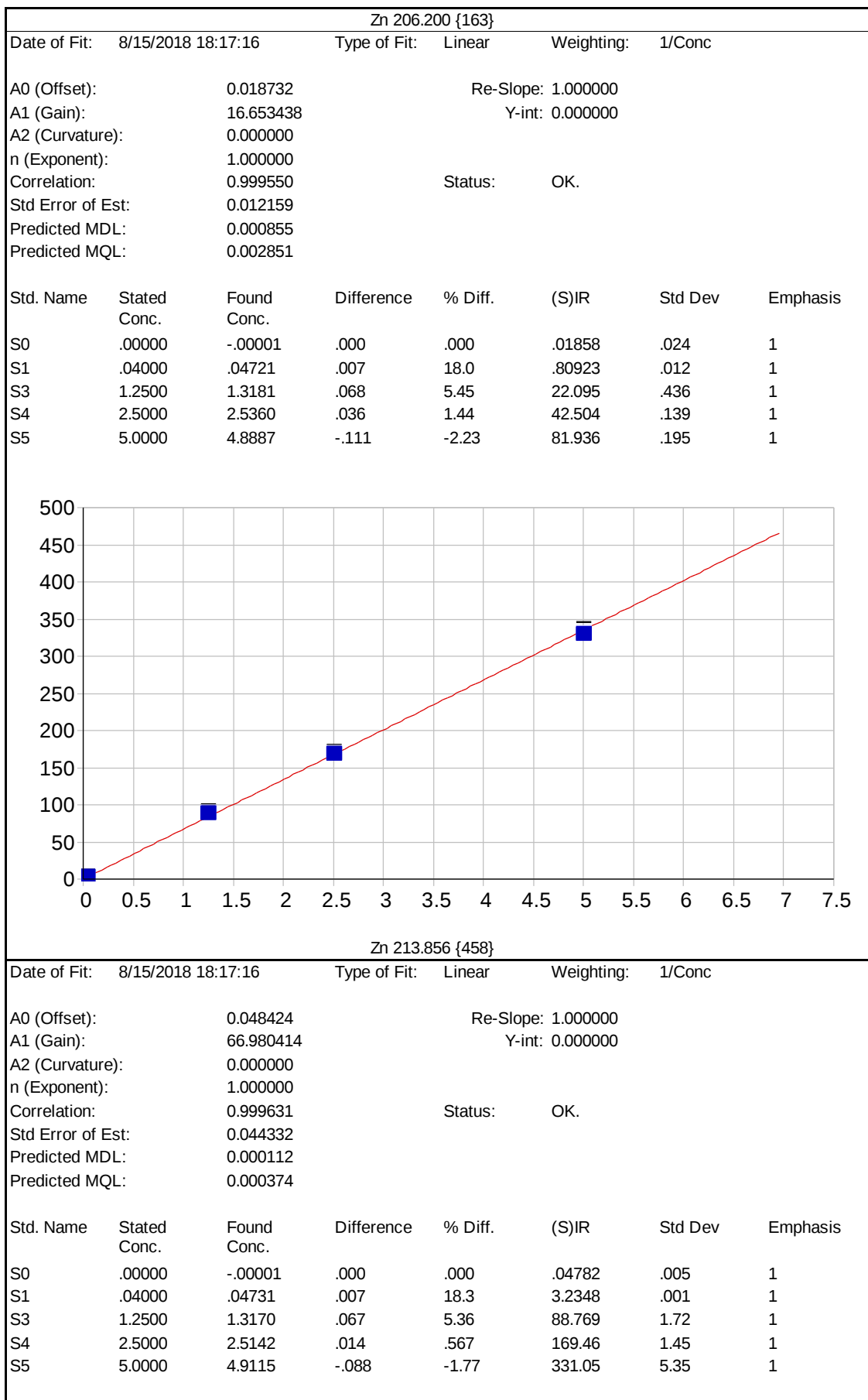
Std Error of Est: 0.000040

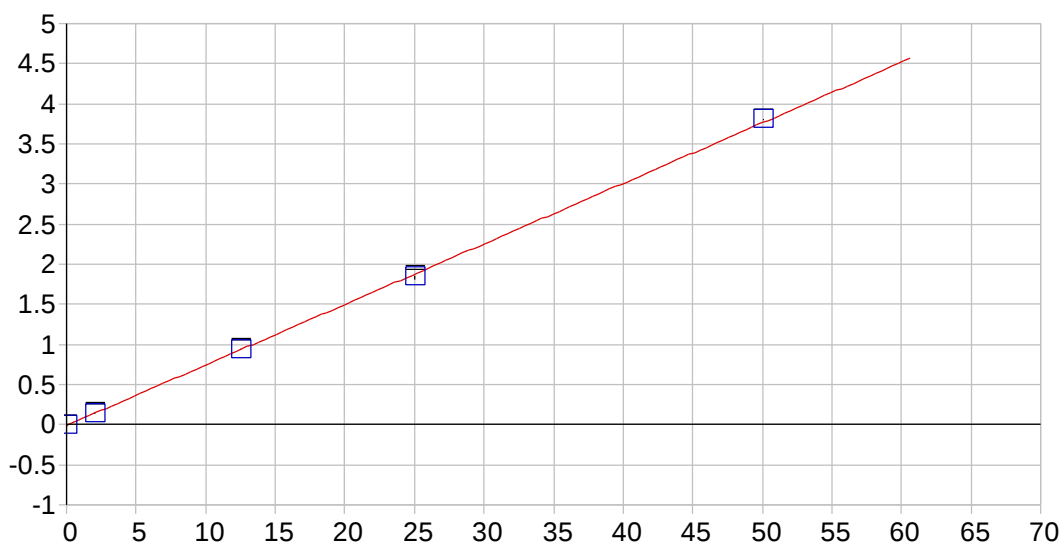
Predicted MDL: 0.000633

Predicted MQL: 0.002111

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00009	.000	1
S1	.04000	.04655	.007	16.4	.00557	.000	1
S3	1.2500	1.2606	.011	.849	.15424	.002	1
S4	2.5000	2.4688	-.031	-1.25	.30211	.000	1
S5	5.0000	5.0141	.014	.281	.61373	.003	1





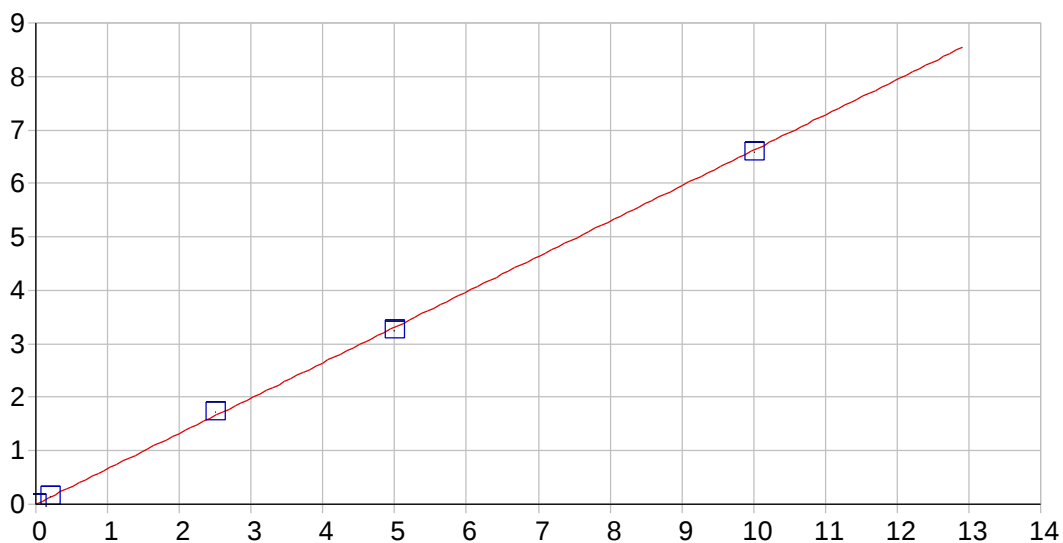


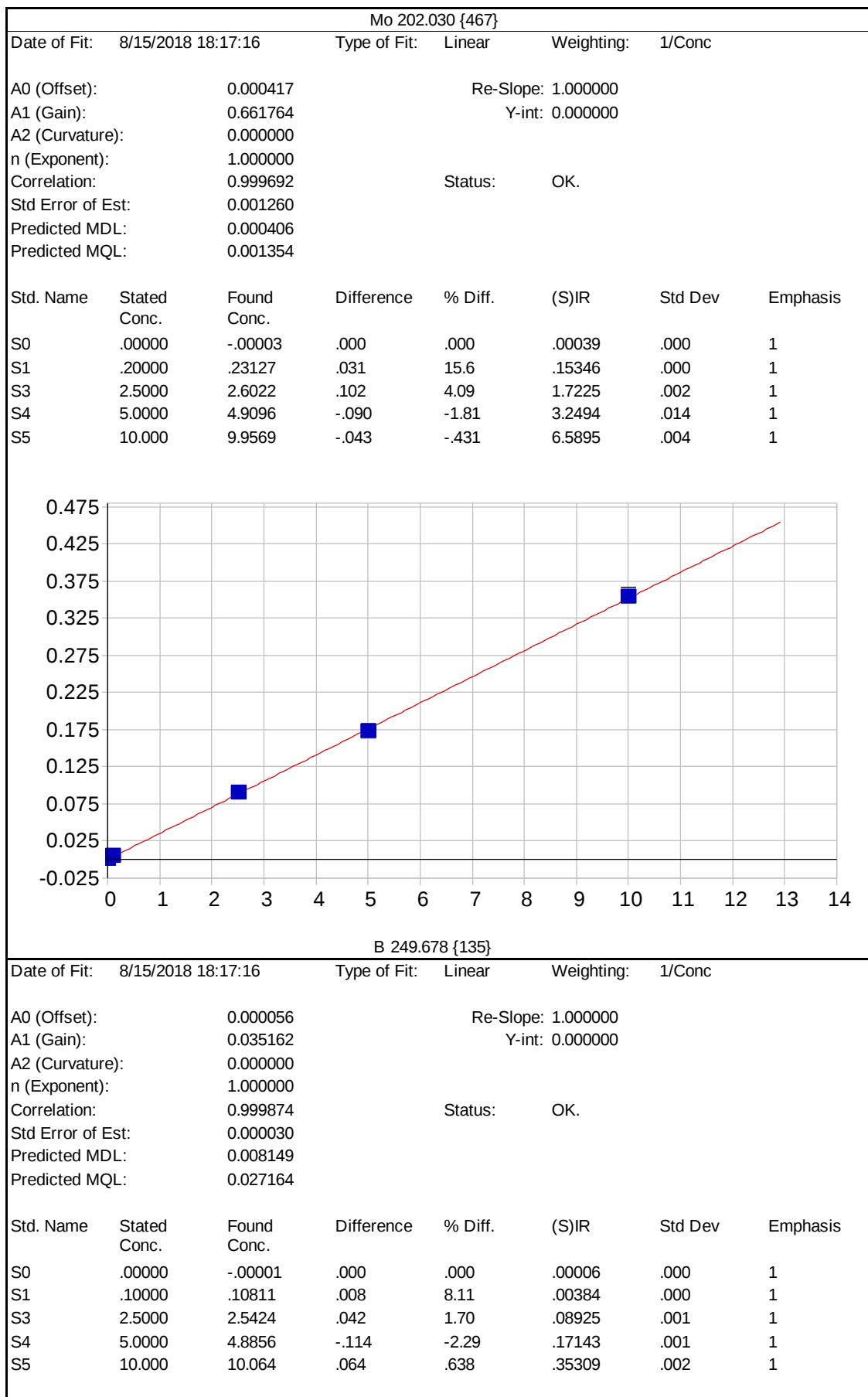
K 766.490 { 44}

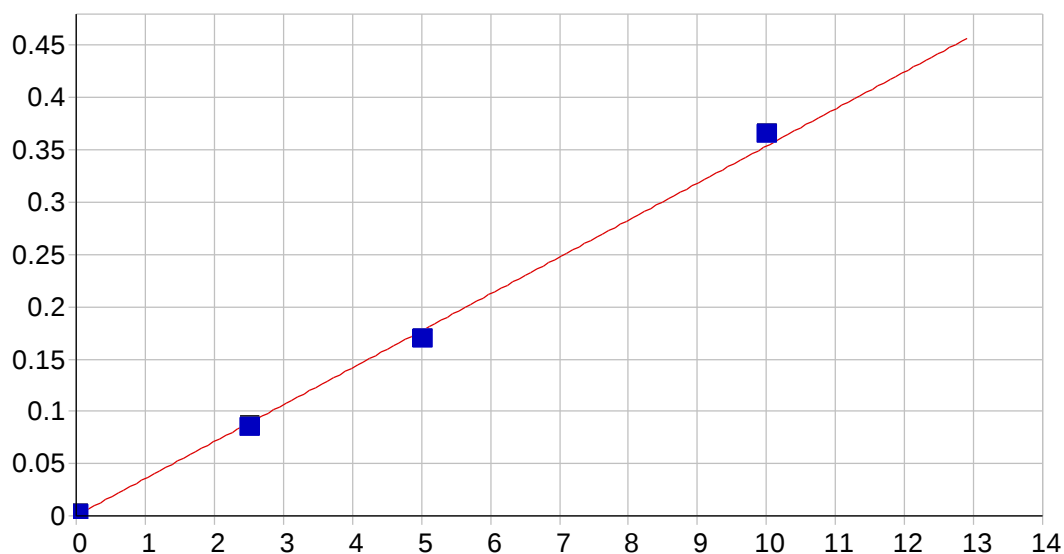
Date of Fit: 8/15/2018 18:17:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.010948 Re-Slope: 1.000000
 A1 (Gain): 0.075466 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999895 Status: OK.
 Std Error of Est: 0.000598
 Predicted MDL: 0.037036
 Predicted MQL: 0.123453

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0076	.008	.379	.14056	.001	1
S0	.00000	.00001	.000	.000	-.01095	.003	1
S3	12.500	12.526	.026	.206	.93432	.010	1
S4	25.000	24.430	-.570	-2.28	1.8327	.018	1
S5	50.000	50.537	.537	1.07	3.8028	.001	1





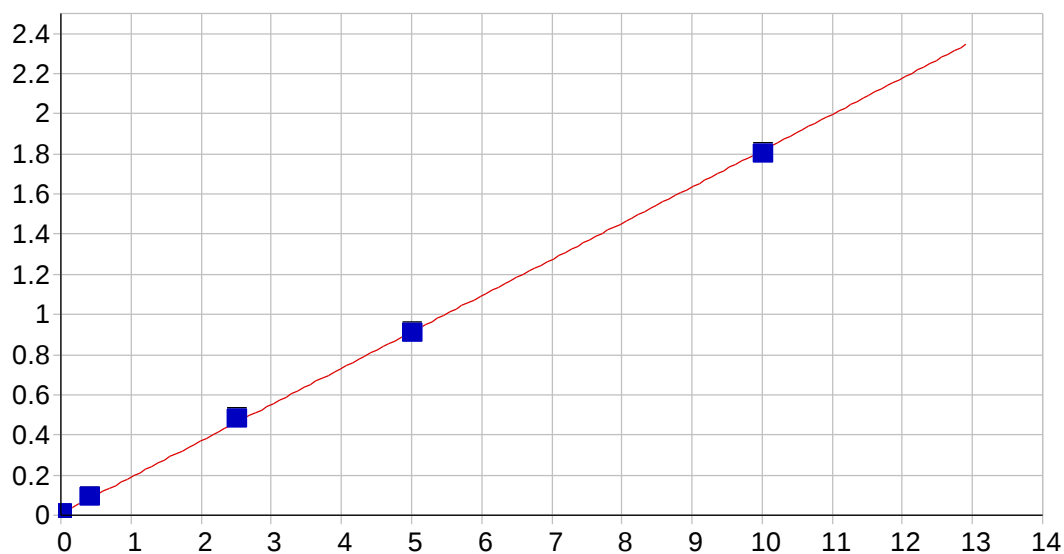


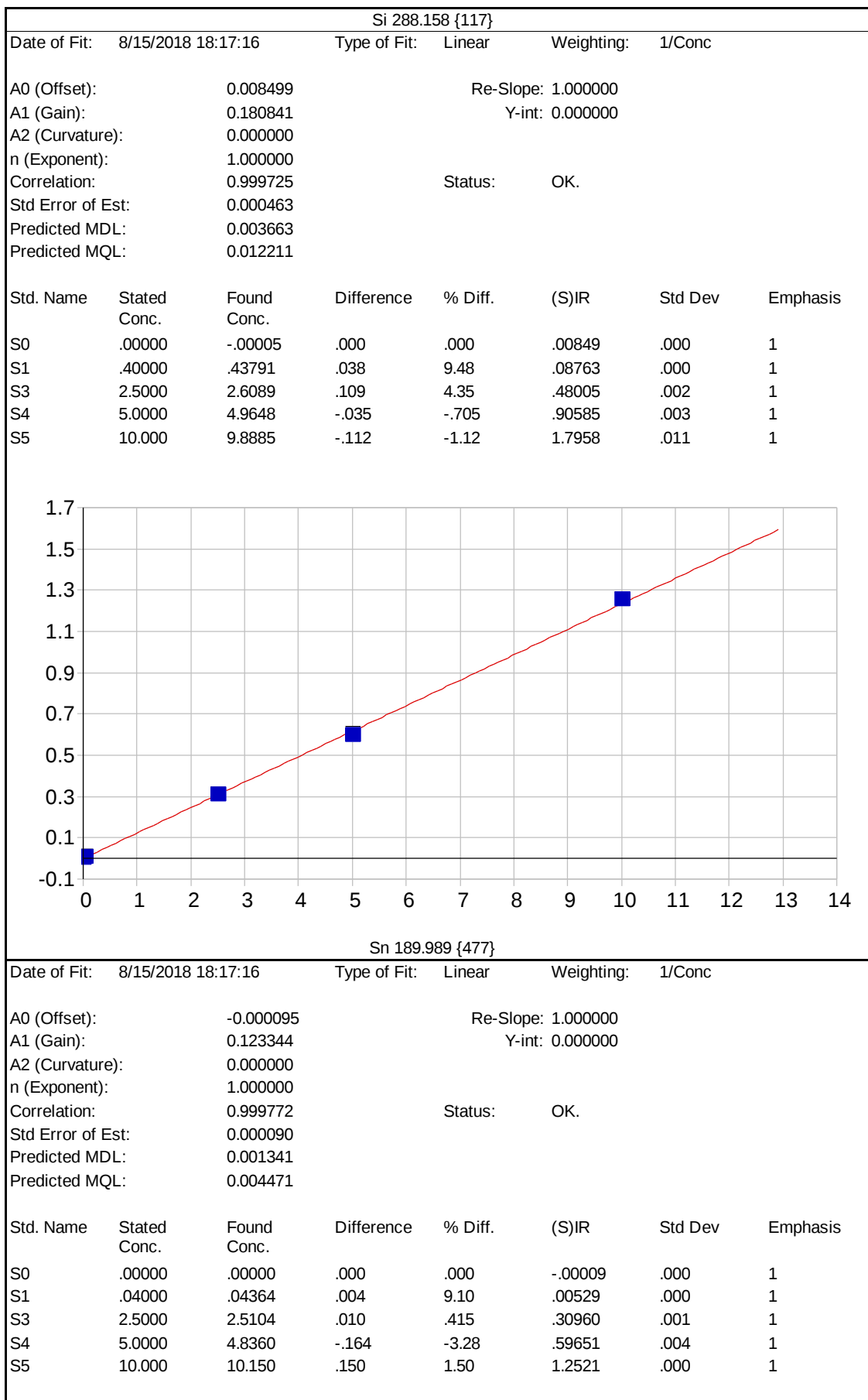
S 182.034 {485}

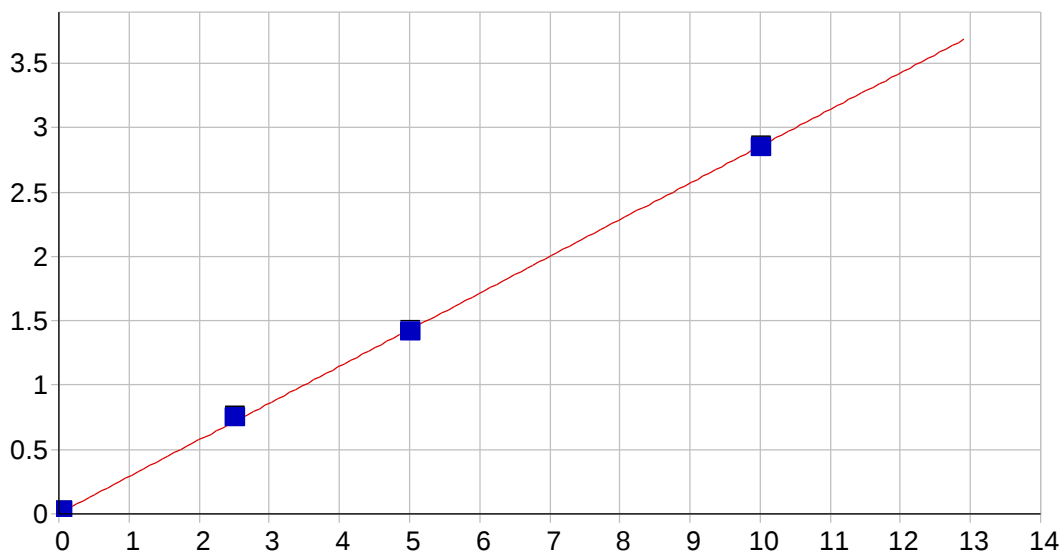
Date of Fit: 8/15/2018 18:17:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000181 Re-Slope: 1.000000
 A1 (Gain): 0.035365 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999144 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.004666
 Predicted MQL: 0.015553

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00018	.000	1
S1	.02000	.02922	.009	46.1	.00119	.000	1
S3	2.5000	2.4001	-.100	-4.00	.08496	.000	1
S4	5.0000	4.7646	-.235	-4.71	.16848	.000	1
S5	10.000	10.326	.326	3.26	.36497	.000	1







Ti 336.121 {100}

Date of Fit: 8/15/2018 18:17:16

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.003330

Re-Slope: 1.000000

A1 (Gain): 0.285398

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999825

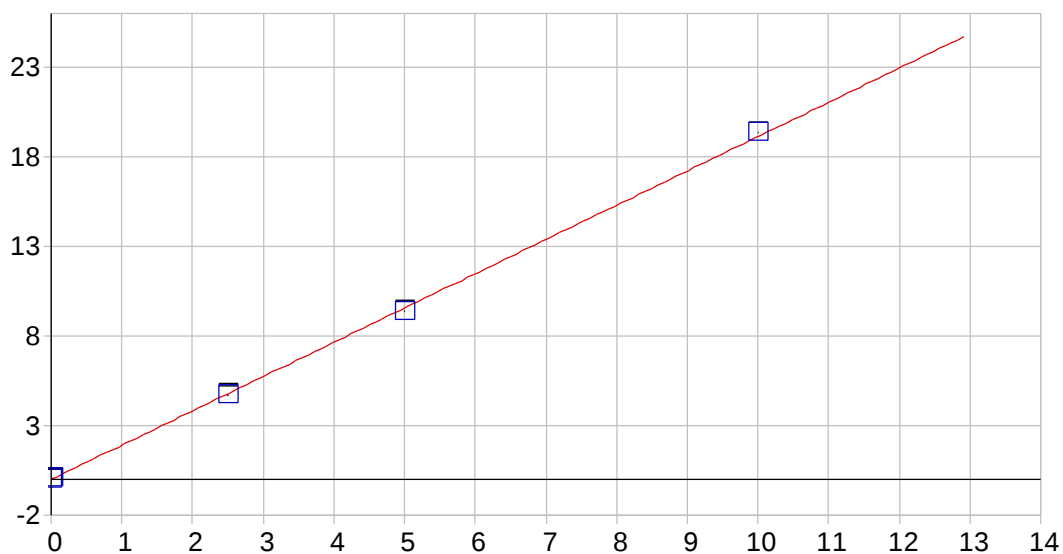
Status: OK.

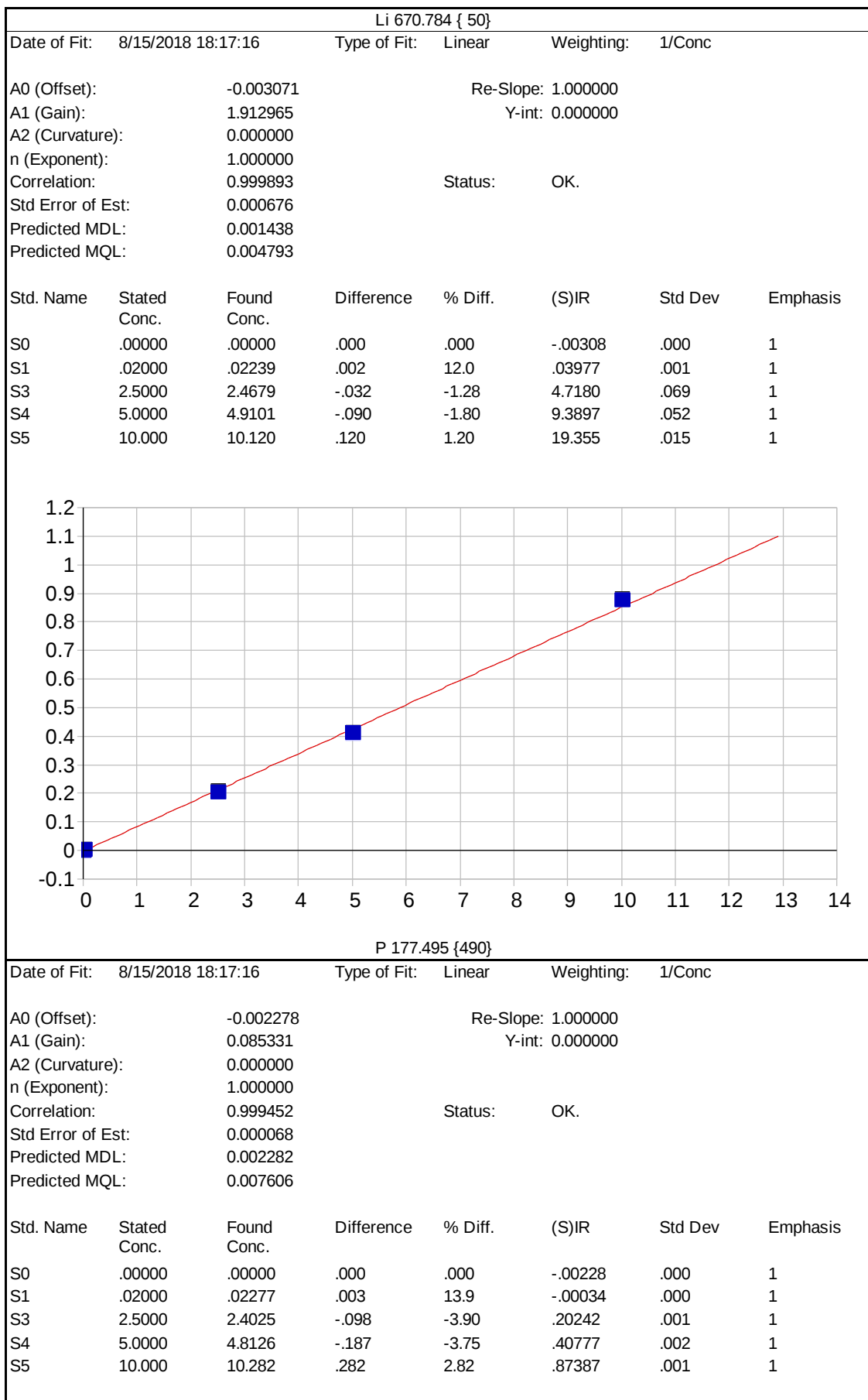
Std Error of Est: 0.000182

Predicted MDL: 0.001940

Predicted MQL: 0.006468

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00333	.001	1
S1	.04000	.04553	.006	13.8	.01632	.000	1
S3	2.5000	2.6008	.101	4.03	.74551	.008	1
S4	5.0000	4.9221	-.078	-1.56	1.4079	.014	1
S5	10.000	9.9716	-.028	-.284	2.8488	.004	1







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

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

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

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

Status: Warning Zero Gain

The figure shows a blank coordinate system. The x-axis is labeled with values: -2e35, 0, 1e35, 3e35, 5e35, 7e35, 9e35, 1.1e36, and 1.3e36. The y-axis is labeled with values from 0 to 1 in increments of 0.1. A vertical line is drawn at x=0, and a horizontal line is drawn at y=0. The grid consists of 10 major squares along the x-axis and 10 major squares along the y-axis.

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

Re-Slope: 1.000000
Y-int: 0.000000

Status: Warning Zero Gain

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

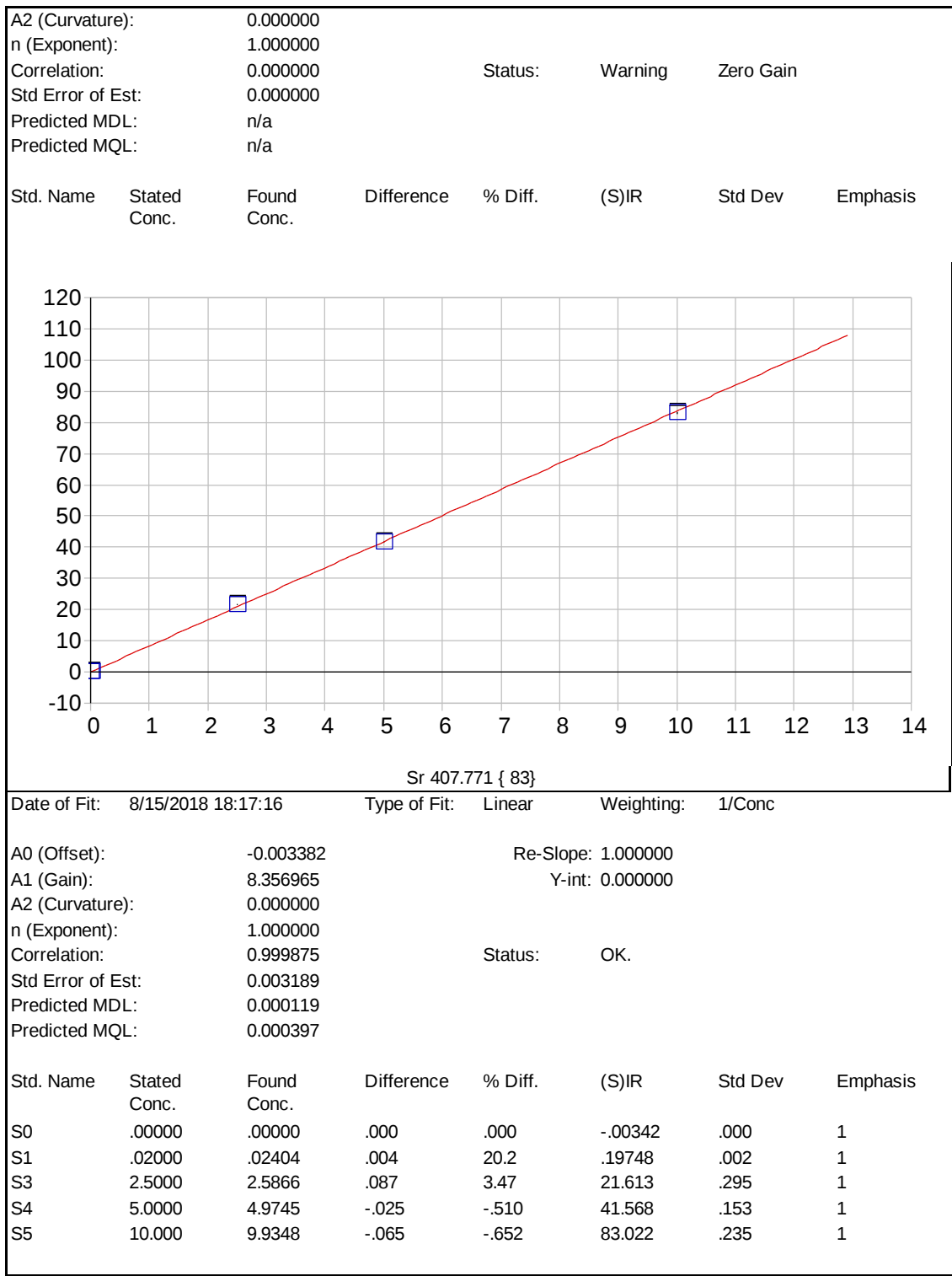
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

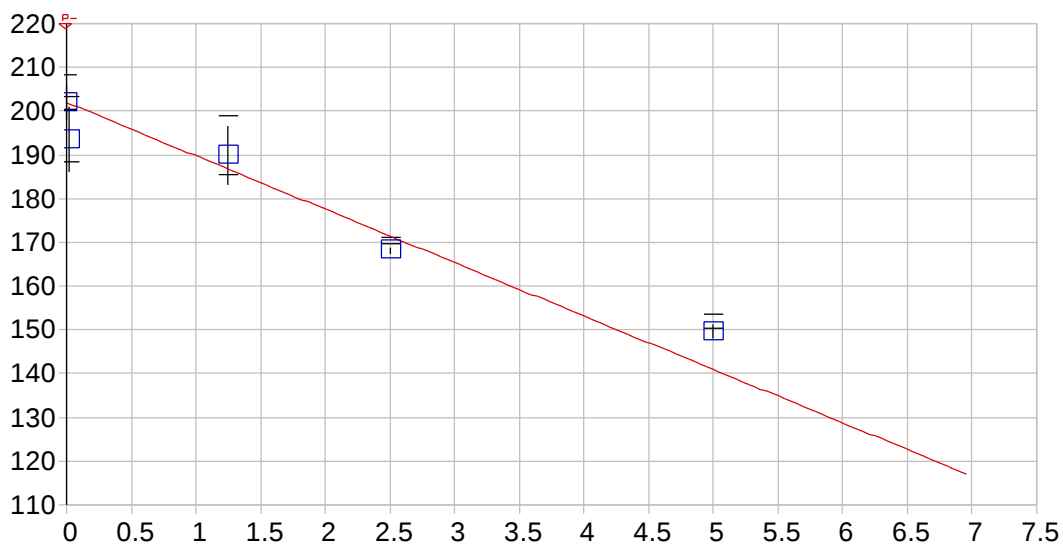
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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



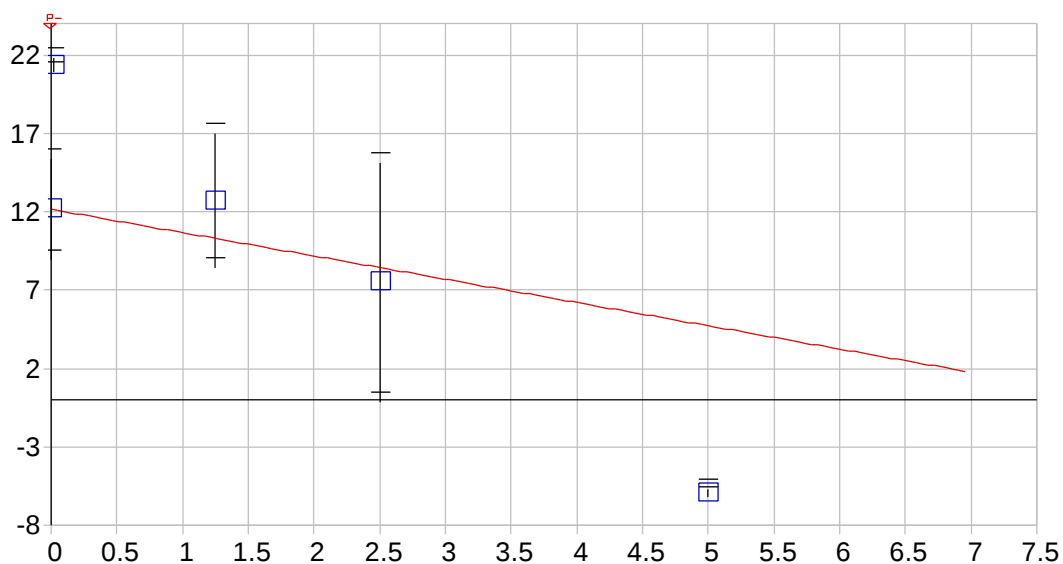


U 367.007 { 92}

Date of Fit: 8/15/2018 18:17:16 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 201.982641 Re-Slope: 1.000000
 A1 (Gain): -12.206316 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.521942 Status: Warning Negative Gain
 Std Error of Est: 0.340887
 Predicted MDL: n/a
 Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00068	-.001	.000	201.99	3.84	1
S1	.02000	.70143	.681	3410.	193.42	7.42	1
S3	1.2500	1.0008	-.249	-19.9	189.77	6.75	1
S4	2.5000	2.7780	.278	11.1	168.07	.620	1
S5	5.0000	4.2898	-.710	-14.2	149.62	1.63	1



U 385.958 { 87}							
Date of Fit:	8/15/2018 18:17:16		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	12.143477		Re-Slope: 1.000000				
A1 (Gain):	-1.485125		Y-int: 0.000000				
A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.067168		Status:	Warning	Negative Gain		
Std Error of Est:	0.376987						
Predicted MDL:	n/a						
Predicted MQL:	n/a						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00619	.006	.000	12.134	3.20	1
S1	.02000	-6.1778	-6.20	-31000.	21.318	.451	1
S3	1.2500	-.35773	-1.61	-129.	12.675	4.29	1
S4	2.5000	3.1401	.640	25.6	7.4801	7.61	1
S5	5.0000	12.165	7.17	143.	-5.9238	.246	1

Sample Name: S0 Acquired: 8/15/2018 12:05:36 Type: Cal
Method: P4-ICP2(v2356) 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	.00006	.00002	.00002	.00002	.00036	.00003	.00827	.00003
Stddev	.00006	.00020	.00007	.00017	.00016	.00004	.00031	.00002
%RSD	104.10	1098.8	422.27	932.92	43.959	125.15	3.6978	61.441

#1	-.00010	.00016	-.00007	.00014	.00048	-.00006	.00849	.00004
#2	-.00002	-.00012	.00003	-.00010	.00025	.00000	.00806	.00002

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	.00040	.00149	.00001	.00038	.00019	.00096	.00008	.00019
Stddev	.00008	.00055	.00000	.00015	.00000	.00239	.00001	.00011
%RSD	20.809	37.096	71.624	38.746	2.1769	248.77	15.992	55.426

#1	-.00034	.00110	.00000	.00027	-.00019	-.00265	.00009	-.00012
#2	-.00046	.00188	-.00001	.00048	-.00018	.00073	.00007	-.00027

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	.00035	.00007	.00809	.00009	.04782	.01095	.00039	.00006
Stddev	.00000	.00006	.00225	.00003	.00471	.00302	.00002	.00010
%RSD	.73397	95.463	27.836	36.424	9.8429	27.592	4.1704	185.42

#1	-.00035	-.00011	.00969	-.00007	.05115	-.01308	.00041	-.00002
#2	-.00035	-.00002	.00650	-.00011	.04449	-.00881	.00038	.00013

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	.00018	.00849	.00009	.00333	.00308	.0023	.00342	.201.99
Stddev	.00011	.00024	.00006	.00061	.00006	.0000	.00031	3.84
%RSD	60.465	2.8814	66.331	18.428	2.0717	.3369	9.1947	1.9004

#1	.00026	.00832	-.00014	.00289	-.00303	-.0023	-.00320	199.28
#2	.00010	.00866	-.00005	.00376	-.00312	-.0023	-.00364	204.71

Sample Name: S0 Acquired: 8/15/2018 12:05:36 Type: Cal
Method: P4-ICP2(v2356) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_ 3859
Units	Cts/S
Avg	12.134
Stddev	3.196
%RSD	26.339

#1	14.394
#2	9.8743

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2285.9	55493.	5315.4	93.891	2789.2
Stddev	11.6	70.	13.2	.579	13.4
%RSD	.50886	.12680	.24864	.61619	.47893

#1	2277.7	55443.	5306.1	94.300	2779.8
#2	2294.2	55543.	5324.8	93.482	2798.7

Sample Name: S1 Acquired: 8/15/2018 12:09:41 Type: Cal
Method: P4-ICP2(v2356) 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	.00105	.00540	.00277	.00140	.00882	.00095	.55056	.00447	.02019
Stddev	.00018	.00004	.00012	.00006	.00040	.00010	.00111	.00003	.00025
%RSD	16.725	.82190	4.2614	3.9818	4.4830	10.430	.20112	.63150	1.2369

#1	.00117	.00543	.00269	.00144	.00854	.00102	.54978	.00449	.02001
#2	.00093	.00537	.00286	.00136	.00909	.00088	.55134	.00445	.02037

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	.00123	.03747	.01434	.18683	.02204	.02072	.00161	.00557	3.2348
Stddev	.00001	.00032	.00040	.00210	.00012	.00019	.00004	.00000	.0006
%RSD	.48428	.85028	2.8223	1.1231	.52568	.92550	2.1944	.07475	.01695

#1	.00123	.03724	.01405	.18832	.02212	.02086	.00164	.00557	3.2352
#2	.00124	.03769	.01463	.18535	.02196	.02059	.00159	.00557	3.2344

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	.15346	.00384	.00119	.08763	.00529	.01632	.03977	.0003	.19748
Stddev	.00015	.00011	.00019	.00023	.00019	.00007	.00057	.0001	.00235
%RSD	.09660	2.8134	15.829	.26649	3.5929	.42922	1.4377	33.71	1.1877

#1	.15336	.00377	.00106	.08747	.00542	.01627	.03936	-.0003	.19582
#2	.15357	.00392	.00133	.08780	.00515	.01637	.04017	-.0004	.19914

Elem	U_ 3670	U_ 3859
Units	Cts/S	Cts/S
Avg	193.42	21.318
Stddev	7.42	.451
%RSD	3.8358	2.1142

#1	198.67	21.000
#2	188.17	21.637

Sample Name: S1 Acquired: 8/15/2018 12:09:41 Type: Cal
Method: P4-ICP2(v2356) 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	2282.7	55255.	5300.4	94.875	2754.7
Stddev	1.4	62.	31.0	.601	1.3
%RSD	.06027	.11236	.58529	.63351	.04740
#1	2283.7	55298.	5322.4	94.450	2755.7
#2	2281.7	55211.	5278.5	95.300	2753.8

Sample Name: S2 Acquired: 8/15/2018 12:13:48 Type: Cal
Method: P4-ICP2(v2356) 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	.09335	.02060	.50085	.14056
Stddev	.00043	.00030	.00476	.00067
%RSD	.45886	1.4603	.95102	.47509

#1	.09305	.02038	.49749	.14103
#2	.09365	.02081	.50422	.14008

Int. Std.	Y_ 3710
Units	Cts/S
Avg	5318.0
Stddev	45.2
%RSD	.85025

#1	5286.0
#2	5350.0

Sample Name: S3 Acquired: 8/15/2018 12:17:49 Type: Cal
Method: P4-ICP2(v2356) 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	.12736	.30396	.52329	.13947	.40504	.03751	.23.928	.07799	3.7726
Stddev	.00015	.00066	.00095	.00032	.00072	.00057	.325	.00073	.0035
%RSD	.11656	.21824	.18176	.22708	.17701	1.5256	1.3595	.93313	.09282

#1	.12726	.30349	.52261	.13969	.40454	.03792	23.698	.07850	3.7701
#2	.12747	.30443	.52396	.13924	.40555	.03711	24.158	.07747	3.7751

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	.55588	.05312	1.4048	.37526	3.8085	1.1203	.12581	.60537	.08463
Stddev	.01001	.00049	.0053	.00008	.0180	.0137	.00190	.00288	.00110
%RSD	1.8002	.92978	.38000	.02158	.47358	1.2254	1.5128	.47497	1.2956

#1	.54881	.05347	1.4010	.37520	3.8212	1.1300	.12446	.60334	.08540
#2	.56296	.05277	1.4086	.37532	3.7957	1.1106	.12715	.60741	.08385

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	3.0201	.15424	38.769	.93432	1.7225	.08925	.08496	.48005	.30960
Stddev	.0486	.00188	1.722	.01015	.0024	.00053	.00025	.00233	.00080
%RSD	1.6083	1.2199	1.9394	1.0864	.13710	.59650	.29496	.48490	.25742

#1	2.9857	.15557	89.987	.92714	1.7241	.08887	.08478	.47840	.30903
#2	3.0544	.15291	87.552	.94150	1.7208	.08962	.08514	.48169	.31016

Elem	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670	U_ 3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.74551	4.7180	.2024	21.613	189.77	12.675
Stddev	.00839	.0692	.0011	.295	6.75	4.291
%RSD	1.1253	1.4657	.5574	1.3654	3.5554	33.857

#1	.73958	4.6691	.2016	21.404	185.00	9.6404
#2	.75144	4.7669	.2032	21.822	194.54	15.709

Sample Name: S3 Acquired: 8/15/2018 12:17:49 Type: Cal
Method: P4-ICP2(v2356) 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	2221.3	54158.	5299.8	90.986	2547.8
Stddev	8.8	945.	19.8	1.990	5.5
%RSD	.39761	1.7452	.37427	2.1875	.21570
#1	2215.1	53490.	5313.8	89.578	2543.9
#2	2227.5	54827.	5285.8	92.393	2551.7

Sample Name: S4 Acquired: 8/15/2018 12:21:43 Type: Cal
Method: P4-ICP2(v2356) 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	.24534	.58889	1.0208	.26863	.78492	.07401	16.416	.15418	7.4003
Stddev	.00097	.00246	.0049	.00097	.00341	.00070	.320	.00013	.0290
%RSD	.39584	.41835	.47475	.36064	.43495	.94723	.69014	.08426	.39243
#1	.24603	.59063	1.0242	.26932	.78733	.07352	46.189	.15427	7.4208
#2	.24465	.58715	1.0174	.26795	.78250	.07451	46.643	.15409	7.3797
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	1.0672	1.0382	2.7225	.71352	7.2988	2.1795	24219	1.1742	16527
Stddev	.0060	.00030	.0131	.00210	.1029	.0016	.00196	.0055	.00001
%RSD	.56060	.28797	.48095	.29466	1.4103	.07420	.80827	.46479	.00685
#1	1.0630	.10361	2.7317	.71501	7.2260	2.1784	.24081	1.1781	.16526
#2	1.0714	.10403	2.7132	.71203	7.3716	2.1806	.24357	1.1704	.16528
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	5.8830	30211	169.46	1.8327	3.2494	17143	16848	90585	59651
Stddev	.0704	.00034	1.45	.0175	.0136	.00063	.00050	.00279	.00366
%RSD	1.1974	.11238	.85674	.95670	.41752	.36515	.29603	.30794	.61307
#1	5.8332	.30235	170.49	1.8203	3.2590	.17099	.16884	.90782	.59910
#2	5.9328	.30187	168.43	1.8451	3.2398	.17187	.16813	.90388	.59393
Elem	Ti3361	Li6707	P_ 1774	Sr4077	U_ 3670	U_ 3859			
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S			
Avg	1.4079	9.3897	.4078	41.568	168.07	7.4801			
Stddev	.0138	.0522	.0023	.153	.62	7.6104			
%RSD	.98316	.55542	.5671	.36703	.36888	101.74			
#1	1.3981	9.3528	.4094	41.676	167.63	12.861			
#2	1.4177	9.4266	.4061	41.460	168.51	2.0987			

Sample Name: S4 Acquired: 8/15/2018 12:21:43 Type: Cal
Method: P4-ICP2(v2356) 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	2190.8	52216.	5170.6	37.833	2436.9
Stddev	10.5	168.	36.1	.735	11.5
%RSD	.48054	.32204	.69748	.83684	.47353
#1	2183.3	52097.	5145.1	87.314	2428.8
#2	2198.2	52335.	5196.1	88.353	2445.1

Sample Name: S5 Acquired: 8/15/2018 12:25:36 Type: Cal
Method: P4-ICP2(v2356) 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	.50814	1.2140	2.1294	.55113	1.6227	.15574	93.217	.31342
Stddev	.00060	.0020	.0017	.00122	.0021	.00048	.630	.00099
%RSD	.11716	.16651	.08183	.22117	.12804	.31002	.67591	.31664

#1	.50857	1.2126	2.1306	.55200	1.6242	.15540	92.772	.31272
#2	.50772	1.2155	2.1281	.55027	1.6212	.15608	93.663	.31412

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	15.524	2.1570	.20781	5.7179	1.4391	14.739	4.3682	.49737
Stddev	.001	.0082	.00137	.0009	.0018	.050	.0230	.00504
%RSD	.00425	.38112	.66141	.01622	.12650	.33695	.52546	1.0138

#1	15.523	2.1512	.20684	5.7173	1.4404	14.774	4.3519	.49380
#2	15.524	2.1629	.20879	5.7186	1.4378	14.704	4.3844	.50093

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	2.4500	.33609	12.140	.61373	331.05	3.8028	5.5895	.35309
Stddev	.0010	.00033	.003	.00269	5.35	.0010	.0037	.00241
%RSD	.03903	.09718	.02333	.43889	1.6147	.02608	.05658	.68178

#1	2.4493	.33586	12.142	.61183	334.83	3.8035	6.5922	.35139
#2	2.4507	.33632	12.138	.61564	327.27	3.8021	6.5869	.35480

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	.36497	1.7958	1.2521	2.8488	19.355	.8739	33.022	149.62
Stddev	.00003	.0105	.0004	.0036	.015	.0012	.235	1.63
%RSD	.00863	.58473	.03119	.12673	.07805	.1408	.28282	1.0914

#1	.36495	1.7884	1.2518	2.8514	19.366	.8747	83.188	150.77
#2	.36499	1.8032	1.2523	2.8463	19.345	.8730	82.856	148.47

Sample Name: S5 Acquired: 8/15/2018 12:25:36 Type: Cal
Method: P4-ICP2(v2356) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_ 3859
Units	Cts/S
Avg	-5.9238
Stddev	.2458
%RSD	4.1487

#1	-5.7500
#2	-6.0976

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2118.2	50788.	5163.1	38.501	2263.8
Stddev	2.8	1.	11.2	1.414	.6
%RSD	.13179	.00173	.21619	1.5974	.02467

#1	2116.3	50787.	5155.2	87.502	2263.4
#2	2120.2	50789.	5171.0	89.501	2264.2

Sample Name: ICV01 Acquired: 8/15/2018 12:29:37 Type: Unk
Method: P4-ICP2(v2356) 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	1.0160	1.0470	.99022	1.0248	.98753	2.5507	.51896	.50065
Stddev	.0091	.0015	.00224	.0012	.00203	.0041	.00367	.00410
%RSD	.89443	.14295	.22575	.11189	.20558	.16109	.70806	.81936

#1	1.0095	1.0460	.99180	1.0256	.98610	2.5536	.51637	.50355
#2	1.0224	1.0481	.98864	1.0240	.98897	2.5478	.52156	.49774

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48755	10.423	.51618	.49742	.53152	4.9313	.52920	3.0799
Stddev	.00015	.083	.00071	.00054	.00182	.2016	.00437	.0466
%RSD	.03118	.79311	.13738	.10778	.34313	4.0873	.82497	.76562

#1	.48766	10.364	.51568	.49780	.53023	4.7888	.53229	6.0470
#2	.48744	10.481	.51668	.49704	.53280	5.0739	.52611	6.1129

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50217	.51709	10.024	.51974	1.0088	10.096	2.5880	2.5814
Stddev	.00003	.00471	.077	.00245	.0225	.060	.0024	.0216
%RSD	.00590	.91084	.76408	.47232	2.2328	.59825	.09464	.83558

#1	.50215	.52042	9.9696	.52147	.99289	10.053	2.5897	2.5661
#2	.50219	.51376	10.078	.51800	1.0247	10.139	2.5863	2.5966

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00325	2.4149	2.4786	2.6042	F .00424	F .0035	F .01229	F .85376
Stddev	.00371	.0143	.0009	.0257	.00008	.0005	.00015	.00497
%RSD	114.06	.59067	.03493	.98843	1.7772	12.75	1.1822	.58164

#1	.00588	2.4048	2.4780	2.5860	.00429	.0032	.01239	.85024
#2	.00063	2.4250	2.4792	2.6224	.00419	.0039	.01218	.85727

Sample Name: ICV01 Acquired: 8/15/2018 12:29:37 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 5.2193
Stddev	.3811
%RSD	7.3008

#1	5.4887
#2	4.9499

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2246.8	53766.	5295.4	94.754	2625.2
Stddev	12.2	594.	38.5	1.811	13.9
%RSD	.54353	1.1043	.72663	1.9111	.52875

#1	2238.2	53346.	5268.2	96.035	2615.4
#2	2255.4	54186.	5322.7	93.474	2635.0

Sample Name: LLICV01 Acquired: 8/15/2018 12:33:31 Type: Unk
Method: P4-ICP2(v2356) 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	.02065	.04414	.01239	.02257	.05422	.11651	.11153
Stddev	.00104	.00124	.00024	.00064	.00081	.00410	.00040
%RSD	5.0384	2.8063	1.9339	2.8526	1.4987	3.5232	.35523

#1	.02138	.04326	.01222	.02211	.05480	.11361	.11125
#2	.01991	.04502	.01256	.02302	.05365	.11941	.11181

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00685	.00644	2.2231	.01179	.03168	.02390	.11946
Stddev	.00004	.00006	.0006	.00019	.00018	.00027	.01691
%RSD	.63987	.94158	.02667	1.6282	.55838	1.1460	14.152

#1	.00688	.00648	2.2227	.01193	.03181	.02370	.10750
#2	.00682	.00640	2.2236	.01165	.03156	.02409	.13141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02355	2.2632	.04218	.01145	2.2580	.04444	.04750
Stddev	.00028	.0077	.00020	.00024	.0242	.00044	.00004
%RSD	1.1737	.34155	.48195	2.1208	1.0697	.99532	.08766

#1	.02375	2.2687	.04232	.01163	2.2409	.04413	.04753
#2	.02336	2.2578	.04204	.01128	2.2751	.04476	.04747

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1870	.22231	.11808	.02040	.41252	.04128	.04517
Stddev	.0141	.00019	.00605	.00414	.00489	.00022	.00098
%RSD	.64500	.08397	5.1212	20.291	1.1844	.53730	2.1785

#1	2.1770	.22245	.12235	.02332	.40907	.04112	.04447
#2	2.1970	.22218	.11380	.01747	.41598	.04144	.04586

Sample Name: LLICV01 Acquired: 8/15/2018 12:33:31 Type: Unk
 Method: P4-ICP2(v2356) 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.02486	.0234	.02295	F1.1768	F<00000
Stddev	.00097	.0008	.00007	.7007	.35695
%RSD	3.9021	3.381	.30507	59.542	8.1256
#1	.02555	.0240	.02290	1.6722	-4.1405
#2	.02418	.0229	.02300	.68132	-4.6453
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2263.8	54394.	5276.6	90.993	2725.5
Stddev	18.6	398.	18.6	1.147	20.0
%RSD	.81947	.73187	.35274	1.2610	.73215
#1	2250.6	54112.	5263.5	90.182	2711.4
#2	2276.9	54675.	5289.8	91.805	2739.6

Sample Name: ICB01 Acquired: 8/15/2018 12:38:26 Type: Unk
Method: P4-ICP2(v2356) 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	.00270	.00053	.00050	.00239	.00106	.00144	.00076
Stddev	.00392	.00054	.00150	.00344	.00109	.00326	.00018
%RSD	145.23	101.52	297.81	143.77	102.42	226.19	24.266

#1	.00547	-.00015	-.00156	.00482	-.00029	.00375	-.00063
#2	-.00007	-.00092	.00056	-.00004	-.00183	-.00086	-.00089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00003	.00648	.00005	.00016	.00052	.00626
Stddev	.00005	.00004	.00688	.00045	.00010	.00054	.00511
%RSD	101.64	147.41	106.21	866.60	63.394	103.48	81.562

#1	.00009	.00000	-.00161	.00037	.00009	.00014	.00265
#2	.00002	-.00006	-.01134	-.00026	.00023	.00091	.00987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.01876	.00001	.00069	.01297	.00013	.00014
Stddev	.00003	.01287	.00061	.00014	.00124	.00025	.00006
%RSD	109.27	68.615	5774.2	20.702	9.5399	189.17	45.052

#1	-.00005	.02787	.00045	.00059	-.01209	.00004	-.00010
#2	-.00001	.00966	-.00042	.00079	-.01384	-.00031	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01871	.00002	.00844	.00036	.00321	.00055	.00061
Stddev	.01353	.00019	.00179	.00247	.00279	.00093	.00070
%RSD	72.300	966.04	21.190	691.53	87.010	167.53	116.05

#1	-.02828	.00016	.00717	.00139	.00518	.00121	.00011
#2	-.00915	-.00012	.00970	-.00210	.00123	-.00010	.00110

Sample Name: ICB01 Acquired: 8/15/2018 12:38:26 Type: Unk
 Method: P4-ICP2(v2356) 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	.00006	.0010	.00007	F1.8872	F<00000
Stddev	.00021	.0002	.00008	.0183	4.1573
%RSD	379.99	24.46	124.62	.96812	48.910
#1	.00021	.0008	.00013	1.9001	-5.5602
#2	-.00009	.0011	.00001	1.8742	-11.439
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2249.5	54569.	5240.0	93.995	2751.5
Stddev	20.4	64.	22.4	1.048	18.4
%RSD	.90604	.11744	.42685	1.1147	.66821
#1	2235.1	54615.	5224.2	94.736	2738.5
#2	2263.9	54524.	5255.8	93.255	2764.5

Sample Name: CRI01 Acquired: 8/15/2018 12:52:09 Type: Unk
Method: P4-ICP2(v2356) 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	.01965	.04201	.01191	.02449	.05288	.11125	.10845
Stddev	.00320	.00200	.00049	.00164	.00200	.00267	.00110
%RSD	16.295	4.7644	4.0745	6.6998	3.7865	2.4020	1.0159

#1	.02192	.04342	.01225	.02333	.05146	.10936	.10767
#2	.01739	.04059	.01157	.02566	.05429	.11314	.10923

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00656	.00629	2.1340	.01085	.03085	.02382	.11517
Stddev	.00004	.00012	.0114	.00015	.00002	.00025	.01160
%RSD	.65333	1.9532	.53235	1.4031	.05334	1.0384	10.075

#1	.00659	.00637	2.1260	.01095	.03083	.02364	.12337
#2	.00653	.00620	2.1420	.01074	.03086	.02399	.10696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02261	2.1995	.04095	.01155	2.1682	.04295	.04521
Stddev	.00004	.0260	.00007	.00022	.0134	.00048	.00066
%RSD	.15850	1.1831	.16324	1.9245	.61648	1.1080	1.4589

#1	.02264	2.1811	.04090	.01139	2.1587	.04329	.04474
#2	.02259	2.2179	.04100	.01170	2.1776	.04261	.04568

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1269	.21582	.11466	.01413	.48524	.04087	.04523
Stddev	.0313	.00032	.00081	.00108	.00851	.00028	.00254
%RSD	1.4713	.14807	.70485	7.6147	1.7530	.67565	5.6189

#1	2.1047	.21559	.11523	.01489	.49125	.04106	.04702
#2	2.1490	.21605	.11409	.01337	.47922	.04067	.04343

Sample Name: CRI01 Acquired: 8/15/2018 12:52:09 Type: Unk
Method: P4-ICP2(v2356) 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	.02293	.0208	.02214	F 2.1307	F<00000
Stddev	.00000	.0017	.00022	.2980	3.8664
%RSD	.00620	8.028	.98439	13.986	95.179
#1	.02293	.0196	.02199	1.9200	-1.3283
#2	.02294	.0220	.02230	2.3414	-6.7962
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2241.0	54316.	5210.2	92.298	2714.2
Stddev	18.5	12.	35.6	.871	18.8
%RSD	.82515	.02249	.68277	.94371	.69294
#1	2227.9	54324.	5185.1	92.914	2700.9
#2	2254.1	54307.	5235.4	91.682	2727.5

Sample Name: ICSA01 Acquired: 8/15/2018 12:56:14 Type: Unk
Method: P4-ICP2(v2356) 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	.00614	.00020	.00111	.00821	.00226	258.43	.00325
Stddev	.00236	.00380	.00008	.00155	.00068	3.94	.00001
%RSD	38.388	1918.5	6.8580	18.815	30.185	1.5231	.16379

#1	.00780	-.00289	.00116	.00931	.00177	255.64	.00324
#2	.00447	.00249	.00106	.00712	.00274	261.21	.00325

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	.00292	230.95	.05627	.00019	.00586	34.631
Stddev	.00004	.00009	5.89	.00014	.00020	.00091	1.527
%RSD	11.930	2.9793	2.5487	.24891	106.50	15.480	1.6141

#1	.00033	.00286	226.79	.05617	.00034	.00650	93.551
#2	.00039	.00298	235.12	.05637	.00005	.00522	95.711

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01510	247.19	.00806	.00280	.02403	.00131	.00145
Stddev	.00009	5.64	.00019	.00028	.00200	.00065	.00001
%RSD	.57063	2.2807	2.3083	10.076	8.3405	49.631	.54764

#1	.01516	243.20	.00819	-.00299	.02261	.00176	.00145
#2	.01504	251.17	.00793	-.00260	.02544	.00085	.00144

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01844	.00040	.02854	.00902	.00521	.00053	.00182
Stddev	.01914	.00021	.00965	.00278	.00425	.00043	.00044
%RSD	103.79	53.635	33.834	30.851	81.461	81.331	24.338

#1	.03197	-.00025	.03536	.01098	-.00221	-.00083	-.00151
#2	.00491	-.00055	.02171	.00705	-.00821	-.00022	-.00213

Sample Name: IC5A01 Acquired: 8/15/2018 12:56:14 Type: Unk
 Method: P4-ICP2(v2356) 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	.00575	.0029	F.09692	F<.00000	F.102.72
Stddev	.00089	.0032	.00280	.09526	3.13
%RSD	15.448	109.6	2.8881	.70739	3.0465
#1	.00512	.0052	.09494	-13.533	104.93
#2	.00638	.0007	.09890	-13.399	100.50
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2057.3	49037.	5154.2	35.445	2167.3
Stddev	8.2	39.	41.6	.294	3.1
%RSD	.39921	.08038	.80656	.34403	.14419
#1	2051.5	49010.	5183.6	85.653	2165.1
#2	2063.1	49065.	5124.8	85.237	2169.5

Sample Name: ICSAB01 Acquired: 8/15/2018 13:00:24 Type: Unk
Method: P4-ICP2(v2356) 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	.11031	.10394	.05258	.06873	.59737	270.03	.52705
Stddev	.00016	.00088	.00184	.00882	.00086	1.31	.00294
%RSD	.14786	.84571	3.5082	12.837	.14372	.48433	.55735

#1	.11043	.10456	.05389	.06250	.59677	269.11	.52497
#2	.11020	.10332	.05128	.07497	.59798	270.96	.52913

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53440	1.0042	238.42	.56362	.50736	.50027	98.055
Stddev	.00179	.0058	3.33	.00697	.00113	.00006	2.877
%RSD	.33469	.58083	1.3974	1.2358	.22330	.01122	2.9337

#1	.53313	1.0001	236.07	.55869	.50656	.50023	96.021
#2	.53566	1.0083	240.78	.56854	.50816	.50031	100.09

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53636	256.71	1.0158	.16646	.04980	.51048	.99572
Stddev	.00039	3.68	.0026	.00060	.00561	.00076	.02393
%RSD	.07263	1.4352	.25195	.35995	11.257	.14958	2.4033

#1	.53609	254.10	1.0140	.16604	.05377	.50994	.97880
#2	.53664	259.31	1.0176	.16689	.04584	.51102	1.0126

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02535	.00363	.02930	.01201	.00380	.00207	.00110
Stddev	.01143	.00029	.00540	.00184	.00086	.00152	.00018
%RSD	45.111	7.8779	18.444	15.359	22.684	73.397	16.436

#1	.03343	.00343	.02548	.01070	.00441	.00100	.00123
#2	.01726	.00383	.03312	.01331	.00319	.00314	.00097

Sample Name: ICSAB01 Acquired: 8/15/2018 13:00:24 Type: Unk
Method: P4-ICP2(v2356) 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	.01001	F.0507	.10454	F<00000	F.114.54
Stddev	.00111	.0002	.00069	.58340	4.84
%RSD	11.126	.3872	.66134	4.1968	4.2219
#1	.00923	.0506	.10406	-14.314	111.12
#2	.01080	.0509	.10503	-13.489	117.96
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.5	49082.	5214.9	37.714	2160.4
Stddev	10.9	105.	9.0	1.913	13.3
%RSD	.53337	.21300	.17298	2.1807	.61665
#1	2053.3	49008.	5221.2	89.067	2169.8
#2	2037.8	49156.	5208.5	86.362	2151.0

Sample Name: CCV01 Acquired: 8/15/2018 13:04:27 Type: Unk
Method: P4-ICP2(v2356) 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	4.9944	4.9311	4.9422	5.0277	5.0041	9.9922	10.162	.24804
Stddev	.0052	.0170	.0189	.0175	.0180	.0887	.070	.00044
%RSD	.10314	.34492	.38169	.34785	.35975	.88785	.68767	.17840

#1	4.9981	4.9432	4.9556	5.0401	5.0169	9.9295	10.112	.24772
#2	4.9908	4.9191	4.9289	5.0153	4.9914	10.055	10.211	.24835

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4509	24.814	.98317	2.4624	1.2668	4.9065	2.5005	24.824
Stddev	.0063	.270	.00482	.0100	.0035	.0174	.0071	.254
%RSD	.25807	1.0888	.48982	.40489	.27364	.35553	.28298	1.0219

#1	2.4554	24.623	.97977	2.4695	1.2693	4.8942	2.4955	24.645
#2	2.4464	25.005	.98658	2.4554	1.2644	4.9188	2.5055	25.003

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4758	1.2370	24.658	2.4938	2.4391	24.873	5.0389	4.9995
Stddev	.0077	.0023	.195	.0039	.0001	.182	.0236	.0325
%RSD	.31289	.18336	.78963	.15647	.00489	.73339	.46823	.65048

#1	2.4812	1.2354	24.520	2.4910	2.4390	24.744	5.0556	4.9765
#2	2.4703	1.2386	24.796	2.4965	2.4391	25.002	5.0222	5.0225

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9085	4.8539	4.9416	5.0204	4.9973	4.857	4.9554	F 4.0628
Stddev	.0219	.0170	.0020	.0483	.0410	.015	.0598	.4788
%RSD	.44531	.35135	.04023	.96127	.82014	.3096	1.2072	11.786

#1	4.9239	4.8419	4.9430	4.9863	4.9684	4.868	4.9131	3.7242
#2	4.8930	4.8660	4.9402	5.0545	5.0263	4.847	4.9977	4.4014

Sample Name: CCV01 Acquired: 8/15/2018 13:04:27 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	10.5027
Stddev	1.2578
%RSD	13.237

#1	10.392
#2	8.6133

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.8	52096.	5226.3	91.420	2410.1
Stddev	11.3	90.	14.7	.125	11.0
%RSD	.52477	.17259	.28081	.13647	.45667

#1	2146.8	52033.	5215.9	91.332	2402.4
#2	2162.8	52160.	5236.7	91.508	2417.9

Sample Name: CCB01 Acquired: 8/15/2018 13:08:21 Type: Unk
Method: P4-ICP2(v2356) 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	.00386	.00105	.00008	.00300	.00076	.00019	.00109
Stddev	.00130	.00084	.00034	.00248	.00167	.00530	.00039
%RSD	33.672	79.886	401.87	82.753	219.81	2776.7	35.397

#1	.00294	.00165	-.00016	.00475	-.00194	-.00356	-.00082
#2	.00478	.00046	.00033	.00124	.00042	.00394	-.00137

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00006	.00337	.00012	.00016	.00024	.00090
Stddev	.00005	.00003	.00109	.00057	.00000	.00020	.00111
%RSD	440.07	55.911	32.167	453.58	.84334	81.616	123.59

#1	-.00004	.00009	-.00414	-.00053	.00016	.00038	.00169
#2	.00002	.00004	-.00261	.00028	.00016	.00010	.00011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.01771	.00034	.00020	.00527	.00035	.00027
Stddev	.00001	.01228	.00018	.00083	.00796	.00051	.00000
%RSD	11.831	69.328	52.164	409.54	151.21	143.86	.61191

#1	-.00006	.02639	.00022	-.00038	.00036	-.00072	-.00027
#2	-.00005	.00903	.00047	.00079	-.01089	.00001	-.00027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01952	.00017	.00352	.00644	.00114	.00060	.00198
Stddev	.04580	.00002	.00594	.00436	.00322	.00022	.00082
%RSD	234.65	14.276	169.04	67.680	282.60	36.981	41.134

#1	.01287	-.00018	-.00069	-.00336	.00342	.00076	.00256
#2	-.05191	-.00015	.00772	-.00953	-.00114	.00044	.00141

Sample Name: CCB01 Acquired: 8/15/2018 13:08:21 Type: Unk
Method: P4-ICP2(v2356) 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	.0016	.00010	F 1.5698	F<00000
Stddev	.00067	.0000	.00003	.1224	3.7373
%RSD	30.661	.0208	31.122	7.7951	115.07
#1	.00267	.0016	.00012	1.6563	-5.8905
#2	.00172	.0016	.00007	1.4833	-.60513
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2251.1	55474.	5260.5	94.341	2762.1
Stddev	7.8	284.	20.3	2.417	12.4
%RSD	.34587	.51130	.38578	2.5620	.44911
#1	2245.6	55273.	5274.8	92.632	2753.3
#2	2256.6	55674.	5246.1	96.050	2770.9

Sample Name: J4466-01 Acquired: 8/15/2018 13:47:38 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: G.L.-NORTH-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	.15803	.00582	.38395	.01527	.00231	20.817	.23429	.00061
Stddev	.00648	.00035	.00141	.00026	.00078	.757	.00095	.00006
%RSD	4.0975	6.0820	.36594	1.7066	33.887	3.6345	.40498	9.6379

#1	.15345	-.00557	.38295	.01545	-.00287	21.352	.23496	.00057
#2	.16261	-.00607	.38494	.01509	-.00176	20.282	.23362	.00065

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00511	38.694	.01851	.01457	.14230	23.822	3.9734	20.244
Stddev	.00004	1.267	.00025	.00013	.00004	.643	.0092	.384
%RSD	.84851	1.4281	1.3757	.89113	.03098	2.7012	.23178	1.8985

#1	.00514	87.799	.01833	.01448	.14233	24.277	3.9669	19.972
#2	.00508	89.590	.01869	.01466	.14226	23.367	3.9799	20.515

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02295	.00118	34.876	.02768	.47305	44.441	.00172	.07189
Stddev	.00018	.00037	1.108	.00020	.01292	.373	.00009	.00201
%RSD	.79840	30.959	1.3054	.71664	2.7322	.84007	5.1236	2.7941

#1	.02282	.00092	84.092	.02782	.48219	44.177	.00165	.07331
#2	.02308	.00144	85.659	.02754	.46391	44.705	.00178	.07047

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.019	34.041	.00265	.50195	.02533	2.655	.57086	1.2410
Stddev	.008	.187	.00168	.04132	.00104	.001	.00480	.0750
%RSD	.07420	.54851	63.403	8.2326	4.1145	.0177	.84127	6.0453

#1	11.025	34.173	.00384	.53117	.02607	2.655	.56746	1.2941
#2	11.013	33.909	.00146	.47273	.02459	2.655	.57425	1.1880

Sample Name: J4466-01 Acquired: 8/15/2018 13:47:38 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: G.L.-NORTH-1 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	41.448
Stddev	1.376
%RSD	3.3187

#1	42.421
#2	40.476

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2033.6	51168.	5286.3	39.178	2304.8
Stddev	17.9	282.	5.1	2.890	13.4
%RSD	.88027	.55103	.09688	3.2413	.58158

#1	2021.0	50968.	5290.0	87.134	2295.3
#2	2046.3	51367.	5282.7	91.222	2314.3

Sample Name: J4466-02 Acquired: 8/15/2018 13:51:39 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: G.L.-5.0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01291	-.00160	-.00097	.00970	-.00248	2.8207	.04405	.00001
Stddev	.00256	.00051	.00128	.00055	.00058	.0055	.00019	.00000
%RSD	19.873	31.969	132.00	5.7139	23.305	.19439	.42777	16.018

#1	.01472	-.00197	-.00187	.00930	-.00289	2.8246	.04392	.00001
#2	.01109	-.00124	-.00006	.01009	-.00207	2.8168	.04419	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00029	57.165	.00283	.00115	.01246	2.3732	.11747	12.575
Stddev	.00001	.819	.00012	.00019	.00051	.1124	.00025	.126
%RSD	3.7356	1.4321	4.1043	16.889	4.1314	4.7348	.21647	1.0016

#1	.00030	56.586	.00275	.00101	.01282	2.2938	.11729	12.486
#2	.00028	57.744	.00291	.00129	.01209	2.4527	.11765	12.664

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00274	.00063	75.379	.00423	.03000	4.0378	.00002	.04071
Stddev	.00031	.00005	.992	.00049	.00051	.0173	.00000	.00870
%RSD	11.426	7.5952	1.3165	11.612	1.6933	.42711	22.920	21.377

#1	.00296	.00059	74.678	.00457	.02965	4.0256	-.00002	.03455
#2	.00252	.00066	76.081	.00388	.03036	4.0500	-.00002	.04686

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	50.676	3.1277	-.01756	.06365	.00623	.1863	.29220	4.6644
Stddev	.357	.0685	.00118	.00274	.00082	.0030	.00215	.3263
%RSD	.70477	.84284	6.7242	4.3105	13.153	1.608	.73634	6.9962

#1	50.928	8.1761	-.01672	.06171	.00565	.1884	.29068	4.8952
#2	50.423	8.0792	-.01839	.06559	.00681	.1842	.29373	4.4337

Sample Name: J4466-02 Acquired: 8/15/2018 13:51:39 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: G.L.-5.0 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.696
Stddev	2.723
%RSD	19.880

#1	11.771
#2	15.621

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2044.7	51964.	5136.3	90.187	2413.7
Stddev	24.1	145.	20.3	.989	24.2
%RSD	1.1772	.27905	.39484	1.0968	1.0025

#1	2027.6	51862.	5122.0	90.886	2396.6
#2	2061.7	52067.	5150.6	89.488	2430.9

Sample Name: J4466-03 Acquired: 8/15/2018 13:55:45 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: G.L.-MIDDLE- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05485	.00515	.04101	.00281	.00196	23.048	.10970
Stddev	.00456	.00033	.00075	.00158	.00207	.032	.00058
%RSD	8.3074	6.4987	1.8181	56.219	105.43	.13669	.52637

#1	.05807	-.00539	.04154	.00169	-.00342	23.025	.10930
#2	.05163	-.00491	.04048	.00393	-.00050	23.070	.11011

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	.00024	32.079	.02038	.01125	.04268	27.974
Stddev	.00006	.00004	.440	.00008	.00019	.00023	.333
%RSD	9.4878	14.886	1.3716	.38512	1.6687	.54976	1.1901

#1	.00062	.00021	31.768	.02032	.01139	.04251	28.209
#2	.00071	.00026	32.390	.02043	.01112	.04284	27.738

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0529	10.422	.02114	.00070	79.631	.03168	.18703
Stddev	.0022	.142	.00080	.00005	.821	.00063	.00481
%RSD	.10818	1.3631	3.7734	7.0322	1.0305	2.0002	2.5723

#1	2.0545	10.322	.02170	.00073	79.050	.03123	.19044
#2	2.0513	10.523	.02058	.00066	80.211	.03213	.18363

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.316	.00170	.04148	3.1869	31.346	.00031	.36690
Stddev	.237	.00030	.00890	.0156	.055	.00175	.00139
%RSD	1.6560	17.677	21.456	.19032	.17500	569.70	.37986

#1	14.148	.00191	.04778	8.1979	31.308	.00155	.36591
#2	14.484	.00149	.03519	8.1759	31.385	-.00093	.36788

Sample Name: J4466-03 Acquired: 8/15/2018 13:55:45 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: G.L.-MIDDLE- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02738	1.154	.15685	F<00000	40.338
Stddev	.00088	.001	.00189	.34237	2.946
%RSD	3.2196	.1016	1.2028	33.499	7.3030

#1	.02800	1.155	.15551	-.77992	38.255
#2	.02676	1.153	.15818	-1.2641	42.421

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.6	52178.	5265.3	37.687	2410.9
Stddev	11.8	292.	5.1	2.437	15.1
%RSD	.56312	.55971	.09626	2.7795	.62800

#1	2093.2	51971.	5261.7	85.963	2400.2
#2	2110.0	52384.	5268.9	89.410	2421.6

Sample Name: J4466-04 Acquired: 8/15/2018 13:59:47 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: G.L.-UST Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00659	.00518	.00829	.01272	.00339	3.5033	.05990	.00006
Stddev	.00059	.00028	.00124	.00181	.00099	.0045	.00090	.00009
%RSD	9.0078	5.3999	14.966	14.215	29.172	.12828	1.5024	155.71

#1	.00617	-.00499	.00917	.01400	-.00269	3.5001	.05926	-.00001
#2	.00701	-.00538	.00742	.01144	-.00409	3.5065	.06054	.00012

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00076	115.55	.00175	.00593	.01529	3.5293	2.4991	16.277
Stddev	.00001	2.12	.00037	.00009	.00025	.1211	.0007	.310
%RSD	1.2662	1.8370	21.302	1.5398	1.6227	3.4304	.02871	1.9035

#1	.00077	114.05	.00201	.00600	.01547	3.4437	2.4996	16.058
#2	.00075	117.05	.00148	.00587	.01512	3.6149	2.4986	16.497

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00540	.00076	47.839	.00526	.11375	3.5733	.00041	.05530
Stddev	.00002	.00026	.838	.00044	.00134	.1787	.00026	.00587
%RSD	.30354	33.920	1.7515	8.3279	1.1797	2.0838	63.108	10.608

#1	.00538	.00058	47.246	.00495	.11280	8.4470	.00023	.05116
#2	.00541	.00095	48.431	.00557	.11469	8.6996	.00060	.05945

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.970	9.6465	.01479	.07803	.00721	.2099	.57899	5.9676
Stddev	.100	.1034	.00021	.00800	.00011	.0010	.00966	.5384
%RSD	.20384	1.0719	1.4332	10.259	1.5914	.4796	1.6677	9.0225

#1	49.041	9.5734	-.01464	.08369	.00713	.2092	.57216	5.5869
#2	48.900	9.7196	-.01493	.07237	.00729	.2107	.58582	6.3483

Sample Name: J4466-04 Acquired: 8/15/2018 13:59:47 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: G.L.-UST Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.841
Stddev	.259
%RSD	1.7469

#1	15.024
#2	14.658

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2028.6	51269.	5137.5	90.437	2383.0
Stddev	12.7	156.	15.7	.514	12.0
%RSD	.62527	.30423	.30560	.56791	.50227

#1	2019.6	51159.	5148.6	90.800	2374.6
#2	2037.5	51380.	5126.4	90.074	2391.5

Sample Name: J4466-05 Acquired: 8/15/2018 14:03:48 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: G.L.-8.0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01868	-.00403	.08828	.01197	-.00222	11.918	.08870	.00041
Stddev	.00241	.00019	.00096	.00261	.00100	.030	.00069	.00008
%RSD	12.880	4.6827	1.0907	21.789	45.057	.25151	.78287	19.097

#1	.02039	-.00390	.08760	.01013	-.00151	11.939	.08821	.00047
#2	.01698	-.00417	.08897	.01381	-.00292	11.897	.08919	.00036

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00066	42.083	.01042	.00636	.03413	13.733	1.3023	9.6194
Stddev	.00007	.835	.00057	.00010	.00006	.469	.0012	.1356
%RSD	10.165	1.9853	5.4796	1.6112	.17774	3.4135	.08848	1.4095

#1	.00061	41.492	.01083	.00643	.03417	13.402	1.3015	9.5236
#2	.00071	42.673	.01002	.00629	.03409	14.065	1.3031	9.7153

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01288	.00009	36.396	.01768	.30077	12.246	.00125	.05735
Stddev	.00034	.00068	1.081	.00011	.00927	.159	.00014	.00210
%RSD	2.6522	783.23	1.6283	.60550	3.0808	1.2980	10.990	3.6540

#1	.01264	.00057	65.632	.01760	.29422	12.134	.00135	.05884
#2	.01312	-.00040	67.161	.01776	.30732	12.359	.00116	.05587

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.253	21.514	.00010	.23040	.01497	.7730	.21955	1.2163
Stddev	.011	.077	.00117	.00307	.00202	.0034	.00315	.0317
%RSD	.09811	.35752	1193.9	1.3305	13.520	.4385	1.4336	2.6096

#1	11.260	21.460	.00073	.22823	.01354	.7754	.21733	1.1939
#2	11.245	21.569	-.00093	.23257	.01640	.7706	.22178	1.2387

Sample Name: J4466-05 Acquired: 8/15/2018 14:03:48 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: G.L.-8.0 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 27.479
 Stddev 3.486
 %RSD 12.687

#1 29.944
 #2 25.014

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2089.6	51934.	5244.5	90.232	2421.7
Stddev	21.8	219.	8.6	1.773	15.3
%RSD	1.0434	.42190	.16310	1.9644	.63120

#1	2074.2	51779.	5250.5	91.485	2410.9
#2	2105.0	52089.	5238.4	88.978	2432.5

Sample Name: J4459-01 Acquired: 8/15/2018 14:07:47 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06282	.00507	.07302	.00910	.00677	4.2092	.18158	.00026
Stddev	.00198	.00233	.00097	.00097	.00240	.0150	.00148	.00000
%RSD	3.1586	45.908	1.3352	10.695	35.434	.35729	.81659	1.7063
#1	.06141	.00672	.07371	.00842	.00507	4.1985	.18053	.00026
#2	.06422	.00343	.07233	.00979	.00846	4.2198	.18263	.00025
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	107.99	.06242	.00304	.03839	5.7905	.26784	18.985
Stddev	.00013	1.19	.00167	.00023	.00014	.2239	.00107	.291
%RSD	34.921	1.1016	2.6738	7.4047	.37644	3.8674	.40059	1.5334
#1	.00045	107.15	.06360	.00288	.03849	5.6321	.26708	18.779
#2	.00027	108.83	.06124	.00320	.03829	5.9488	.26860	19.191
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03318	.00141	57.308	1.3599	.08675	15.363	.05005	.80446
Stddev	.00011	.00069	.510	.0078	.00242	.116	.00034	.00442
%RSD	.32174	48.820	.89009	.57651	2.7847	.75392	.67050	.54902
#1	.03310	-.00092	56.947	1.3544	.08504	15.281	.05029	.80133
#2	.03326	-.00190	57.669	1.3654	.08845	15.445	.04981	.80758
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.108	21.859	.00544	.21249	.04632	.2845	1.1215	5.3405
Stddev	.023	.023	.00068	.00214	.00025	.0014	.0082	.1450
%RSD	.12780	.10675	12.451	1.0090	.53931	.4879	.73468	2.7150
#1	18.092	21.876	.00496	.21401	.04650	.2835	1.1156	5.4430
#2	18.125	21.843	.00592	.21097	.04615	.2854	1.1273	5.2380

Sample Name: J4459-01 Acquired: 8/15/2018 14:07:47 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 15.666
Stddev 4.468
%RSD 28.521

#1 12.507
#2 18.826

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.9	51389.	5159.0	37.967	2366.6
Stddev	9.0	13.	24.2	1.983	1.1
%RSD	.43777	.02590	.46933	2.2547	.04709

#1	2039.6	51379.	5141.9	89.369	2365.8
#2	2052.2	51398.	5176.2	86.565	2367.4

Sample Name: J4459-01DUP Acquired: 8/15/2018 14:11:47 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA7353 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06823	.00699	.07308	.01224	.00860	4.3019	.18371	.00025
Stddev	.00129	.00075	.00013	.00664	.00228	.0010	.00163	.00008
%RSD	1.8852	10.783	.17469	54.246	26.491	.02399	.88999	33.549

#1	.06733	.00646	.07317	.01694	.00699	4.3026	.18255	.00019
#2	.06914	.00752	.07299	.00755	.01021	4.3012	.18486	.00031

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00036	108.76	.06369	.00283	.03851	5.7546	.26997	19.229
Stddev	.00002	.70	.00015	.00012	.00014	.0559	.00053	.415
%RSD	6.0814	.64502	.23860	4.1790	.37376	.97198	.19646	2.1558

#1	.00037	108.27	.06380	.00275	.03861	5.7151	.26960	18.936
#2	.00034	109.26	.06358	.00291	.03841	5.7942	.27035	19.522

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03249	.00121	57.629	1.3736	.08631	15.474	.05015	.81897
Stddev	.00041	.00027	.365	.0056	.00047	.060	.00004	.00586
%RSD	1.2487	22.313	.63342	.41098	.53914	.39037	.07938	.71558

#1	.03220	-.00102	57.371	1.3696	.08598	15.432	.05018	.82312
#2	.03278	-.00140	57.887	1.3776	.08664	15.517	.05012	.81483

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.067	21.803	.00564	.21744	.04710	.2869	1.1261	5.1481
Stddev	.017	.085	.00013	.00145	.00163	.0015	.0057	.1067
%RSD	.09676	.39118	2.3237	.66490	3.4605	.5371	.50555	2.0718

#1	18.054	21.742	.00554	.21642	.04594	.2880	1.1221	5.2235
#2	18.079	21.863	.00573	.21846	.04825	.2858	1.1302	5.0727

Sample Name: J4459-01DUP Acquired: 8/15/2018 14:11:47 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: ICSA7353 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	19.521
Stddev	.414
%RSD	2.1191

#1	19.814
#2	19.229

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2055.1	50821.	5130.7	38.625	2376.7
Stddev	4.5	104.	15.9	.193	7.8
%RSD	.21718	.20448	.30953	.21733	.32901

#1	2051.9	50747.	5119.4	88.489	2371.2
#2	2058.2	50894.	5141.9	88.761	2382.2

Sample Name: J4459-01LX5 Acquired: 8/15/2018 14:15:47 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB7353 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01657	.00027	.01521	.00851	.00121	.83954	.03543
Stddev	.00263	.00188	.00068	.00434	.00132	.01757	.00085
%RSD	15.842	696.74	4.4649	51.008	109.24	2.0928	2.3919

#1	.01843	-.00106	.01569	.00544	-.00027	.82711	.03483
#2	.01472	.00160	.01473	.01158	-.00214	.85196	.03603

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.00014	22.263	.01303	.00068	.00814	1.1407
Stddev	.00002	.00005	.340	.00085	.00004	.00029	.0078
%RSD	20.820	37.627	1.5283	6.5242	5.3339	3.5880	.68288

#1	.00008	.00018	22.023	.01243	.00071	.00793	1.1462
#2	.00010	.00010	22.504	.01363	.00066	.00835	1.1351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05535	3.9050	.00705	.00019	11.315	.27436	.01725
Stddev	.00026	.1344	.00002	.00030	.160	.00224	.00037
%RSD	.47387	3.4426	.30642	155.89	1.4139	.81679	2.1717

#1	.05517	3.8099	.00704	-.00040	11.201	.27278	.01752
#2	.05554	4.0000	.00707	.00002	11.428	.27595	.01699

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0836	.00965	.17229	3.5693	4.6133	.00153	.04354
Stddev	.0452	.00019	.00970	.0066	.0456	.00199	.00174
%RSD	1.4642	1.9456	5.6282	.18640	.98773	129.65	3.9857

#1	3.0517	.00952	.17915	3.5740	4.5811	.00294	.04231
#2	3.1156	.00978	.16544	3.5646	4.6456	.00013	.04477

Sample Name: J4459-01LX5 Acquired: 8/15/2018 14:15:47 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB7353 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01019	.0567	.22437	4.6921	F<00000
Stddev	.00059	.0007	.00253	.2008	1.6221
%RSD	5.7567	1.209	1.1298	4.2784	73.697
#1	.00977	.0562	.22258	4.5502	-1.0541
#2	.01060	.0572	.22617	4.8341	-3.3481
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2162.0	54175.	5249.9	93.958	2599.5
Stddev	3.3	9.	18.8	2.104	2.5
%RSD	.15455	.01610	.35864	2.2389	.09663
#1	2164.3	54169.	5263.3	92.471	2601.3
#2	2159.6	54181.	5236.6	95.445	2597.8

Sample Name: J4459-01MS Acquired: 8/15/2018 14:19:51 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV13686 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	.92294	1.9908	1.0777	2.1502	.86130	3.4101	.40882	.21265	.20140
Stddev	.00631	.0029	.0040	.0020	.00495	.0222	.00401	.00026	.00030
%RSD	.68338	.14493	.37235	.09359	.57480	.34560	.98153	.12287	.14988

#1	.92740	1.9887	1.0806	2.1516	.86480	6.3944	.40598	.21247	.20119
#2	.91848	1.9928	1.0749	2.1488	.85780	6.4258	.41165	.21284	.20161

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	109.16	.48658	.21301	.36682	9.0216	.48190	21.248	.55602	.07327
Stddev	1.62	.00092	.00007	.00218	.0688	.00092	.351	.00251	.00051
%RSD	1.4861	.18830	.03499	.59340	.76270	.19169	1.6528	.45129	.70233

#1	108.01	.48723	.21306	.36836	8.9729	.48125	20.999	.55424	.07291
#2	110.31	.48593	.21295	.36528	9.0703	.48255	21.496	.55779	.07364

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	30.623	1.6775	.29050	26.513	.50877	1.1531	17.911	22.693	.73754
Stddev	.849	.0001	.00097	.348	.00022	.0084	.010	.104	.00169
%RSD	1.4003	.00565	.33442	1.3136	.04330	.73130	.05489	.45627	.22971

#1	60.023	1.6774	.29118	26.266	.50892	1.1471	17.918	22.620	.73874
#2	61.223	1.6776	.28981	26.759	.50861	1.1591	17.904	22.766	.73634

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44300	.27164	3.159	1.3456	4.6335	3.7161
Stddev	.01264	.00224	.007	.0163	.0435	2.6654
%RSD	2.8537	.82516	.1185	1.2098	.93843	30.580

#1	.43406	.27006	6.154	1.3341	4.6028	10.601
#2	.45194	.27323	6.165	1.3571	4.6642	6.8314

Sample Name: J4459-01MS Acquired: 8/15/2018 14:19:51 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV13686 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	2021.1	50472.	5052.5	38.228	2332.6
Stddev	7.5	30.	30.6	.429	1.8
%RSD	.37278	.05858	.60550	.48592	.07620
#1	2015.7	50451.	5074.2	87.925	2331.3
#2	2026.4	50493.	5030.9	88.531	2333.8

Sample Name: J4459-01MSD Acquired: 8/15/2018 14:23:42 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FRAC-TANK-SV 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	.91981	1.9821	1.0664	2.1349	.85518	3.3830	.40724	.21067	.20074
Stddev	.00349	.0052	.0015	.0036	.00077	.0331	.00515	.00036	.00007
%RSD	.37986	.26124	.13981	.17056	.08971	.51805	1.2637	.17269	.03341

#1	.92228	1.9785	1.0653	2.1375	.85463	6.3597	.40360	.21041	.20069
#2	.91734	1.9858	1.0675	2.1323	.85572	6.4064	.41088	.21093	.20078

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	108.76	.47879	.21138	.36374	3.8607	.48071	.21.105	.55283	.07321
Stddev	1.94	.00258	.00030	.00010	.1692	.00089	.269	.00250	.00000
%RSD	1.7837	.53935	.14297	.02618	1.9094	.18564	1.2758	.45131	.00046

#1	107.39	.48061	.21159	.36367	8.7411	.48134	20.914	.55107	.07321
#2	110.13	.47696	.21116	.36380	8.9804	.48008	21.295	.55460	.07321

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	30.429	1.6710	.28553	26.376	.50539	1.1322	17.835	22.355	.73167
Stddev	.998	.0027	.00184	.477	.00137	.0126	.037	.120	.00067
%RSD	1.6520	.15895	.64387	1.8071	.27017	1.1088	.20775	.53595	.09184

#1	59.723	1.6729	.28423	26.039	.50442	1.1234	17.809	22.270	.73119
#2	61.135	1.6691	.28683	26.714	.50635	1.1411	17.861	22.440	.73214

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43750	.26592	3.118	1.3382	4.9605	7.4034
Stddev	.01227	.00254	.006	.0197	.1440	2.6602
%RSD	2.8048	.95662	.0929	1.4755	2.9023	35.932

#1	.42882	.26412	6.114	1.3242	4.8587	5.5223
#2	.44618	.26772	6.122	1.3521	5.0623	9.2844

Sample Name: J4459-01MSD Acquired: 8/15/2018 14:23:42 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FRAC-TANK-SV 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	2029.0	50767.	5093.4	39.568	2338.9
Stddev	7.2	219.	5.4	.229	6.8
%RSD	.35372	.43124	.10639	.25554	.29069
#1	2023.9	50612.	5097.2	89.730	2334.0
#2	2034.0	50922.	5089.6	89.407	2343.7

Sample Name: CCV02 Acquired: 8/15/2018 14:27:35 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV13685 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9713	4.8290	4.8899	5.0560	4.9924	3.7009	3.9763	2.4061
Stddev	.0065	.0122	.0089	.0179	.0038	.1224	.1044	.00086
%RSD	.13152	.25239	.18206	.35382	.07681	1.2617	1.0464	.35874
#1	4.9760	4.8204	4.8836	5.0686	4.9951	9.6144	9.9025	.24122
#2	4.9667	4.8377	4.8962	5.0433	4.9897	9.7875	10.050	.24000
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4055	24.070	.93591	2.4277	1.2650	4.8709	2.4195	24.483
Stddev	.0045	.354	.00057	.0030	.0006	.1039	.0076	.334
%RSD	.18732	1.4717	.06127	.12410	.04362	2.1332	.31621	1.3660
#1	2.4023	23.819	.93632	2.4256	1.2646	4.7974	2.4249	24.246
#2	2.4086	24.320	.93551	2.4298	1.2653	4.9444	2.4141	24.719
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4470	1.1962	23.991	2.4238	2.4214	24.697	5.0265	4.9819
Stddev	.0042	.0001	.332	.0041	.0351	.414	.0030	.0210
%RSD	.17153	.01282	1.3823	.16771	1.4487	1.6748	.05922	.42077
#1	2.4441	1.1963	23.756	2.4267	2.3966	24.404	5.0243	4.9670
#2	2.4500	1.1961	24.225	2.4209	2.4462	24.989	5.0286	4.9967
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8466	4.8342	4.8691	4.9337	4.9045	4.729	4.8952	F 3.7693
Stddev	.0048	.0200	.0126	.0384	.0573	.004	.0990	.1290
%RSD	.09812	.41408	.25928	.77742	1.1677	.0849	2.0222	3.4223
#1	4.8432	4.8200	4.8602	4.9066	4.8640	4.727	4.8252	3.6781
#2	4.8499	4.8484	4.8781	4.9608	4.9450	4.732	4.9652	3.8605

Sample Name: CCV02 Acquired: 8/15/2018 14:27:35 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV13685 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F.00536
Stddev	8.7542
%RSD	163200.

#1	-6.1848
#2	6.1955

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2151.9	53404.	5264.7	91.631	2428.1
Stddev	3.1	197.	5.6	1.098	1.0
%RSD	.14594	.36819	.10679	1.1980	.04008

#1	2149.6	53265.	5260.7	92.407	2427.4
#2	2154.1	53543.	5268.7	90.855	2428.8

Sample Name: CCB02 Acquired: 8/15/2018 14:31:27 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB13685 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00209	.00135	.00067	.00447	.00061	.00390	.00217
Stddev	.00085	.00014	.00028	.00203	.00109	.00268	.00005
%RSD	40.909	10.063	42.004	45.451	176.89	68.731	2.0865

#1	.00148	.00144	.00047	.00591	.00015	.00579	-.00220
#2	.00269	.00125	.00087	.00303	-.00138	.00200	-.00213

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00005	.00211	.00034	.00027	.00006	.01223
Stddev	.00012	.00003	.00295	.00002	.00014	.00027	.00205
%RSD	478.58	66.654	139.59	6.4359	49.813	449.18	16.792

#1	-.00006	.00008	.00420	.00033	.00018	.00025	.01078
#2	.00011	.00003	.00003	.00036	.00037	-.00013	.01369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.02075	.00019	.00024	.00461	.00035	.00029
Stddev	.00002	.04118	.00011	.00036	.00147	.00031	.00006
%RSD	9174.1	198.45	55.869	152.03	31.953	88.451	19.400

#1	.00001	-.00837	.00011	-.00002	-.00565	-.00057	-.00033
#2	-.00001	.04987	.00026	.00050	-.00357	-.00013	-.00025

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01014	.00011	.01641	.00099	.00961	.00099	.00040
Stddev	.00370	.00011	.00389	.00015	.00422	.00070	.00225
%RSD	36.485	96.103	23.732	14.646	43.895	71.153	568.78

#1	.00752	.00019	.01916	.00089	.00663	.00049	.00198
#2	.01275	.00004	.01365	.00109	.01260	.00148	-.00119

Sample Name: CCB02 Acquired: 8/15/2018 14:31:27 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB13685 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00140	.0005	.00012	F 2.7027	F<00000
Stddev	.00093	.0010	.00003	.4137	3.5159
%RSD	66.241	200.7	25.852	15.308	203.17
#1	.00206	-.0002	.00015	2.9952	-4.2167
#2	.00074	.0012	.00010	2.4101	.75558
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2230.3	55575.	5216.2	93.436	2758.2
Stddev	1.3	399.	43.9	4.622	.3
%RSD	.05769	.71850	.84245	4.9466	.00935
#1	2229.4	55293.	5247.2	96.705	2758.0
#2	2231.3	55857.	5185.1	90.168	2758.4

Sample Name: J4459-01A Acquired: 8/15/2018 14:35:48 Type: Unk
Method: P4-ICP2(v2356) 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	.91995	1.9813	1.0734	2.1405	.85807	3.2984	.40577	.20816	.20053
Stddev	.00103	.0024	.0014	.0026	.00213	.0677	.00326	.00055	.00074
%RSD	.11206	.12253	.13478	.12326	.24852	1.0750	.80445	.26238	.36940

#1	.91922	1.9830	1.0723	2.1423	.85958	6.2505	.40347	.20855	.20105
#2	.92068	1.9796	1.0744	2.1386	.85657	6.3463	.40808	.20777	.20000

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	107.91	.47300	.21210	.36568	3.9582	.47479	21.095	.55504	.07235
Stddev	.96	.00124	.00009	.00187	.2274	.00009	.263	.00021	.00057
%RSD	.89318	.26241	.04288	.51157	2.5382	.01933	1.2448	.03765	.79412

#1	107.23	.47388	.21217	.36700	8.7974	.47473	20.909	.55519	.07195
#2	108.59	.47213	.21204	.36436	9.1190	.47486	21.281	.55490	.07276

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	59.914	1.6531	.29193	26.396	.50816	1.1319	17.841	22.342	.73059
Stddev	.479	.0026	.00286	.299	.00079	.0059	.054	.011	.00396
%RSD	.80028	.15498	.97856	1.1339	.15619	.52224	.30501	.05038	.54227

#1	59.575	1.6513	.28991	26.185	.50873	1.1277	17.879	22.350	.73339
#2	60.253	1.6549	.29395	26.608	.50760	1.1361	17.802	22.334	.72779

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43597	.26776	3.105	1.3321	4.8664	3.3526
Stddev	.00869	.00404	.018	.0092	.4542	1.2357
%RSD	1.9939	1.5076	.2862	.69298	9.3323	13.212

#1	.42982	.26490	6.118	1.3256	4.5453	10.226
#2	.44212	.27061	6.093	1.3386	5.1875	8.4788

Sample Name: J4459-01A Acquired: 8/15/2018 14:35:48 Type: Unk
Method: P4-ICP2(v2356) 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	2025.5	50872.	5067.9	37.758	2339.7
Stddev	16.0	279.	32.6	.583	17.1
%RSD	.79000	.54885	.64274	.66384	.73078
#1	2014.2	50675.	5044.9	88.170	2327.6
#2	2036.8	51070.	5091.0	87.346	2351.8

Sample Name: PB112065BL Acquired: 8/15/2018 14:39:40 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00289	-.00095	-.00091	.00362	.00109	.00020	-.00166	-.00001
Stddev	.00372	.00079	.00069	.00278	.00015	.00402	.00011	.00002
%RSD	128.38	83.647	75.313	76.878	14.031	1965.8	6.7569	175.35

#1	.00027	-.00039	-.00043	.00559	.00098	-.00264	-.00174	-.00002
#2	.00552	-.00151	-.00140	.00165	.00120	.00304	-.00159	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00545	.00025	-.00006	.00021	.00940	-.00007	.01771
Stddev	.00003	.00896	.00004	.00028	.00049	.00856	.00009	.04279
%RSD	22.254	164.25	15.792	463.88	228.96	91.062	138.11	241.68

#1	.00011	.01179	.00027	.00014	-.00013	.00335	.00000	-.01255
#2	.00014	-.00088	.00022	-.00026	.00056	.01546	-.00013	.04796

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	.00069	-.01175	.00001	-.00026	-.02144	-.00031	.00754
Stddev	.00001	.00000	.00032	.00022	.00004	.00851	.00012	.00387
%RSD	1.4212	.10702	2.7080	1670.3	14.163	39.690	38.946	51.300

#1	.00048	.00069	-.01198	.00017	-.00029	-.01542	-.00040	.00481
#2	.00049	.00069	-.01153	-.00014	-.00023	-.02745	-.00023	.01028

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00774	.00094	-.00032	.00118	.0005	.00011	F2.0537
Stddev	.00295	.00393	.00004	.00133	.00095	.0011	.00001	.2581
%RSD	4837.0	50.793	4.5363	422.09	80.499	219.2	11.094	12.568

#1	.00215	.01052	.00091	-.00126	.00051	-.0003	.00011	2.2362
#2	-.00202	.00496	.00097	.00063	.00185	.0013	.00010	1.8712

Sample Name: PB112065BL Acquired: 8/15/2018 14:39:40 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F1.1527
Stddev	2.9386
%RSD	254.94

#1	-.92523
#2	3.2306

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2217.5	55795.	5217.4	97.048	2746.9
Stddev	7.5	133.	35.9	.112	14.0
%RSD	.33826	.23764	.68725	.11592	.51135

#1	2212.2	55701.	5192.1	97.127	2737.0
#2	2222.9	55889.	5242.8	96.968	2756.9

Sample Name: PB112081BS Acquired: 8/15/2018 14:43:48 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA7353 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.77191	1.8669	.93846	1.9398	.77963	2.0899	.21168
Stddev	.00309	.0077	.00384	.0032	.00250	.0246	.00225
%RSD	.39970	.41489	.40940	.16296	.32083	1.1788	1.0647

#1	.77409	1.8724	.94118	1.9421	.78140	2.0725	.21009
#2	.76973	1.8614	.93574	1.9376	.77786	2.1073	.21327

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18226	.18247	F 3.5093	.38612	.19405	.31837	3.5754
Stddev	.00014	.00005	.0319	.00044	.00063	.00132	.0824
%RSD	.07490	.02666	.90966	.11361	.32379	.41588	2.3032

#1	.18216	.18251	3.5319	.38643	.19449	.31931	3.5172
#2	.18236	.18244	3.4868	.38581	.19360	.31743	3.6336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22177	2.1791	.48655	.06772	3.0242	.30423	.19830
Stddev	.00003	.0211	.00026	.00113	.0366	.00075	.00164
%RSD	.01324	.96853	.05439	1.6646	1.2107	.24772	.82630

#1	.22175	2.1940	.48674	.06851	2.9983	.30476	.19714
#2	.22179	2.1642	.48637	.06692	3.0501	.30370	.19946

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.248	.42338	.30600	F 3.7760	1.0146	.65425	.20957
Stddev	.107	.00160	.00209	.0306	.0026	.00102	.00182
%RSD	1.0423	.37702	.68407	.81156	.25511	.15583	.86756

#1	10.173	.42451	.30452	3.7977	1.0165	.65497	.20828
#2	10.324	.42225	.30748	3.7544	1.0128	.65353	.21086

Sample Name: PB112081BS Acquired: 8/15/2018 14:43:48 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA7353 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.20400	5.272	.20751	F 1.9596	F<00000
Stddev	.00211	.012	.00213	.1684	3.3730
%RSD	1.0341	.2303	1.0265	8.5951	62.705
#1	.20251	5.280	.20601	2.0787	-7.7642
#2	.20549	5.263	.20902	1.8405	-2.9941
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2151.8	54429.	5141.4	91.709	2605.7
Stddev	21.3	62.	2.3	.106	24.7
%RSD	.99058	.11452	.04549	.11520	.94615
#1	2136.7	54385.	5139.7	91.634	2588.3
#2	2166.8	54473.	5143.0	91.784	2623.2

Sample Name: PB112073BL Acquired: 8/15/2018 14:47:44 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB7353 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00093	-.00007	-.00037	.00141	.00008	.00349	-.00163
Stddev	.00109	.00041	.00171	.00488	.00155	.00796	.00017
%RSD	117.13	579.19	468.50	345.07	2006.2	227.99	10.574

#1	.00170	-.00036	.00085	-.00204	-.00102	-.00214	-.00151
#2	.00016	.00022	-.00158	.00487	.00117	.00912	-.00175

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00010	-.00267	.00017	.00007	.00055	.01121
Stddev	.00006	.00006	.00262	.00005	.00017	.00002	.01836
%RSD	236.51	64.438	98.339	27.792	232.22	4.1252	163.70

#1	.00007	.00014	-.00081	.00020	.00019	.00057	-.00177
#2	-.00002	.00005	-.00452	.00013	-.00005	.00054	.02419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.01573	-.00010	.00010	-.01714	-.00033	-.00011
Stddev	.00004	.01507	.00037	.00042	.00501	.00006	.00001
%RSD	59.194	95.846	386.54	438.74	29.211	17.718	13.026

#1	-.00010	.02639	.00017	-.00020	-.01360	-.00028	-.00012
#2	-.00004	.00507	-.00036	.00039	-.02068	-.00037	-.00010

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02012	-.00031	.00458	.00027	.00323	-.00027	.00026
Stddev	.00988	.00005	.00779	.00148	.00090	.00113	.00013
%RSD	49.096	14.603	169.80	554.24	27.831	417.27	50.473

#1	.01314	-.00028	.01009	.00131	.00260	.00053	.00035
#2	.02711	-.00034	-.00092	-.00078	.00387	-.00107	.00017

Sample Name: PB112073BL Acquired: 8/15/2018 14:47:44 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB7353 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00152	-.0003	.00002	F 2.8203	F<00000
Stddev	.00088	.0000	.00001	.2206	.71238
%RSD	57.810	14.57	40.921	7.8223	33.599

#1	.00090	-.0003	.00003	2.9763	-1.6165
#2	.00213	-.0004	.00002	2.6643	-2.6240

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.5	56034.	5241.6	93.132	2741.0
Stddev	2.2	46.	38.3	.032	.9
%RSD	.09796	.08184	.73056	.03451	.03417

#1	2217.0	56002.	5214.5	93.109	2740.3
#2	2213.9	56067.	5268.7	93.155	2741.7

Sample Name: PB112082BS Acquired: 8/15/2018 14:51:52 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV13686 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76835	1.8542	.92818	1.9292	.77822	2.0593	.20995
Stddev	.00690	.0014	.00387	.0144	.00443	.0072	.00285
%RSD	.89798	.07288	.41746	.74671	.56958	.34763	1.3551

#1	.76347	1.8552	.93092	1.9394	.78135	2.0543	.20794
#2	.77323	1.8533	.92544	1.9191	.77508	2.0644	.21196

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18074	.18115	F 2.8470	.38495	.19264	.31695	F 3.6220
Stddev	.00008	.00040	.0362	.00280	.00052	.00083	.0604
%RSD	.04579	.21997	1.2732	.72776	.27139	.26036	1.6683

#1	.18079	.18143	2.8214	.38297	.19301	.31753	3.5793
#2	.18068	.18087	2.8727	.38693	.19227	.31636	3.6647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22012	2.1577	.48142	.06708	2.9873	.30105	.20062
Stddev	.00056	.0478	.00237	.00069	.0351	.00084	.00016
%RSD	.25625	2.2154	.49260	1.0254	1.1752	.27961	.07890

#1	.21972	2.1239	.48310	.06757	2.9625	.30046	.20051
#2	.22052	2.1915	.47975	.06660	3.0121	.30165	.20073

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.145	.42222	.30764	F 3.7771	1.0198	.65011	.20772
Stddev	.147	.00148	.00217	.0365	.0080	.00107	.00268
%RSD	1.4524	.34975	.70390	.96738	.78133	.16483	1.2897

#1	10.041	.42326	.30918	3.8029	1.0141	.64935	.20583
#2	10.249	.42117	.30611	3.7512	1.0254	.65087	.20962

Sample Name: PB112082BS Acquired: 8/15/2018 14:51:52 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV13686 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.19956	5.257	.20476	F1.7225	F<00000
Stddev	.00148	.011	.00122	.2554	.15910
%RSD	.74142	.2134	.59583	14.825	1.8664

#1	.19852	5.265	.20390	1.9031	-8.6367
#2	.20061	5.249	.20563	1.5419	-8.4117

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2164.8	55082.	5183.7	90.768	2630.2
Stddev	24.9	24.	47.8	.501	28.9
%RSD	1.1517	.04274	.92149	.55159	1.1005

#1	2147.1	55066.	5217.5	90.414	2609.7
#2	2182.4	55099.	5150.0	91.122	2650.7

Sample Name: J4478-01 Acquired: 8/15/2018 14:55:47 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: RICH-REC-ROA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05575	.00469	.43772	.00785	.00244	32.244	.59515
Stddev	.00018	.00035	.00068	.00163	.00063	.870	.00762
%RSD	.31887	7.4470	.15552	20.755	25.756	1.0576	1.2803

#1	.05562	-.00444	.43820	.00670	.00288	81.629	.58976
#2	.05587	-.00494	.43724	.00901	.00199	82.859	.60054

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00497	.00816	154.31	.21251	.07745	.22882	.230.93
Stddev	.00013	.00090	2.23	.00058	.00026	.00470	6.86
%RSD	2.5783	11.010	1.4454	.27499	.33504	2.0549	2.9720

#1	.00488	.00753	152.73	.21210	.07727	.22550	235.78
#2	.00506	.00880	155.88	.21293	.07764	.23215	226.07

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2797	43.824	.43856	.00011	2.6231	.27072	.57577
Stddev	.0085	.481	.00081	.00068	.0393	.00167	.02343
%RSD	.37364	1.0972	.18493	629.61	1.4983	.61539	4.0694

#1	2.2737	43.484	.43798	.00059	2.5953	.26955	.59233
#2	2.2857	44.164	.43913	-.00037	2.6509	.27190	.55920

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0608	.00476	.10467	3.0427	3.1523	.01851	2.2654
Stddev	.0583	.00024	.01147	.0091	.0306	.00230	.0069
%RSD	.72334	5.0992	10.961	.15001	.49723	12.409	.30296

#1	8.0196	.00458	.11279	6.0363	6.1307	.02014	2.2703
#2	8.1021	.00493	.09656	6.0491	6.1740	.01689	2.2605

Sample Name: J4478-01 Acquired: 8/15/2018 14:55:47 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: RICH-REC-ROA Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08903	3.694	.39616	F<00000	F.243.39
Stddev	.00067	.006	.00455	1.0618	1.84
%RSD	.75811	.1616	1.1496	2.0784	.75543

#1	.08951	3.690	.39294	-50.336	244.69
#2	.08855	3.698	.39938	-51.838	242.09

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2260.5	57222.	5896.7	92.191	2257.6
Stddev	11.6	77.	17.5	3.528	7.7
%RSD	.51498	.13428	.29659	3.8271	.34021

#1	2268.8	57276.	5909.1	89.696	2263.1
#2	2252.3	57167.	5884.3	94.686	2252.2

Sample Name: J4478-01DUP Acquired: 8/15/2018 14:59:40 Type: Unk
Method: P4-ICP2(v2356) 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	.05731	.00370	.43374	.01129	.00219	31.577	.59939
Stddev	.00442	.00255	.00516	.00479	.00339	.631	.00950
%RSD	7.7118	69.069	1.1905	42.417	155.29	.77346	1.5848

#1	.05418	-.00550	.43009	.00791	-.00021	81.131	.59267
#2	.06043	-.00189	.43739	.01468	.00459	82.023	.60611

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00477	.00820	153.93	.21187	.07714	.22970	.231.88
Stddev	.00001	.00093	1.86	.00112	.00012	.00595	7.70
%RSD	.15639	11.339	1.2082	.52793	.15347	2.5890	3.3205

#1	.00476	.00886	152.62	.21108	.07705	.23390	226.43
#2	.00477	.00754	155.25	.21266	.07722	.22549	237.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.2887	44.267	.43806	.00010	2.6137	.27100	.58051
Stddev	.0058	.651	.00224	.00091	.0437	.00068	.01316
%RSD	.25191	1.4716	.51046	882.89	1.6725	.24924	2.2663

#1	2.2928	43.807	.43648	-.00054	2.5828	.27147	.57121
#2	2.2846	44.728	.43965	.00074	2.6446	.27052	.58981

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1060	.00409	.09707	5.9891	3.1413	.01859	2.2557
Stddev	.1280	.00059	.00422	.0069	.0102	.00090	.0255
%RSD	1.5795	14.338	4.3495	.11472	.16588	4.8652	1.1303

#1	8.0155	.00450	.09408	5.9842	6.1341	.01795	2.2377
#2	8.1965	.00367	.10005	5.9939	6.1485	.01923	2.2737

Sample Name: J4478-01DUP Acquired: 8/15/2018 14:59:40 Type: Unk
Method: P4-ICP2(v2356) 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	.08752	3.689	.39705	F<00000	F 234.91
Stddev	.00149	.004	.00545	1.1924	7.03
%RSD	1.6990	.1034	1.3719	2.3451	2.9928

#1	.08647	3.691	.39320	-50.004	239.88
#2	.08857	3.686	.40090	-51.691	229.94

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2260.5	56995.	5823.4	91.440	2264.3
Stddev	6.2	95.	5.5	1.776	4.5
%RSD	.27292	.16591	.09522	1.9419	.20080

#1	2256.2	56928.	5827.3	92.696	2261.1
#2	2264.9	57062.	5819.5	90.185	2267.5

Sample Name: J4478-01LX5 Acquired: 8/15/2018 15:03:33 Type: Unk
Method: P4-ICP2(v2356) 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	.01604	.00168	.08908	.00715	.00293	16.583	.12776
Stddev	.00526	.00078	.00078	.00152	.00062	.226	.00175
%RSD	32.806	46.324	.88017	21.314	21.087	1.3651	1.3731

#1	.01232	-.00113	.08963	.00607	-.00337	16.423	.12652
#2	.01976	-.00223	.08852	.00823	-.00249	16.743	.12900

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00097	.00088	34.692	.04796	.01526	.05679	47.238
Stddev	.00007	.00005	.476	.00030	.00022	.00081	1.053
%RSD	7.5019	5.2053	1.3726	.61864	1.4194	1.4219	2.2296

#1	.00102	.00091	34.355	.04817	.01510	.05736	46.493
#2	.00092	.00084	35.029	.04775	.01541	.05622	47.983

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50920	9.6983	.08668	.00006	.53205	.05905	.12056
Stddev	.00070	.1703	.00069	.00011	.00025	.00019	.00162
%RSD	.13693	1.7560	.79091	175.01	.04691	.32685	1.3448

#1	.50969	9.5779	.08619	-.00015	.53223	.05918	.11941
#2	.50871	9.8187	.08716	.00002	.53188	.05891	.12171

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.7262	.00041	.01709	1.1290	1.4820	.00354	.49684
Stddev	.0680	.00013	.00846	.0095	.0269	.00034	.00870
%RSD	3.9418	31.180	49.472	.84333	1.8132	9.5309	1.7509

#1	1.6781	.00032	.01111	1.1222	1.5010	.00330	.49069
#2	1.7744	.00050	.02307	1.1357	1.4630	.00378	.50299

Sample Name: J4478-01LX5 Acquired: 8/15/2018 15:03:33 Type: Unk
 Method: P4-ICP2(v2356) 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	.01852	.6999	.08726	F<00000	59.695
Stddev	.00107	.0060	.00127	.30213	1.006
%RSD	5.7750	.8594	1.4568	3.7740	1.6857

#1	.01776	.6956	.08636	-8.2193	60.406
#2	.01927	.7041	.08815	-7.7920	58.983

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2186.7	55749.	5380.3	93.834	2540.2
Stddev	2.3	99.	26.2	1.205	.6
%RSD	.10431	.17764	.48616	1.2845	.02508

#1	2188.3	55679.	5398.8	94.686	2539.8
#2	2185.1	55820.	5361.8	92.982	2540.7

Sample Name: J4478-01MS Acquired: 8/15/2018 15:07:34 Type: Unk
Method: P4-ICP2(v2356) 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	.81842	1.9604	1.4413	1.9176	.76882	32.808	.79839
Stddev	.00441	.0058	.0024	.0073	.00092	.432	.01556
%RSD	.53829	.29399	.16711	.38024	.11996	.52113	1.9487

#1	.82154	1.9563	1.4395	1.9227	.76948	82.503	.78739
#2	.81531	1.9645	1.4430	1.9124	.76817	83.113	.80939

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19215	.20883	157.02	.56151	.28485	.51525	.231.16
Stddev	.00020	.00009	3.30	.00321	.00038	.00109	.31
%RSD	.10333	.04194	2.1037	.57213	.13336	.21246	.13419

#1	.19201	.20877	154.69	.55924	.28458	.51448	230.94
#2	.19229	.20890	159.36	.56378	.28512	.51603	231.38

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4267	46.014	.95723	.06849	5.5071	.54806	.75722
Stddev	.0036	.976	.00228	.00020	.0640	.00530	.00510
%RSD	.14873	2.1213	.23867	.29847	1.1616	.96678	.67396

#1	2.4242	45.324	.95561	.06863	5.4619	.54431	.76083
#2	2.4293	46.704	.95885	.06834	5.5523	.55180	.75361

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.128	.39689	.38149	5.9997	7.1091	.74497	2.4803
Stddev	.283	.00066	.00004	.0031	.0821	.00579	.0275
%RSD	1.5586	.16563	.00922	.05118	1.1550	.77699	1.1095

#1	17.928	.39642	.38146	5.9975	7.0511	.74088	2.4608
#2	18.328	.39735	.38151	6.0018	7.1672	.74906	2.4997

Sample Name: J4478-01MS Acquired: 8/15/2018 15:07:34 Type: Unk
 Method: P4-ICP2(v2356) 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	.28531	.540	.59173	F<.00000	F.226.44
Stddev	.00555	.015	.00923	.55183	7.66
%RSD	1.9457	.1521	1.5606	1.0887	3.3810

#1	.28139	9.530	.58520	-50.296	221.03
#2	.28924	9.550	.59826	-51.076	231.85

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2215.5	.56527.	.5691.0	.90.889	.2209.1
Stddev	.2	18.	66.8	.684	.6
%RSD	.01033	.03144	1.1739	.75249	.02653

#1	2215.3	56515.	5738.3	90.405	2209.5
#2	2215.6	56540.	5643.8	91.372	2208.7

Sample Name: J4478-01MSD Acquired: 8/15/2018 15:11:23 Type: Unk
Method: P4-ICP2(v2356) 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	.79916	1.9311	1.4062	1.8780	.75927	31.661	.77713
Stddev	.00890	.0013	.0038	.0069	.00699	2.482	.00865
%RSD	1.1135	.06614	.26723	.36746	.92034	3.0390	1.1125

#1	.80545	1.9302	1.4089	1.8829	.76421	79.907	.77102
#2	.79286	1.9320	1.4035	1.8731	.75433	83.416	.78324

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19119	.20304	152.47	.55865	.27773	.49820	.237.57
Stddev	.00425	.00090	1.47	.01637	.00011	.00360	1.42
%RSD	2.2221	.44271	.96196	2.9305	.03988	.72316	.59645

#1	.18818	.20367	151.44	.54708	.27781	.50075	236.57
#2	.19419	.20240	153.51	.57023	.27765	.49565	238.58

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4080	44.750	.93346	.06979	5.3465	.54769	.77962
Stddev	.0565	.509	.00212	.00209	.0656	.01666	.00357
%RSD	2.3448	1.1369	.22665	2.9956	1.2277	3.0425	.45815

#1	2.3681	44.390	.93496	.06831	5.3001	.53591	.78214
#2	2.4479	45.109	.93197	.07127	5.3929	.55947	.77709

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.686	.39095	.38252	5.8381	5.9124	.73239	2.4087
Stddev	.183	.00100	.00087	.0306	.0319	.00016	.0263
%RSD	1.0321	.25477	.22650	.52433	.46129	.02197	1.0905

#1	17.557	.39165	.38191	5.8597	6.8898	.73250	2.3901
#2	17.815	.39024	.38314	5.8164	6.9349	.73227	2.4273

Sample Name: J4478-01MSD Acquired: 8/15/2018 15:11:23 Type: Unk
 Method: P4-ICP2(v2356) 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	.27998	.316	.57512	F<00000	F.236.24
Stddev	.00375	.029	.00568	.91473	12.09
%RSD	1.3384	.3162	.98741	1.8040	5.1190
#1	.27733	9.337	.57111	-51.351	244.80
#2	.28263	9.296	.57914	-50.057	227.69
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2270.5	56760.	5795.3	37.953	2273.8
Stddev	1.3	1112.	9.3	.434	.0
%RSD	.05604	1.9587	.16046	.49358	.00180
#1	2269.6	57546.	5788.7	87.646	2273.9
#2	2271.4	55974.	5801.9	88.260	2273.8

Sample Name: CCV03 Acquired: 8/15/2018 15:15:12 Type: Unk
Method: P4-ICP2(v2356) 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	4.9561	4.7778	4.8516	5.0508	4.9842	3.6426	3.9286	.23827
Stddev	.0074	.0053	.0080	.0021	.0204	.1524	.0712	.00069
%RSD	.14915	.10984	.16561	.04156	.40978	1.5808	.71686	.29009

#1	4.9613	4.7815	4.8573	5.0493	4.9986	9.5348	9.8783	.23778
#2	4.9509	4.7741	4.8459	5.0523	4.9697	9.7503	9.9789	.23875

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.3779	23.875	.91583	2.4061	1.2656	4.9023	2.3957	24.403
Stddev	.0008	.331	.00119	.0060	.0070	.0428	.0011	.265
%RSD	.03448	1.3878	.12995	.24737	.55361	.87229	.04599	1.0854

#1	2.3785	23.641	.91499	2.4103	1.2705	4.9326	2.3949	24.215
#2	2.3773	24.110	.91668	2.4019	1.2606	4.8721	2.3965	24.590

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4297	1.1899	23.564	2.4033	2.3983	24.591	5.0157	5.0209
Stddev	.0009	.0054	.230	.0004	.0677	.106	.0203	.0464
%RSD	.03830	.45495	.97488	.01606	2.8219	.43155	.40435	.92331

#1	2.4304	1.1938	23.402	2.4035	2.4462	24.516	5.0300	4.9881
#2	2.4291	1.1861	23.727	2.4030	2.3505	24.666	5.0013	5.0537

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8429	4.8197	4.8326	4.8859	4.8882	4.651	4.8335	4.8351
Stddev	.0059	.0156	.0017	.0314	.0361	.001	.0119	.1555
%RSD	.12163	.32422	.03484	.64157	.73804	.0189	.24614	3.2162

#1	4.8471	4.8308	4.8337	4.8637	4.8627	4.650	4.8251	4.7252
#2	4.8388	4.8087	4.8314	4.9081	4.9137	4.652	4.8419	4.9451

Sample Name: CCV03 Acquired: 8/15/2018 15:15:12 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 5.9734
Stddev .9271
%RSD 15.520

#1 5.3179
#2 6.6290

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2118.8	52694.	5158.1	30.939	2402.7
Stddev	10.6	154.	43.1	2.547	5.6
%RSD	.49892	.29304	.83502	2.8006	.23129

#1	2111.4	52585.	5127.6	89.138	2398.8
#2	2126.3	52804.	5188.5	92.740	2406.7

Sample Name: CCB03 Acquired: 8/15/2018 15:19:04 Type: Unk
Method: P4-ICP2(v2356) 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	.00136	.00006	.00050	.00258	.00089	.00384	.00199	.00002
Stddev	.00261	.00062	.00060	.00331	.00062	.00497	.00037	.00004
%RSD	192.34	1000.9	119.48	128.26	69.692	129.39	18.785	201.44

#1	-.00049	-.00050	-.00092	.00492	-.00132	.00033	-.00173	-.00005
#2	.00320	.00038	-.00008	.00024	-.00045	.00735	-.00226	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00648	.00036	.00025	.00031	.01670	.00003	.01729
Stddev	.00010	.02461	.00065	.00014	.00058	.00595	.00003	.04979
%RSD	256.52	379.95	179.34	56.378	188.34	35.620	101.70	287.97

#1	-.00003	-.02388	.00082	.00015	.00072	.02090	-.00001	.01792
#2	.00011	.01093	-.00010	.00035	-.00010	.01249	-.00005	-.05249

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00044	.00027	.01519	.00032	.00016	.01709	.00002	.00903
Stddev	.00044	.00032	.00649	.00020	.00000	.01697	.00013	.00324
%RSD	100.67	118.50	42.719	63.087	1.0260	99.314	661.41	35.869

#1	-.00013	.00004	-.01978	-.00047	-.00016	.02909	.00007	.01132
#2	-.00075	.00050	-.01060	-.00018	-.00016	.00509	-.00011	.00674

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.01024	.00007	.00211	.00118	.0001	.00008	F2.6807
Stddev	.00044	.00116	.00155	.00034	.00036	.0005	.00003	.3577
%RSD	559.96	11.364	2362.7	16.305	30.221	721.2	30.944	13.344

#1	.00039	.00942	.00103	.00236	.00143	.0004	.00010	2.4277
#2	-.00023	.01106	-.00116	.00187	.00093	-.0003	.00007	2.9336

Sample Name: CCB03 Acquired: 8/15/2018 15:19:04 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F1.1245
Stddev 3.0386
%RSD 270.23

#1 3.2731
#2 -1.0242

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.7	55217.	5135.3	94.066	2711.3
Stddev	.6	45.	.8	1.880	3.1
%RSD	.02623	.08093	.01515	1.9989	.11353

#1	2186.1	55186.	5135.8	92.736	2713.5
#2	2185.2	55249.	5134.7	95.395	2709.2

Sample Name: J4478-01A Acquired: 8/15/2018 15:23:10 Type: Unk
Method: P4-ICP2(v2356) 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	.82153	1.9710	1.4335	1.9325	.77516	32.898	.79359
Stddev	.00114	.0004	.0014	.0012	.00227	.706	.00870
%RSD	.13908	.01958	.09627	.06221	.29291	.85159	1.0960

#1	.82234	1.9712	1.4325	1.9316	.77677	82.398	.78744
#2	.82072	1.9707	1.4345	1.9333	.77356	83.397	.79974

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19309	.20954	156.02	.55891	.28538	.51345	.228.93
Stddev	.00045	.00047	2.27	.00061	.00009	.00134	4.27
%RSD	.23436	.22198	1.4569	.10840	.03080	.26103	1.8644

#1	.19341	.20987	154.41	.55933	.28545	.51440	225.91
#2	.19277	.20921	157.62	.55848	.28532	.51250	231.94

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4160	45.655	.95481	.06808	5.4974	.54921	.75263
Stddev	.0025	.652	.00097	.00026	.0663	.00442	.00645
%RSD	.10488	1.4278	.10149	.38508	1.2052	.80432	.85720

#1	2.4178	45.194	.95549	.06789	5.4506	.55233	.74807
#2	2.4142	46.116	.95412	.06826	5.5442	.54608	.75719

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.120	.39882	.37303	5.9398	7.0596	.74837	2.4578
Stddev	.197	.00125	.00466	.0058	.0368	.00372	.0285
%RSD	1.0854	.31370	1.2504	.09740	.52083	.49643	1.1608

#1	17.981	.39971	.37633	5.9439	7.0336	.75100	2.4377
#2	18.259	.39794	.36973	5.9357	7.0856	.74575	2.4780

Sample Name: J4478-01A Acquired: 8/15/2018 15:23:10 Type: Unk
 Method: P4-ICP2(v2356) 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	.28609	.492	.58779	F<00000	F.229.36
Stddev	.00378	.004	.00733	.28341	1.39
%RSD	1.3209	.0375	1.2473	.56246	.60515
#1	.28342	9.489	.58260	-50.588	230.34
#2	.28876	9.494	.59297	-50.187	228.38
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2224.3	.56277.	.5685.3	.91.303	.2222.8
Stddev	2.5	162.	24.5	.705	.2
%RSD	.11025	.28785	.43026	.77230	.00998
#1	2226.0	56162.	5702.6	91.802	2222.7
#2	2222.5	56391.	5668.0	90.805	2223.0

Sample Name: PB112081BL Acquired: 8/15/2018 15:27:00 Type: Unk
Method: P4-ICP2(v2356) 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	.00082	.00041	.00065	.00274	.00236	.01173	.00231
Stddev	.00055	.00041	.00059	.00074	.00075	.00525	.00012
%RSD	66.929	98.037	90.279	27.217	31.599	44.770	5.4154

#1	-.00043	-.00070	-.00023	.00326	-.00289	.01544	-.00240
#2	-.00120	-.00013	-.00106	.00221	-.00183	.00802	-.00222

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00002	.01487	.00002	.00002	.00077	.00361
Stddev	.00003	.00003	.01101	.00009	.00004	.00028	.01161
%RSD	97.259	152.75	74.014	470.42	193.07	36.163	321.65

#1	-.00005	-.00005	-.02266	.00008	.00001	.00096	.01182
#2	-.00001	.00000	-.00709	-.00004	-.00005	.00057	-.00460

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00177	.00022	.00049	.01875	.00015	.00019
Stddev	.00003	.00184	.00001	.00003	.00679	.00017	.00000
%RSD	256.82	103.87	4.6071	6.5809	36.246	113.52	.81544

#1	.00001	.00047	.00022	.00046	-.01394	-.00003	-.00019
#2	-.00003	.00307	.00021	.00051	-.02355	-.00026	-.00020

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00897	.00031	.01224	.00226	.01149	.00111	.00036
Stddev	.05763	.00032	.00811	.00541	.00027	.00036	.00003
%RSD	642.67	102.84	66.240	239.79	2.3412	32.482	7.3522

#1	.03178	-.00054	.00651	-.00608	.01130	.00137	-.00037
#2	-.04972	-.00009	.01798	.00157	.01168	.00086	-.00034

Sample Name: PB112081BL Acquired: 8/15/2018 15:27:00 Type: Unk
Method: P4-ICP2(v2356) 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	.00136	.0013	.00008	2.7581	F<00000
Stddev	.00154	.0022	.00002	.9371	5.8435
%RSD	112.61	178.6	22.477	33.974	148.04
#1	.00028	.0003	.00007	3.4207	-8.0792
#2	.00245	-.0028	.00010	2.0955	.18472
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2165.1	55042.	5131.5	94.173	2694.4
Stddev	10.5	203.	37.9	1.626	15.2
%RSD	.48441	.36921	.73890	1.7270	.56444
#1	2157.7	54898.	5104.7	95.323	2683.7
#2	2172.5	55186.	5158.3	93.023	2705.2

Sample Name: PB112081TB Acquired: 8/15/2018 15:35:03 Type: Unk

Method: P4-ICP2(v2356) 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	.00202	.00333	.00036	.00947	.00147	.00501	.00309	.00014
Stddev	.00188	.00137	.00082	.00234	.00058	.01833	.00037	.00011
%RSD	92.993	41.152	227.08	24.688	39.321	365.75	11.885	75.544

#1	-.00335	-.00430	-.00095	.01112	-.00106	-.00795	-.00283	-.00007
#2	-.00069	-.00236	.00022	.00781	-.00188	.01797	-.00335	-.00021

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00009	.01529	.00087	.00009	.00031	.00465	.00005	.02320
Stddev	.00018	.00859	.00008	.00007	.00038	.00498	.00000	.00159
%RSD	203.81	56.202	9.3930	78.060	122.79	107.16	.91925	6.8447

#1	-.00004	-.00921	.00082	-.00004	.00004	.00113	.00005	.02208
#2	.00021	-.02136	.00093	-.00014	.00058	.00817	.00005	.02433

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00077	.00050	F 271.23	.00041	.00198	.04423	.00019	.00971
Stddev	.00029	.00001	.18	.00008	.00018	.01873	.00008	.00490
%RSD	37.606	1.7005	.06721	19.947	8.8809	42.332	42.343	50.438

#1	.00057	.00049	271.10	-.00046	.00210	.05748	-.00013	.00625
#2	.00098	.00050	271.36	-.00035	.00185	.03099	-.00025	.01317

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00047	.01954	.00439	.00201	.00312	.00006	.00005	F 3.5023
Stddev	.00413	.00071	.00063	.00028	.00202	.0017	.00001	.0373
%RSD	873.63	3.6141	14.417	13.756	64.794	297.3	19.755	1.0647

#1	.00339	.02004	.00484	.00220	.00169	.00006	-.00004	3.4759
#2	-.00245	.01904	.00394	.00181	.00455	-.0018	-.00006	3.5286

Sample Name: PB112081TB Acquired: 8/15/2018 15:35:03 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 12.092
Stddev	2.158
%RSD	17.848

#1	13.618
#2	10.566

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.0	50111.	5042.1	39.986	2301.4
Stddev	11.0	76.	27.7	2.642	7.5
%RSD	.55103	.15070	.55032	2.9360	.32447

#1	1981.3	50057.	5022.5	88.118	2296.1
#2	1996.8	50164.	5061.7	91.855	2306.7

Sample Name: PB112082BL Acquired: 8/15/2018 15:39:15 Type: Unk
Method: P4-ICP2(v2356) 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	.00126	.00092	.00055	.00299	.00079	.00550	.00226
Stddev	.00136	.00036	.00003	.00360	.00043	.00159	.00002
%RSD	107.99	39.006	5.0584	120.39	53.838	28.940	.85345

#1	-.00221	-.00117	.00053	.00045	-.00109	.00662	-.00225
#2	-.00030	-.00066	.00057	.00554	-.00049	.00437	-.00227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00010	.01089	.00021	.00012	.00051	.01159
Stddev	.00005	.00004	.00119	.00034	.00002	.00016	.00305
%RSD	300.41	41.652	10.909	161.91	16.687	31.962	26.322

#1	-.00002	.00014	-.01005	.00045	.00013	.00063	.00944
#2	.00005	.00007	-.01173	-.00003	.00010	.00040	.01375

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	.00611	.00010	.00058	.00417	.00005	.00022
Stddev	.00005	.05221	.00000	.00033	.00428	.00026	.00004
%RSD	38.892	853.85	1.3730	57.384	102.54	532.08	19.948

#1	-.00008	-.04303	.00010	.00034	.00115	-.00023	-.00025
#2	-.00015	.03080	.00010	.00081	.00720	.00013	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00126	.00039	.00570	.00179	.00735	.00004	.00147
Stddev	.00619	.00032	.00139	.00133	.00003	.00075	.00145
%RSD	489.96	81.329	24.334	74.300	.37689	1729.4	98.608

#1	-.00311	-.00017	.00668	.00085	.00733	.00058	.00044
#2	.00564	-.00062	.00472	.00273	.00737	-.00049	.00249

Sample Name: PB112082BL Acquired: 8/15/2018 15:39:15 Type: Unk
 Method: P4-ICP2(v2356) 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	.00240	.0012	.00007	F 2.4509	F<00000
Stddev	.00058	.0025	.00003	.1104	3.7792
%RSD	24.252	210.6	41.461	4.5052	54.878

#1	.00281	-.0029	.00005	2.5290	-9.5588
#2	.00199	.0006	.00009	2.3728	-4.2142

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2192.1	55635.	5217.4	92.661	2721.8
Stddev	15.7	37.	16.5	1.295	12.8
%RSD	.71500	.06692	.31578	1.3979	.47025

#1	2181.0	55661.	5229.1	91.745	2712.7
#2	2203.2	55608.	5205.8	93.577	2730.8

Sample Name: PB112073BS Acquired: 8/15/2018 15:43:22 Type: Unk
Method: P4-ICP2(v2356) 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	.75910	1.7909	.90468	1.9184	.76968	1.8824	.20846
Stddev	.00656	.0007	.00088	.0144	.00328	.0007	.00262
%RSD	.86399	.03924	.09756	.75309	.42641	.03537	1.2588

#1	.75446	1.7914	.90530	1.9287	.77200	1.8829	.20661
#2	.76374	1.7904	.90405	1.9082	.76736	1.8819	.21032

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17598	.17640	.99158	.37880	.18851	.31478	2.9979
Stddev	.00023	.00081	.00104	.00170	.00039	.00151	.1318
%RSD	.13299	.45714	.10485	.44773	.20792	.47923	4.3956

#1	.17581	.17697	.99231	.37760	.18879	.31584	2.9048
#2	.17614	.17583	.99084	.38000	.18823	.31371	3.0911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19962	1.9912	.47430	.06663	2.9143	.30204	.18752
Stddev	.00034	.0202	.00132	.00028	.0592	.00037	.00550
%RSD	.16844	1.0123	.27885	.42605	2.0318	.12217	2.9323

#1	.19938	1.9769	.47523	.06683	2.8724	.30231	.18363
#2	.19986	2.0054	.47336	.06643	2.9562	.30178	.19140

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9295	.42821	.30615	F .00746	.91300	.63437	.20197
Stddev	.1359	.00243	.00564	.00270	.00236	.00078	.00245
%RSD	1.3691	.56717	1.8433	36.160	.25864	.12271	1.2128

#1	9.8334	.42993	.30216	-.00555	.91133	.63492	.20024
#2	10.026	.42650	.31014	-.00936	.91466	.63381	.20370

Sample Name: PB112073BS Acquired: 8/15/2018 15:43:22 Type: Unk
 Method: P4-ICP2(v2356) 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	.19955	F 4.729	.19997	F 1.6902	F<00000
Stddev	.00432	.017	.00198	.1816	1.7449
%RSD	2.1669	.3480	.98980	10.747	18.341

#1	.19649	4.741	.19857	1.8186	-8.2799
#2	.20260	4.718	.20137	1.5617	-10.748

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2083.6	53893.	5080.0	92.996	2582.5
Stddev	16.7	373.	12.7	2.285	18.0
%RSD	.79923	.69162	.24968	2.4575	.69844

#1	2071.8	53629.	5089.0	94.612	2569.8
#2	2095.3	54156.	5071.0	91.380	2595.3

Sample Name: PB112082TB Acquired: 8/15/2018 15:47:18 Type: Unk
Method: P4-ICP2(v2356) 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	.00621	.00090	.00030	.00733	.00027	.00364	.00260	.00013
Stddev	.00031	.00022	.00246	.00146	.00040	.01176	.00017	.00005
%RSD	5.0131	24.836	827.30	19.961	147.64	322.99	6.6571	39.118

#1	-.00643	-.00075	-.00144	.00836	.00055	-.00467	-.00273	-.00017
#2	-.00599	-.00106	.00204	.00629	-.00001	.01195	-.00248	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00019	.01302	.00091	.00004	.00056	.00698	.00007	.02462
Stddev	.00006	.00693	.00014	.00010	.00072	.00965	.00000	.03346
%RSD	30.648	53.256	15.674	246.55	128.59	138.20	4.2807	135.89

#1	.00015	-.01792	.00101	.00003	.00107	.01381	.00007	.00096
#2	.00023	-.00812	.00081	-.00011	.00005	.00016	.00007	.04828

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00086	.00083	F 323.87	.00023	.00250	.07417	.00038	.00055
Stddev	.00035	.00029	1.07	.00069	.00010	.02322	.00003	.00811
%RSD	40.474	35.388	.32978	303.01	4.1459	31.301	8.2492	1476.1

#1	.00111	.00062	323.11	.00026	.00258	.09058	-.00035	.00628
#2	.00062	.00103	324.62	-.00071	.00243	.05775	-.00040	-.00518

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00445	.01303	.00507	.00116	.00427	.0004	.00007	F 1.5809
Stddev	.00493	.00287	.00011	.00069	.00007	.0032	.00007	.4554
%RSD	110.61	22.047	2.2188	59.643	1.7219	810.5	103.09	9.9405

#1	.00794	.01507	.00499	.00067	.00432	.0026	-.00012	4.9029
#2	.00097	.01100	.00515	.00165	.00421	-.0018	-.00002	4.2589

Sample Name: PB112082TB Acquired: 8/15/2018 15:47:18 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F14.089
Stddev 5.268
%RSD 37.390

#1 10.364
#2 17.814

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1972.2	50053.	5058.1	39.098	2274.8
Stddev	11.5	284.	22.2	1.585	14.1
%RSD	.58392	.56781	.43864	1.7785	.62200

#1	1964.0	49852.	5042.5	87.977	2264.8
#2	1980.3	50254.	5073.8	90.218	2284.8

Sample Name: J4474-02 Acquired: 8/15/2018 16:00:58 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00098	.00206	.00593	.00466	.00162	.60000	.07206	.00004
Stddev	.00061	.00042	.00070	.00052	.00024	.00490	.00124	.00002
%RSD	62.341	20.275	11.770	11.154	14.841	.81640	1.7192	35.567

#1	.00055	-.00177	.00544	.00503	-.00145	.59654	.07118	-.00003
#2	.00141	-.00236	.00643	.00429	-.00179	.60347	.07293	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00010	3.5625	.00215	.00025	.00535	.80528	.03183	.64130
Stddev	.00002	.0839	.00046	.00029	.00033	.01453	.00034	.01909
%RSD	14.754	2.3545	21.283	114.75	6.0818	1.8047	1.0610	2.9761

#1	.00011	3.5032	.00183	.00005	.00558	.81556	.03159	.65479
#2	.00009	3.6218	.00247	.00045	.00512	.79500	.03207	.62780

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00131	.00099	17.025	.00341	.02648	.97940	.00132	.03582
Stddev	.00001	.00004	.251	.00044	.00075	.00442	.00022	.00115
%RSD	.93549	4.3005	1.4715	12.782	2.8326	.45137	16.325	3.2017

#1	.00132	.00096	16.848	.00371	.02701	.97627	.00117	.03663
#2	.00130	.00102	17.202	.00310	.02595	.98252	.00148	.03501

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0288	1.5407	.00083	.02541	.00167	.0269	.01660	3.4003
Stddev	.0100	.0266	.00039	.00090	.00020	.0007	.00013	.4126
%RSD	.97389	1.7293	47.327	3.5260	12.103	2.737	.77492	12.134

#1	1.0217	1.5219	.00055	.02478	.00181	.0264	.01651	3.6920
#2	1.0359	1.5596	.00111	.02604	.00153	.0274	.01669	3.1085

Sample Name: J4474-02 Acquired: 8/15/2018 16:00:58 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 3.1924
 Stddev 5.1485
 %RSD 161.27

#1 -.44813
 #2 6.8330

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.2	54244.	5166.2	92.744	2587.9
Stddev	10.7	315.	.7	3.217	6.8
%RSD	.50927	.57996	.01432	3.4684	.26464

#1	2086.7	54021.	5165.7	90.470	2583.1
#2	2101.8	54466.	5166.7	95.019	2592.8

Sample Name: J4474-02DUP Acquired: 8/15/2018 16:05:03 Type: Unk
Method: P4-ICP2(v2356) 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	.00073	.00184	.00601	.00260	.00176	.60287	.07149
Stddev	.00134	.00251	.00245	.00089	.00121	.00256	.00116
%RSD	184.96	136.89	40.751	34.169	68.679	.42526	1.6192

#1	-.00168	-.00006	.00428	.00323	-.00090	.60106	.07067
#2	.00022	-.00361	.00774	.00197	-.00261	.60469	.07230

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00011	3.5539	.00164	.00024	.00505	.81427
Stddev	.00000	.00001	.0685	.00024	.00015	.00017	.01081
%RSD	4.7094	7.9127	1.9274	14.364	63.752	3.2815	1.3272

#1	-.00006	.00012	3.5054	.00181	.00013	.00517	.80663
#2	-.00007	.00010	3.6023	.00147	.00035	.00493	.82192

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03154	.61247	.00194	.00007	16.972	.00358	.02615
Stddev	.00002	.00812	.00007	.00026	.146	.00020	.00018
%RSD	.06127	1.3259	3.4461	367.14	.86117	5.5058	.68206

#1	.03153	.60673	.00199	-.00026	16.868	.00344	.02628
#2	.03156	.61821	.00190	.00011	17.075	.00372	.02602

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97764	.00115	.03750	1.0278	1.5362	.00242	.02689
Stddev	.01919	.00015	.00574	.0119	.0216	.00105	.00094
%RSD	1.9633	13.435	15.315	1.1604	1.4043	43.186	3.4792

#1	.96406	.00126	.03344	1.0193	1.5514	.00316	.02623
#2	.99121	.00104	.04156	1.0362	1.5209	.00168	.02755

Sample Name: J4474-02DUP Acquired: 8/15/2018 16:05:03 Type: Unk
 Method: P4-ICP2(v2356) 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	.00204	.0254	.01644	3.0048	F<00000
Stddev	.00034	.0006	.00013	.4457	.77764
%RSD	16.624	2.376	.81033	14.834	37.532
#1	.00180	.0250	.01635	2.6896	-1.5220
#2	.00228	.0259	.01654	3.3199	-2.6218
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2095.8	54621.	5177.5	93.198	2593.5
Stddev	4.5	38.	31.9	.592	7.4
%RSD	.21404	.07041	.61628	.63519	.28686
#1	2099.0	54593.	5154.9	92.779	2598.8
#2	2092.6	54648.	5200.1	93.616	2588.3

Sample Name: J4474-02LX5 Acquired: 8/15/2018 16:09:08 Type: Unk
Method: P4-ICP2(v2356) 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	.00084	.00060	.00189	.00360	.00093	.11928	.01264
Stddev	.00173	.00129	.00097	.00177	.00112	.01441	.00019
%RSD	206.84	212.95	51.562	49.145	119.89	12.082	1.5393

#1	-.00206	-.00151	.00120	.00485	-.00172	.12947	.01277
#2	.00039	.00031	.00257	.00235	-.00014	.10909	.01250

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00004	.69477	.00021	.00027	.00163	.16761
Stddev	.00002	.00012	.02309	.00023	.00002	.00030	.00991
%RSD	82.275	290.46	3.3231	106.01	8.8097	18.329	5.9126

#1	.00004	-.00004	.67845	-.00005	.00028	.00142	.16061
#2	.00001	.00012	.71110	-.00037	.00025	.00185	.17462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00620	.13042	.00026	.00080	3.3608	.00052	.00543
Stddev	.00001	.00781	.00005	.00038	.0368	.00048	.00010
%RSD	.08949	5.9899	19.190	48.033	1.0957	92.812	1.8759

#1	.00621	.13594	.00023	.00107	3.3348	.00085	.00536
#2	.00620	.12490	.00030	.00053	3.3869	.00018	.00550

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19379	.00001	.00555	.20268	.31172	.00129	.00699
Stddev	.02197	.00011	.00839	.00111	.00060	.00148	.00067
%RSD	11.336	798.73	151.03	.54829	.19189	114.84	9.6490

#1	.20932	-.00007	-.00038	.20190	.31130	.00024	.00651
#2	.17825	.00009	.01148	.20347	.31215	.00233	.00747

Sample Name: J4474-02LX5 Acquired: 8/15/2018 16:09:08 Type: Unk
Method: P4-ICP2(v2356) 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	.00088	.0060	.00335	2.7590	F<00000
Stddev	.00091	.0012	.00012	.2087	4.2620
%RSD	103.82	20.55	3.5305	7.5638	163.23

#1	.00023	.0068	.00327	2.6114	.40272
#2	.00152	.0051	.00344	2.9065	-5.6246

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2148.4	55192.	5152.7	92.214	2670.8
Stddev	4.8	20.	58.3	2.031	6.3
%RSD	.22340	.03588	1.1308	2.2028	.23406

#1	2151.8	55178.	5193.9	93.650	2675.2
#2	2145.0	55206.	5111.5	90.777	2666.4

Sample Name: PB112065BS Acquired: 8/15/2018 16:13:14 Type: Unk
Method: P4-ICP2(v2356) 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	.77084	1.8044	.91758	1.9381	.77709	1.9018	.21001
Stddev	.00706	.0065	.00423	.0061	.00760	.0286	.00402
%RSD	.91525	.36260	.46121	.31645	.97786	1.5027	1.9121
#1	.76585	1.8090	.92058	1.9425	.78246	1.8815	.20717
#2	.77583	1.7997	.91459	1.9338	.77172	1.9220	.21285
Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17851	.17819	.97600	.37769	.18974	.31931	2.9323
Stddev	.00058	.00038	.04993	.00072	.00059	.00000	.1098
%RSD	.32476	.21256	5.1162	.19165	.31131	.00089	3.7444
#1	.17810	.17845	.94070	.37717	.19016	.31931	2.8546
#2	.17892	.17792	1.0113	.37820	.18933	.31932	3.0099
Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20226	2.0158	.47894	.06628	2.9296	.30119	.18854
Stddev	.00039	.0737	.00149	.00050	.0798	.00017	.00481
%RSD	.19443	3.6538	.31131	.75271	2.7246	.05544	2.5496
#1	.20198	1.9638	.48000	.06663	2.8731	.30131	.18514
#2	.20253	2.0679	.47789	.06593	2.9860	.30107	.19194
Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.136	.43283	.31203	F .00492	.90730	.64206	.20397
Stddev	.225	.00075	.00815	.00501	.01436	.00024	.00221
%RSD	2.2217	.17301	2.6123	101.94	1.5832	.03708	1.0852
#1	9.9766	.43336	.30627	-.00846	.89714	.64222	.20241
#2	10.295	.43230	.31779	-.00137	.91746	.64189	.20554

Sample Name: PB112065BS Acquired: 8/15/2018 16:13:14 Type: Unk
Method: P4-ICP2(v2356) 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	.20208	F 4.759	.20170	F 3.2800	F<00000
Stddev	.00367	.021	.00506	.0019	2.2276
%RSD	1.8171	.4339	2.5099	.05814	33.628

#1	.19948	4.773	.19812	3.2787	-8.1995
#2	.20467	4.744	.20528	3.2814	-5.0492

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2053.4	52953.	4946.9	92.022	2544.4
Stddev	8.8	186.	41.9	2.093	11.4
%RSD	.43029	.35048	.84777	2.2749	.44825

#1	2047.1	52822.	4976.6	93.502	2536.3
#2	2059.6	53084.	4917.3	90.541	2552.4

Sample Name: CCV04 Acquired: 8/15/2018 16:17:08 Type: Unk
Method: P4-ICP2(v2356) 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	5.1236	4.8578	4.9865	5.2299	5.1323	3.6808	10.109	.24116
Stddev	.0165	.0036	.0067	.0030	.0139	.0445	.034	.00085
%RSD	.32286	.07418	.13495	.05699	.27105	.45974	.33455	.35114

#1	5.1353	4.8603	4.9913	5.2278	5.1422	9.6493	10.133	.24056
#2	5.1119	4.8552	4.9817	5.2320	5.1225	9.7123	10.085	.24176

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4345	24.222	.92055	2.4758	1.3098	5.0379	2.4227	24.927
Stddev	.0055	.276	.00134	.0066	.0040	.2714	.0018	.308
%RSD	.22575	1.1410	.14536	.26862	.30736	5.3876	.07356	1.2362

#1	2.4384	24.027	.92150	2.4805	1.3127	4.8460	2.4214	24.709
#2	2.4307	24.417	.91961	2.4711	1.3070	5.2298	2.4239	25.145

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5064	1.1996	24.035	2.4358	2.4509	25.238	5.1895	5.1170
Stddev	.0062	.0045	.250	.0031	.0950	.199	.0164	.0548
%RSD	.24824	.37115	1.0397	.12548	3.8779	.78702	.31540	1.0700

#1	2.5108	1.2027	23.858	2.4380	2.3837	25.097	5.2011	5.0783
#2	2.5020	1.1964	24.211	2.4337	2.5181	25.378	5.1780	5.1557

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9764	4.8879	4.9635	5.0105	4.9932	4.738	4.9345	4.9013
Stddev	.0050	.0179	.0045	.0419	.0441	.005	.0940	.1372
%RSD	.10135	.36524	.09022	.83614	.88404	.1016	1.9060	2.7999

#1	4.9729	4.8752	4.9603	4.9809	4.9620	4.735	4.8680	4.9984
#2	4.9800	4.9005	4.9666	5.0402	5.0244	4.741	5.0010	4.8043

Sample Name: CCV04 Acquired: 8/15/2018 16:17:08 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	3.5992
Stddev	2.7534
%RSD	41.723

#1	4.6523
#2	8.5461

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2064.9	52308.	5080.2	39.612	2352.2
Stddev	14.7	222.	4.3	3.112	13.3
%RSD	.71260	.42365	.08407	3.4732	.56548

#1	2054.5	52151.	5077.2	91.812	2342.8
#2	2075.3	52465.	5083.2	87.411	2361.6

Sample Name: CCB04 Acquired: 8/15/2018 16:21:02 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00116	.00057	.00108	.00306	.00178	.01447	.00152
Stddev	.00246	.00028	.00034	.00058	.00024	.00266	.00021
%RSD	211.37	48.806	31.322	18.903	13.736	18.376	13.705

#1	.00290	-.00037	.00131	.00265	-.00195	.01259	-.00137
#2	-.00058	-.00077	.00084	.00347	-.00161	.01635	-.00166

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00007	.02351	.00023	.00005	.00083	.00248
Stddev	.00006	.00004	.00483	.00040	.00007	.00001	.00563
%RSD	89.881	47.624	20.565	172.78	123.80	1.7115	227.06

#1	.00010	.00010	-.02693	-.00005	-.00001	.00082	.00150
#2	.00002	.00005	-.02009	.00051	-.00010	.00084	-.00646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.01775	.00024	.00074	.01543	.00046	.00016
Stddev	.00001	.02774	.00058	.00046	.00259	.00044	.00005
%RSD	45.776	156.30	242.56	62.212	16.795	96.366	31.554

#1	-.00004	.03736	.00065	.00107	-.01727	-.00077	-.00020
#2	-.00002	-.00187	-.00017	.00042	-.01360	-.00015	-.00012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00505	.00007	.00425	.00151	.00876	.00082	.00019
Stddev	.00553	.00004	.00619	.00120	.00038	.00140	.00032
%RSD	109.38	58.376	145.76	79.927	4.3852	170.64	170.32

#1	-.00896	-.00004	.00863	-.00065	.00849	.00180	-.00004
#2	-.00114	-.00009	-.00013	-.00236	.00903	-.00017	.00042

Sample Name: CCB04 Acquired: 8/15/2018 16:21:02 Type: Unk
 Method: P4-ICP2(v2356) 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	.00186	-.0014	.00028	F 2.8392	F<00000
Stddev	.00051	.0005	.00020	.3098	2.6963
%RSD	27.286	35.36	72.305	10.911	510.75

#1	.00150	-.0011	.00042	2.6201	1.3787
#2	.00222	-.0018	.00014	3.0582	-2.4345

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2190.6	55911.	5194.7	93.998	2728.7
Stddev	6.5	14.	36.6	.241	3.3
%RSD	.29521	.02435	.70424	.25645	.12261

#1	2186.0	55921.	5220.6	94.168	2726.4
#2	2195.1	55902.	5168.8	93.827	2731.1

Sample Name: J4474-02MS Acquired: 8/15/2018 16:25:07 Type: Unk
Method: P4-ICP2(v2356) 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	.76685	1.8073	.91566	1.9401	.76272	2.4080	.27307
Stddev	.01198	.0400	.01751	.0323	.01254	.0101	.00014
%RSD	1.5622	2.2111	1.9120	1.6621	1.6446	.41775	.05166

#1	.75838	1.7791	.90328	1.9173	.75385	2.4009	.27297
#2	.77532	1.8356	.92804	1.9629	.77159	2.4151	.27317

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17356	.17859	4.4923	.35771	.18882	.31811	3.7257
Stddev	.00100	.00348	.0530	.00064	.00400	.00599	.0785
%RSD	.57570	1.9501	1.1798	.17782	2.1173	1.8845	2.1078

#1	.17285	.17613	4.4549	.35726	.18599	.31387	3.6702
#2	.17427	.18105	4.5298	.35816	.19164	.32235	3.7813

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.22094	2.5001	.47737	.06418	19.639	.28724	.21663
Stddev	.00052	.0725	.00903	.00003	.230	.00012	.00652
%RSD	.23540	2.8998	1.8915	.04598	1.1730	.04047	3.0080

#1	.22057	2.4488	.47099	.06416	19.476	.28732	.21202
#2	.22130	2.5513	.48376	.06420	19.802	.28716	.22123

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.672	.42194	.32272	1.0200	2.3122	.64460	.22204
Stddev	.078	.00632	.00249	.0025	.0213	.01264	.00191
%RSD	.73286	1.4986	.77250	.24213	.92242	1.9605	.85900

#1	10.617	.41747	.32096	1.0183	2.2972	.63566	.22069
#2	10.727	.42641	.32448	1.0218	2.3273	.65353	.22339

Sample Name: J4474-02MS Acquired: 8/15/2018 16:25:07 Type: Unk
 Method: P4-ICP2(v2356) 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	.19520	4.882	.20731	3.2437	F<00000
Stddev	.00138	.088	.00045	.1495	4.0939
%RSD	.70635	1.810	.21676	4.6090	55.012
#1	.19423	4.820	.20700	3.3494	-10.337
#2	.19618	4.945	.20763	3.1380	-4.5469
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2084.6	53648.	5058.6	90.685	2542.2
Stddev	6.2	175.	2.5	1.531	8.0
%RSD	.29507	.32545	.04968	1.6885	.31595
#1	2088.9	53524.	5056.8	91.767	2547.9
#2	2080.2	53771.	5060.3	89.602	2536.5

Sample Name: J4474-02MSD Acquired: 8/15/2018 16:37:46 Type: Unk
Method: P4-ICP2(v2356) 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	.80348	1.8688	.95381	2.0087	.79383	2.5415	.29185	.18729	.18492
Stddev	.00115	.0014	.00289	.0001	.00311	.0060	.00217	.00052	.00002
%RSD	.14258	.07433	.30259	.00397	.39118	.23490	.74424	.27898	.01209

#1	.80429	1.8678	.95177	2.0086	.79603	2.5372	.29031	.18766	.18490
#2	.80267	1.8698	.95585	2.0087	.79164	2.5457	.29338	.18692	.18493

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6123	.38687	.19611	.33006	3.9603	.23424	2.7735	.49660	.06945
Stddev	.0496	.00218	.00032	.00197	.0025	.00028	.0127	.00142	.00051
%RSD	1.0750	.56313	.16502	.59690	.06256	.11743	.45759	.28670	.72953

#1	4.5772	.38533	.19588	.32866	3.9621	.23405	2.7646	.49760	.06980
#2	4.6473	.38841	.19634	.33145	3.9586	.23444	2.7825	.49559	.06909

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	20.137	.31001	.22476	11.483	.43989	.34807	1.0227	2.4117	.66769
Stddev	.242	.00155	.00163	.088	.00104	.00182	.0044	.0050	.00054
%RSD	1.2040	.49991	.72430	.76262	.23720	.52384	.42832	.20846	.08076

#1	19.965	.30891	.22361	11.421	.44063	.34678	1.0258	2.4082	.66807
#2	20.308	.31110	.22591	11.545	.43915	.34936	1.0196	2.4153	.66731

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23819	.20866	5.056	22456	2.9233	2.9517
Stddev	.00220	.00051	.015	.00149	.2359	5.6280
%RSD	.92239	.24268	.2875	.66317	8.0681	190.67

#1	.23663	.20830	5.046	.22351	2.7566	6.9313
#2	.23974	.20902	5.067	.22561	3.0901	-1.0278

Sample Name: J4474-02MSD Acquired: 8/15/2018 16:37:46 Type: Unk
Method: P4-ICP2(v2356) 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	2064.9	53482.	5018.6	90.152	2524.8
Stddev	13.8	33.	15.0	.051	15.2
%RSD	.66764	.06245	.29951	.05662	.60059
#1	2055.2	53458.	5029.3	90.189	2514.1
#2	2074.7	53506.	5008.0	90.116	2535.5

Sample Name: J4474-02A Acquired: 8/15/2018 16:41:38 Type: Unk
Method: P4-ICP2(v2356) 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	.79623	1.8602	.94863	1.9947	.78537	2.4680	.28562
Stddev	.00358	.0004	.00176	.0011	.00062	.0311	.00430
%RSD	.44915	.01910	.18528	.05724	.07861	1.2600	1.5071

#1	.79876	1.8605	.94988	1.9939	.78493	2.4460	.28258
#2	.79370	1.8600	.94739	1.9955	.78580	2.4900	.28867

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18414	.18395	4.5128	.38213	.19528	.32817	3.9021
Stddev	.00025	.00042	.0929	.00286	.00049	.00091	.0880
%RSD	.13386	.23039	2.0587	.74880	.25296	.27646	2.2562

#1	.18396	.18425	4.4471	.38010	.19563	.32881	3.8399
#2	.18431	.18365	4.5785	.38415	.19493	.32753	3.9644

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23071	2.6353	.49491	.06892	19.847	.30941	.22102
Stddev	.00060	.0743	.00061	.00048	.261	.00012	.00088
%RSD	.26134	2.8183	.12391	.70314	1.3128	.03923	.39674

#1	.23028	2.5828	.49447	.06926	19.663	.30950	.22040
#2	.23113	2.6879	.49534	.06857	20.031	.30933	.22164

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.246	.43776	.33907	1.0171	2.4134	.66461	.22964
Stddev	.200	.00010	.01615	.0012	.0006	.00042	.00640
%RSD	1.7746	.02369	4.7636	.12183	.02615	.06359	2.7880

#1	11.105	.43783	.32764	1.0180	2.4139	.66490	.22511
#2	11.387	.43769	.35049	1.0162	2.4130	.66431	.23417

Sample Name: J4474-02A Acquired: 8/15/2018 16:41:38 Type: Unk
 Method: P4-ICP2(v2356) 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	.20381	5.041	.22009	2.7300	F<00000
Stddev	.00168	.014	.00282	.1425	6.4992
%RSD	.82485	.2838	1.2824	5.2194	208.49

#1	.20262	5.051	.21809	2.6293	-7.7129
#2	.20500	5.030	.22208	2.8308	1.4783

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2082.1	54355.	5084.2	91.587	2543.2
Stddev	13.9	176.	24.0	.156	19.3
%RSD	.66794	.32424	.47180	.17033	.75892

#1	2072.3	54230.	5067.2	91.477	2529.5
#2	2091.9	54479.	5101.2	91.697	2556.8

Sample Name: J4471-04 Acquired: 8/15/2018 16:49:40 Type: Unk
Method: P4-ICP2(v2356) 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	.00117	.00290	.00060	.00737	.00107	.04856	.12938	.00003
Stddev	.00144	.00078	.00037	.00680	.00021	.00418	.00159	.00006
%RSD	122.86	26.939	62.341	92.262	19.300	8.6047	1.2304	167.34

#1	-.00015	-.00235	.00033	.01218	-.00122	.05152	.12825	-.00001
#2	-.00219	-.00345	.00086	.00256	-.00093	.04561	.13050	.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00024	4.9493	.00072	.00293	.00398	.02072	1.5356	1.5275
Stddev	.00004	.0790	.00010	.00003	.00015	.00349	.0058	.0109
%RSD	18.090	1.5952	14.164	1.0521	3.6491	16.845	.37918	.71260

#1	.00021	4.8934	-.00065	.00295	.00408	.01825	1.5315	1.5352
#2	.00027	5.0051	-.00080	.00291	.00387	.02319	1.5398	1.5198

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00064	.00089	251.70	.00024	.01757	.63637	.00039	.00848
Stddev	.00012	.00085	7.44	.00069	.00035	.00215	.00001	.00438
%RSD	18.725	96.291	2.9539	286.39	2.0113	.33840	2.0375	51.628

#1	.00072	.00149	246.44	.00025	.01732	.63485	-.00040	.01158
#2	.00055	.00028	256.95	-.00073	.01782	.63790	-.00039	.00539

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26288	.35922	.00190	.00096	.00258	.0052	.02571	4.2296
Stddev	.00538	.00287	.00029	.00180	.00106	.0026	.00044	.4200
%RSD	2.0457	.79844	15.402	186.92	40.945	48.71	1.6989	9.9306

#1	.25908	.35719	.00211	.00224	.00183	.0034	.02540	3.9326
#2	.26668	.36125	.00169	-.00031	.00333	.0070	.02602	4.5266

Sample Name: J4471-04 Acquired: 8/15/2018 16:49:40 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	12.071
Stddev	2.852
%RSD	23.624

#1	14.088
#2	10.055

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.4	51508.	5181.9	90.443	2327.7
Stddev	7.1	31.	9.9	.685	4.7
%RSD	.35449	.06042	.19042	.75695	.20369

#1	2006.3	51530.	5174.9	90.927	2324.3
#2	2016.4	51486.	5188.9	89.959	2331.0

Sample Name: J4471-04DUP Acquired: 8/15/2018 16:53:51 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00197	.00283	.00051	.00281	.00301	.04302	.13120	.00010
Stddev	.00201	.00072	.00165	.00088	.00219	.01323	.00090	.00006
%RSD	102.18	25.347	321.38	31.306	72.722	30.759	.68347	57.200

#1	-.00339	-.00333	.00168	.00219	-.00456	.03366	.13057	-.00014
#2	-.00055	-.00232	-.00065	.00343	-.00146	.05237	.13183	-.00006

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	5.0108	.00082	.00307	.00346	.01548	1.5381	1.5059
Stddev	.00004	.0867	.00022	.00009	.00042	.00050	.0066	.0342
%RSD	31.033	1.7303	27.446	2.9118	12.090	3.2067	.42842	2.2735

#1	.00010	4.9495	-.00097	.00314	.00376	.01583	1.5428	1.4817
#2	.00016	5.0721	-.00066	.00301	.00316	.01513	1.5334	1.5301

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00073	.00059	256.07	.00019	.01751	.68852	.00010	.01026
Stddev	.00016	.00013	7.49	.00040	.00033	.03248	.00013	.00063
%RSD	21.515	21.199	2.9257	212.61	1.8876	4.7176	135.08	6.1282

#1	.00062	.00050	250.77	.00009	.01727	.66555	.00000	.01070
#2	.00085	.00068	261.36	-.00047	.01774	.71149	-.00020	.00981

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.26470	.36620	.00212	.00041	.00433	.0037	.02585	4.6477
Stddev	.00047	.00293	.00015	.00096	.00073	.0001	.00027	.8097
%RSD	.17779	.80123	6.9306	232.62	16.777	4.007	1.0451	17.421

#1	.26503	.36413	.00222	.00109	.00485	.0038	.02566	5.2202
#2	.26437	.36828	.00201	-.00026	.00382	.0036	.02604	4.0751

Sample Name: J4471-04DUP Acquired: 8/15/2018 16:53:51 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 11.799
Stddev 5.028
%RSD 42.610

#1 8.2440
#2 15.354

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.2	51433.	5119.6	90.775	2318.1
Stddev	2.1	316.	25.8	1.443	3.2
%RSD	.10501	.61483	.50432	1.5898	.13767

#1	1994.8	51209.	5137.9	91.795	2320.3
#2	1997.7	51657.	5101.3	89.755	2315.8

Sample Name: J4471-04LX5 Acquired: 8/15/2018 16:58:02 Type: Unk
Method: P4-ICP2(v2356) 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	.00050	.00178	.00095	.00078	.00016	.01781	.02327	.00002
Stddev	.00059	.00052	.00012	.00237	.00163	.00124	.00048	.00003
%RSD	118.39	29.309	13.015	302.68	1032.1	6.9791	2.0489	121.64

#1	-.00008	-.00141	.00104	-.00089	.00131	.01869	.02293	.00004
#2	-.00092	-.00215	.00087	.00246	-.00099	.01693	.02360	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	1.0039	.00006	.00059	.00075	.01042	.31535	.31058
Stddev	.00000	.0153	.00127	.00022	.00022	.00156	.00050	.05312
%RSD	4.5306	1.5239	2311.2	37.245	29.701	14.953	.15742	17.103

#1	.00008	.99309	.00085	.00044	.00091	.01153	.31500	.34814
#2	.00007	1.0147	-.00096	.00075	.00059	.00932	.31570	.27302

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.00092	51.446	.00059	.00333	.15727	.00026	.00370
Stddev	.00007	.00081	.546	.00002	.00000	.00972	.00035	.00194
%RSD	44.101	88.215	1.0619	3.4851	.11987	6.1824	132.84	52.334

#1	.00021	.00149	51.059	-.00058	.00332	.16415	-.00002	-.00233
#2	.00011	.00035	51.832	-.00060	.00333	.15040	-.00051	-.00507

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04956	.08093	.00128	.00072	.00405	.00008	.00517	3.4616
Stddev	.00229	.00023	.00166	.00067	.00072	.0023	.00010	.5238
%RSD	4.6105	.28145	129.69	93.024	17.687	276.2	1.8549	15.132

#1	.05118	.08109	.00245	.00025	.00455	.00008	.00511	3.8319
#2	.04795	.08077	.00011	.00119	.00354	-.0024	.00524	3.0912

Sample Name: J4471-04LX5 Acquired: 8/15/2018 16:58:02 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 13.162
Stddev 1.310
%RSD 9.9549

#1 14.088
#2 12.235

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2113.4	54551.	5271.3	94.112	2535.7
Stddev	10.3	37.	7.9	.312	5.7
%RSD	.48621	.06816	.14982	.33198	.22310

#1	2106.1	54578.	5276.9	93.891	2531.7
#2	2120.6	54525.	5265.7	94.333	2539.7

Sample Name: J4471-04MS Acquired: 8/15/2018 17:02:09 Type: Unk
Method: P4-ICP2(v2356) 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	.91805	2.0375	1.0632	2.3473	.88778	2.3192	.36774	.21407	.21550
Stddev	.00004	.0086	.0026	.0018	.00197	.0326	.00343	.00032	.00044
%RSD	.00382	.42104	.24581	.07687	.22220	1.4040	.93175	.14941	.20562
#1	.91803	2.0436	1.0614	2.3486	.88639	2.2961	.36531	.21430	.21518
#2	.91808	2.0314	1.0651	2.3461	.88918	2.3422	.37016	.21384	.21581
Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0786	.42918	.22513	.34946	3.7870	1.7207	3.7326	.56607	.07790
Stddev	.0750	.00150	.00047	.00026	.0161	.0005	.0406	.00303	.00034
%RSD	1.2329	.34933	.20849	.07549	.42476	.03140	1.0863	.53570	.43975
#1	6.0256	.43024	.22480	.34927	3.7984	1.7204	3.7039	.56392	.07815
#2	6.1316	.42812	.22546	.34964	3.7756	1.7211	3.7612	.56821	.07766
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	252.64	.33716	.23017	12.791	.47954	.35422	.25645	1.2991	.76800
Stddev	2.82	.00029	.00413	.117	.00111	.00562	.00210	.0078	.00154
%RSD	1.1148	.08656	1.7945	.91106	.23134	1.5856	.81728	.60103	.20082
#1	250.65	.33736	.23309	12.709	.47875	.35025	.25497	1.3046	.76691
#2	254.63	.33695	.22725	12.874	.48032	.35819	.25793	1.2936	.76909
Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859			
Units	ppm	ppm	ppm	ppm	ppm	ppm			
Avg	.23313	.24022	3.167	25169	3.5286	18.481			
Stddev	.00047	.00561	.021	.00036	.0156	1.308			
%RSD	.20291	2.3346	.3402	.14454	.44060	7.0748			
#1	.23279	.23626	6.152	.25144	3.5396	19.406			
#2	.23346	.24419	6.182	.25195	3.5176	17.557			

Sample Name: J4471-04MS Acquired: 8/15/2018 17:02:09 Type: Unk
Method: P4-ICP2(v2356) 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	2021.0	51624.	5129.2	92.301	2316.3
Stddev	1.1	13.	19.9	1.892	2.5
%RSD	.05411	.02499	.38886	2.0497	.10889
#1	2020.2	51615.	5115.1	90.964	2314.5
#2	2021.7	51633.	5143.3	93.639	2318.1

Sample Name: J4471-04MSD Acquired: 8/15/2018 17:06:10 Type: Unk
Method: P4-ICP2(v2356) 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	.91587	2.0418	1.0655	2.3469	.88864	2.3014	.36254	.21356	.21541
Stddev	.00234	.0016	.0014	.0055	.00336	.0544	.00136	.00087	.00040
%RSD	.25534	.07749	.13173	.23301	.37779	2.3623	.37604	.40548	.18493

#1	.91422	2.0429	1.0645	2.3431	.88626	2.2630	.36158	.21295	.21513
#2	.91752	2.0406	1.0665	2.3508	.89101	2.3399	.36351	.21417	.21569

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.0721	.43145	.22539	.35008	3.8035	1.7241	3.7370	.56790	.07866
Stddev	.1189	.00071	.00089	.00100	.0040	.0074	.0671	.00016	.00057
%RSD	1.9575	.16439	.39538	.28647	.10425	.42865	1.7956	.02882	.72253

#1	5.9880	.43195	.22602	.34937	3.8063	1.7189	3.6895	.56778	.07826
#2	6.1561	.43095	.22476	.35078	3.8007	1.7293	3.7844	.56801	.07907

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	248.87	.34076	.23392	12.726	.47978	.35057	.25366	1.2954	.77018
Stddev	4.69	.00258	.00663	.231	.00104	.00239	.00779	.0080	.00236
%RSD	1.8864	.75716	2.8333	1.8125	.21578	.68254	3.0692	.61609	.30607

#1	245.55	.33893	.23860	12.563	.47904	.34887	.24816	1.3011	.76851
#2	252.19	.34258	.22923	12.889	.48051	.35226	.25917	1.2898	.77185

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23204	.23893	3.187	24882	2.9886	15.792
Stddev	.00314	.00386	.013	.00246	.1877	4.398
%RSD	1.3521	1.6172	.2082	.98820	6.2787	27.850

#1	.22982	.23620	6.177	.24708	2.8559	18.902
#2	.23426	.24166	6.196	.25056	3.1213	12.682

Sample Name: J4471-04MSD Acquired: 8/15/2018 17:06:10 Type: Unk
Method: P4-ICP2(v2356) 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	2024.3	51588.	5139.0	91.020	2318.4
Stddev	9.8	82.	58.0	2.923	11.8
%RSD	.48589	.15799	1.1295	3.2112	.50915
#1	2017.4	51646.	5098.0	88.953	2310.0
#2	2031.3	51530.	5180.1	93.087	2326.7

Sample Name: J4471-04A Acquired: 8/15/2018 17:10:11 Type: Unk
Method: P4-ICP2(v2356) 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	.92453	2.0553	1.0732	2.3612	.89722	2.3207	.36750	.21537	.21699
Stddev	.00910	.0028	.0016	.0027	.00140	.0131	.00367	.00062	.00085
%RSD	.98425	.13459	.14628	.11548	.15582	.56581	.99793	.28618	.39211

#1	.93096	2.0534	1.0721	2.3632	.89623	2.3114	.36491	.21493	.21639
#2	.91809	2.0573	1.0743	2.3593	.89821	2.3300	.37009	.21580	.21759

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1293	.43504	.22737	.35397	3.8190	1.7377	3.7480	.57005	.07862
Stddev	.0872	.00247	.00000	.00026	.0500	.0018	.0550	.00068	.00070
%RSD	1.4223	.56827	.00015	.07290	1.3104	.10543	1.4665	.11886	.88998

#1	6.0676	.43329	.22737	.35416	3.7837	1.7390	3.7091	.56957	.07911
#2	6.1909	.43679	.22737	.35379	3.8544	1.7364	3.7869	.57053	.07812

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	255.17	.34324	.23224	12.860	.48579	.35165	.25651	1.2993	.77359
Stddev	6.58	.00365	.00232	.161	.00087	.00539	.00167	.0031	.00141
%RSD	2.5806	1.0627	.99903	1.2499	.17965	1.5314	.64945	.23791	.18229

#1	250.51	.34582	.23060	12.747	.48641	.35546	.25533	1.2971	.77260
#2	259.83	.34066	.23388	12.974	.48518	.34784	.25769	1.3015	.77459

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23270	.24375	3.225	.25273	3.5593	34.149
Stddev	.00183	.00280	.002	.00385	.1335	.976
%RSD	.78578	1.1507	.0306	1.5243	3.7505	2.8577

#1	.23399	.24176	6.224	.25001	3.4649	33.459
#2	.23140	.24573	6.226	.25545	3.6537	34.839

Sample Name: J4471-04A Acquired: 8/15/2018 17:10:11 Type: Unk
Method: P4-ICP2(v2356) 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	2005.3	51428.	5131.0	91.879	2302.7
Stddev	6.9	226.	43.0	.300	3.6
%RSD	.34334	.44016	.83778	.32636	.15759
#1	2000.4	51268.	5161.4	92.091	2300.2
#2	2010.2	51588.	5100.6	91.667	2305.3

Sample Name: J4388-01 Acquired: 8/15/2018 17:14:11 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09001	.00647	.12109	.01049	.00008	43.191	.25115
Stddev	.00550	.00050	.00090	.00167	.00060	.341	.00466
%RSD	6.1150	7.6693	.74640	15.915	727.84	.78966	1.8565

#1	.08612	-.00682	.12173	.01167	-.00034	42.950	.24785
#2	.09391	-.00611	.12045	.00931	.00051	43.432	.25445

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00301	.00770	314.96	.10321	.05457	.27469	195.68
Stddev	.00004	.00032	4.90	.00053	.00040	.00175	3.79
%RSD	1.2824	4.1695	1.5573	.51218	.74084	.63579	1.9343

#1	.00299	.00793	311.50	.10359	.05485	.27593	193.01
#2	.00304	.00747	318.43	.10284	.05428	.27346	198.36

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.4457	119.48	.23970	.00050	1.0752	.12520	.71203
Stddev	.0048	1.63	.00133	.00023	.0038	.00010	.00435
%RSD	.10793	1.3672	.55655	45.547	.35358	.08203	.61067

#1	4.4491	118.32	.23876	.00034	1.0726	.12513	.70896
#2	4.4423	120.63	.24064	.00067	1.0779	.12527	.71510

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.5631	.00855	.06515	12.734	5.4750	.05742	1.0219
Stddev	.0291	.00030	.00532	.039	.0302	.00320	.0078
%RSD	.63857	3.5082	8.1670	.30862	.55150	5.5697	.76241

#1	4.5425	.00834	.06139	12.707	5.4536	.05516	1.0164
#2	4.5837	.00877	.06892	12.762	5.4963	.05968	1.0274

Sample Name: J4388-01 Acquired: 8/15/2018 17:14:11 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: S-1A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.09585	4.462	.37694	F<00000	F.222.30
Stddev	.00038	.001	.00525	1.1804	1.40
%RSD	.40164	.0263	1.3927	3.2278	.62882
#1	.09612	4.461	.37323	-35.734	223.29
#2	.09557	4.462	.38066	-37.403	221.31
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2123.7	55136.	5670.0	38.706	2161.2
Stddev	4.5	65.	12.4	.580	.1
%RSD	.21063	.11876	.21912	.65437	.00690
#1	2120.5	55090.	5678.8	89.116	2161.3
#2	2126.9	55183.	5661.2	88.295	2161.1

Sample Name: CCV05 Acquired: 8/15/2018 17:26:09 Type: Unk
Method: P4-ICP2(v2356) 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	5.2085	4.9154	5.0400	5.3310	5.2089	9.8020	10.486	24185	2.4568
Stddev	.0049	.0021	.0143	.0053	.0079	.0133	.148	.00066	.0083
%RSD	.09394	.04261	.28437	.09939	.15170	.13553	1.4122	.27277	.33607

#1	5.2051	4.9139	5.0299	5.3273	5.2033	9.7926	10.591	24139	2.4510
#2	5.2120	4.9169	5.0502	5.3347	5.2145	9.8113	10.381	24232	2.4626

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.601	92115	2.4974	1.3236	5.2089	2.4254	25.283	2.5304	1.2117
Stddev	.275	.00162	.0060	.0019	.0647	.0006	.079	.0083	.0036
%RSD	1.1167	.17596	.23985	.14124	1.2426	.02534	.31054	.32955	.29533

#1	24.795	92229	2.4931	1.3223	5.2546	2.4250	25.338	2.5245	1.2092
#2	24.407	92000	2.5016	1.3249	5.1631	2.4258	25.227	2.5363	1.2142

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	24.614	2.4497	2.5120	25.851	5.2418	5.2240	5.0414	4.9967	5.0033
Stddev	.325	.0016	.0509	.276	.0115	.0324	.0014	.0597	.0174
%RSD	1.3208	.06373	2.0265	1.0661	.21942	.61939	.02688	1.1946	.34826

#1	24.844	2.4486	2.5480	26.046	5.2337	5.2469	5.0404	5.0389	4.9910
#2	24.384	2.4508	2.4760	25.656	5.2499	5.2012	5.0423	4.9545	5.0156

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1262	5.1285	4.801	5.0729	4.7653	4.5435
Stddev	.0650	.0681	.032	.0053	.3801	.5719
%RSD	1.2690	1.3271	.6680	.10486	7.9773	12.588

#1	5.1722	5.1766	4.779	5.0692	4.4965	4.9479
#2	5.0802	5.0804	4.824	5.0767	5.0341	4.1391

Sample Name: CCV05 Acquired: 8/15/2018 17:26:09 Type: Unk
Method: P4-ICP2(v2356) 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	2089.3	53481.	5143.7	39.321	2379.6
Stddev	1.0	253.	94.1	2.021	.9
%RSD	.04692	.47339	1.8297	2.2629	.03795
#1	2088.6	53302.	5077.1	87.892	2379.0
#2	2090.0	53660.	5210.2	90.751	2380.3

Sample Name: CCB05 Acquired: 8/15/2018 17:30:02 Type: Unk
Method: P4-ICP2(v2356) 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	.00066	.00080	.00104	.00542	.00021	.00833	-.00243
Stddev	.00095	.00082	.00089	.00045	.00317	.00324	.00004
%RSD	143.76	101.66	85.516	8.2307	1497.9	38.950	1.7189

#1	.00134	.00138	.00167	.00574	.00246	.01062	-.00246
#2	-.00001	.00023	.00041	.00511	-.00203	.00603	-.00240

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00013	-.00468	.00033	-.00013	-.00020	.00932
Stddev	.00000	.00008	.00789	.00037	.00033	.00031	.01053
%RSD	3.2895	61.992	168.67	112.54	260.82	158.24	113.03

#1	-.00003	.00007	-.01025	.00007	-.00036	.00002	.01677
#2	-.00004	.00018	.00090	.00059	.00011	-.00042	.00187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00821	.00082	.00022	.00233	.00000	-.00022
Stddev	.00001	.00425	.00052	.00044	.00851	.00031	.00008
%RSD	134.15	51.764	63.142	200.76	365.05	10280.	38.648

#1	.00000	.01122	.00118	.00053	-.00369	.00022	-.00028
#2	-.00002	.00520	.00045	-.00009	.00835	-.00021	-.00016

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01489	.00007	.00691	.00074	.00444	.00110	.00077
Stddev	.03768	.00036	.00246	.00389	.00184	.00007	.00213
%RSD	253.03	538.53	35.614	522.39	41.392	6.3121	278.41

#1	-.01175	.00032	.00517	-.00200	.00314	.00105	.00227
#2	.04153	-.00019	.00865	.00349	.00575	.00115	-.00074

Sample Name: CCB05 Acquired: 8/15/2018 17:30:02 Type: Unk
Method: P4-ICP2(v2356) 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	.00153	.0017	.00019	F 2.7261	F<00000
Stddev	.00081	.0015	.00001	.3053	10.928
%RSD	53.072	92.12	6.5721	11.201	389.22
#1	.00096	.0027	.00020	2.9420	-10.535
#2	.00210	.0006	.00018	2.5102	4.9195
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2190.7	56722.	5250.4	93.480	2744.7
Stddev	7.6	13.	6.3	3.462	3.5
%RSD	.34595	.02360	.11968	3.7031	.12769
#1	2185.4	56712.	5245.9	91.032	2742.2
#2	2196.1	56731.	5254.8	95.927	2747.2

Sample Name: J4388-02 Acquired: 8/15/2018 17:34:08 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-1B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10814	.00363	.14954	.00877	.00008	45.071	.27034
Stddev	.00212	.00173	.00093	.00327	.00083	.349	.00028
%RSD	1.9568	47.520	.62331	37.335	986.02	.77536	.10224

#1	.10963	-.00241	.15020	.00646	.00050	44.824	.27014
#2	.10664	-.00485	.14888	.01109	-.00067	45.318	.27053

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00329	.00851	410.82	.17113	.06059	.22972	191.17
Stddev	.00024	.00091	1.97	.00183	.00053	.00454	7.72
%RSD	7.4359	10.721	.47961	1.0714	.87337	1.9741	4.0363

#1	.00346	.00786	409.43	.17242	.06096	.22652	196.62
#2	.00311	.00915	412.22	.16983	.06022	.23293	185.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6822	166.65	.25564	.00034	1.1934	.17607	.83016
Stddev	.0112	.96	.00077	.00103	.0056	.00161	.04247
%RSD	.23983	.57599	.30174	299.10	.46736	.91199	5.1162

#1	4.6743	165.97	.25619	.00107	1.1894	.17720	.86019
#2	4.6902	167.33	.25510	-.00038	1.1973	.17493	.80012

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.6234	.00593	.07069	15.237	4.2885	.01436	.97913
Stddev	.0215	.00029	.02029	.019	.0630	.00172	.00349
%RSD	.32413	4.9641	28.702	.12282	1.4700	11.952	.35683

#1	6.6386	.00572	.08504	15.224	4.3331	.01315	.98160
#2	6.6082	.00613	.05635	15.251	4.2439	.01557	.97666

Sample Name: J4388-02 Acquired: 8/15/2018 17:34:08 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: S-1B Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10785	5.712	.49580	F<00000	F.225.06
Stddev	.00095	.004	.00009	.34876	3.87
%RSD	.88005	.0562	.01749	1.0188	1.7182
#1	.10718	6.709	.49573	-34.480	222.32
#2	.10852	6.715	.49586	-33.987	227.79
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2125.3	54895.	5680.1	38.395	2096.9
Stddev	1.7	7.	33.8	4.582	1.1
%RSD	.07802	.01257	.59462	5.1838	.05110
#1	2126.5	54900.	5656.2	85.155	2096.2
#2	2124.2	54890.	5704.0	91.635	2097.7

Sample Name: J4388-03 Acquired: 8/15/2018 17:38:04 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-2A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09702	.01054	.46441	.01277	.00135	72.002	.68466
Stddev	.00015	.00297	.00055	.00658	.00168	.833	.00577
%RSD	.15477	28.189	.11870	51.550	124.79	1.1572	.84336

#1	.09713	-.01264	.46402	.01742	.00253	71.412	.68058
#2	.09691	-.00844	.46480	.00811	.00016	72.591	.68874

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00692	.01593	.990.36	.36193	.06146	.27663	196.69
Stddev	.00013	.00020	15.89	.00168	.00047	.00163	1.45
%RSD	1.8476	1.2824	1.6043	.46341	.77218	.58824	.73570

#1	.00683	.01579	979.12	.36075	.06180	.27548	197.71
#2	.00701	.01608	1001.6	.36312	.06113	.27778	195.66

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.937	219.47	.14898	.00377	3.6006	.13620	1.6087
Stddev	.006	2.19	.00021	.00122	.0238	.00262	.0277
%RSD	.04297	.99871	.13994	32.471	.65961	1.9265	1.7191

#1	12.933	217.92	.14884	.00464	3.5838	.13434	1.6282
#2	12.941	221.02	.14913	.00291	3.6174	.13805	1.5891

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.7517	.00377	.11131	11.163	7.2097	.05602	2.3029
Stddev	.0422	.00015	.00222	.018	.0095	.00189	.0223
%RSD	.73337	3.8608	1.9982	.16202	.13208	3.3684	.96952

#1	5.7219	.00366	.11288	11.150	7.2164	.05735	2.2871
#2	5.7816	.00387	.10974	11.176	7.2029	.05468	2.3187

Sample Name: J4388-03 Acquired: 8/15/2018 17:38:04 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-2A Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12567	7.878	1.1462	F<00000	F.218.27
Stddev	.00026	.006	.0114	.21070	.46
%RSD	.20436	.0797	.99654	1.4397	.20924
#1	.12549	7.874	1.1382	-14.485	217.95
#2	.12585	7.883	1.1543	-14.783	218.60
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2038.8	52320.	5615.6	32.283	1914.6
Stddev	1.7	144.	25.3	1.556	.3
%RSD	.08452	.27536	.45029	1.8907	.01589
#1	2037.6	52422.	5597.7	81.183	1914.8
#2	2040.1	52218.	5633.4	83.383	1914.3

Sample Name: J4388-04 Acquired: 8/15/2018 17:42:11 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: S-2B Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07667	.01548	.33824	.00825	.00097	44.544	.58648
Stddev	.00000	.00435	.00298	.00229	.00051	.297	.00081
%RSD	.00188	28.077	.88239	27.787	52.666	.66604	.13841

#1	.07667	-.01856	.33613	.00663	.00061	44.334	.58706
#2	.07667	-.01241	.34035	.00988	.00133	44.753	.58591

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00387	.02588	1265.1	1.1624	.04696	.14504	365.84
Stddev	.00002	.00001	12.7	.0029	.00041	.00360	2.14
%RSD	.40319	.04539	1.0062	.24735	.87552	2.4852	.58510

#1	.00388	.02588	1274.1	1.1645	.04667	.14249	367.35
#2	.00385	.02587	1256.1	1.1604	.04725	.14759	364.33

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.500	569.19	.14184	.00400	2.3058	.66625	1.3917
Stddev	.020	.56	.00242	.00030	.0080	.00139	.0220
%RSD	.07106	.09867	1.7031	7.4605	.34662	.20799	1.5775

#1	27.514	569.59	.14355	.00421	2.3001	.66723	1.4072
#2	27.486	568.80	.14013	.00379	2.3114	.66527	1.3762

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6295	.00543	.12410	9.0152	4.2127	.04651	1.9320
Stddev	.0221	.00026	.00889	.0033	.0527	.00020	.0075
%RSD	.47717	4.7286	7.1658	.03613	1.2505	.43681	.38978

#1	4.6452	.00561	.13039	9.0175	4.2499	.04636	1.9267
#2	4.6139	.00525	.11781	9.0129	4.1754	.04665	1.9374

Sample Name: J4388-04 Acquired: 8/15/2018 17:42:11 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-2B Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12020	5.741	1.0711	F<00000	F 355.01
Stddev	.00033	.006	.0041	.49208	3.09
%RSD	.27334	.0836	.38213	1.1844	.87058
#1	.11996	6.737	1.0740	-41.895	352.83
#2	.12043	6.745	1.0683	-41.200	357.20
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1910.4	49763.	5395.1	30.655	1765.0
Stddev	14.8	157.	61.1	1.291	7.9
%RSD	.77481	.31461	1.1318	1.6001	.44556
#1	1900.0	49652.	5351.9	79.743	1759.4
#2	1920.9	49874.	5438.3	81.568	1770.6

Sample Name: J4388-05 Acquired: 8/15/2018 17:46:17 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06985	.01202	1.8475	.00571	.00104	76.998	.95074
Stddev	.00438	.00011	.0033	.00178	.00003	.496	.00889
%RSD	6.2769	.94887	.17769	31.210	2.5258	.64411	.93477

#1	.06675	-.01194	1.8452	.00445	.00106	77.348	.94446
#2	.07295	-.01210	1.8498	.00697	.00102	76.647	.95703

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00875	.01754	782.63	.42771	.06524	.23887	.204.62
Stddev	.00011	.00112	6.06	.01208	.00008	.00647	11.63
%RSD	1.2844	6.3589	.77489	2.8238	.12327	2.7098	5.6817

#1	.00882	.01833	778.34	.43625	.06519	.24344	196.40
#2	.00867	.01675	786.91	.41917	.06530	.23429	212.84

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.286	156.25	.21582	.00358	2.4279	.15511	1.9786
Stddev	.171	1.70	.00005	.00162	.0244	.00290	.0927
%RSD	1.5161	1.0882	.02354	45.145	1.0056	1.8673	4.6853

#1	11.407	155.05	.21578	.00244	2.4107	.15715	1.9130
#2	11.165	157.45	.21586	.00473	2.4452	.15306	2.0441

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.7723	.00889	.10439	18.677	3.2252	.02864	2.5685
Stddev	.0791	.00009	.01653	.018	.0540	.00256	.0155
%RSD	1.1676	1.0314	15.835	.09370	.86721	8.9320	.60387

#1	6.7164	.00883	.09271	18.664	6.2634	.03044	2.5575
#2	6.8282	.00896	.11608	18.689	6.1871	.02683	2.5795

Sample Name: J4388-05 Acquired: 8/15/2018 17:46:17 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: S-3A Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12311	5.783	1.1989	F<00000	F 230.21
Stddev	.00103	.025	.0120	.37503	6.61
%RSD	.83636	.3711	.99834	1.7502	2.8731
#1	.12238	6.765	1.1904	-21.163	225.54
#2	.12384	6.801	1.2073	-21.693	234.89
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2079.2	54333.	5753.9	34.819	1961.7
Stddev	1.9	1129.	24.7	3.804	.5
%RSD	.09125	2.0787	.42901	4.4853	.02662
#1	2077.8	53534.	5736.5	87.509	1962.0
#2	2080.5	55131.	5771.4	82.129	1961.3

Sample Name: J4388-06 Acquired: 8/15/2018 17:50:16 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-3B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05622	.00895	1.1815	.00996	.00068	53.423	.56276
Stddev	.00595	.00026	.0013	.00408	.00152	.640	.00785
%RSD	10.591	2.8758	.10754	41.026	222.78	1.0087	1.3951

#1	.05201	-.00877	1.1824	.00707	-.00176	62.971	.55720
#2	.06043	-.00913	1.1806	.01284	.00039	63.876	.56831

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00572	.01082	953.03	.32214	.05235	.19449	160.84
Stddev	.00003	.00035	16.85	.00068	.00071	.00104	2.98
%RSD	.53366	3.2612	1.7683	.21006	1.3611	.53708	1.8555

#1	.00570	.01107	941.11	.32262	.05286	.19522	158.73
#2	.00574	.01057	964.95	.32166	.05185	.19375	162.95

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3592	319.71	.13832	.00182	2.6957	.11686	1.0353
Stddev	.0225	4.75	.00041	.00075	.0361	.00000	.0084
%RSD	.24003	1.4856	.29507	41.171	1.3388	.00328	.81619

#1	9.3751	316.35	.13861	.00129	2.6702	.11686	1.0294
#2	9.3433	323.07	.13803	.00235	2.7212	.11686	1.0413

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6406	.00331	.09312	15.838	9.1308	.02360	1.6993
Stddev	.0915	.00036	.01577	.017	.0992	.00017	.0207
%RSD	1.6220	10.928	16.939	.10565	1.0861	.72443	1.2172

#1	5.5759	.00356	.08196	15.850	9.0606	.02373	1.6847
#2	5.7053	.00305	.10427	15.827	9.2009	.02348	1.7140

Sample Name: J4388-06 Acquired: 8/15/2018 17:50:16 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: S-3B Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12667	4.584	.91011	F<00000	F198.48
Stddev	.00172	.001	.01250	.46468	10.79
%RSD	1.3598	.0102	1.3739	5.6645	5.4383
#1	.12545	4.585	.90127	-7.8749	190.85
#2	.12789	4.584	.91895	-8.5320	206.11
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.5	51545.	5513.3	33.686	1907.7
Stddev	.3	120.	25.1	.724	.9
%RSD	.01570	.23346	.45578	.86495	.04667
#1	1996.3	51460.	5531.0	84.198	1908.3
#2	1996.7	51630.	5495.5	83.175	1907.1

Sample Name: J4388-07 Acquired: 8/15/2018 17:54:23 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CHA-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09917	.01312	1.2246	.01060	.00043	71.989	.83356
Stddev	.00492	.00252	.0062	.00173	.00095	1.312	.00675
%RSD	4.9585	19.187	.50810	16.283	219.16	1.8227	.80965

#1	.09569	-.01134	1.2202	.00938	-.00024	71.061	.82879
#2	.10265	-.01490	1.2290	.01182	.00111	72.917	.83834

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00767	.01966	1035.7	.48183	.05652	.26906	.210.85
Stddev	.00004	.00037	2.1	.00194	.00070	.00140	4.12
%RSD	.57110	1.8863	.20332	.40322	1.2379	.52201	1.9547

#1	.00764	.01940	1037.2	.48321	.05701	.26806	213.76
#2	.00770	.01992	1034.3	.48046	.05602	.27005	207.93

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.820	286.12	.17134	.00461	4.5168	.19320	2.4780
Stddev	.069	2.04	.00001	.00049	.0274	.00043	.0984
%RSD	.46830	.71292	.00545	10.692	.60565	.22373	3.9727

#1	14.771	284.67	.17134	.00496	4.4975	.19350	2.5476
#2	14.869	287.56	.17135	.00426	4.5362	.19289	2.4084

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.1025	.00532	.22939	12.036	3.5520	.02761	2.9689
Stddev	.0103	.00009	.01376	.006	.1351	.00347	.0268
%RSD	.16895	1.7417	5.9999	.05354	1.5798	12.566	.90359

#1	6.0952	.00525	.23912	12.041	8.6475	.03006	2.9500
#2	6.1098	.00539	.21966	12.032	8.4564	.02516	2.9879

Sample Name: J4388-07 Acquired: 8/15/2018 17:54:23 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CHA-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.12221	7.620	1.3083	F<00000	F230.37
Stddev	.00193	.011	.0074	.45863	7.95
%RSD	1.5754	.1449	.56575	2.6688	3.4494

#1	.12085	7.612	1.3031	-17.509	224.75
#2	.12357	7.628	1.3135	-16.861	235.99

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.0	51292.	5554.2	33.170	1871.8
Stddev	8.5	73.	78.2	3.452	7.5
%RSD	.42565	.14188	1.4080	4.1508	.40163

#1	1980.0	51240.	5498.9	80.729	1866.4
#2	1991.9	51343.	5609.5	85.611	1877.1

Sample Name: J4471-01 Acquired: 8/15/2018 17:58:30 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05201	.01108	.15138	.01158	.00497	.225.04	1.1424
Stddev	.00092	.00119	.00185	.00339	.00120	.79	.0137
%RSD	1.7634	10.752	1.2205	29.300	24.102	.34918	1.2014

#1	.05137	-.01193	.15008	.01397	.00582	224.48	1.1327
#2	.05266	-.01024	.15269	.00918	.00413	225.59	1.1521

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00888	.01179	15.361	.26847	.26658	.21994	356.55
Stddev	.00006	.00027	.260	.00079	.00099	.00066	3.67
%RSD	.72353	2.2590	1.6941	.29358	.37224	.30046	1.0302

#1	.00883	.01198	15.177	.26903	.26728	.22041	353.95
#2	.00892	.01160	15.545	.26791	.26588	.21947	359.14

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.664	45.455	.35994	.00565	.83736	.60354	.79433
Stddev	.027	.579	.00006	.00052	.00745	.00660	.00153
%RSD	.15509	1.2728	.01607	9.1700	.88971	1.0931	.19321

#1	17.684	45.046	.35990	.00528	.83210	.60821	.79541
#2	17.645	45.864	.35998	.00601	.84263	.59888	.79324

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8787	.00060	.11242	1.3890	5.0677	.01740	4.1636
Stddev	.1454	.00002	.00555	.0028	.0155	.00158	.0713
%RSD	1.8448	3.4146	4.9367	.19844	.30512	9.0720	1.7117

#1	7.7759	.00059	.10850	1.3870	5.0568	.01628	4.1132
#2	7.9815	.00062	.11635	1.3909	5.0786	.01851	4.2140

Sample Name: J4471-01 Acquired: 8/15/2018 17:58:30 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.21135	5.202	.08651	F<00000	F 333.09
Stddev	.00262	.006	.00131	.44526	8.46
%RSD	1.2415	.1085	1.5176	.53904	2.5398
#1	.20950	5.198	.08558	-82.917	339.07
#2	.21321	5.206	.08744	-82.287	327.10
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2381.8	59498.	6004.4	90.258	2244.9
Stddev	2.7	403.	9.4	.017	2.9
%RSD	.11341	.67719	.15622	.01930	.12895
#1	2383.7	59213.	6011.0	90.246	2247.0
#2	2379.9	59783.	5997.8	90.270	2242.9

Sample Name: J4471-05 Acquired: 8/15/2018 18:02:37 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03955	.01219	.12238	.01210	.00363	119.60	.46781
Stddev	.00645	.00611	.00064	.00661	.00139	2.21	.00223
%RSD	16.305	50.171	.52287	54.611	38.146	1.8452	.47748

#1	.04411	-.01651	.12283	.00743	.00265	118.04	.46623
#2	.03499	-.00786	.12193	.01678	.00461	121.16	.46939

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00448	.00992	155.60	.21346	.14940	.52419	.286.63
Stddev	.00012	.00149	1.05	.00014	.00075	.00689	11.43
%RSD	2.7664	14.983	.67744	.06571	.50345	1.3148	3.9880

#1	.00440	.01097	154.85	.21336	.14994	.52906	278.54
#2	.00457	.00887	156.34	.21356	.14887	.51932	294.71

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.7996	72.349	.27358	.00321	1.8345	.42089	.51872
Stddev	.0209	.498	.00134	.00107	.0249	.00018	.01299
%RSD	.43579	.68840	.48931	33.309	1.3563	.04273	2.5043

#1	4.7848	71.997	.27264	.00246	1.8169	.42102	.50953
#2	4.8144	72.702	.27453	.00397	1.8521	.42077	.52790

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9075	.00080	.22815	.93588	3.7599	.01510	3.4991
Stddev	.0239	.00010	.01541	.00115	.0824	.00109	.0664
%RSD	.34607	12.725	6.7532	.12290	2.1926	7.2111	.78156

#1	6.8906	.00087	.21725	.93670	3.8181	.01587	8.4521
#2	6.9244	.00073	.23904	.93507	3.7016	.01433	8.5461

Sample Name: J4471-05 Acquired: 8/15/2018 18:02:37 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: TP-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.16821	5.122	.20229	F<00000	F.285.74
Stddev	.00235	.016	.00123	.32900	2.33
%RSD	1.3992	.3144	.60833	.52497	.81706
#1	.16655	5.133	.20142	-62.437	287.40
#2	.16987	5.110	.20316	-62.903	284.09
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2288.5	58249.	5927.4	39.443	2180.0
Stddev	4.0	113.	54.2	2.170	3.8
%RSD	.17304	.19471	.91384	2.4258	.17336
#1	2285.7	58329.	5889.0	90.977	2177.3
#2	2291.3	58169.	5965.7	87.909	2182.7

Sample Name: J4471-09 Acquired: 8/15/2018 18:06:35 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03015	.01053	.08538	.00797	.00146	103.96	.36798
Stddev	.00036	.00026	.00014	.00132	.00268	.59	.00250
%RSD	1.1906	2.5105	.16958	16.551	184.08	.56813	.68028

#1	.03040	-.01072	.08528	.00703	.00336	103.54	.36621
#2	.02990	-.01035	.08548	.00890	-.00044	104.37	.36975

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00414	.00784	163.03	.21451	.13252	.36125	.252.57
Stddev	.00003	.00036	2.18	.00001	.00084	.00324	4.11
%RSD	.67177	4.6195	1.3390	.00261	.63019	.89744	1.6284

#1	.00416	.00810	161.49	.21450	.13311	.36354	249.66
#2	.00412	.00759	164.57	.21451	.13193	.35896	255.48

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.8756	57.997	.24876	.00319	1.8597	.39426	.45331
Stddev	.0019	.922	.00162	.00010	.0191	.00095	.00671
%RSD	.03795	1.3561	.65059	3.1706	1.0280	.24111	1.4800

#1	4.8769	67.345	.24990	.00312	1.8461	.39494	.44857
#2	4.8743	68.649	.24761	.00326	1.8732	.39359	.45806

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.1022	.00069	.18532	.72446	2.9268	.00954	7.6326
Stddev	.0457	.00033	.00010	.00371	.0163	.00047	.0547
%RSD	.89657	47.622	.05460	.51194	.55603	4.9546	.71654

#1	5.0699	-.00046	.18540	.72708	2.9383	.00987	7.5939
#2	5.1346	-.00093	.18525	.72183	2.9153	.00920	7.6712

Sample Name: J4471-09 Acquired: 8/15/2018 18:06:35 Type: Unk
 Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.15120	4.552	.20808	F<00000	F.254.23
Stddev	.00197	.019	.00251	.52326	4.12
%RSD	1.3058	.4177	1.2081	.97777	1.6190
#1	.14981	4.566	.20630	-53.145	257.14
#2	.15260	4.539	.20985	-53.885	251.32
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2288.3	57614.	5792.1	38.382	2218.0
Stddev	14.4	294.	17.3	.552	19.5
%RSD	.62883	.51104	.29876	.62406	.87745
#1	2278.1	57406.	5804.3	88.772	2204.3
#2	2298.5	57823.	5779.9	87.992	2231.8

Sample Name: CCV06 Acquired: 8/15/2018 18:10:33 Type: Unk
Method: P4-ICP2(v2356) 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	5.1435	4.9433	5.0236	5.2678	5.1815	9.9256	10.380	2.4478
Stddev	.0056	.0047	.0056	.0062	.0149	.0789	.094	.00026
%RSD	.10862	.09608	.11201	.11779	.28792	.79439	.90954	.10575

#1	5.1396	4.9399	5.0197	5.2634	5.1920	9.8698	10.313	2.4496
#2	5.1475	4.9466	5.0276	5.2722	5.1709	9.9813	10.446	2.4460

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4637	24.486	.93243	2.4931	1.3106	5.1639	2.4622	25.085
Stddev	.0025	.303	.00199	.0003	.0019	.1084	.0056	.240
%RSD	.10194	1.2381	.21393	.01314	.14873	2.0983	.22863	.95551

#1	2.4620	24.272	.93102	2.4933	1.3119	5.0873	2.4582	24.915
#2	2.4655	24.700	.93384	2.4928	1.3092	5.2405	2.4661	25.254

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5166	1.2182	24.402	2.4643	2.5301	25.604	5.1852	5.2001
Stddev	.0028	.0014	.232	.0037	.0345	.288	.0012	.0251
%RSD	.11268	.11278	.94982	.14911	1.3615	1.1245	.02297	.48327

#1	2.5146	1.2192	24.238	2.4617	2.5058	25.401	5.1861	5.1823
#2	2.5186	1.2172	24.566	2.4669	2.5545	25.808	5.1844	5.2178

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0159	4.9675	4.9762	5.0558	5.0909	4.839	5.1002	4.9166
Stddev	.0126	.0291	.0122	.0316	.0443	.029	.0430	.7276
%RSD	.25017	.58633	.24532	.62483	.87014	.6043	.84365	14.798

#1	5.0247	4.9469	4.9676	5.0334	5.0596	4.818	5.0698	5.4311
#2	5.0070	4.9881	4.9849	5.0781	5.1223	4.859	5.1307	4.4022

Sample Name: CCV06 Acquired: 8/15/2018 18:10:33 Type: Unk
Method: P4-ICP2(v2356) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F1.9697
Stddev 3.0227
%RSD 153.46

#1 4.1071
#2 -.16772

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.7	52499.	5102.9	38.448	2378.8
Stddev	3.7	138.	11.1	1.065	2.3
%RSD	.17651	.26316	.21822	1.2045	.09509

#1	2100.1	52401.	5095.0	89.201	2377.2
#2	2105.3	52597.	5110.7	87.695	2380.4

Sample Name: CCB06 Acquired: 8/15/2018 18:14:25 Type: Unk
Method: P4-ICP2(v2356) 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	.00021	.00065	.00056	F.00651	.00194	.00512	.00253
Stddev	.00058	.00024	.00052	.00071	.00128	.00095	.00037
%RSD	284.47	37.279	92.266	10.946	65.883	18.534	14.696

#1	-.00021	.00082	.00093	.00601	-.00104	-.00445	-.00227
#2	.00062	.00048	.00019	.00702	-.00285	-.00579	-.00279

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00002	.00985	.00029	.00035	.00017	.00306
Stddev	.00003	.00002	.00074	.00059	.00027	.00052	.00750
%RSD	250.80	70.670	7.5291	205.72	78.477	311.06	245.31

#1	.00003	.00003	-.00933	-.00013	.00054	.00053	-.00225
#2	-.00001	.00001	-.01038	.00070	.00016	-.00020	.00836

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00277	.00045	.00060	.00810	.00080	.00027
Stddev	.00007	.04207	.00019	.00027	.00838	.00045	.00008
%RSD	374.82	1519.5	41.713	45.393	103.47	56.866	27.919

#1	-.00007	.03252	-.00032	.00079	-.00217	-.00048	-.00022
#2	.00003	-.02698	-.00058	.00041	-.01402	-.00112	-.00033

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02621	.00013	.00856	.00108	.01001	.00148	.00124
Stddev	.02061	.00043	.00512	.00105	.00089	.00008	.00021
%RSD	78.618	339.78	59.838	97.366	8.8492	5.3667	16.958

#1	.01164	.00018	.00494	-.00034	.01064	.00142	.00139
#2	.04078	-.00043	.01218	-.00183	.00939	.00153	.00109

Sample Name: CCB06 Acquired: 8/15/2018 18:14:25 Type: Unk
 Method: P4-ICP2(v2356) 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	.00144	.0005	.00013	F 2.7384	F<00000
Stddev	.00054	.0026	.00001	.3849	.10564
%RSD	37.338	494.6	6.9559	14.054	83.392
#1	.00182	-.0013	.00012	3.0106	-.05198
#2	.00106	.0024	.00014	2.4663	-.20137
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.2	55375.	5144.1	92.189	2746.7
Stddev	8.8	457.	35.9	.498	8.4
%RSD	.40012	.82616	.69693	.54040	.30704
#1	2203.9	55051.	5118.7	91.836	2740.7
#2	2216.4	55698.	5169.4	92.541	2752.7

Sample Name: J4471-13 Acquired: 8/15/2018 18:18:09 Type: Unk
Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03075	.01278	.08156	.01152	.00394	115.75	.62038
Stddev	.00366	.00313	.00245	.00359	.00002	1.85	.00644
%RSD	11.898	24.536	3.0025	31.187	.62912	1.5970	1.0384

#1	.02816	-.01499	.08329	.00898	.00392	114.44	.61582
#2	.03333	-.01056	.07983	.01406	.00395	117.05	.62493

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00456	.00945	34.662	.23358	.15417	.47592	304.30
Stddev	.00000	.00040	.723	.00013	.00019	.00112	2.42
%RSD	.00590	4.1882	1.1186	.05364	.12301	.23538	.79568

#1	.00456	.00917	64.150	.23349	.15404	.47513	306.01
#2	.00456	.00973	65.173	.23367	.15430	.47672	302.59

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.2869	76.011	.28361	.00408	2.0539	.42346	.60441
Stddev	.0045	1.181	.00044	.00035	.0150	.00097	.01815
%RSD	.08493	1.5542	.15542	8.6223	.73239	.22834	3.0035

#1	5.2837	75.176	.28392	.00433	2.0433	.42277	.61725
#2	5.2900	76.847	.28330	.00383	2.0646	.42414	.59158

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.189	.00939	.26549	2.0495	4.8056	.01216	9.2038
Stddev	.101	.00022	.00159	.0040	.0191	.00070	.0781
%RSD	.90126	2.3122	.59919	.19450	.39678	5.7715	.84890

#1	11.117	.00954	.26437	2.0523	4.8191	.01167	9.1486
#2	11.260	.00924	.26662	2.0467	4.7922	.01266	9.2591

Sample Name: J4471-13 Acquired: 8/15/2018 18:18:09 Type: Unk
 Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: TP-4 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17276	5.229	.14738	F<00000	F.290.67
Stddev	.00182	.004	.00146	1.2410	2.27
%RSD	1.0544	.0705	.98895	1.7862	.78024
#1	.17147	6.232	.14635	-68.603	292.27
#2	.17405	6.226	.14841	-70.358	289.06
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2398.0	50218.	5986.2	30.309	2278.8
Stddev	8.7	4.	39.3	2.347	7.0
%RSD	.36235	.00631	.65706	2.5985	.30824
#1	2391.8	60215.	5958.3	88.650	2273.8
#2	2404.1	60220.	6014.0	91.968	2283.7

Sample Name: J4471-17 Acquired: 8/15/2018 18:22:03 Type: Unk
Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03858	.01311	.07570	.01344	.00239	104.67	.42971
Stddev	.00139	.00238	.00125	.00510	.00076	1.01	.00739
%RSD	3.6005	18.142	1.6496	37.980	31.848	.96797	1.7187

#1	.03957	-.01143	.07659	.01705	.00293	103.96	.42449
#2	.03760	-.01480	.07482	.00983	.00185	105.39	.43493

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00435	.00829	152.09	.21896	.13982	.38714	.268.96
Stddev	.00005	.00043	2.29	.00074	.00117	.00066	1.42
%RSD	1.2094	5.2152	1.5042	.33795	.83386	.16935	.52847

#1	.00431	.00860	150.47	.21844	.14065	.38760	267.96
#2	.00439	.00799	153.71	.21949	.13900	.38668	269.97

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9599	30.275	.25627	.00313	1.5326	.37597	.45476
Stddev	.0005	.846	.00060	.00011	.0354	.00097	.00399
%RSD	.01301	1.4036	.23557	3.6545	2.3080	.25931	.87787

#1	3.9603	59.677	.25584	.00305	1.5076	.37528	.45758
#2	3.9595	60.873	.25670	.00321	1.5576	.37666	.45193

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6922	.00107	.20629	3.1754	4.2241	.00702	7.6265
Stddev	.0869	.00075	.00674	.0125	.0615	.00023	.1132
%RSD	1.5264	69.766	3.2664	.39337	1.4567	3.2917	1.4840

#1	5.6308	.00160	.20153	3.1842	4.1806	.00686	7.5464
#2	5.7537	.00054	.21106	3.1666	4.2677	.00719	7.7065

Sample Name: J4471-17 Acquired: 8/15/2018 18:22:03 Type: Unk
 Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: TP-5 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.14186	4.896	.24986	F<00000	F.255.32
Stddev	.00205	.006	.00373	1.3619	.06
%RSD	1.4435	.1294	1.4946	2.3561	.02275
#1	.14042	4.900	.24722	-56.841	255.36
#2	.14331	4.891	.25250	-58.767	255.28
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2349.0	59355.	5969.4	37.829	2217.4
Stddev	5.5	132.	17.9	.654	3.7
%RSD	.23229	.22221	.29950	.74417	.16783
#1	2345.1	59262.	5982.0	87.367	2214.8
#2	2352.8	59448.	5956.7	88.291	2220.1

Sample Name: J4471-21 Acquired: 8/15/2018 18:25:59 Type: Unk
Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04152	.01273	.08459	.00571	.00434	115.64	.53265
Stddev	.00214	.00157	.00035	.00007	.00147	1.24	.00761
%RSD	5.1559	12.370	.41728	1.2843	33.801	1.0727	1.4294

#1	.04001	-.01384	.08484	.00565	.00538	114.76	.52726
#2	.04304	-.01161	.08434	.00576	.00330	116.52	.53803

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00518	.00984	119.17	.20702	.15155	.35812	310.16
Stddev	.00007	.00070	2.30	.00141	.00061	.00516	5.06
%RSD	1.3690	7.1141	1.9336	.67890	.40221	1.4398	1.6300

#1	.00523	.01034	117.54	.20603	.15112	.36177	306.58
#2	.00513	.00935	120.80	.20801	.15198	.35447	313.73

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.9666	35.492	.28874	.00382	2.2258	.38652	.55333
Stddev	.0135	1.308	.00138	.00107	.0360	.00278	.00054
%RSD	.22599	1.9977	.47795	27.980	1.6161	.71955	.09746

#1	5.9761	64.567	.28971	.00306	2.2003	.38456	.55295
#2	5.9571	66.417	.28776	.00458	2.2512	.38849	.55372

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.2618	.00767	.16296	1.0502	4.8997	.00924	3.7076
Stddev	.1269	.00014	.00253	.0044	.0192	.00367	.1190
%RSD	1.5358	1.8151	1.5539	.42043	.39130	39.740	1.7745

#1	8.1721	.00777	.16475	1.0533	4.9132	.00665	6.6234
#2	8.3515	.00757	.16117	1.0471	4.8861	.01184	6.7917

Sample Name: J4471-21 Acquired: 8/15/2018 18:25:59 Type: Unk
 Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: TP-6 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.17264	5.639	.29562	F<00000	F.296.89
Stddev	.00187	.009	.00509	.77887	7.82
%RSD	1.0825	.1663	1.7233	1.1286	2.6337

#1	.17132	5.632	.29202	-68.461	291.36
#2	.17396	5.645	.29922	-69.563	302.42

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2383.5	59794.	3051.6	38.729	2235.9
Stddev	12.2	350.	3.3	.182	8.5
%RSD	.51364	.58534	.05401	.20545	.37911

#1	2374.9	59547.	6049.3	88.600	2229.9
#2	2392.2	60042.	6053.9	88.857	2241.9

Sample Name: J4471-25 Acquired: 8/15/2018 18:29:59 Type: Unk
Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: BED-ROCK Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03725	.01562	.14938	.01482	.00553	166.06	.83896
Stddev	.00436	.00220	.00223	.00368	.00005	1.38	.00309
%RSD	11.699	14.113	1.4940	24.816	.91876	.83082	.36798

#1	.03417	-.01718	.15096	.01222	.00549	165.09	.83677
#2	.04033	-.01406	.14780	.01742	.00556	167.04	.84114

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00511	.01691	245.20	.26371	.22307	.88362	393.63
Stddev	.00009	.00009	1.36	.00131	.00179	.00405	1.30
%RSD	1.6844	.54853	.55543	.49838	.80266	.45866	.33068

#1	.00517	.01697	244.24	.26278	.22180	.88075	392.71
#2	.00505	.01684	246.16	.26464	.22433	.88648	394.55

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.6103	135.90	.42795	.00453	4.5152	.56722	.64918
Stddev	.0030	.99	.00140	.00005	.0211	.00186	.00258
%RSD	.05311	.72808	.32635	1.0328	.46824	.32854	.39806

#1	5.6082	135.20	.42697	.00449	4.5003	.56854	.65100
#2	5.6124	136.60	.42894	.00456	4.5302	.56591	.64735

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.7247	.00386	1.8986	1.7149	3.6877	.01797	12.718
Stddev	.0858	.00003	.0086	.0098	.0348	.00077	.036
%RSD	.88174	.76582	.45008	.56872	.94441	4.2966	.28677

#1	9.6641	.00384	1.8925	1.7080	3.7124	.01852	12.692
#2	9.7854	.00389	1.9046	1.7218	3.6631	.01743	12.743

Sample Name: J4471-25 Acquired: 8/15/2018 18:29:59 Type: Unk
 Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: BED-ROCK Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.18513	5.182	.40783	F<00000	F 349.57
Stddev	.00230	.017	.00093	1.1661	5.11
%RSD	1.2443	.2792	.22707	1.3387	1.4615

#1	.18350	6.170	.40718	-87.933	345.96
#2	.18676	6.194	.40849	-86.284	353.18

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2288.8	58033.	5984.4	36.963	2096.1
Stddev	7.6	158.	32.9	.525	4.8
%RSD	.33338	.27284	.54914	.60315	.22705

#1	2294.2	57921.	5961.2	86.592	2099.4
#2	2283.4	58145.	6007.6	87.334	2092.7

Sample Name: J4477-01 Acquired: 8/15/2018 18:33:59 Type: Unk
Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FK-SF-03-004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04940	.00438	.36437	.01134	.00318	31.363	.58715
Stddev	.00179	.00025	.00069	.00044	.00068	.513	.00764
%RSD	3.6138	5.7678	.18823	3.8571	21.424	.63019	1.3009

#1	.04813	-.00455	.36485	.01104	.00366	81.001	.58175
#2	.05066	-.00420	.36388	.01165	.00270	81.726	.59255

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00472	.00603	48.644	.18194	.06955	.20657	.212.20
Stddev	.00005	.00073	.574	.00079	.00023	.00337	5.83
%RSD	1.1319	12.060	1.1800	.43285	.32418	1.6306	2.7461

#1	.00476	.00655	48.238	.18250	.06971	.20895	208.08
#2	.00468	.00552	49.050	.18138	.06939	.20418	216.32

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0867	40.001	.51574	.00089	2.0902	.24547	.53167
Stddev	.0015	.558	.00184	.00103	.0217	.00109	.00594
%RSD	.07176	1.3955	.35719	115.06	1.0400	.44506	1.1180

#1	2.0878	39.606	.51444	.00017	2.0749	.24624	.52746
#2	2.0857	40.396	.51705	.00162	2.1056	.24469	.53587

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.240	.00284	.07809	3.2789	4.0700	.01689	2.4385
Stddev	.156	.00003	.00986	.0042	.0090	.00067	.0246
%RSD	1.3855	1.0479	12.630	.12741	.22198	3.9440	1.0076

#1	11.129	.00287	.07112	3.2818	4.0764	.01736	2.4211
#2	11.350	.00282	.08507	3.2759	4.0636	.01642	2.4559

Sample Name: J4477-01 Acquired: 8/15/2018 18:33:59 Type: Unk
Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FK-SF-03-004 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11086	3.086	.24034	F<00000	F.229.83
Stddev	.00104	.018	.00342	.01669	2.57
%RSD	.93653	.5729	1.4240	.03495	1.1191
#1	.11012	3.073	.23792	-47.740	231.65
#2	.11159	3.098	.24276	-47.764	228.01
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2287.8	58033.	5799.1	93.009	2353.9
Stddev	5.3	219.	11.4	1.233	12.4
%RSD	.23207	.37789	.19641	1.3258	.52556
#1	2291.6	57878.	5807.2	93.881	2362.7
#2	2284.1	58188.	5791.1	92.137	2345.2

Sample Name: J4477-03 Acquired: 8/15/2018 18:37:55 Type: Unk
Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FK-SF-03-004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05703	.00444	.36644	.01115	.00170	77.948	.62555
Stddev	.00063	.00080	.00136	.00458	.00215	1.276	.01107
%RSD	1.1076	17.937	.37226	41.103	126.46	1.6372	1.7696

#1	.05658	-.00501	.36740	.01439	.00018	77.046	.61772
#2	.05748	-.00388	.36547	.00791	.00323	78.850	.63338

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00452	.00566	71.910	.18759	.06706	.20643	.214.68
Stddev	.00005	.00003	1.130	.00050	.00044	.00040	.52
%RSD	1.0639	.59516	1.5718	.26799	.64913	.19446	.24049

#1	.00455	.00564	71.111	.18724	.06737	.20671	214.32
#2	.00448	.00569	72.709	.18795	.06675	.20614	215.05

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.1841	36.207	.36741	.00078	2.2024	.23900	.56563
Stddev	.0016	.561	.00090	.00040	.0475	.00063	.00556
%RSD	.07172	1.5486	.24396	51.203	2.1565	.26507	.98367

#1	2.1830	35.810	.36804	.00049	2.1688	.23945	.56957
#2	2.1852	36.603	.36677	.00106	2.2359	.23855	.56170

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.9258	.00438	.09773	4.6809	5.0048	.01668	2.0409
Stddev	.1119	.00033	.00023	.0225	.0457	.00299	.0269
%RSD	1.6161	7.5759	.23972	.47954	.91297	17.934	1.3177

#1	6.8466	.00461	.09756	4.6650	4.9724	.01456	2.0219
#2	7.0049	.00414	.09790	4.6968	5.0371	.01879	2.0599

Sample Name: J4477-03 Acquired: 8/15/2018 18:37:55 Type: Unk
Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FK-SF-03-004 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.08483	3.258	.28945	F<00000	F.231.13
Stddev	.00353	.006	.00445	.57750	1.08
%RSD	4.1631	.1731	1.5382	1.1734	.46664
#1	.08233	3.254	.28630	-49.624	231.90
#2	.08733	3.262	.29260	-48.807	230.37
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2274.3	57739.	5798.3	90.729	2324.2
Stddev	1.1	42.	14.1	1.044	1.6
%RSD	.04665	.07345	.24247	1.1508	.06683
#1	2273.6	57769.	5808.3	89.991	2323.1
#2	2275.1	57710.	5788.4	91.468	2325.2

Sample Name: J4474-01 Acquired: 8/15/2018 18:41:52 Type: Unk
 Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: FRAC-TANK-SV Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01928	.00422	.41337	.01309	.00879	16.217	.20135
Stddev	.00261	.00054	.00157	.00479	.00025	.082	.00447
%RSD	13.517	12.913	.37925	36.628	2.8914	.50289	2.2186

#1	.01744	-.00460	.41226	.00970	.00897	16.159	.19820
#2	.02113	-.00383	.41448	.01648	.00861	16.274	.20451

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00068	.00752	39.343	.06044	.01349	.28675	39.611
Stddev	.00001	.00008	.720	.00064	.00026	.00152	.592
%RSD	1.7509	1.0210	1.8310	1.0540	1.9245	.53178	1.4956

#1	.00067	.00757	38.834	.06089	.01368	.28783	40.029
#2	.00068	.00746	39.853	.05999	.01331	.28567	39.192

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71614	11.094	.04945	.00164	167.79	.13423	.92256
Stddev	.00050	.332	.00092	.00016	6.88	.00028	.02730
%RSD	.06925	2.9954	1.8588	9.5248	4.1015	.21202	2.9592

#1	.71649	10.859	.04880	.00153	162.92	.13443	.94187
#2	.71579	11.329	.05010	.00175	172.65	.13403	.90326

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.110	.01528	.22379	10.322	26.301	.01701	.72150
Stddev	.153	.00036	.00149	.007	.151	.00120	.00928
%RSD	1.3753	2.3280	.66674	.07126	.57450	7.0661	1.2859

#1	11.002	.01502	.22273	10.317	26.195	.01616	.71494
#2	11.218	.01553	.22484	10.327	26.408	.01786	.72806

Sample Name: J4474-01 Acquired: 8/15/2018 18:41:52 Type: Unk
Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: FRAC-TANK-SV Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02438	1.032	.17977	F<00000	71.618
Stddev	.00035	.008	.00238	.07268	2.062
%RSD	1.4556	.7990	1.3223	2.5916	2.8793
#1	.02463	1.027	.17808	-2.7533	70.160
#2	.02412	1.038	.18145	-2.8560	73.076
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2036.8	50996.	5200.3	39.959	2296.8
Stddev	23.2	493.	.1	3.226	22.6
%RSD	1.1390	.96635	.00150	3.5856	.98605
#1	2020.4	50648.	5200.3	87.678	2280.8
#2	2053.2	51345.	5200.2	92.240	2312.8

Sample Name: J4471-08 Acquired: 8/15/2018 18:45:57 Type: Unk
Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB13686 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00180	.00434	.00013	.01251	.00471	.04946	.11747	.00006
Stddev	.00201	.00189	.00152	.00002	.00125	.01561	.00100	.00003
%RSD	112.02	43.657	1195.4	.18353	26.499	31.553	.85132	52.623

#1	.00322	-.00568	-.00120	.01250	-.00559	.06050	.11676	-.00008
#2	.00037	-.00300	.00095	.01253	-.00382	.03843	.11818	-.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00023	74.690	.00020	.00111	.00323	.00158	.49184	4.3560
Stddev	.00018	1.081	.00010	.00022	.00032	.00278	.00031	.0482
%RSD	78.547	1.4469	48.510	20.136	9.7880	175.61	.06241	1.1073

#1	.00035	73.926	.00026	.00127	.00346	.00355	.49206	4.3219
#2	.00010	75.454	.00013	.00096	.00301	-.00038	.49162	4.3901

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00331	.00076	279.69	.00013	.01427	.59662	.00050	.01405
Stddev	.00006	.00007	11.32	.00001	.00020	.01437	.00000	.00469
%RSD	1.9349	9.3257	4.0459	5.2323	1.4262	2.4089	.33783	33.358

#1	.00336	.00081	271.69	-.00013	.01442	.58646	-.00050	.01074
#2	.00327	.00071	287.70	-.00013	.01413	.60678	-.00050	.01736

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09413	.34458	.00316	.00175	.00890	.0002	.09695	3.9639
Stddev	.00276	.00403	.00247	.00049	.00086	.0009	.00021	.1414
%RSD	2.9331	1.1682	77.994	27.799	9.6264	383.0	.21378	2.0308

#1	.09608	.34173	.00142	-.00209	.00829	.0004	.09681	6.8639
#2	.09217	.34742	.00491	-.00140	.00950	-.0009	.09710	7.0639

Sample Name: J4471-08 Acquired: 8/15/2018 18:45:57 Type: Unk
Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB13686 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	12.226
Stddev	3.446
%RSD	28.189

#1	9.7889
#2	14.663

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1973.3	49389.	5024.0	38.511	2258.8
Stddev	10.8	94.	22.2	.848	13.1
%RSD	.54975	.18965	.44248	.95837	.57912

#1	1965.6	49323.	5039.7	87.911	2249.5
#2	1981.0	49455.	5008.3	89.111	2268.0

Sample Name: J4471-12 Acquired: 8/15/2018 18:50:09 Type: Unk
Method: P4-ICP2(v2357) 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	.00305	.00254	.00155	.01164	.00369	.03827	.08158	.00005
Stddev	.00040	.00128	.00066	.00490	.00113	.00753	.00128	.00008
%RSD	13.098	50.471	42.987	42.082	30.533	19.669	1.5630	164.48

#1	-.00277	-.00163	.00201	.01510	-.00289	.03295	.08249	-.00011
#2	-.00333	-.00344	.00108	.00818	-.00448	.04360	.08068	.00001

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	58.814	.00049	.00066	.00386	.01304	.41323	3.0189
Stddev	.00005	.377	.00021	.00012	.00018	.01394	.00018	.0514
%RSD	36.282	.64178	42.595	18.164	4.7197	106.85	.04419	1.7024

#1	.00009	59.081	.00064	.00074	.00373	.02290	.41310	3.0552
#2	.00016	58.547	.00034	.00057	.00399	.00319	.41336	2.9826

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00177	.00007	266.39	.00007	.01408	.46591	.00054	.00701
Stddev	.00018	.00084	.98	.00015	.00032	.02755	.00034	.00075
%RSD	10.278	1149.9	.36861	233.66	2.2926	5.9125	63.832	10.673

#1	.00164	.00066	267.09	-.00018	.01431	.44643	-.00078	.00648
#2	.00190	-.00052	265.70	.00004	.01385	.48538	-.00029	.00754

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09656	.31971	.00443	.00017	.01026	.0003	.08867	5.9157
Stddev	.00607	.00845	.00135	.00147	.00187	.0002	.00021	.5841
%RSD	6.2846	2.6435	30.483	841.37	18.266	53.16	.24146	9.8745

#1	.09227	.32568	.00539	-.00086	.00893	.0002	.08882	5.5027
#2	.10085	.31373	.00348	.00121	.01158	.0004	.08852	6.3288

Sample Name: J4471-12 Acquired: 8/15/2018 18:50:09 Type: Unk
 Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	17.407
Stddev	.009
%RSD	.05233

#1	17.413
#2	17.400

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1994.1	49717.	5038.8	39.210	2279.0
Stddev	4.1	53.	100.9	1.504	6.6
%RSD	.20571	.10744	2.0022	1.6859	.28840

#1	1991.2	49679.	4967.4	88.147	2274.3
#2	1997.0	49754.	5110.1	90.274	2283.6

Sample Name: J4471-16 Acquired: 8/15/2018 18:54:21 Type: Unk
Method: P4-ICP2(v2357) 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	.00260	.00332	.00063	.00657	.00271	.04481	.12390	.00004
Stddev	.00349	.00166	.00095	.00596	.00023	.00089	.00013	.00005
%RSD	133.91	50.075	151.19	90.707	8.5945	1.9836	.10118	116.99

#1	-.00014	-.00215	.00130	.01078	-.00254	.04419	.12381	-.00001
#2	-.00507	-.00450	-.00004	.00236	-.00287	.04544	.12399	-.00007

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	20.010	.00023	.00039	.00516	.01168	.17460	1.5165
Stddev	.00005	.162	.00014	.00005	.00028	.00007	.00061	.0022
%RSD	772.78	.80756	60.159	13.645	5.3620	.60630	.35061	.14419

#1	.00003	20.124	.00013	.00043	.00536	.01163	.17503	1.5181
#2	-.00004	19.896	.00033	.00035	.00497	.01173	.17417	1.5150

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00196	.00019	273.48	.00028	.01510	.67078	.00003	.01536
Stddev	.00048	.00035	.26	.00014	.00031	.04644	.00003	.00637
%RSD	24.567	178.64	.09466	49.944	2.0304	6.9230	86.179	41.445

#1	.00230	.00044	273.66	.00038	.01489	.70362	-.00001	.01987
#2	.00162	-.00005	273.29	.00018	.01532	.63794	-.00005	.01086

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09422	.42182	.00271	.00131	.01073	.0062	.06101	5.5258
Stddev	.00193	.00068	.00130	.00084	.00051	.0014	.00036	.2512
%RSD	2.0501	.16040	47.717	64.011	4.7377	22.64	.58634	4.5463

#1	.09285	.42134	.00363	.00190	.01037	.0072	.06075	5.7034
#2	.09559	.42229	.00180	.00072	.01109	.0052	.06126	5.3481

Sample Name: J4471-16 Acquired: 8/15/2018 18:54:21 Type: Unk
 Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	13.180
Stddev	3.518
%RSD	26.692

#1	15.668
#2	10.693

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.5	50862.	5097.9	91.036	2327.9
Stddev	10.0	161.	16.8	1.016	12.5
%RSD	.49524	.31616	.32886	1.1157	.53909

#1	2014.4	50749.	5086.1	91.755	2319.0
#2	2028.6	50976.	5109.8	90.318	2336.7

Sample Name: CCV07 Acquired: 8/15/2018 18:58:33 Type: Unk
Method: P4-ICP2(v2357) 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	5.1688	4.9729	5.0617	5.2758	5.1884	9.8801	10.326	24696
Stddev	.0281	.0285	.0250	.0252	.0152	.1003	.030	.00015
%RSD	.54347	.57293	.49309	.47816	.29222	1.0147	.28805	.06131
#1	5.1489	4.9528	5.0440	5.2580	5.1777	9.8092	10.347	24707
#2	5.1886	4.9931	5.0793	5.2937	5.1991	9.9510	10.305	24685
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4837	24.977	94831	2.5110	1.3172	5.1161	2.4768	25.682
Stddev	.0106	.036	.00213	.0093	.0041	.1339	.0003	.033
%RSD	.42612	.14403	.22440	.37172	.31015	2.6167	.01037	.12703
#1	2.4763	24.952	94982	2.5044	1.3143	5.2108	2.4766	25.705
#2	2.4912	25.002	94681	2.5176	1.3201	5.0214	2.4770	25.659
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5376	1.2256	25.006	2.4868	2.4981	25.734	5.2238	5.2290
Stddev	.0163	.0002	.167	.0009	.0820	.171	.0150	.0238
%RSD	.64067	.01660	.66890	.03589	3.2847	.66555	.28729	.45503
#1	2.5261	1.2257	25.124	2.4874	2.5561	25.613	5.2132	5.2121
#2	2.5491	1.2254	24.888	2.4861	2.4400	25.855	5.2344	5.2458
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0322	5.0846	5.0402	5.0955	5.0933	4.863	5.0780	4.7017
Stddev	.0234	.0197	.0304	.0302	.0380	.018	.0510	.0771
%RSD	.46513	.38740	.60274	.59276	.74556	.3799	1.0044	1.6409
#1	5.0157	5.0985	5.0187	5.0742	5.0664	4.850	5.0419	4.6472
#2	5.0488	5.0706	5.0617	5.1169	5.1201	4.877	5.1141	4.7563

Sample Name: CCV07 Acquired: 8/15/2018 18:58:33 Type: Unk
Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 3.2438
Stddev .2375
%RSD 2.8812

#1 8.4117
#2 8.0758

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2139.2	53985.	5207.2	91.781	2418.0
Stddev	11.2	85.	20.4	2.873	13.4
%RSD	.52221	.15717	.39179	3.1307	.55415

#1	2147.1	54045.	5192.8	89.749	2427.4
#2	2131.3	53925.	5221.6	93.813	2408.5

Sample Name: CCB07 Acquired: 8/15/2018 19:02:29 Type: Unk
Method: P4-ICP2(v2357) 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	.00021	.00073	.00030	F .00525	.00141	F .07346	F .05245	.00004
Stddev	.00562	.00085	.00110	.00213	.00009	.05791	.05230	.00010
%RSD	2703.0	115.90	369.98	40.594	6.6053	78.837	99.718	264.19

#1	.00377	.00134	.00107	.00676	-.00135	.11441	.08943	.00003
#2	-.00418	.00013	-.00048	.00374	-.00148	.03251	.01547	-.00011

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00025	.12346	.00052	.00020	.00026	F .03876	.00038	.14387
Stddev	.00001	.12476	.00010	.00002	.00040	.03389	.00029	.10590
%RSD	5.9706	101.05	18.384	9.3235	154.10	87.435	78.073	73.605

#1	.00024	.21168	.00059	.00018	-.00002	.06272	.00058	.21875
#2	.00026	.03524	.00045	.00021	.00054	.01480	.00017	.06899

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00056	.00073	.11871	.00001	.00013	.07577	.00068	F .03232
Stddev	.00028	.00016	.10397	.00062	.00001	.05941	.00006	.03107
%RSD	50.688	21.279	87.579	6318.9	10.813	78.413	8.7177	96.131

#1	.00036	.00062	.19223	.00043	-.00012	.11778	.00063	.05429
#2	.00076	.00084	.04520	-.00045	-.00014	.03376	.00072	.01035

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00178	.00866	.00146	F .03032	F .02502	.0002	F .02728	F .1.9543
Stddev	.00014	.00139	.00013	.02506	.02147	.0030	.02533	.1962
%RSD	7.7418	16.054	8.7843	82.633	85.800	1424.	92.853	10.039

#1	-.00169	.00768	.00137	.04804	.04020	.0023	.04520	1.8155
#2	-.00188	.00964	.00155	.01260	.00984	-.0019	.00937	2.0930

Sample Name: CCB07 Acquired: 8/15/2018 19:02:29 Type: Unk
 Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F.48103
 Stddev 3.2684
 %RSD 679.45

#1 2.7921
 #2 -1.8301

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2232.9	56786.	5227.8	95.245	2779.0
Stddev	1.8	57.	22.2	.283	1.4
%RSD	.07841	.10122	.42397	.29696	.05087

#1	2234.1	56745.	5243.5	95.445	2780.0
#2	2231.7	56826.	5212.2	95.045	2778.0

Sample Name: J4471-20 Acquired: 8/15/2018 19:06:35 Type: Unk
Method: P4-ICP2(v2357) 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	.00181	.00345	.00038	.00827	.00115	.16307	.09346	.00000
Stddev	.00233	.00030	.00063	.00069	.00107	.00274	.00097	.00004
%RSD	128.87	8.6596	167.62	8.3033	93.017	1.6813	1.0412	1437.3

#1	.00345	.00324	.00007	.00875	-.00039	.16501	.09277	-.00003
#2	-.00016	-.00366	-.00082	.00778	-.00191	.16113	.09414	.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	25.973	.00087	.00007	.00432	.14066	.11923	1.8971
Stddev	.00002	.152	.00033	.00033	.00021	.00494	.00056	.0279
%RSD	13.075	.58529	38.383	464.43	4.8733	3.5135	.46697	1.4678

#1	.00013	25.866	.00111	.00031	.00446	.13717	.11884	1.8774
#2	.00011	26.081	.00064	-.00016	.00417	.14416	.11963	1.9167

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00088	.00067	269.78	.00015	.01563	.39591	.00014	.01502
Stddev	.00046	.00025	4.16	.00012	.00002	.01223	.00008	.00231
%RSD	51.759	37.028	1.5410	79.065	.10642	3.0892	55.288	15.368

#1	.00056	.00085	266.84	-.00024	.01564	.38726	-.00008	.01338
#2	.00121	.00050	272.72	-.00007	.01561	.40456	-.00019	.01665

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06282	.59108	.00398	.00559	.00915	.0096	.04630	5.6586
Stddev	.00127	.00915	.00174	.00222	.00017	.0009	.00030	.6532
%RSD	2.0166	1.5474	43.639	39.783	1.8470	8.936	.64395	11.544

#1	.06192	.58462	.00276	.00716	.00903	.0102	.04609	6.1204
#2	.06371	.59755	.00521	.00402	.00927	.0090	.04651	5.1967

Sample Name: J4471-20 Acquired: 8/15/2018 19:06:35 Type: Unk
 Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	14.599
Stddev	3.847
%RSD	26.349

#1	11.879
#2	17.320

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.6	50517.	5136.0	90.039	2318.9
Stddev	5.5	.	4.8	.620	3.2
%RSD	.27488	.00043	.09368	.68895	.13617

#1	2020.5	50517.	5139.4	90.477	2321.1
#2	2012.7	50517.	5132.6	89.600	2316.7

Sample Name: J4471-24 Acquired: 8/15/2018 19:10:46 Type: Unk
Method: P4-ICP2(v2357) 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	.00069	.00436	.00062	.01308	.00417	.07012	.14095	.00007
Stddev	.00083	.00085	.00146	.00417	.00053	.00322	.00035	.00004
%RSD	119.16	19.406	236.33	31.852	12.735	4.5907	.24545	56.400

#1	-.00128	-.00377	-.00042	.01603	-.00454	.06784	.14119	-.00004
#2	-.00011	-.00496	.00165	.01014	-.00379	.07239	.14071	-.00010

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	37.462	.00014	.00150	.00429	.00310	.58486	3.9591
Stddev	.00003	.002	.00059	.00021	.00026	.00548	.00026	.0006
%RSD	63.813	.00221	431.69	13.883	6.1704	176.90	.04438	.01395

#1	.00002	87.463	.00028	.00164	.00448	.00078	.58505	3.9587
#2	.00006	87.460	-.00055	.00135	.00410	-.00698	.58468	3.9595

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00388	.00024	320.91	.00045	.01555	.86303	.00012	.02041
Stddev	.00037	.00020	4.74	.00044	.00023	.03836	.00024	.00834
%RSD	9.6144	80.651	1.4777	98.934	1.4908	4.4445	204.62	40.852

#1	.00415	-.00038	317.56	-.00076	.01572	.83590	.00005	.02631
#2	.00362	-.00010	324.26	-.00013	.01539	.89015	-.00029	.01452

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34986	.38757	.00281	.00083	.01466	.0002	.30100	7.2235
Stddev	.00485	.00206	.00012	.00327	.00026	.0006	.00012	.3814
%RSD	1.3870	.53245	4.0979	395.37	1.8006	329.7	.04044	5.2796

#1	.35329	.38903	.00273	.00149	.01447	.0006	.30091	6.9538
#2	.34643	.38611	.00289	-.00314	.01485	-.0003	.30109	7.4931

Sample Name: J4471-24 Acquired: 8/15/2018 19:10:46 Type: Unk
 Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 13.967
 Stddev .552
 %RSD 3.9492

#1 14.357
 #2 13.577

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.1	49957.	5094.0	30.538	2257.4
Stddev	5.0	77.	24.5	.864	6.6
%RSD	.24966	.15512	.48190	.95469	.29451

#1	1986.5	49902.	5076.6	89.927	2252.7
#2	1993.6	50012.	5111.4	91.149	2262.1

Sample Name: J4471-27 Acquired: 8/15/2018 19:14:57 Type: Unk
Method: P4-ICP2(v2357) 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	.00419	.00488	.00290	.00949	.00185	.08780	.13750	.00005
Stddev	.00220	.00237	.00096	.00390	.00130	.00141	.00026	.00002
%RSD	52.481	48.607	33.156	41.084	70.307	1.6034	.19075	44.951

#1	-.00575	-.00320	.00222	.01225	-.00277	.08680	.13731	.00007
#2	-.00264	-.00656	.00358	.00673	-.00093	.08879	.13768	.00004

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	5.3831	.00046	.00720	.00437	.07156	1.0315	.79439
Stddev	.00022	.3496	.00026	.00014	.00001	.01377	.0016	.00843
%RSD	179.23	6.4944	56.266	2.0018	.33116	19.244	.15939	1.0613

#1	-.00003	5.6303	-.00028	.00730	.00436	.08130	1.0327	.78843
#2	.00027	5.1359	-.00065	.00709	.00438	.06182	1.0304	.80036

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00221	.00070	.272.99	.00020	.03326	.58152	.00005	.01625
Stddev	.00037	.00039	4.73	.00023	.00041	.00471	.00009	.00042
%RSD	16.707	55.723	1.7326	115.30	1.2293	.80996	176.09	2.6053

#1	.00248	.00042	269.64	-.00004	.03297	.57819	-.00001	.01595
#2	.00195	.00098	276.33	-.00037	.03355	.58485	.00011	.01655

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.14402	.29510	.00277	.00151	.01266	.0019	.02004	4.6176
Stddev	.00025	.00144	.00047	.00135	.00069	.0017	.00124	.0441
%RSD	.17028	.48958	17.004	89.411	5.4668	92.19	6.1995	.95475

#1	.14420	.29612	.00310	.00246	.01217	.0006	.02092	4.5864
#2	.14385	.29407	.00243	.00055	.01315	.0031	.01916	4.6487

Sample Name: J4471-27 Acquired: 8/15/2018 19:14:57 Type: Unk
 Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	18.155
Stddev	1.231
%RSD	6.7812

#1	19.025
#2	17.284

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2023.1	50309.	5057.5	39.870	2324.9
Stddev	7.5	175.	4.0	.556	8.0
%RSD	.36971	.34746	.07810	.61872	.34358

#1	2017.8	50185.	5060.3	90.264	2319.3
#2	2028.4	50432.	5054.7	89.477	2330.5

Sample Name: CCV08 Acquired: 8/15/2018 19:19:07 Type: Unk
Method: P4-ICP2(v2357) 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	5.1523	4.9961	5.0776	5.2392	5.1727	9.9475	10.477	24799
Stddev	.0212	.0096	.0145	.0242	.0261	.0242	.022	.00036
%RSD	.41155	.19147	.28478	.46137	.50506	.24285	.20993	.14698
#1	5.1373	4.9894	5.0674	5.2221	5.1542	9.9305	10.461	24824
#2	5.1672	5.0029	5.0878	5.2563	5.1911	9.9646	10.492	24773
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4931	25.316	95113	2.5163	1.3147	5.2536	2.5009	26.013
Stddev	.0065	.124	.00077	.0044	.0029	.1613	.0040	.205
%RSD	.26219	.49050	.08132	.17443	.22350	3.0706	.16171	.78874
#1	2.4885	25.229	95167	2.5132	1.3126	5.3677	2.5038	25.867
#2	2.4977	25.404	95058	2.5194	1.3167	5.1396	2.4981	26.158
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5442	1.2241	25.690	2.5002	2.5733	26.109	5.2159	5.2855
Stddev	.0044	.0016	.862	.0018	.1046	.073	.0205	.0157
%RSD	.17178	.13203	3.3548	.07015	4.0637	.28009	.39314	.29685
#1	2.5411	1.2252	26.299	2.5014	2.6472	26.160	5.2014	5.2744
#2	2.5473	1.2230	25.080	2.4990	2.4993	26.057	5.2304	5.2966
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0369	5.0814	5.0503	5.1246	5.1517	4.855	5.1401	F 4.4810
Stddev	.0090	.0011	.0106	.0373	.0033	.020	.0239	.2114
%RSD	.17863	.02229	.20994	.72746	.06394	.4026	.46490	4.7183
#1	5.0305	5.0806	5.0428	5.0982	5.1493	4.841	5.1232	4.6305
#2	5.0433	5.0823	5.0577	5.1510	5.1540	4.868	5.1570	4.3315

Sample Name: CCV08 Acquired: 8/15/2018 19:19:07 Type: Unk
Method: P4-ICP2(v2357) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F2.1391
Stddev	5.6835
%RSD	265.69

#1	-1.8797
#2	6.1579

Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2151.6	53671.	5135.1	39.546	2424.5
Stddev	7.9	62.	9.8	3.593	4.9
%RSD	.36637	.11630	.19041	4.0126	.20078

#1	2157.2	53627.	5142.0	87.005	2427.9
#2	2146.1	53715.	5128.1	92.087	2421.0

Sample Name: CCB08 Acquired: 8/15/2018 19:23:00 Type: Unk
Method: P4-ICP2(v2357) 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	.00249	.00004	.00007	.00448	.00147	F.03378	.02259
Stddev	.00085	.00056	.00035	.00107	.00072	.03124	.02349
%RSD	34.130	1444.5	469.95	23.885	48.881	92.454	104.00

#1	.00189	-.00044	-.00017	.00524	.00198	.05587	.03920
#2	.00309	.00036	.00032	.00372	.00096	.01170	.00598

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00013	.06903	.00058	.00022	.00046	.02000
Stddev	.00001	.00003	.06985	.00013	.00013	.00013	.03206
%RSD	124.09	25.632	101.18	21.953	59.379	28.926	160.32

#1	.00000	.00015	.11842	.00067	.00032	.00037	.04267
#2	.00002	.00010	.01964	.00049	.00013	.00056	-.00267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.03738	.00066	.00043	.13711	.00006	.00022
Stddev	.00015	.04173	.00005	.00038	.11233	.00032	.00001
%RSD	140.80	111.63	7.9190	87.065	81.926	564.82	4.5768

#1	.00021	.06689	.00069	.00070	.21654	.00017	-.00021
#2	.00000	.00788	.00062	.00017	.05768	-.00029	-.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.07263	.00031	F.02548	.00473	.00777	.00019	F.01393
Stddev	.04443	.00028	.01294	.00150	.00284	.00005	.01163
%RSD	61.177	91.134	50.805	31.714	36.541	26.573	83.506

#1	.10405	.00050	.03463	-.00579	.00978	.00016	.02215
#2	.04121	.00011	.01632	-.00367	.00577	.00023	.00570

Sample Name: CCB08 Acquired: 8/15/2018 19:23:00 Type: Unk
Method: P4-ICP2(v2357) 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.01323	.0010	.01213	F2.7763	F<00000
Stddev	.00963	.0003	.01182	.1007	4.2130
%RSD	72.776	30.75	97.469	3.6285	252.84
#1	.02004	-.0008	.02049	2.7051	-4.6453
#2	.00642	-.0012	.00377	2.8475	1.3127
Int. Std.	Y_ 2243	Y_ 3600	Y_ 3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2254.4	56775.	5215.5	95.416	2793.0
Stddev	4.1	65.	88.4	2.047	1.1
%RSD	.18334	.11454	1.6942	2.1458	.03820
#1	2257.3	56821.	5153.1	93.968	2793.8
#2	2251.5	56729.	5278.0	96.864	2792.3