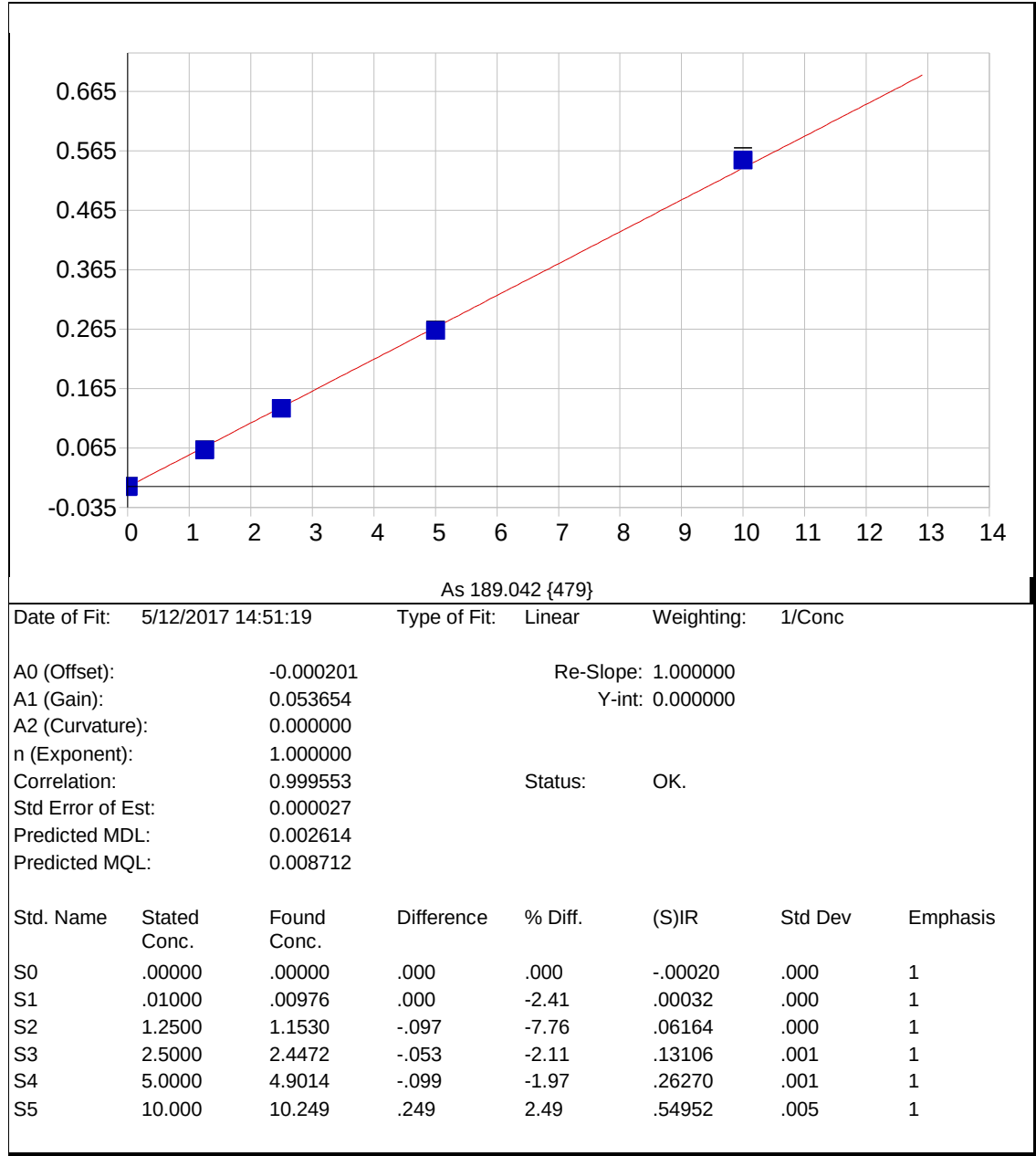
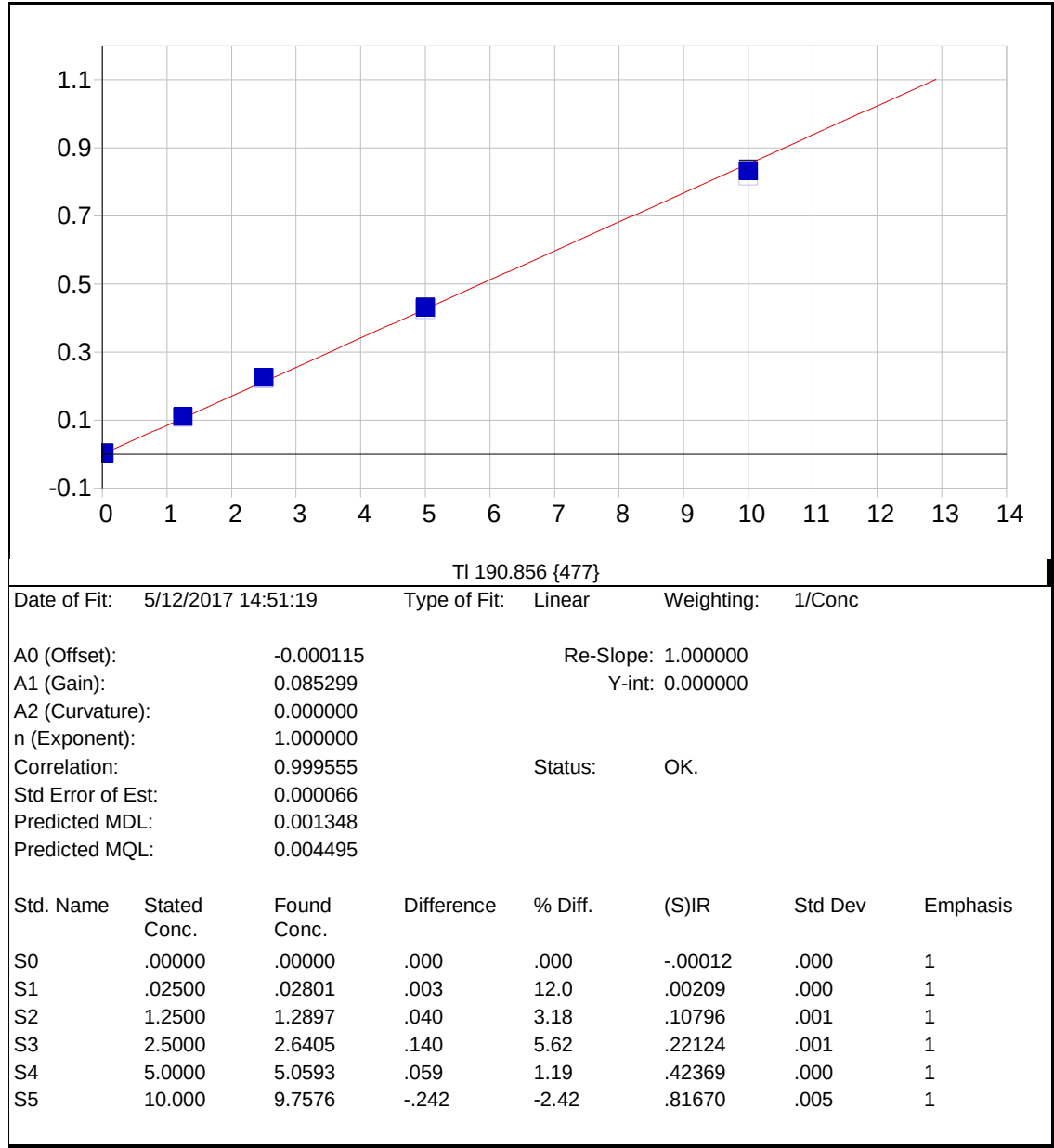
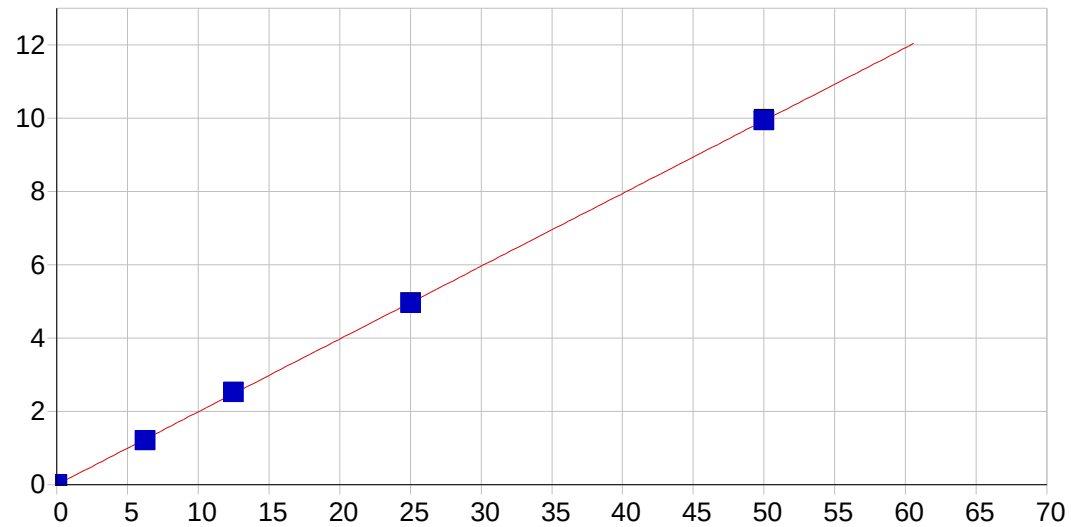






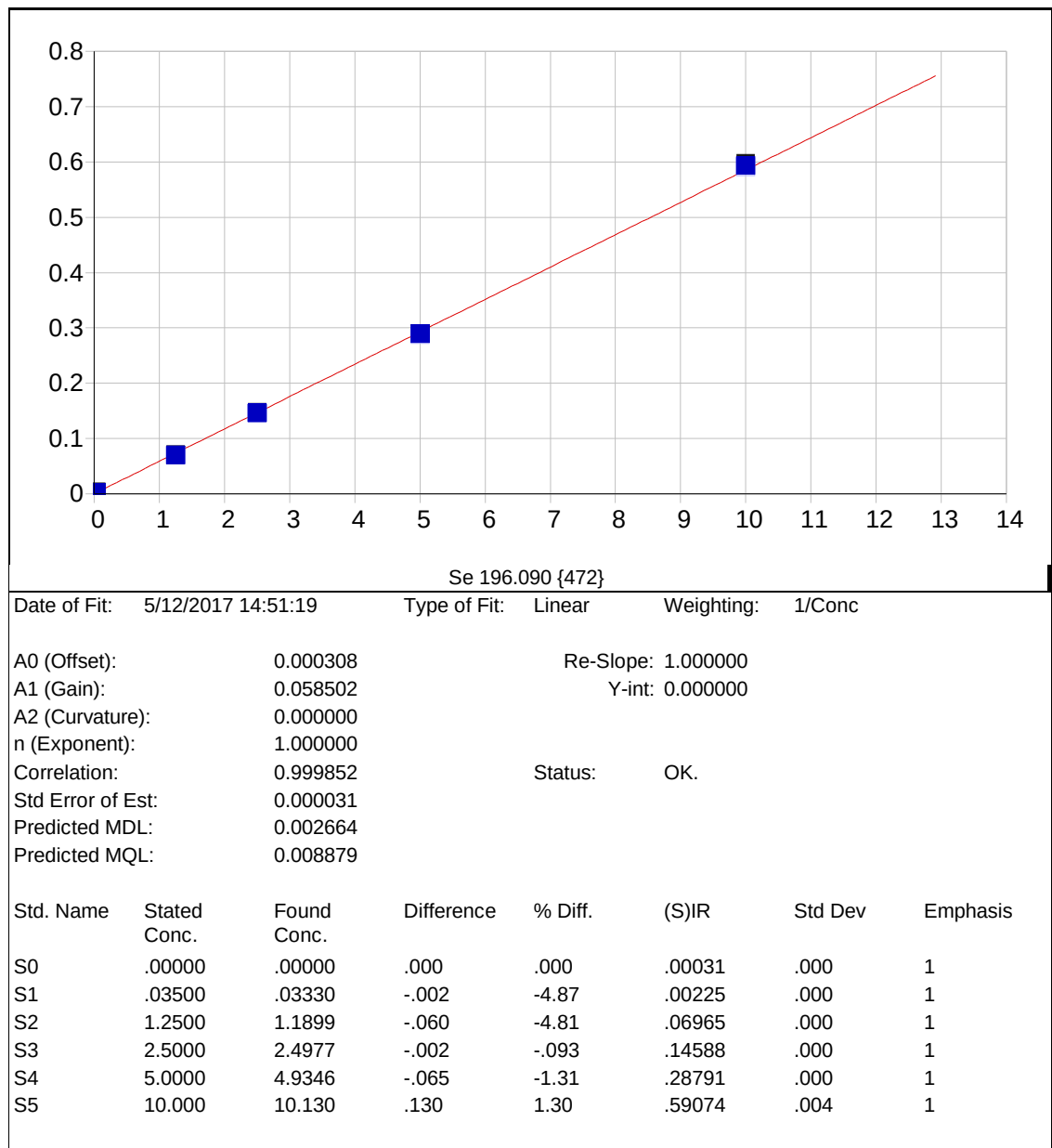


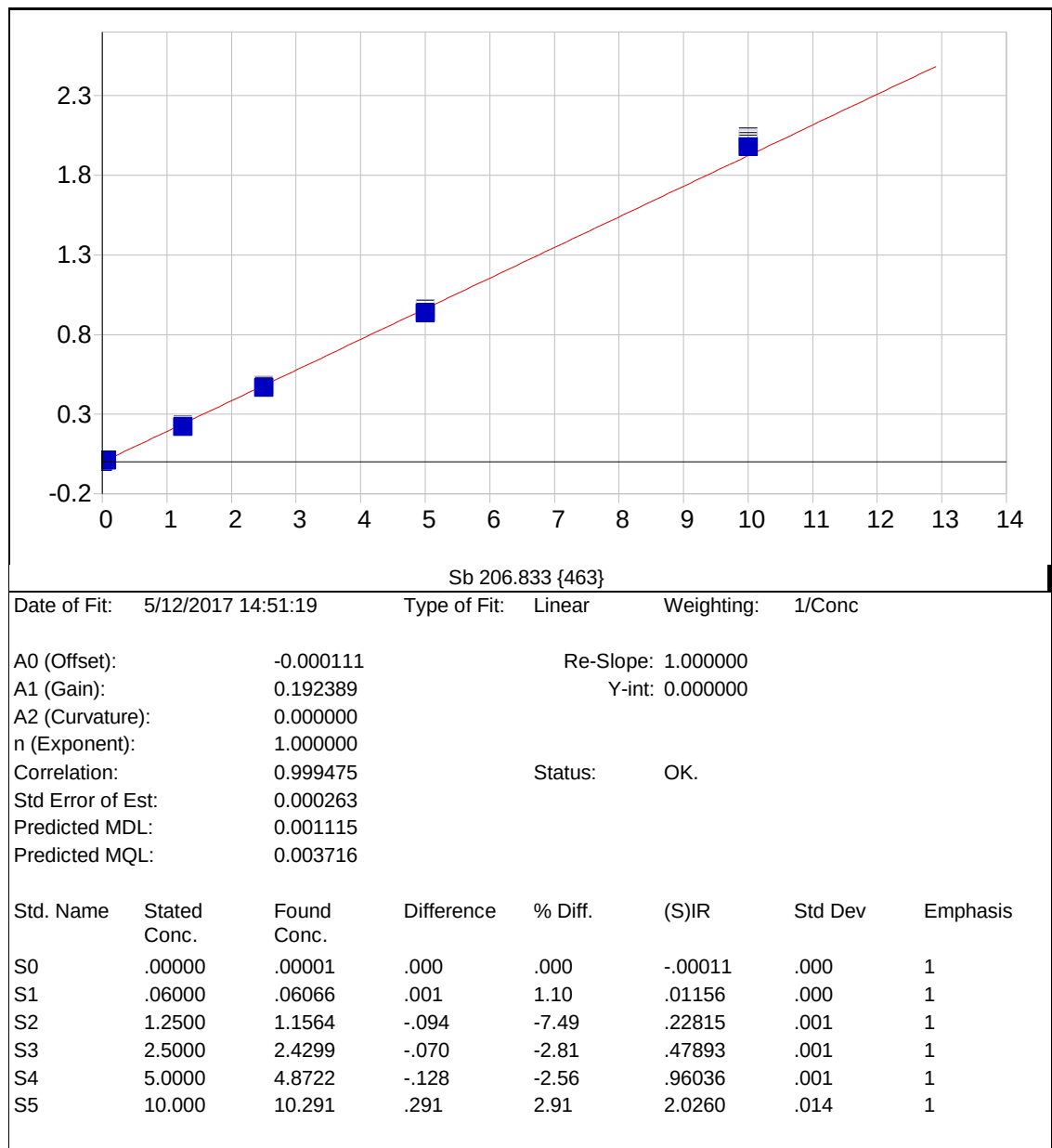
Pb 220.353 {453}

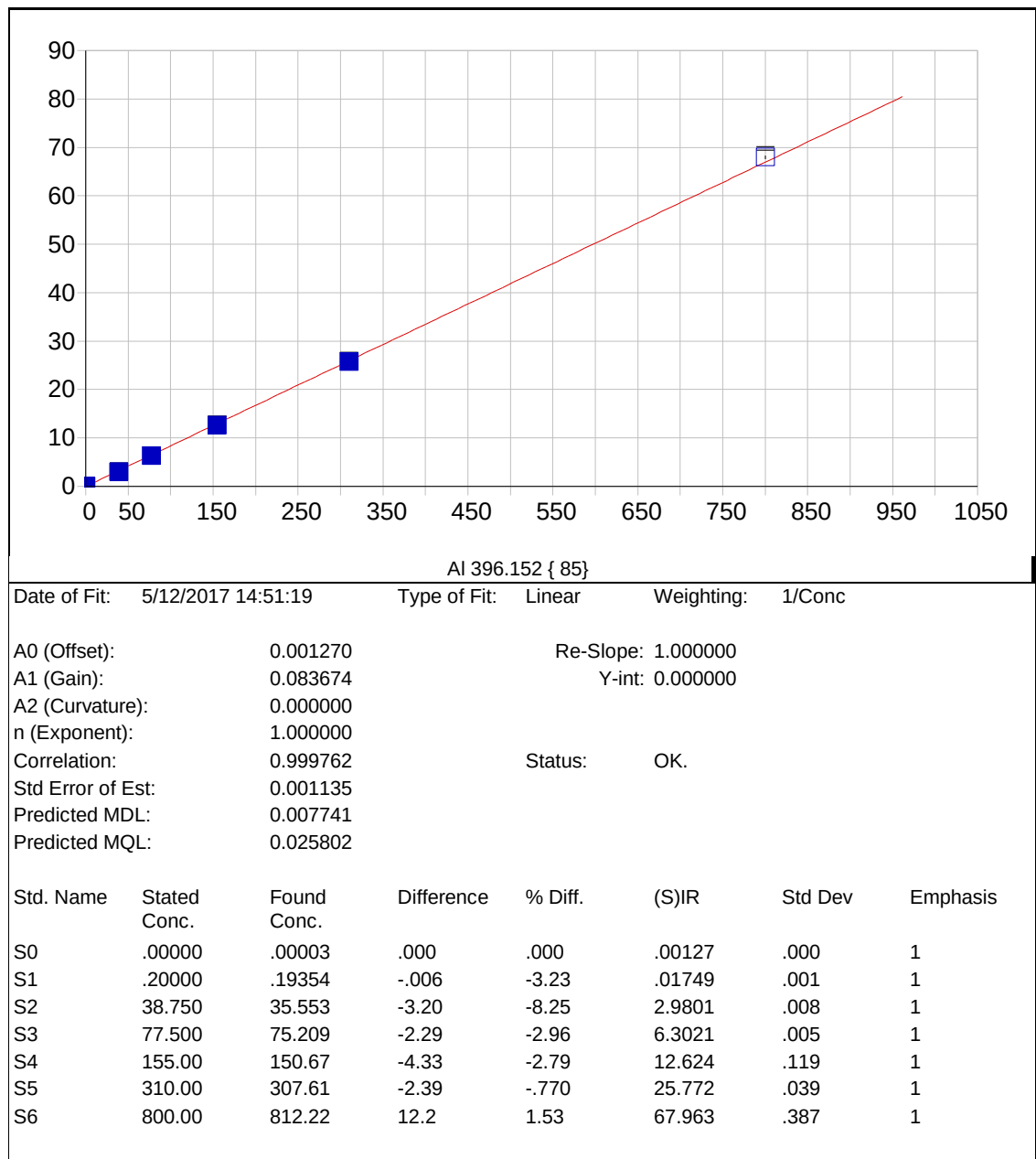
Date of Fit: 5/12/2017 14:51:19 Type of Fit: Linear Weighting: 1/Conc

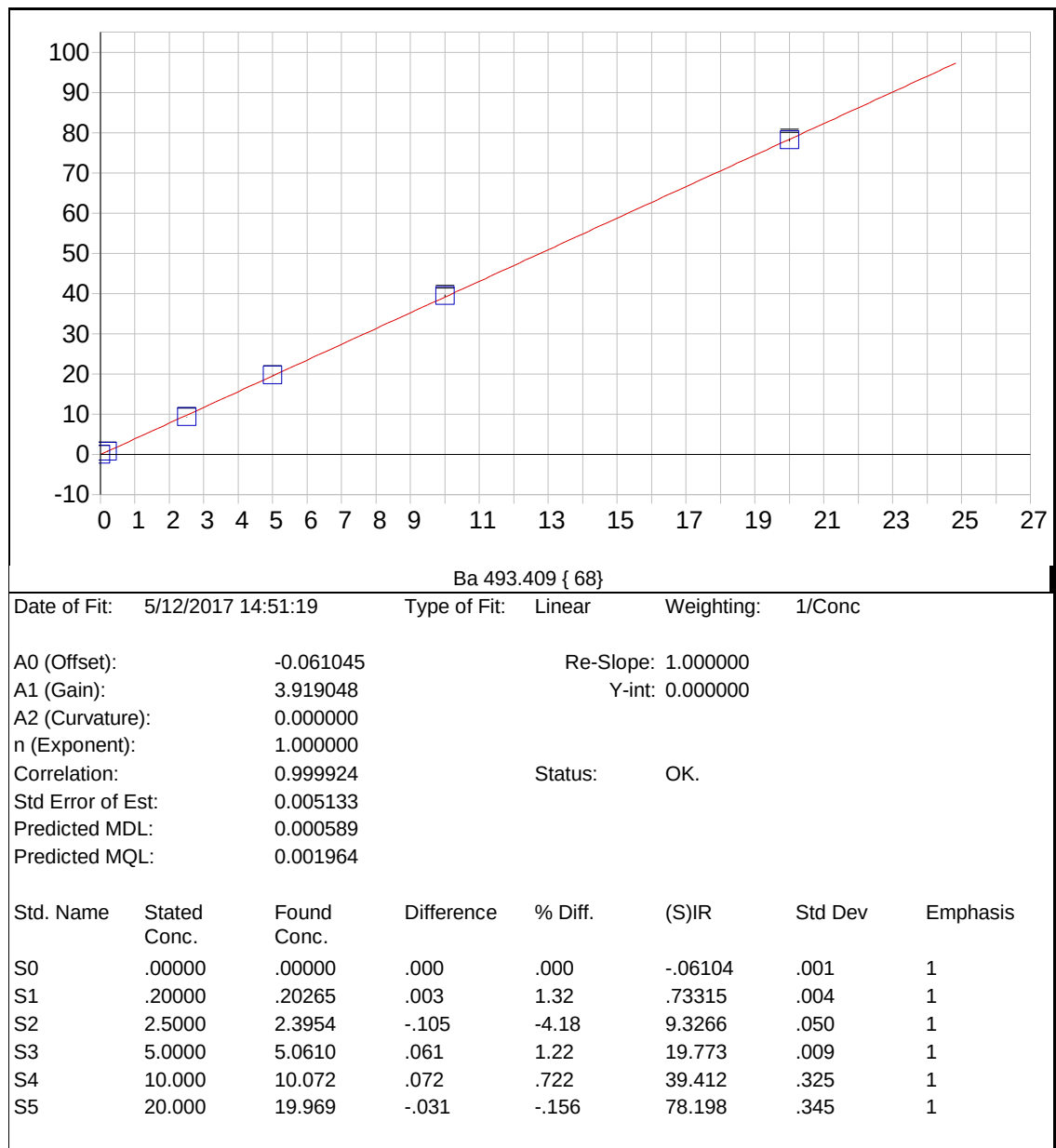
A0 (Offset): 0.000262 Re-Slope: 1.000000
 A1 (Gain): 0.198655 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999952 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.001212
 Predicted MQL: 0.004040

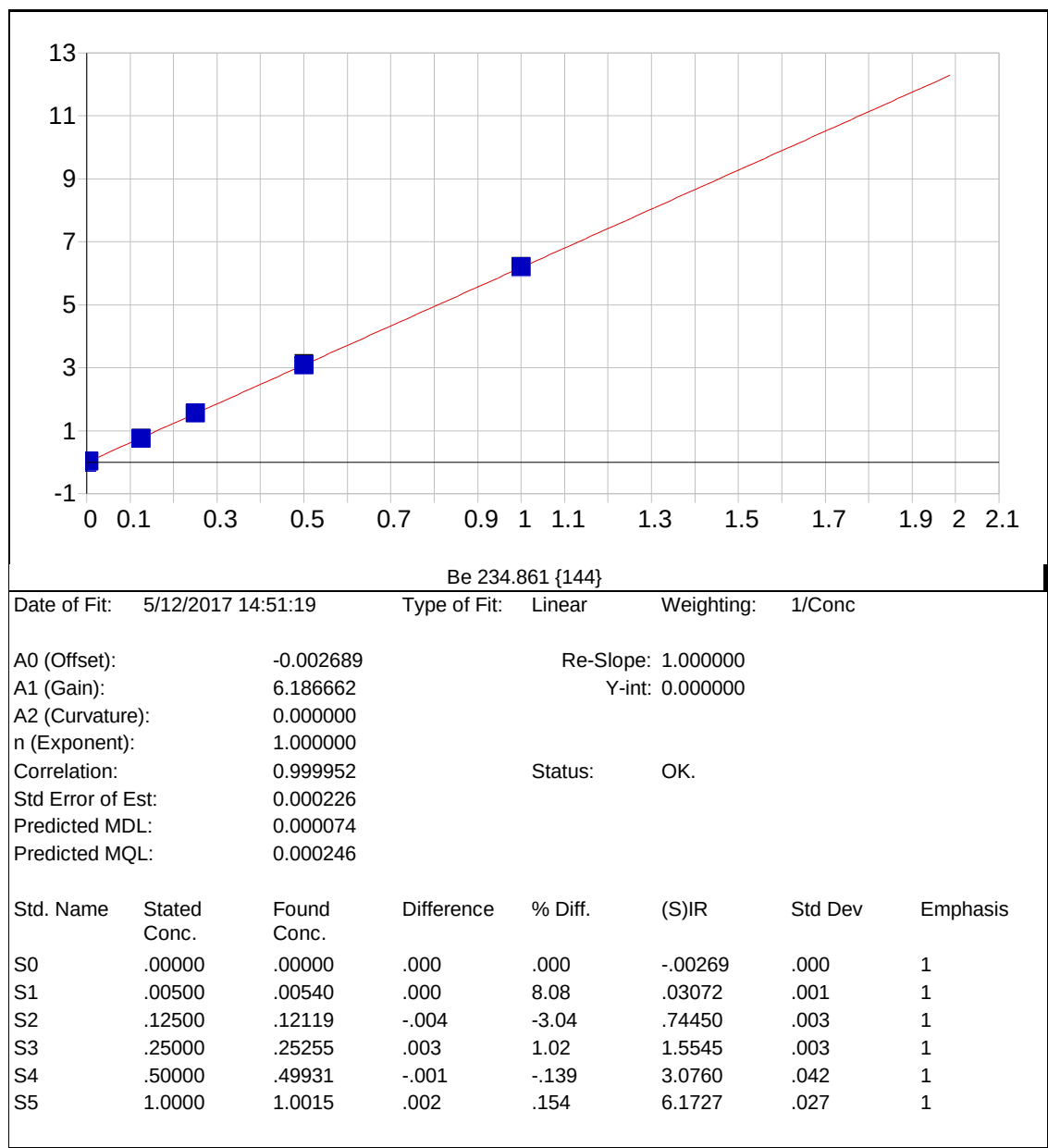
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00026	.000	1
S1	.01000	.01096	.001	9.64	.00244	.000	1
S2	6.2500	6.0616	-.188	-3.01	1.2048	.005	1
S3	12.500	12.701	.201	1.61	2.5241	.003	1
S4	25.000	24.968	-.032	-.126	4.9618	.014	1
S5	50.000	50.018	.018	.036	9.9395	.033	1

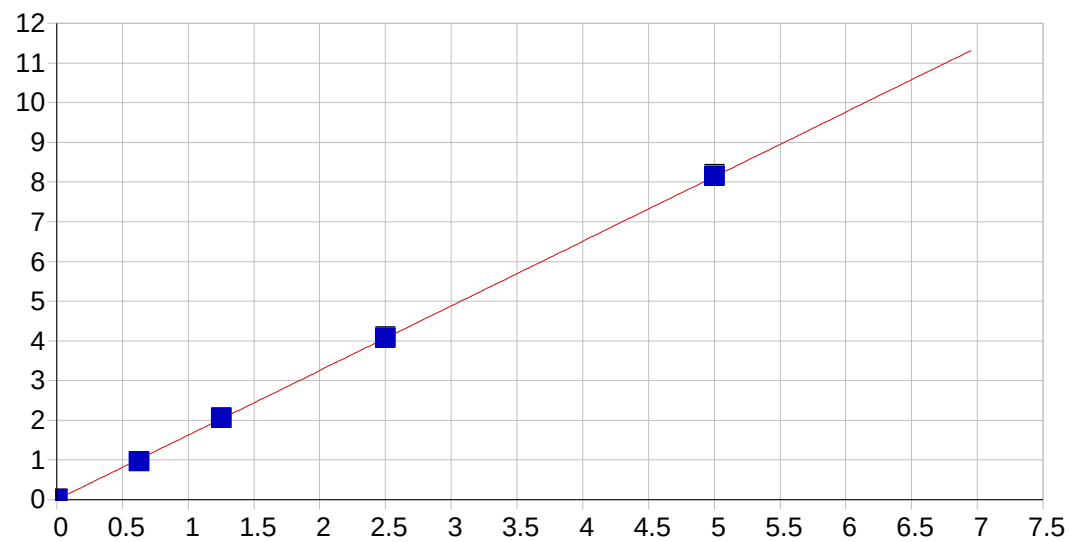










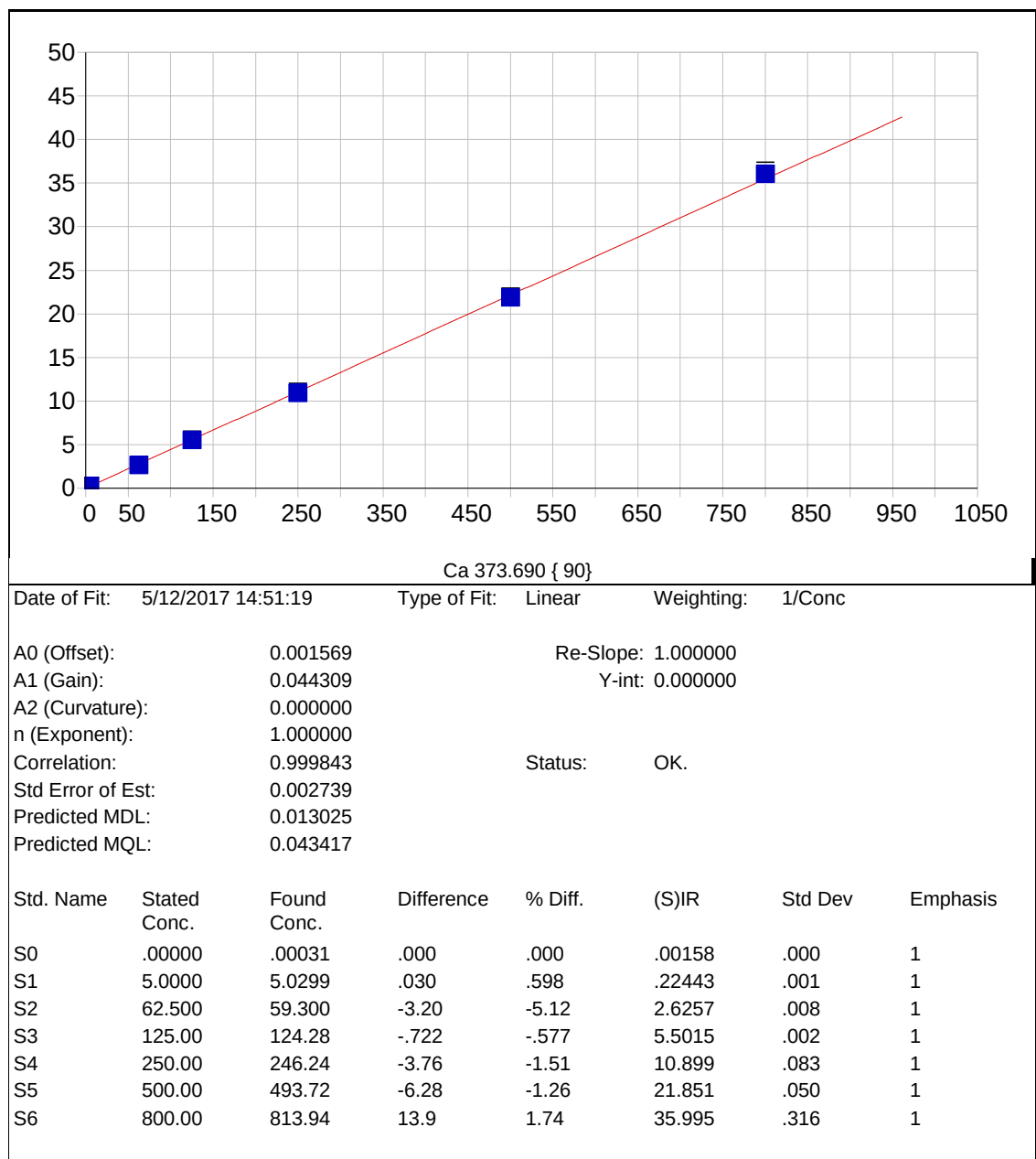


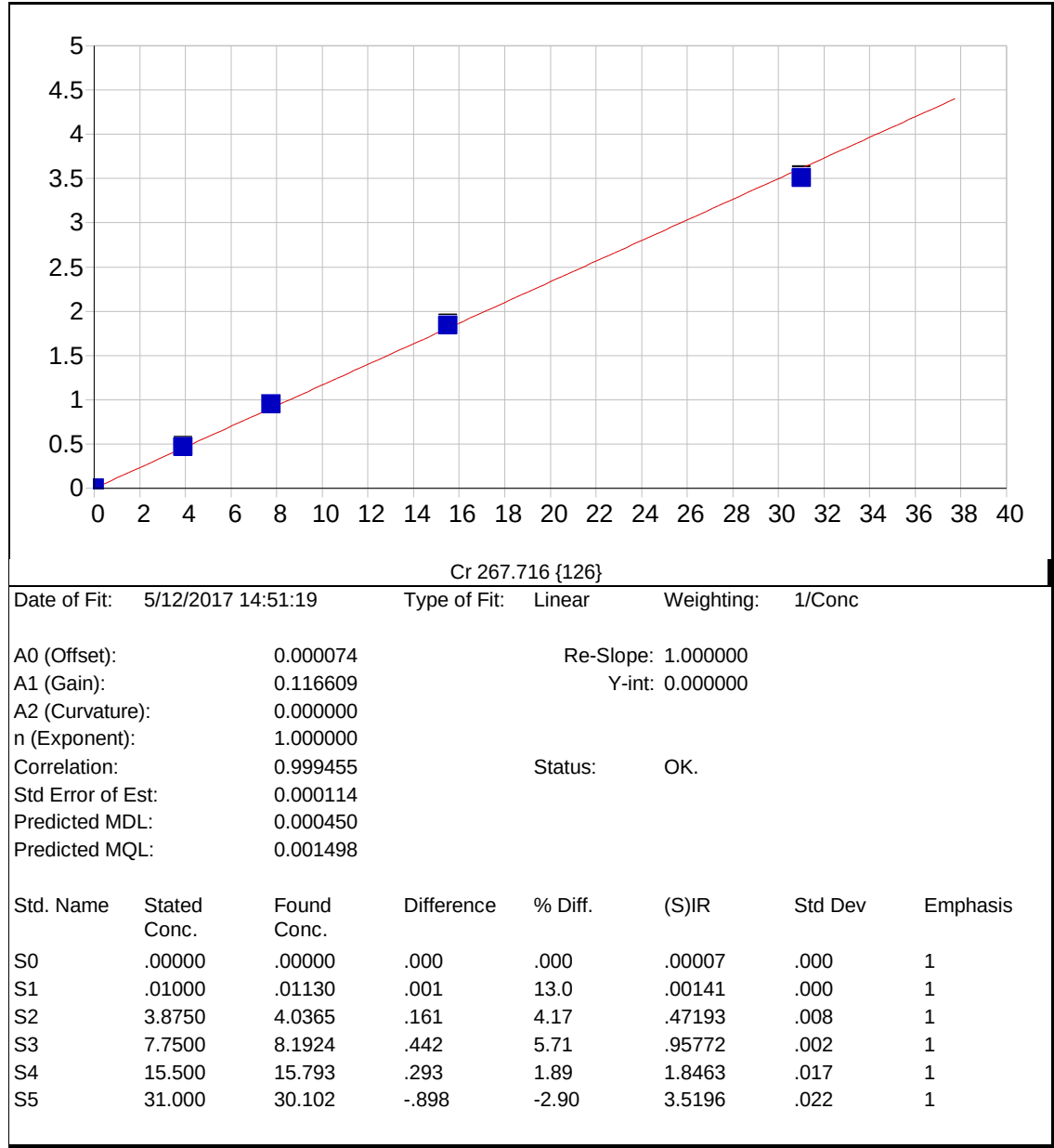
Cd 214.438 {457}

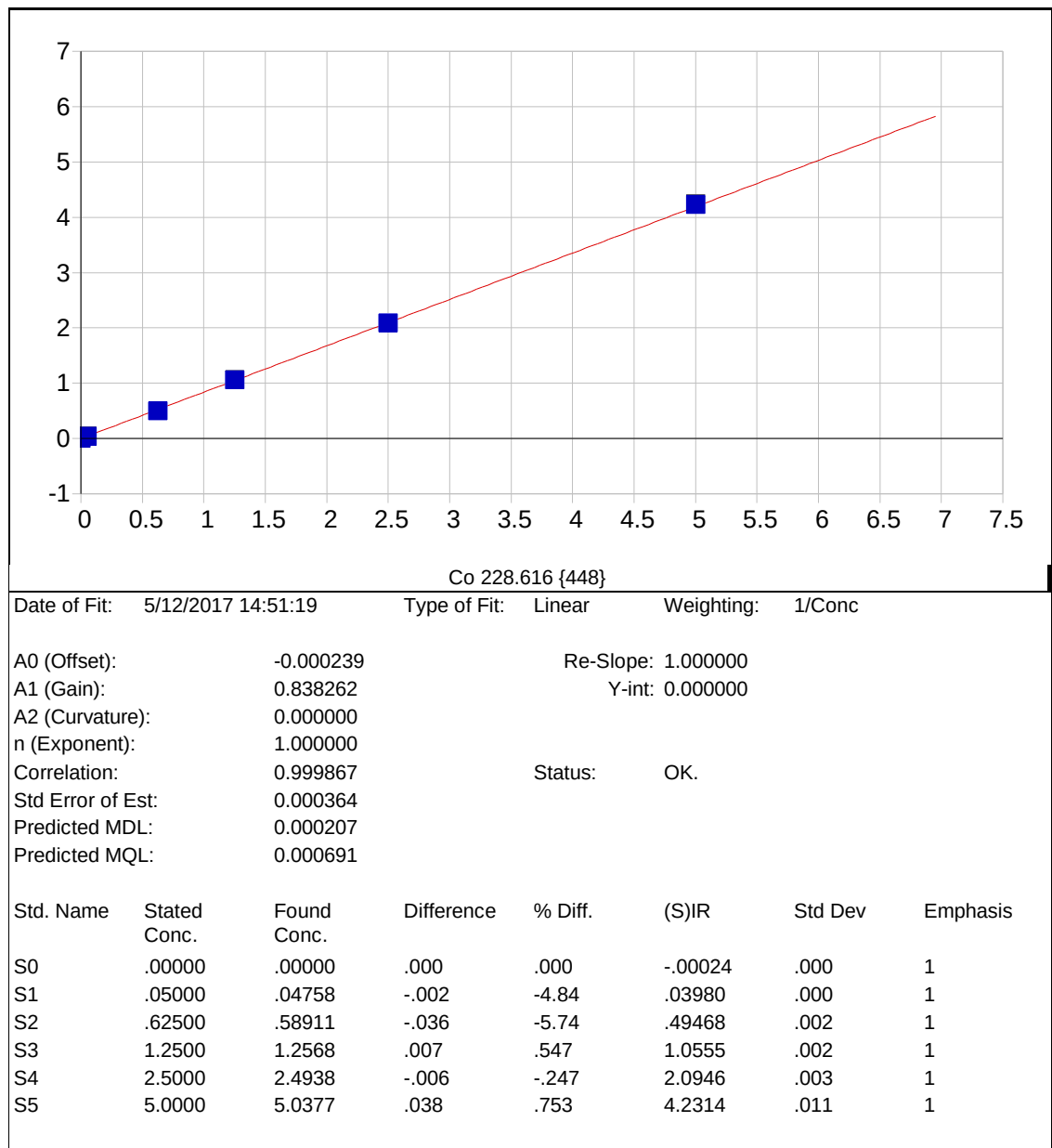
Date of Fit: 5/12/2017 14:51:19 Type of Fit: Linear Weighting: 1/Conc

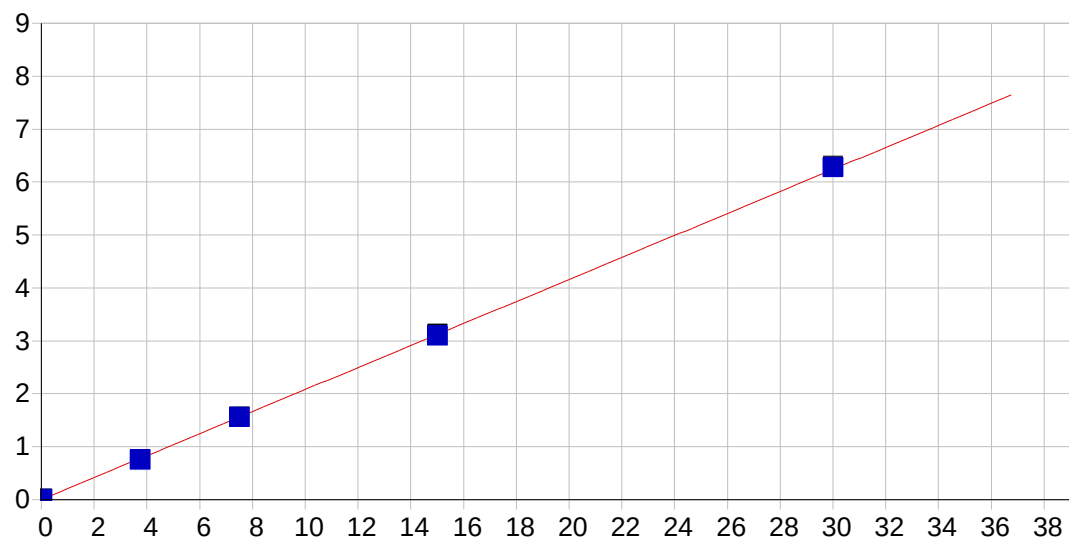
A0 (Offset): 0.000175 Re-Slope: 1.000000
 A1 (Gain): 1.627151 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: OK.
 Std Error of Est: 0.000188
 Predicted MDL: 0.000092
 Predicted MQL: 0.000306

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.00500	.00497	.000	-.659	.00826	.000	1
S2	.62500	.59319	-.032	-5.09	.96716	.004	1
S3	1.2500	1.2621	.012	.971	2.0574	.005	1
S4	2.5000	2.5047	.005	.188	4.0828	.016	1
S5	5.0000	5.0150	.015	.300	8.1746	.021	1







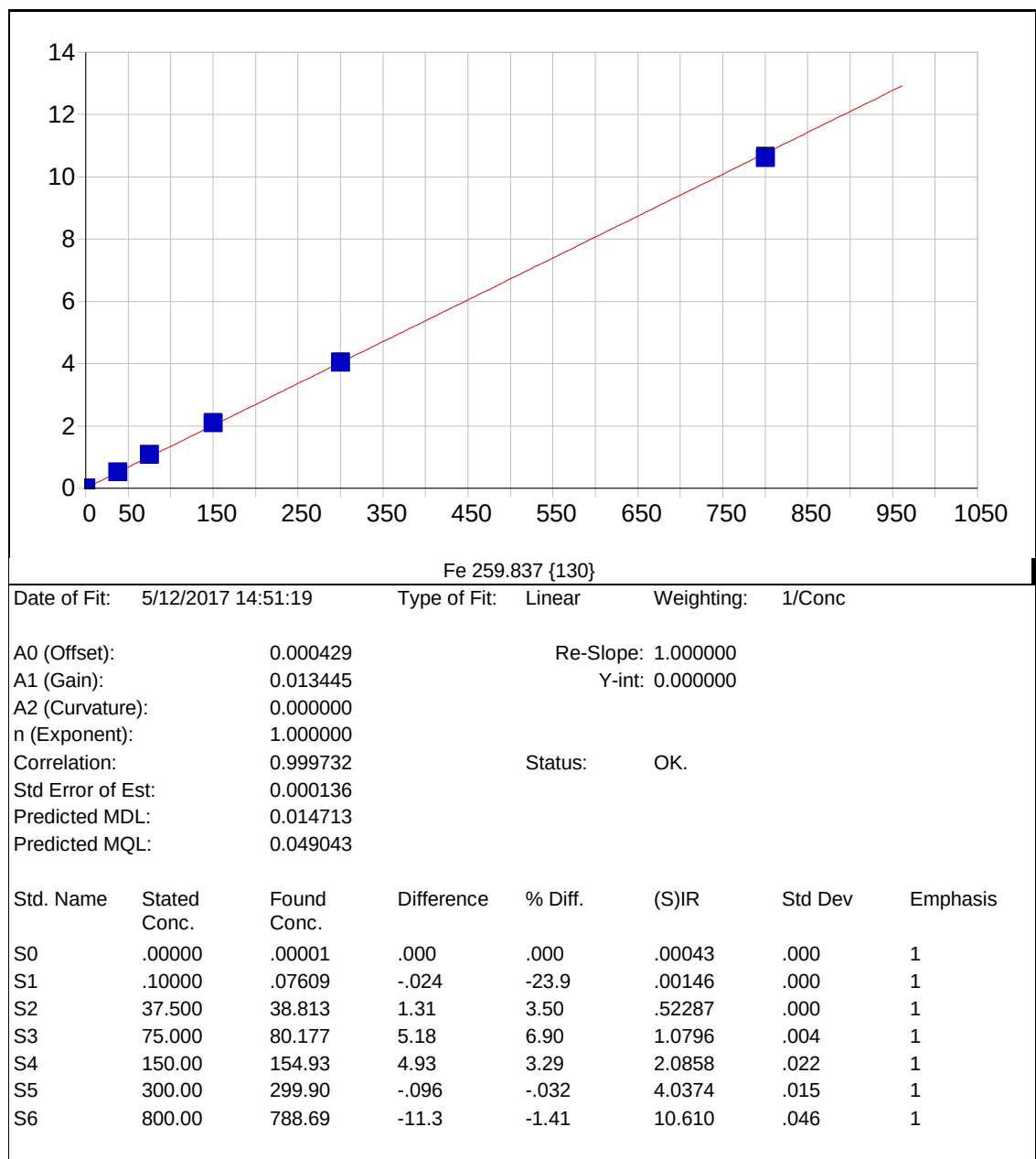


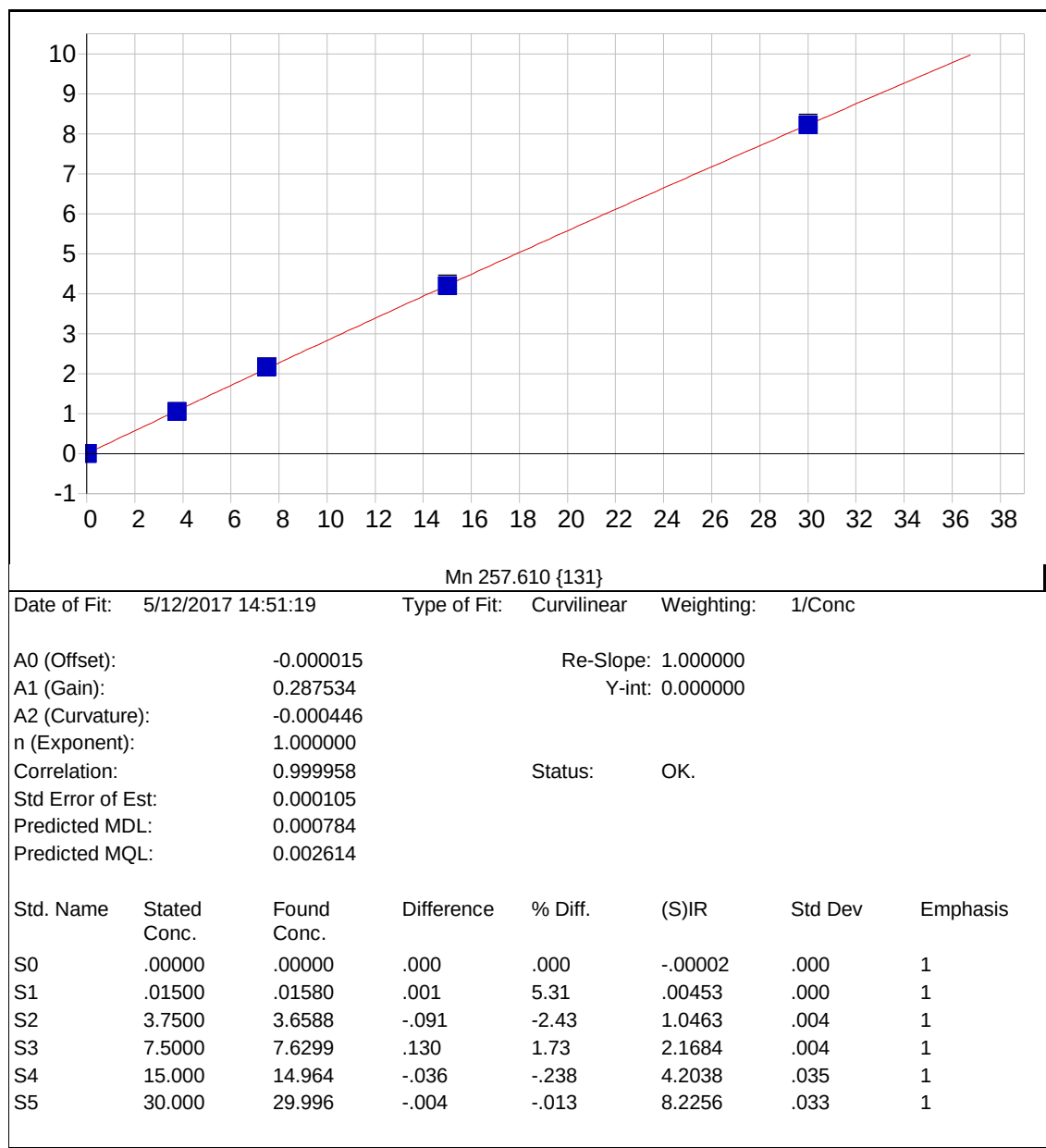
Cu 324.754 {104}

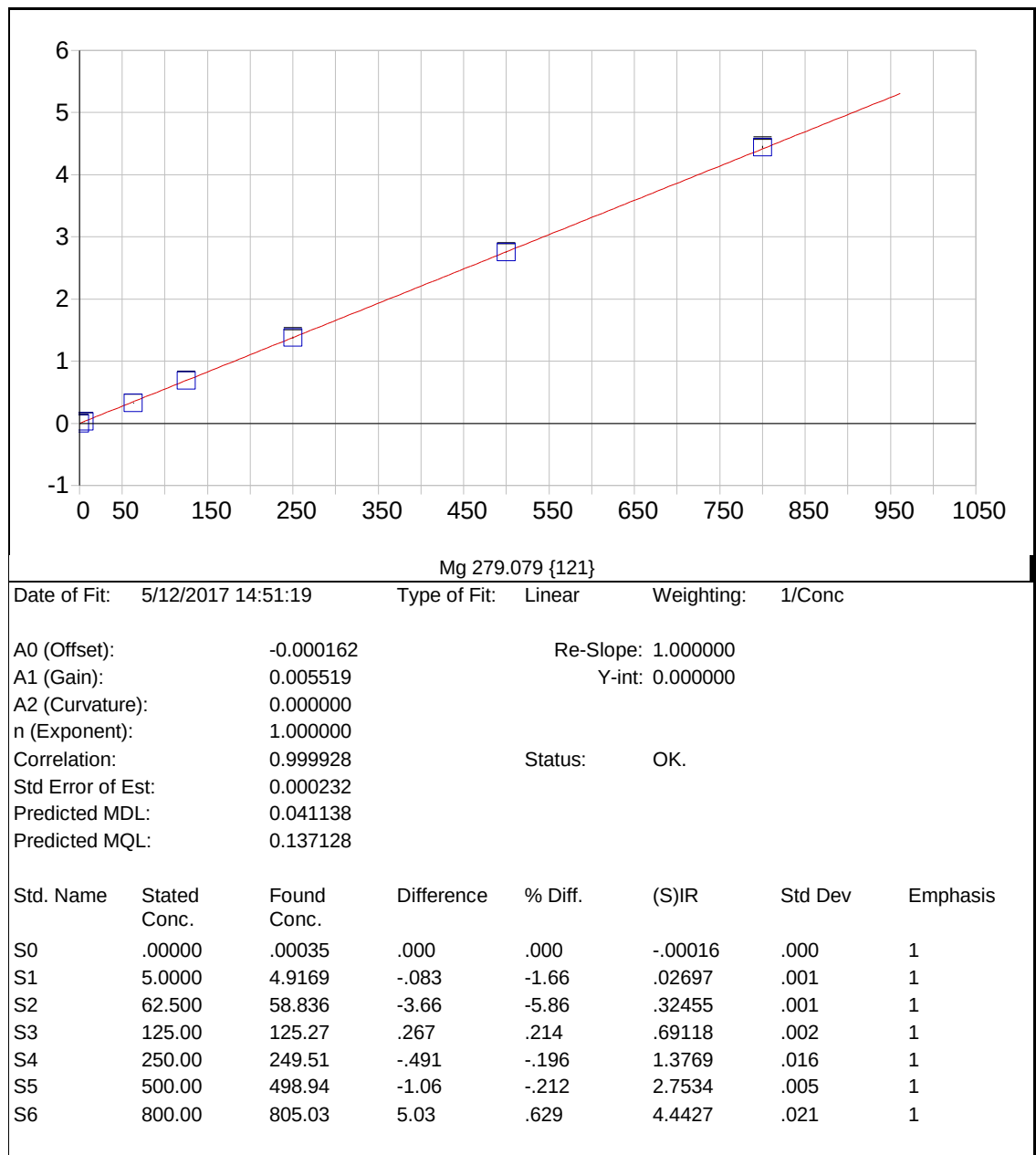
Date of Fit: 5/12/2017 14:51:19 Type of Fit: Linear Weighting: 1/Conc

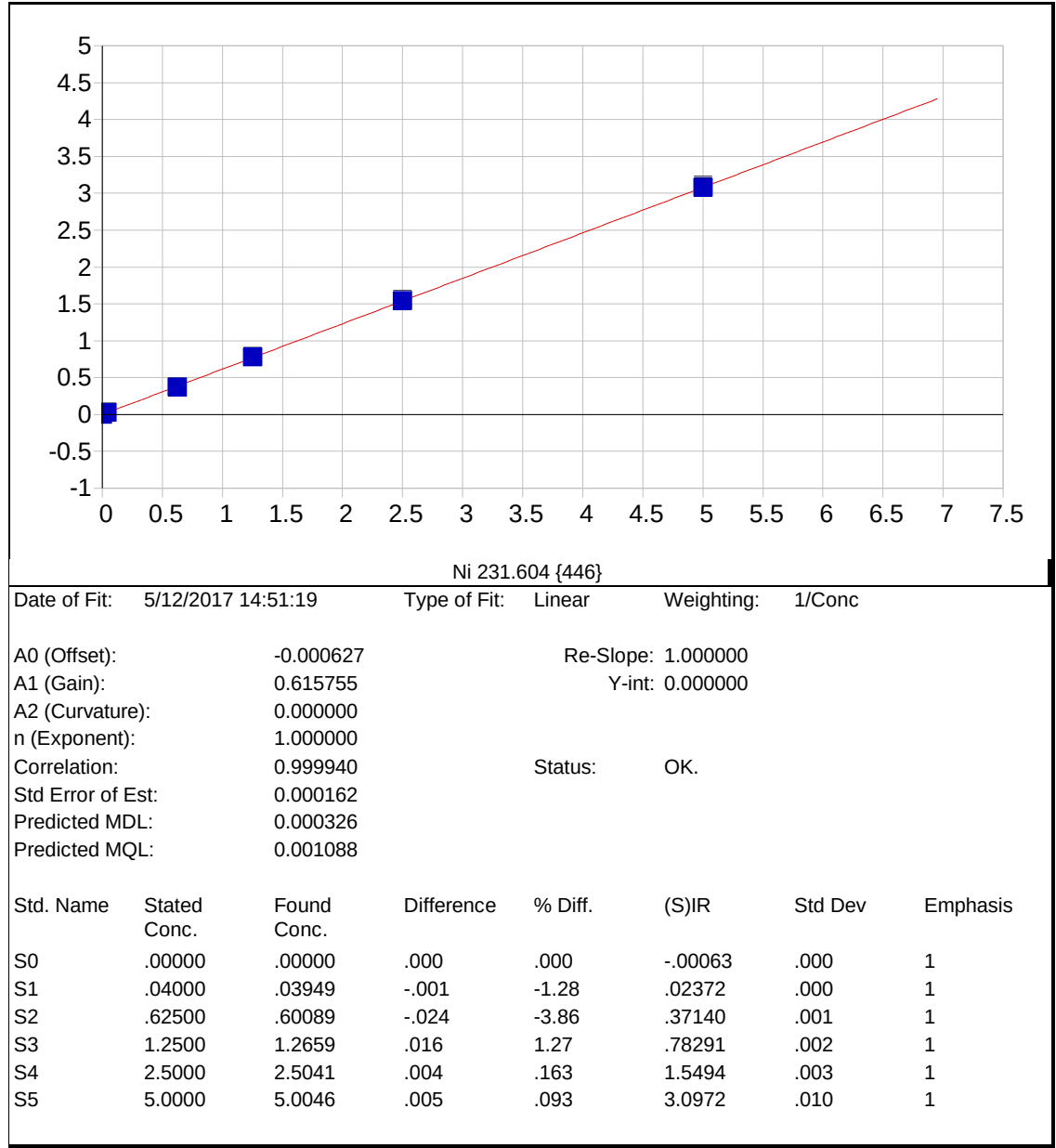
A0 (Offset): 0.000817 Re-Slope: 1.000000
 A1 (Gain): 0.207923 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999927 Status: OK.
 Std Error of Est: 0.000115
 Predicted MDL: 0.001918
 Predicted MQL: 0.006393

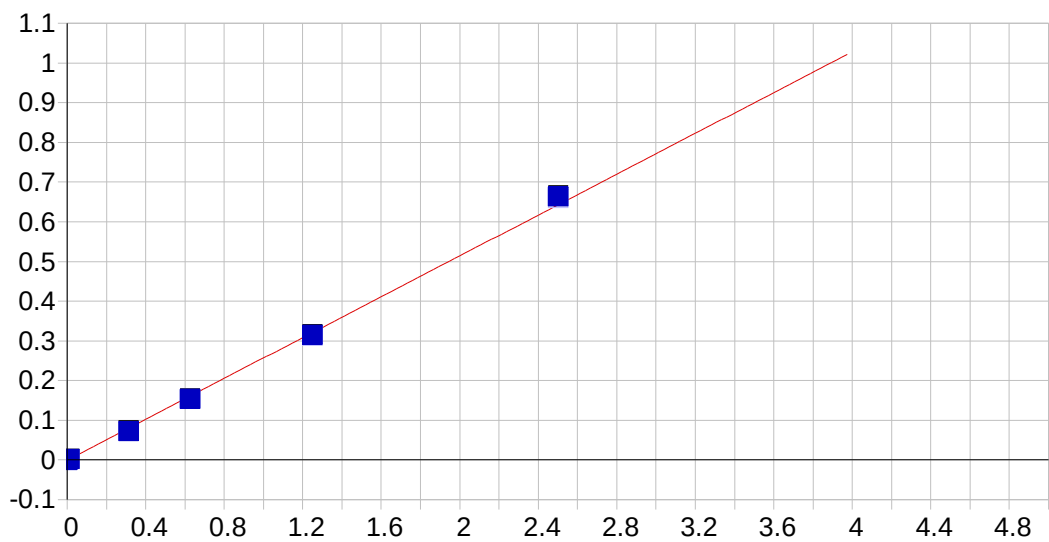
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00082	.000	1
S1	.02500	.02571	.001	2.83	.00613	.000	1
S2	3.7500	3.6021	-.148	-3.94	.74755	.003	1
S3	7.5000	7.4975	-.003	-.034	1.5553	.002	1
S4	15.000	14.916	-.084	-.557	3.0934	.025	1
S5	30.000	30.233	.233	.778	6.2692	.014	1









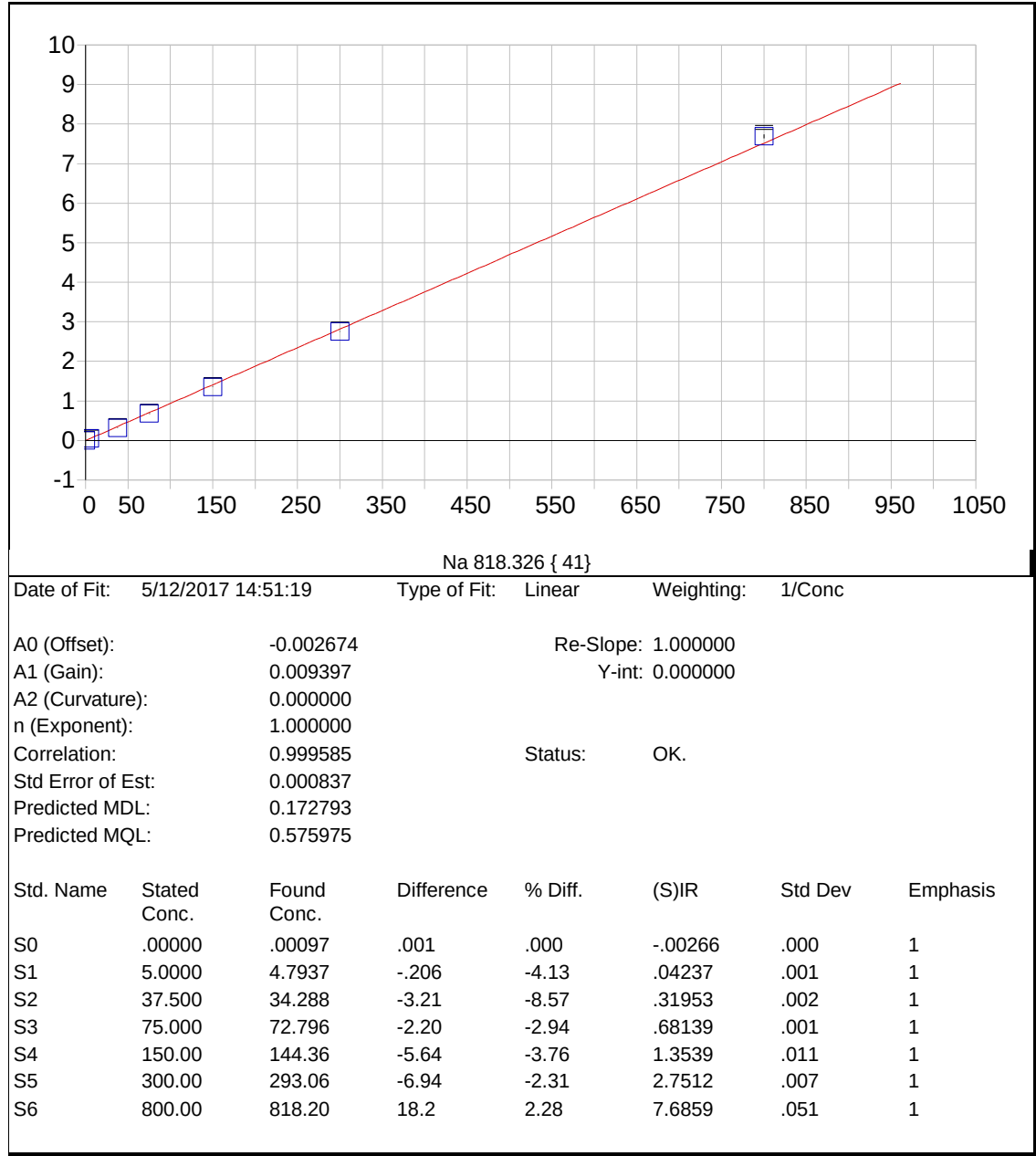


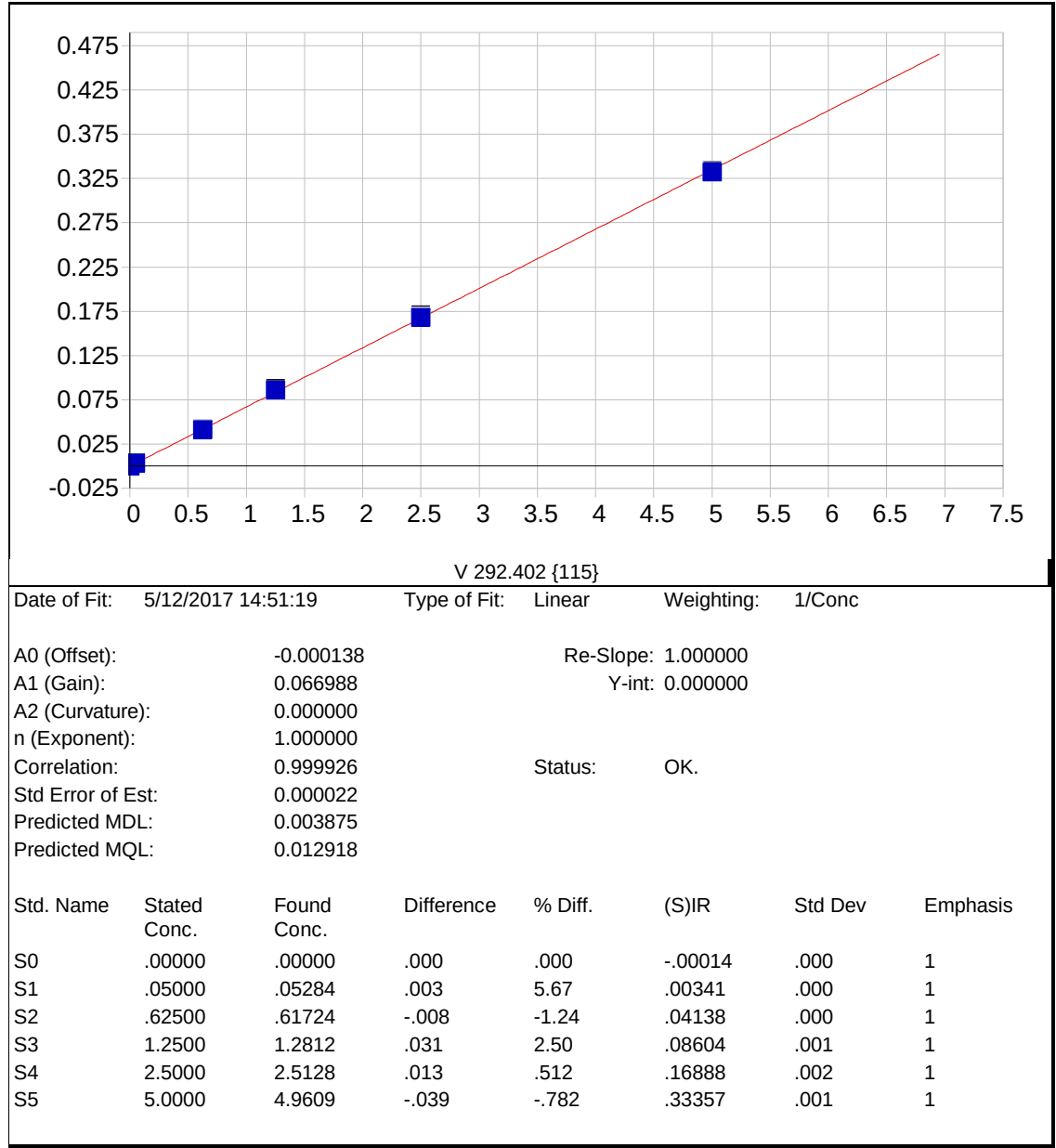
Ag 328.068 {103}

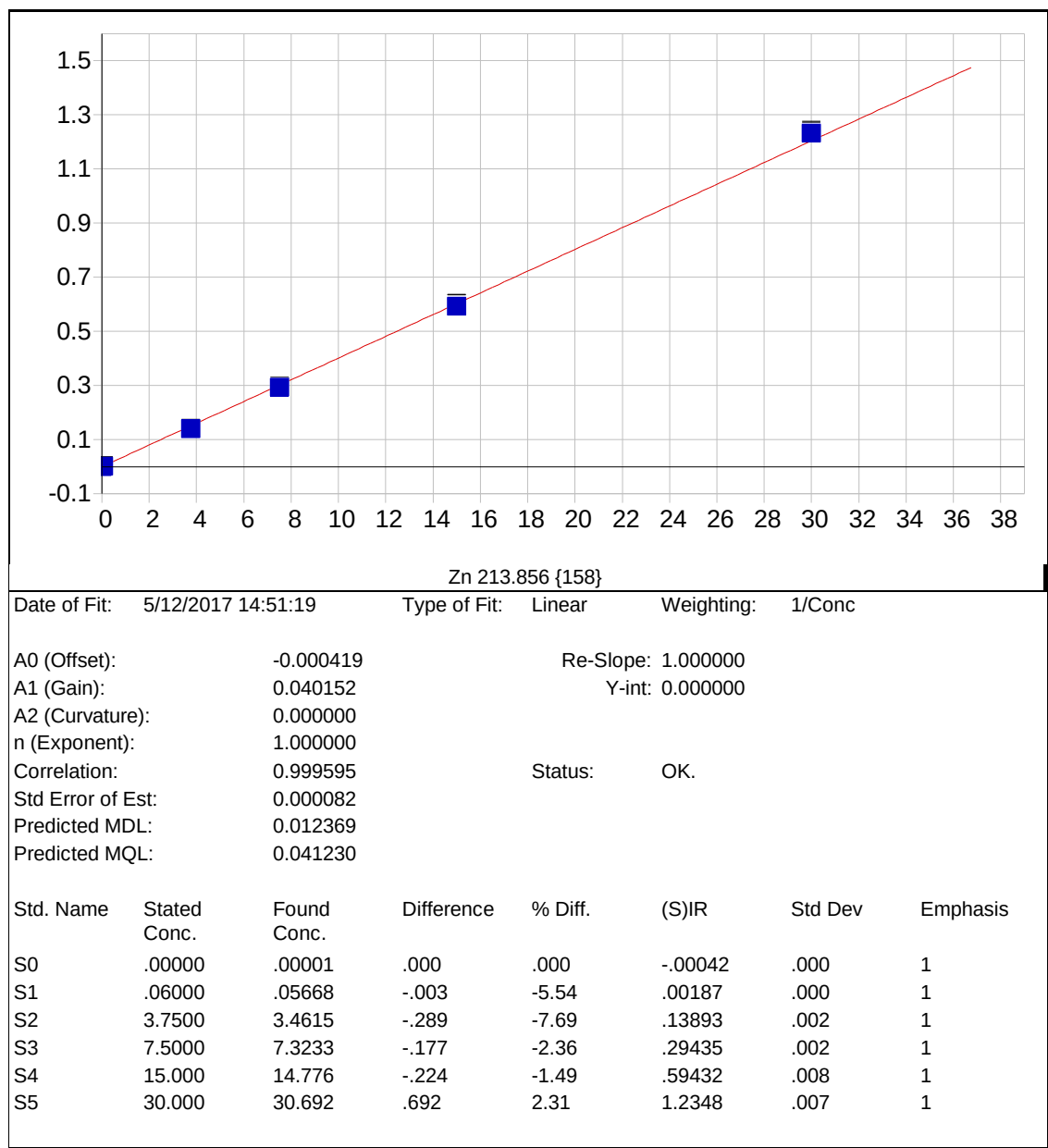
Date of Fit: 5/12/2017 14:51:19 Type of Fit: Linear Weighting: 1/Conc

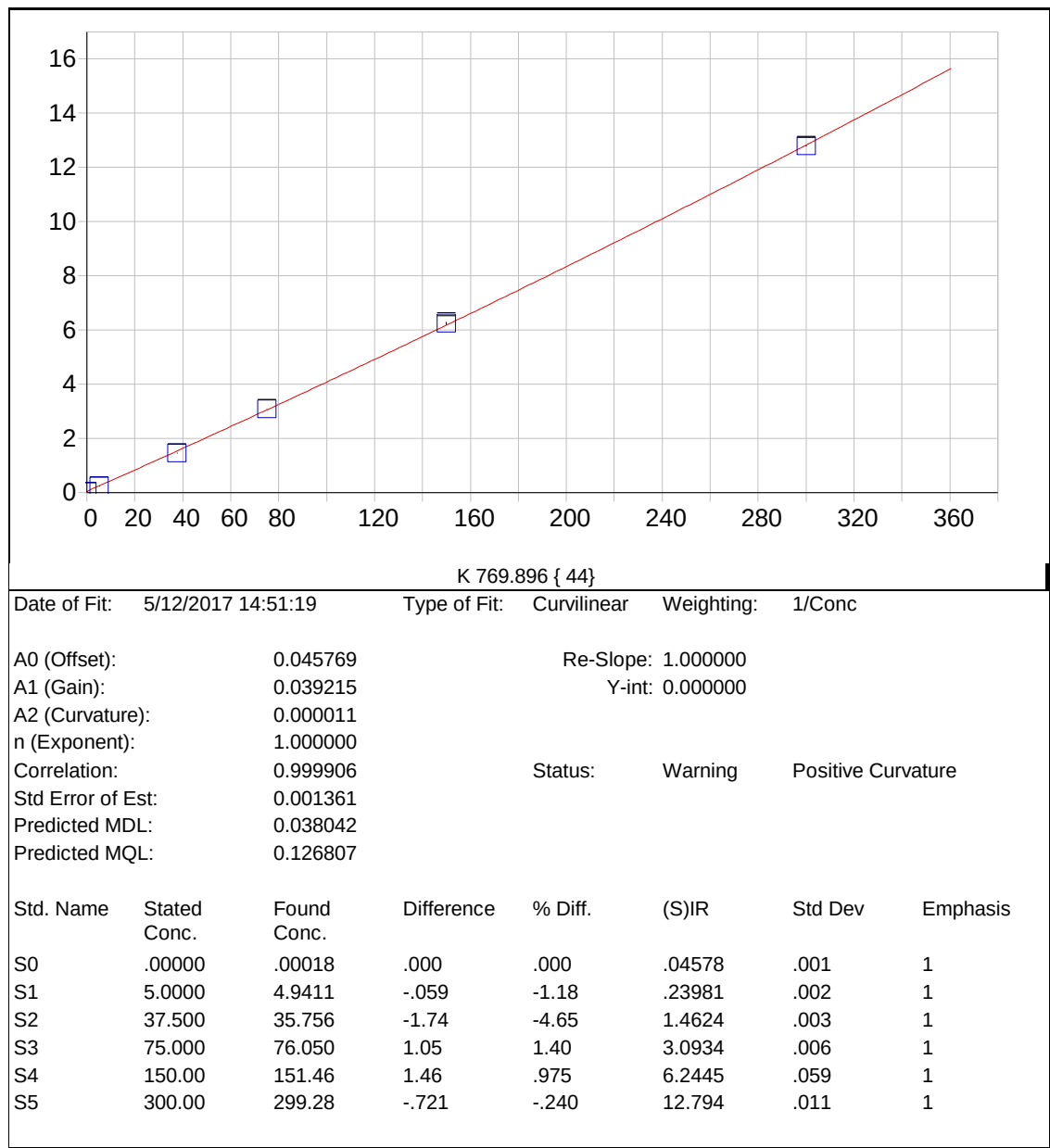
A0 (Offset): -0.000290 Re-Slope: 1.000000
 A1 (Gain): 0.257143 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999247 Status: OK.
 Std Error of Est: 0.000083
 Predicted MDL: 0.000321
 Predicted MQL: 0.001069

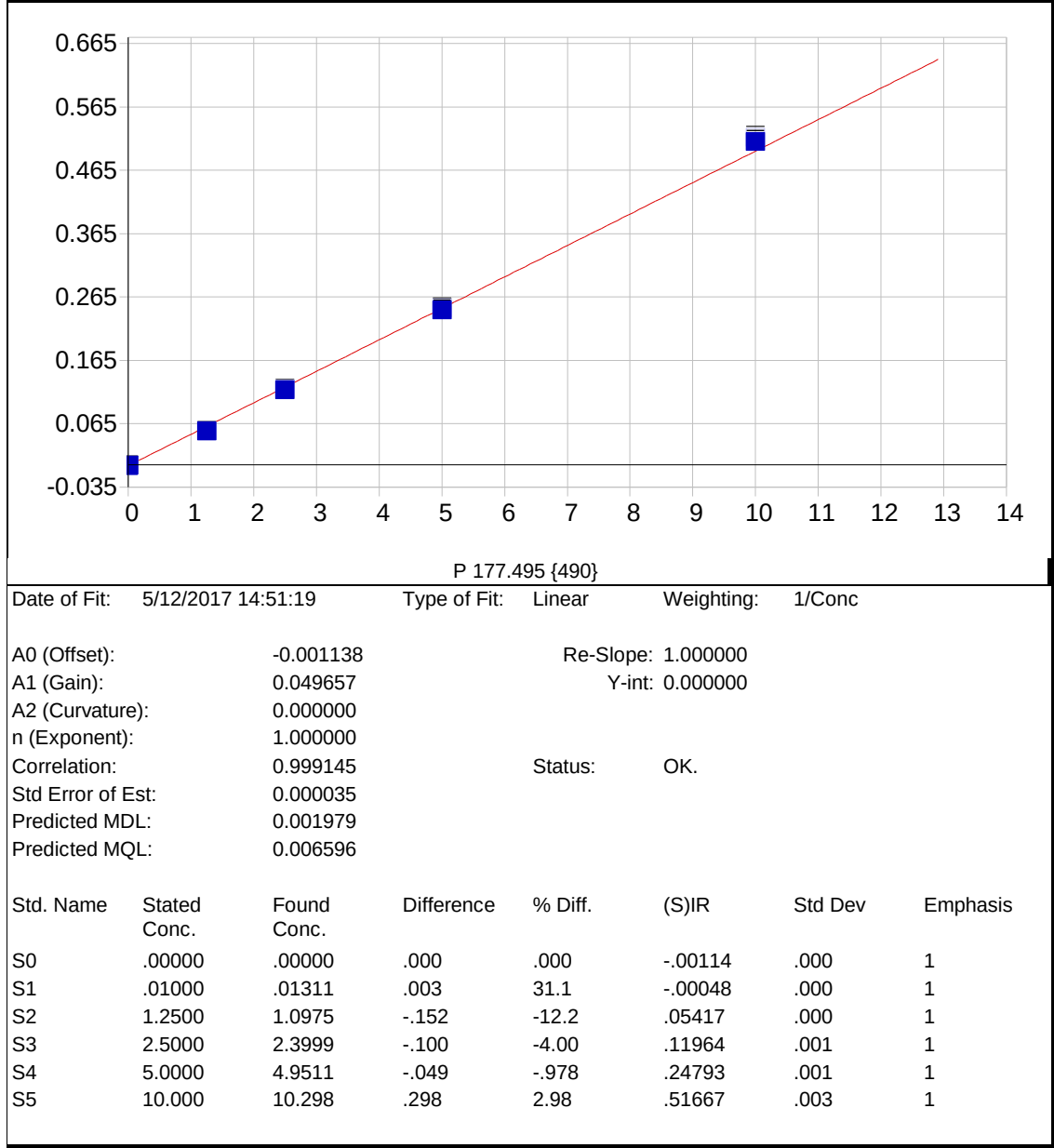
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00029	.000	1
S1	.01000	.00951	.000	-4.89	.00215	.000	1
S2	.31250	.28289	-.030	-9.48	.07190	.001	1
S3	.62500	.60030	-.025	-3.95	.15298	.000	1
S4	1.2500	1.2237	-.026	-2.10	.31219	.002	1
S5	2.5000	2.5811	.081	3.24	.65903	.003	1

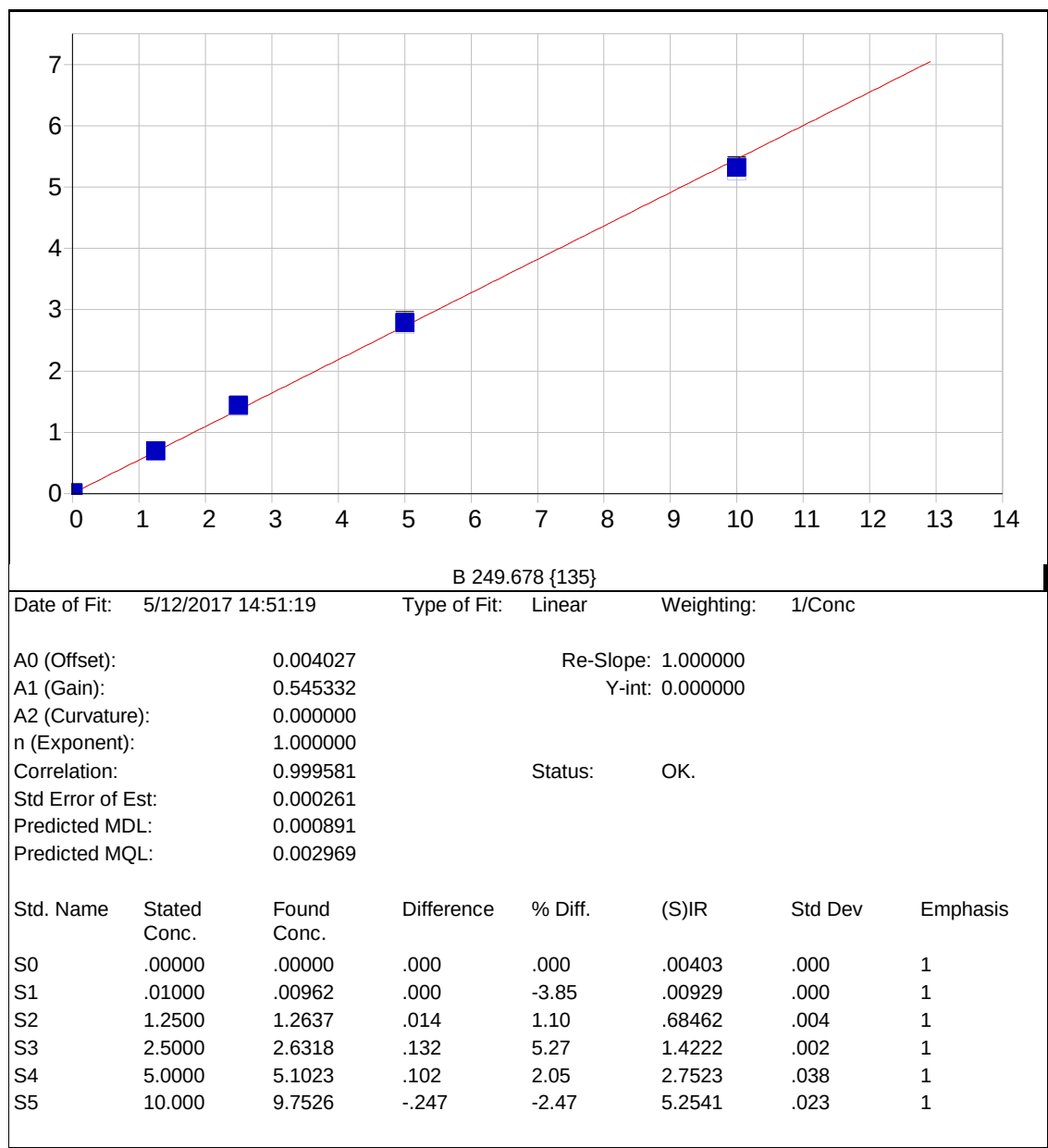


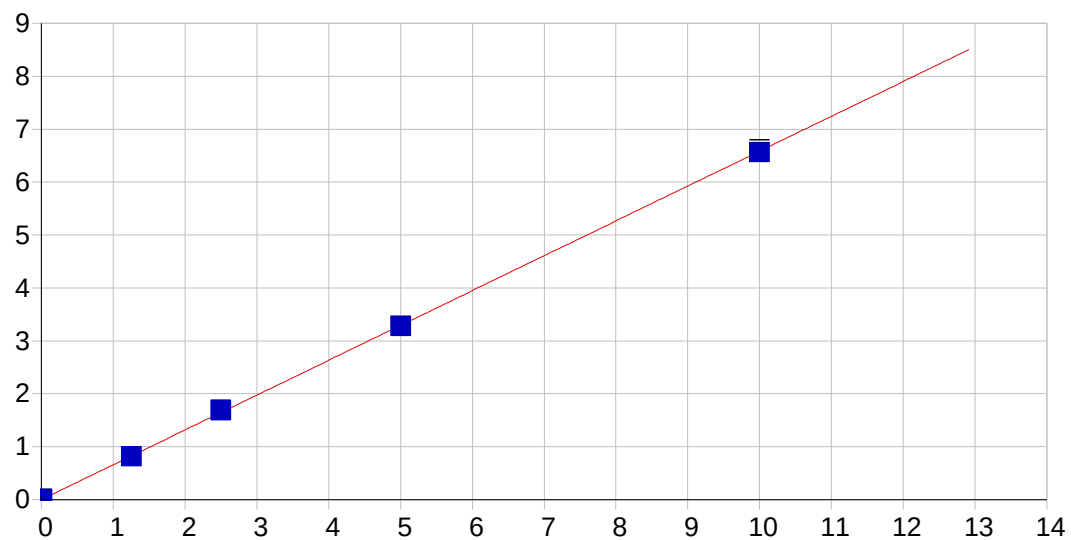










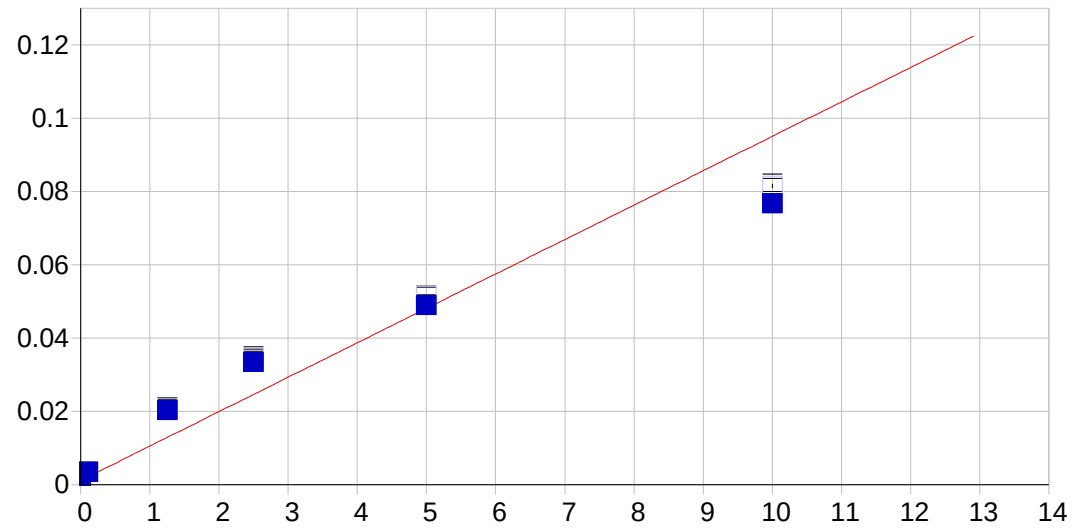


Mo 202.030 {467}

Date of Fit: 5/12/2017 14:51:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000280 Re-Slope: 1.000000
 A1 (Gain): 0.658312 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000104
 Predicted MDL: 0.000265
 Predicted MQL: 0.000883

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00028	.000	1
S1	.01000	.01079	.001	7.90	.00740	.000	1
S2	1.2500	1.2391	-.011	-.870	.81676	.003	1
S3	2.5000	2.5579	.058	2.32	1.6857	.005	1
S4	5.0000	4.9792	-.021	-.415	3.2812	.005	1
S5	10.000	9.9729	-.027	-.271	6.5716	.044	1

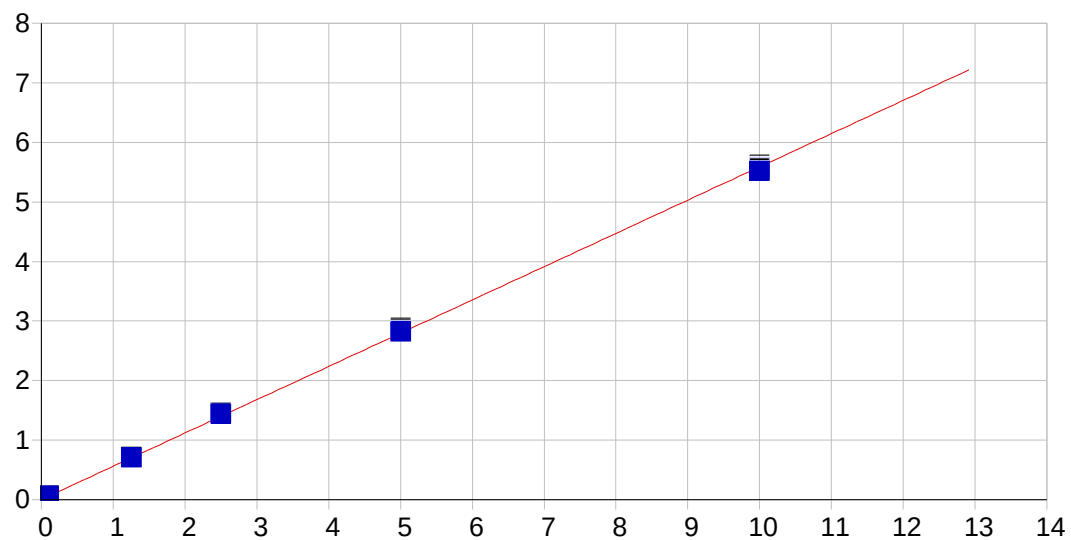


S 182.034 {485}

Date of Fit: 5/12/2017 14:51:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001152 Re-Slope: 1.000000
 A1 (Gain): 0.009391 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.967169 Status: OK.
 Std Error of Est: 0.000138
 Predicted MDL: 0.009406
 Predicted MQL: 0.031352

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00023	.000	.000	.00115	.000	1
S1	.10000	.24214	.142	142.	.00343	.000	1
S2	1.2500	2.0400	.790	63.2	.02091	.000	1
S3	2.5000	3.4355	.935	37.4	.03461	.000	1
S4	5.0000	5.0951	.095	1.90	.05138	.000	1
S5	10.000	8.0439	-1.96	-19.6	.08146	.001	1

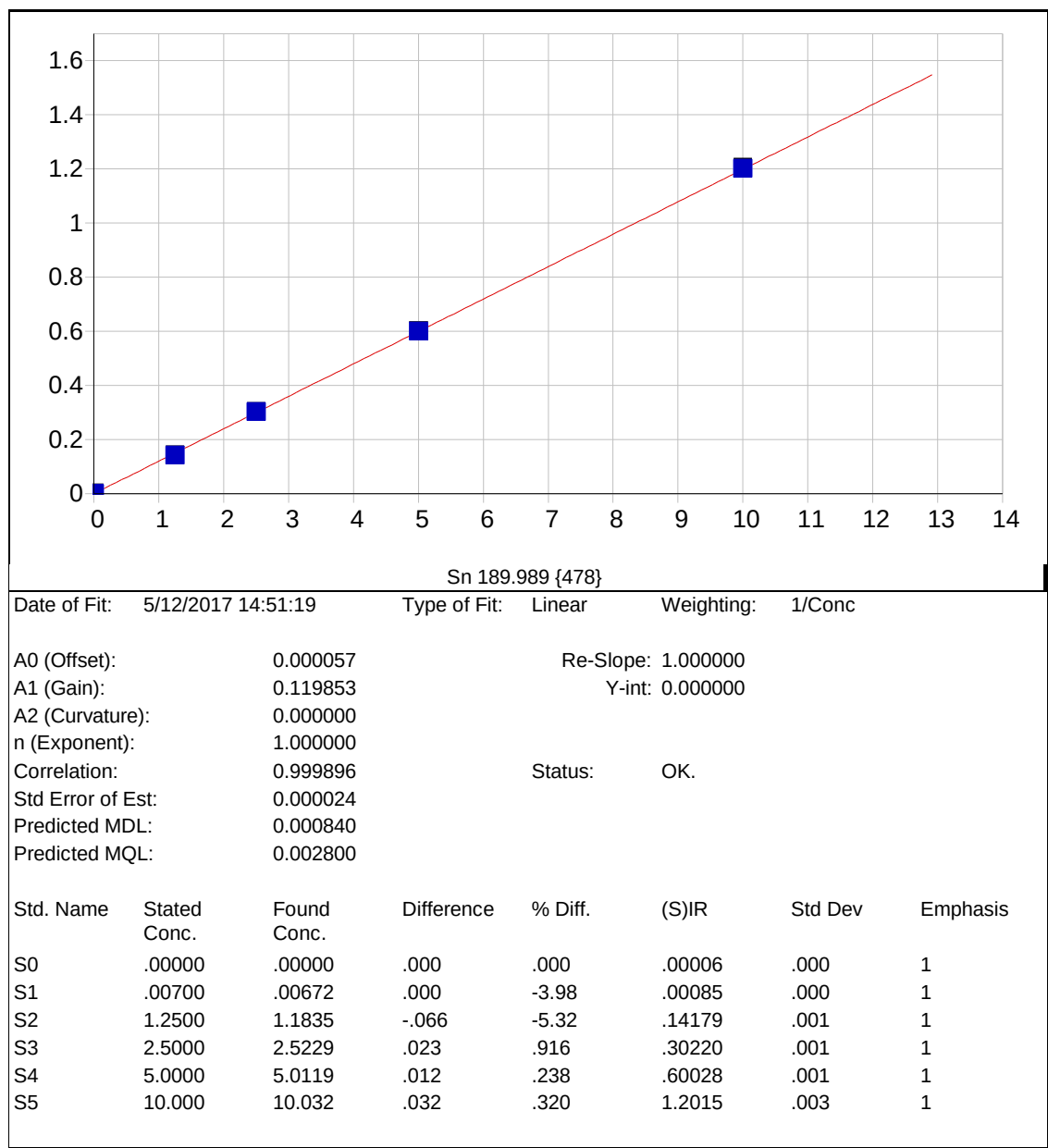


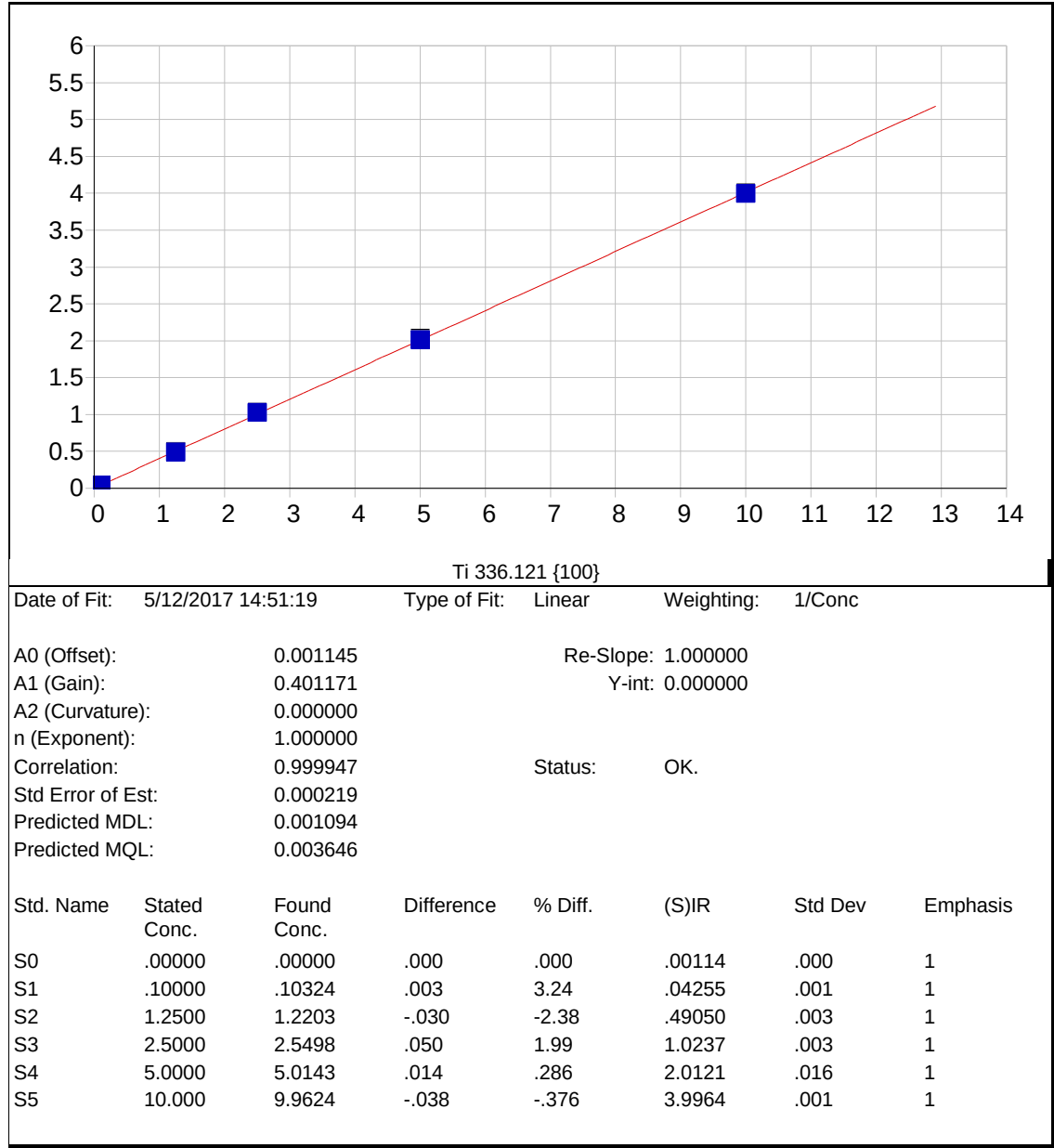
Si 251.611 {134}

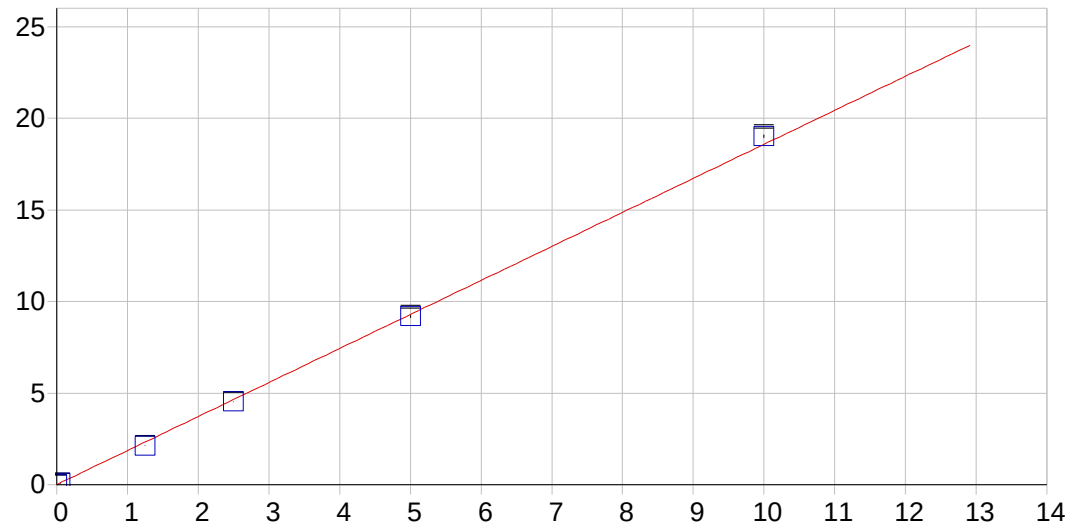
Date of Fit: 5/12/2017 14:51:19 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002974 Re-Slope: 1.000000
 A1 (Gain): 0.558544 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999896 Status: OK.
 Std Error of Est: 0.000432
 Predicted MDL: 0.000909
 Predicted MQL: 0.003028

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00297	.000	1
S1	.10000	.10286	.003	2.86	.06063	.001	1
S2	1.2500	1.2542	.004	.337	.71172	.002	1
S3	2.5000	2.5748	.075	2.99	1.4576	.003	1
S4	5.0000	5.0362	.036	.725	2.8488	.037	1
S5	10.000	9.8819	-.118	-1.18	5.5882	.030	1





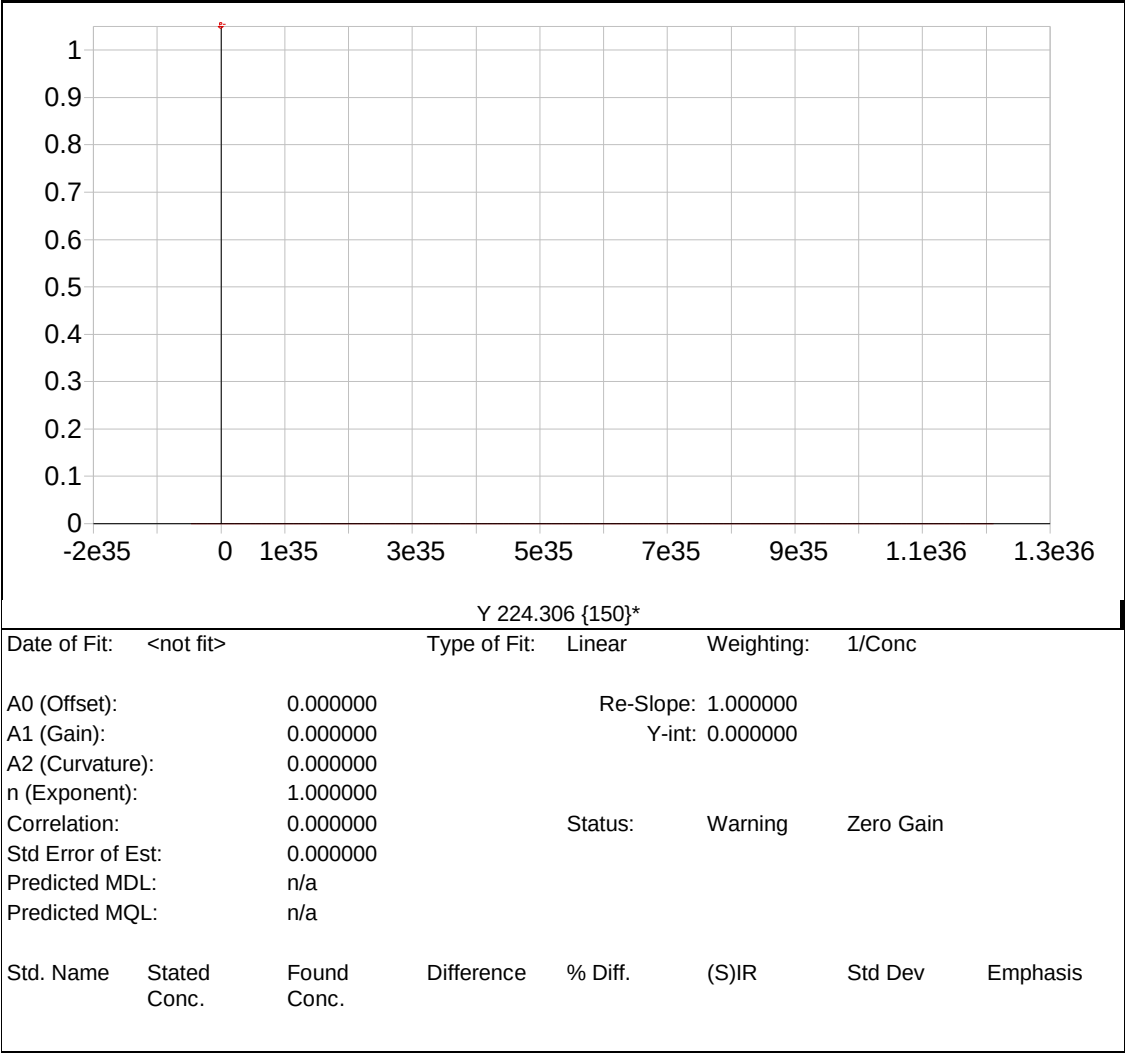


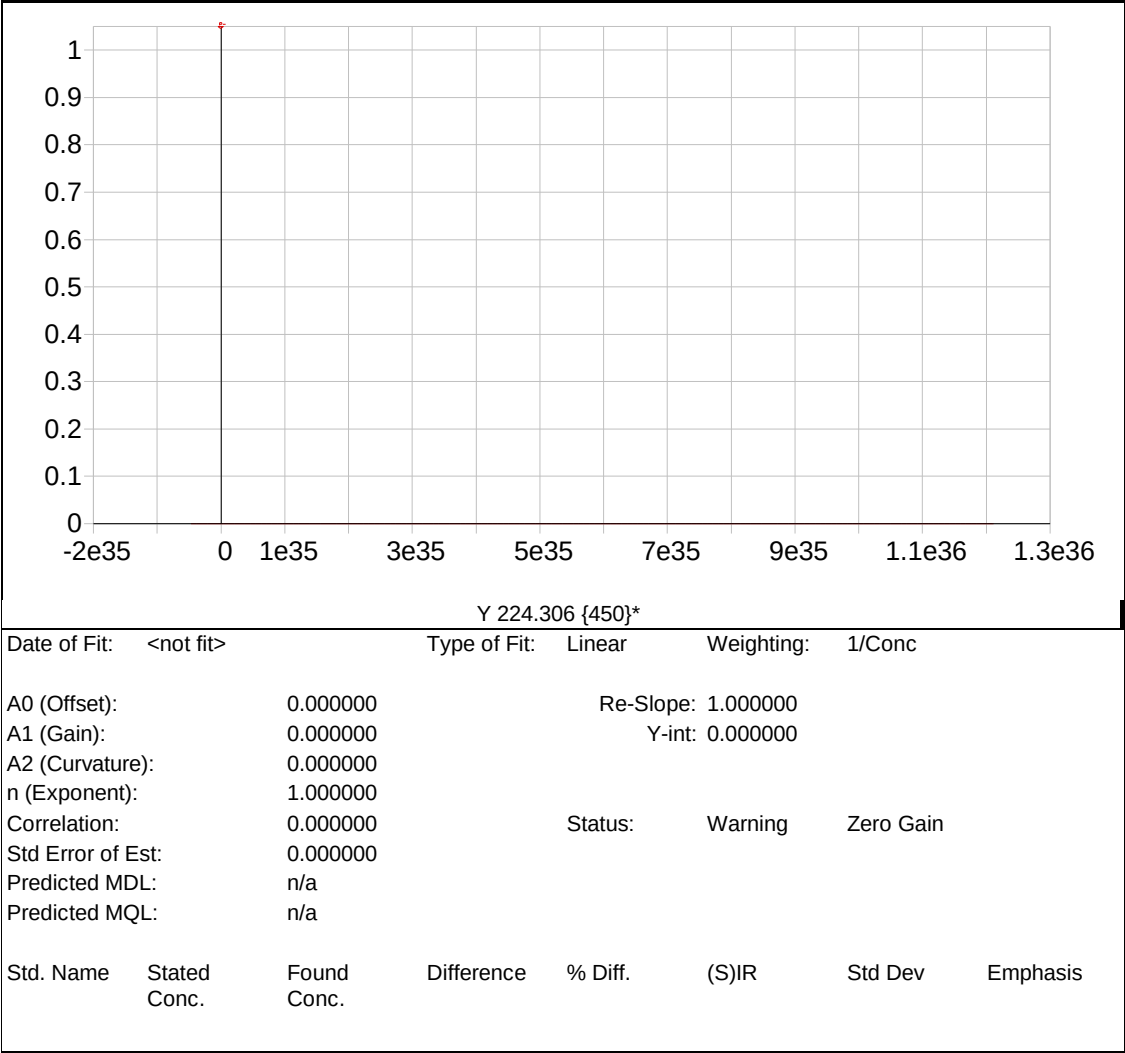
Li 670.784 { 50}

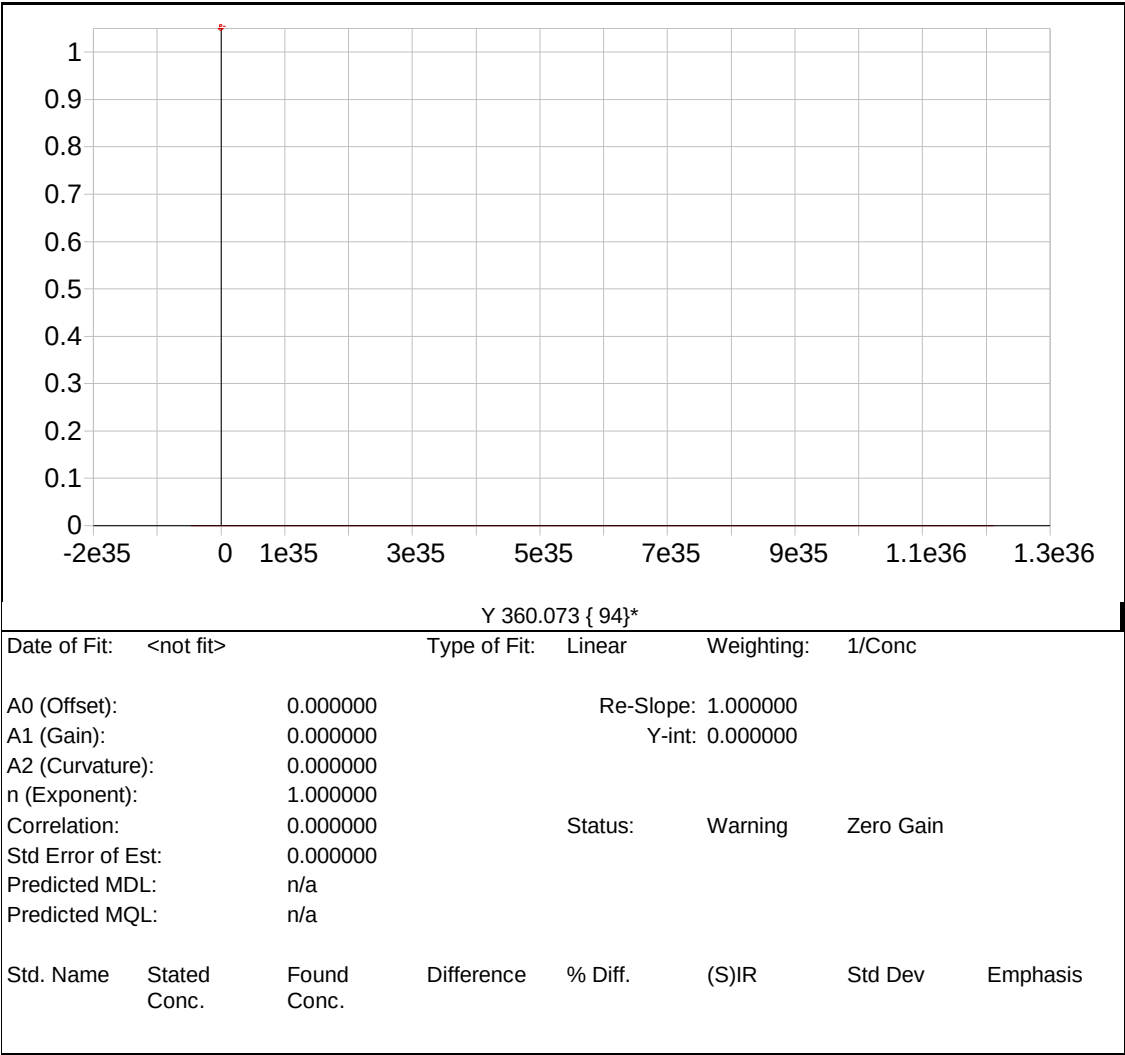
Date of Fit: 5/12/2017 14:51:19 Type of Fit: Linear Weighting: 1/Conc

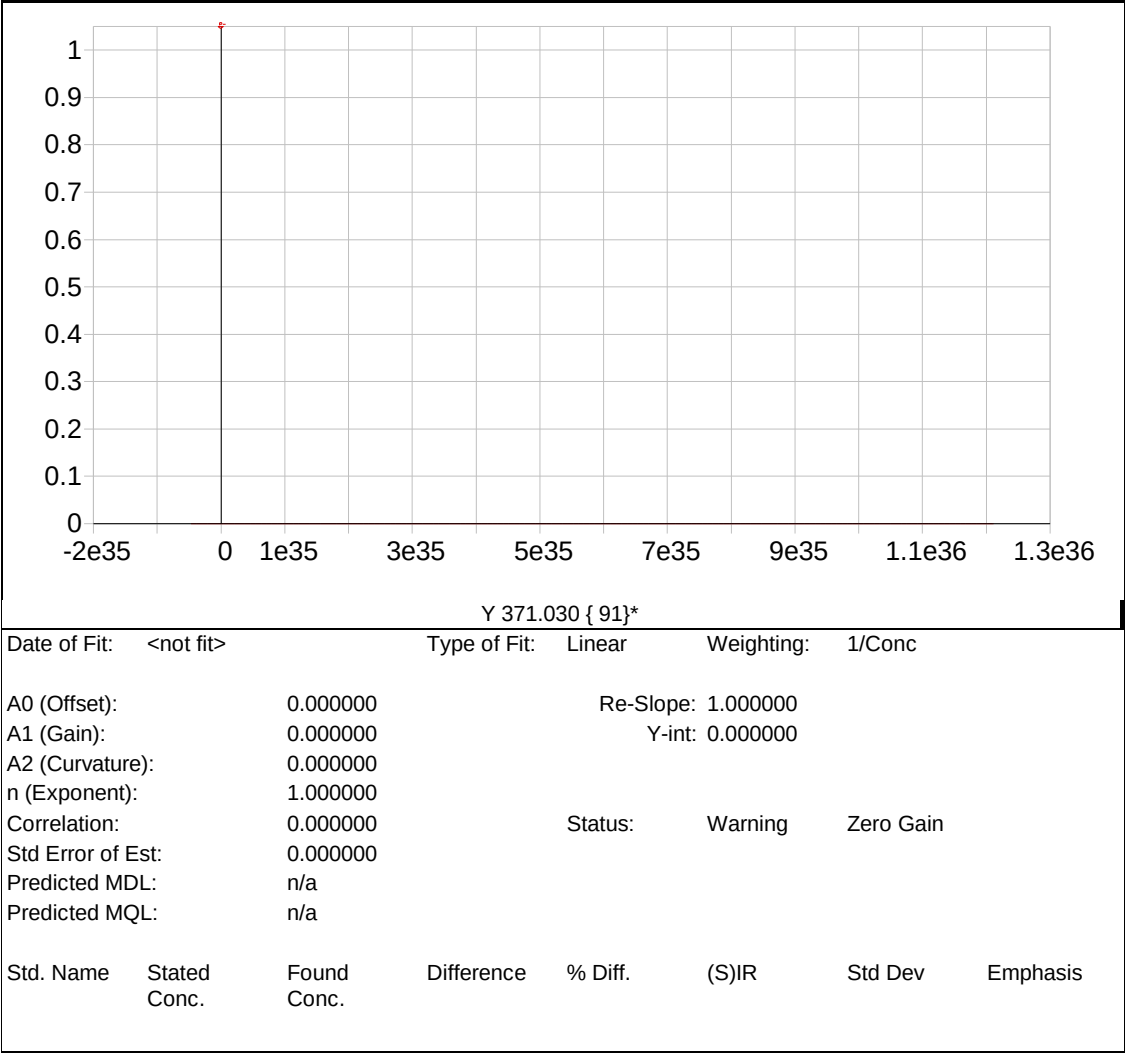
A0 (Offset): 0.005536 Re-Slope: 1.000000
 A1 (Gain): 1.856759 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999531 Status: OK.
 Std Error of Est: 0.002136
 Predicted MDL: 0.000812
 Predicted MQL: 0.002708

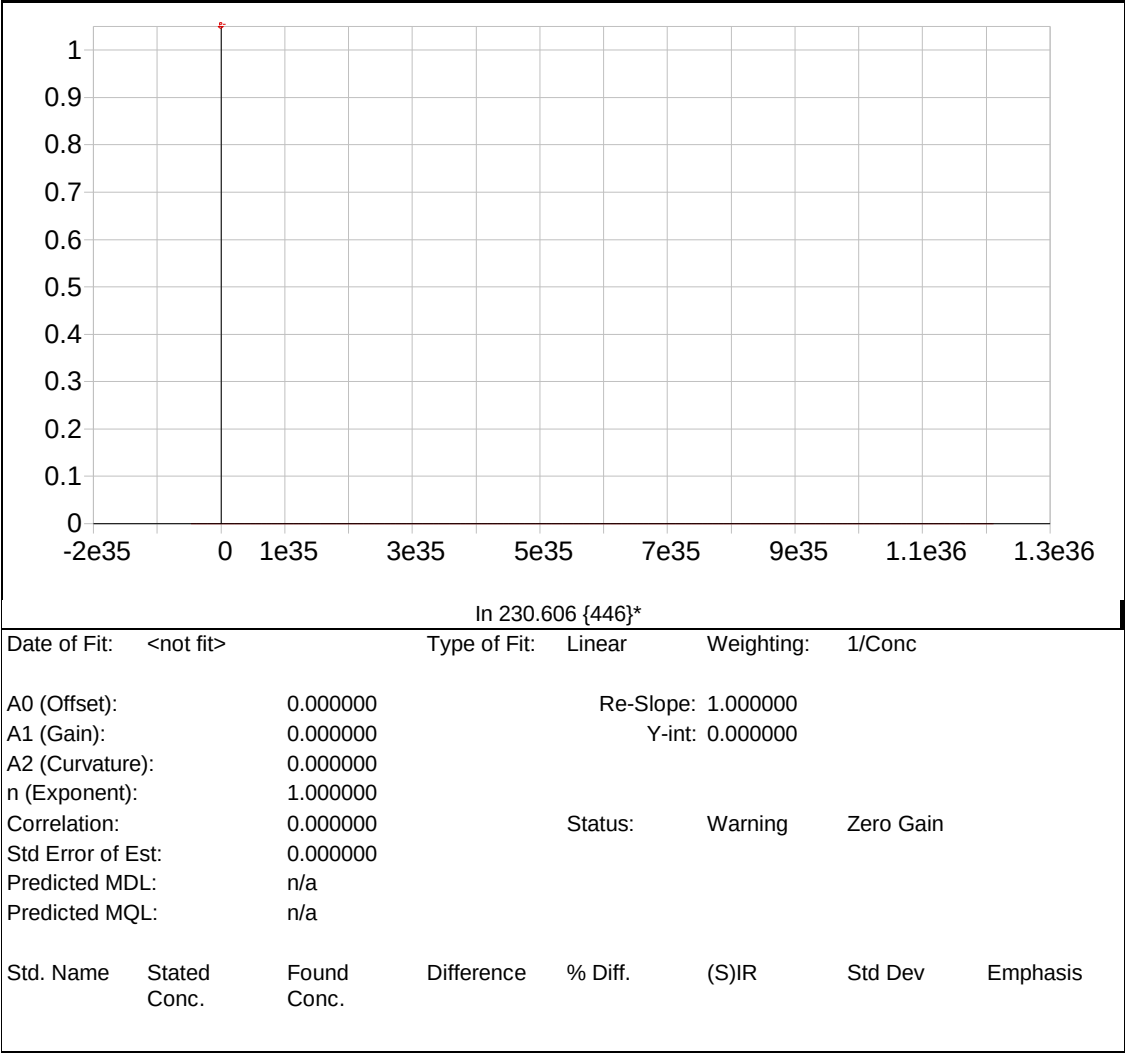
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00555	.001	1
S5	10.000	10.236	.236	2.36	19.011	.090	1
S4	5.0000	4.9420	-.058	-1.16	9.1817	.083	1
S3	2.5000	2.4347	-.065	-2.61	4.5263	.010	1
S2	1.2500	1.1409	-.109	-8.73	2.1239	.012	1
S1	.05000	.04678	-.003	-6.45	.09239	.002	1

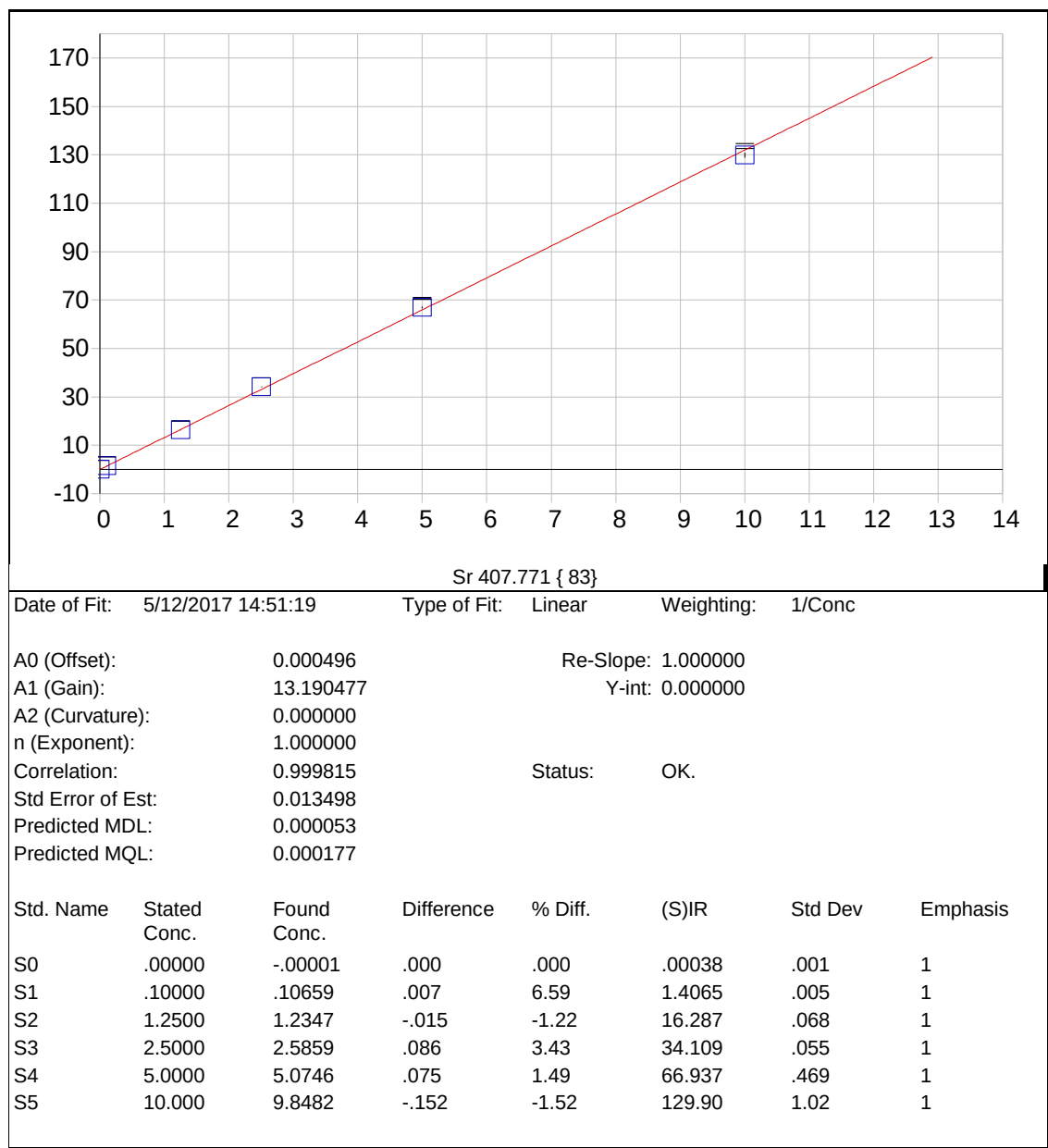












Sample Name: S0 Acquired: 5/12/2017 14:18:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00020	-.00012	.00026	.00031	-.00011	.00127	-.06104	-.00269
Stddev	.00002	.00008	.00004	.00002	.00017	.00045	.00069	.00020
%RSD	11.712	69.522	16.518	6.2964	156.57	35.484	1.1335	7.2595

#1	-.00023	-.00003	.00024	.00029	.00005	.00168	-.06138	-.00268
#2	-.00020	-.00018	.00024	.00032	-.00029	.00079	-.06024	-.00289
#3	-.00018	-.00014	.00031	.00032	-.00008	.00134	-.06149	-.00250

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00018	.00158	.00007	-.00024	.00082	.00043	-.00002	-.00016
Stddev	.00017	.00031	.00001	.00016	.00034	.00004	.00011	.00015
%RSD	98.479	19.533	9.7463	67.946	41.380	9.2990	730.67	94.982

#1	.00002	.00193	.00007	-.00010	.00088	.00047	.00005	-.00025
#2	.00036	.00149	.00007	-.00041	.00045	.00039	-.00014	.00002
#3	.00015	.00133	.00008	-.00019	.00112	.00043	.00005	-.00024

Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00063	-.00029	-.00266	-.00014	-.00042	.04578	-.00114	.00403
Stddev	.00018	.00008	.00041	.00012	.00034	.00080	.00006	.00040
%RSD	29.516	26.697	15.359	90.073	81.092	1.7454	5.3776	9.9021

#1	-.00045	-.00034	-.00240	-.00001	-.00080	.04547	-.00121	.00396
#2	-.00061	-.00020	-.00246	-.00015	-.00032	.04668	-.00109	.00367
#3	-.00082	-.00033	-.00314	-.00025	-.00014	.04518	-.00112	.00446

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00028	.00115	.00297	.00006	.00114	.00555	.00038	
Stddev	.00005	.00007	.00004	.00003	.00025	.00129	.00067	
%RSD	17.880	6.2042	1.3762	53.514	21.465	23.173	175.60	

#1	.00034	.00122	.00298	.00002	.00096	.00408	.00001	
#2	.00024	.00115	.00301	.00008	.00142	.00611	.00115	
#3	.00026	.00108	.00293	.00006	.00105	.00646	-.00002	

Sample Name: S0 Acquired: 5/12/2017 14:18:09 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1749.0	2647.6	56577.	4850.3	3857.2
Stddev	5.5	6.1	71.	15.1	5.1
%RSD	.31393	.23163	.12461	.31220	.13123
#1	1754.0	2647.6	56547.	4837.3	3855.2
#2	1743.1	2641.5	56525.	4866.9	3853.4
#3	1750.0	2653.8	56657.	4846.7	3863.0

Sample Name: S1 Acquired: 5/12/2017 14:22:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00032	.00209	.00244	.00225	.01156	.01749	.73315	.03072
Stddev	.00014	.00002	.00019	.00013	.00034	.00128	.00444	.00066
%RSD	42.798	.78919	7.7154	5.5776	2.9812	7.3100	.60618	2.1545

#1	.00028	.00211	.00265	.00213	.01187	.01756	.73790	.03002
#2	.00021	.00208	.00228	.00238	.01161	.01874	.73245	.03081
#3	.00048	.00209	.00238	.00226	.01119	.01618	.72909	.03134

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00826	.22443	.00141	.03980	.00613	.00146	.00453	.02697
Stddev	.00005	.00131	.00002	.00009	.00028	.00012	.00011	.00053
%RSD	.55991	.58251	1.4710	.22463	4.6389	8.3189	2.3495	1.9501

#1	.00826	.22301	.00141	.03980	.00625	.00158	.00459	.02752
#2	.00821	.22470	.00142	.03971	.00580	.00145	.00441	.02648
#3	.00831	.22558	.00138	.03989	.00633	.00134	.00459	.02692

Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02372	.00215	.04237	.00341	.00187	.23981	-.00048	.00929
Stddev	.00004	.00004	.00095	.00025	.00047	.00178	.00013	.00044
%RSD	.16761	2.0075	2.2303	7.4521	25.309	.74142	26.811	4.7764

#1	.02376	.00220	.04335	.00314	.00166	.24008	-.00054	.00914
#2	.02371	.00214	.04146	.00364	.00241	.24144	-.00033	.00893
#3	.02369	.00211	.04230	.00345	.00153	.23791	-.00056	.00978

Elem	Mo2020	S_ 1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00740	.00343	.06063	.00085	.04255	.09239	1.4065	
Stddev	.00003	.00004	.00075	.00013	.00063	.00195	.0054	
%RSD	.34990	1.3001	1.2407	14.851	1.4823	2.1154	.38206	

#1	.00737	.00343	.06004	.00070	.04187	.09314	1.4125	
#2	.00741	.00347	.06037	.00093	.04311	.09385	1.4046	
#3	.00742	.00338	.06148	.00092	.04268	.09017	1.4023	

Sample Name: S1 Acquired: 5/12/2017 14:22:20 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1729.2	2599.2	55840.	4829.2	3710.9
Stddev	3.6	8.5	21.	8.8	15.0
%RSD	.20716	.32807	.03795	.18251	.40314
#1	1730.6	2589.5	55854.	4819.0	3695.0
#2	1725.1	2602.8	55816.	4833.3	3712.9
#3	1731.9	2605.4	55851.	4835.1	3724.7

Sample Name: S2 Acquired: 5/12/2017 14:26:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.06164	.10796	1.2048	.06965	.22815	2.9801	9.3266	.74450
Stddev	.00044	.00060	.0047	.00024	.00096	.0083	.0503	.00264
%RSD	.72108	.55930	.38685	.33876	.42065	.27834	.53941	.35437

#1	.06175	.10827	1.2097	.06992	.22925	2.9876	9.3822	.74570
#2	.06202	.10726	1.2005	.06948	.22754	2.9712	9.2841	.74634
#3	.06115	.10834	1.2042	.06954	.22765	2.9813	9.3135	.74148

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.96716	2.6257	.47193	.49468	.74755	.52287	1.0463	.32455
Stddev	.00402	.0083	.00790	.00194	.00324	.00037	.0038	.00060
%RSD	.41573	.31732	1.6747	.39180	.43322	.07099	.36669	.18392

#1	.97046	2.6179	.48105	.49623	.75060	.52244	1.0429	.32422
#2	.96268	2.6247	.46710	.49251	.74415	.52303	1.0455	.32419
#3	.96835	2.6345	.46765	.49531	.74791	.52313	1.0504	.32524

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.37140	.07190	.31953	.04138	.13893	1.4624	.05417	.68462
Stddev	.00052	.00105	.00172	.00036	.00171	.0029	.00012	.00369
%RSD	.13980	1.4558	.53861	.86955	1.2328	.20014	.21384	.53942

#1	.37185	.07310	.32151	.04100	.14090	1.4656	.05409	.68888
#2	.37083	.07117	.31857	.04143	.13808	1.4600	.05430	.68245
#3	.37152	.07144	.31850	.04172	.13780	1.4615	.05411	.68252

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.81676	.02091	.71172	.14179	.49050	2.1239	16.287	
Stddev	.00297	.00013	.00193	.00058	.00256	.0123	.068	
%RSD	.36394	.60820	.27180	.40645	.52274	.58046	.41484	

#1	.81965	.02103	.71281	.14245	.49100	2.1361	16.357	
#2	.81371	.02077	.71287	.14147	.48773	2.1115	16.222	
#3	.81691	.02092	.70949	.14143	.49279	2.1240	16.284	

Sample Name: S2 Acquired: 5/12/2017 14:26:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1643.2	2485.2	53275.	4798.1	3213.2
Stddev	28.3	9.2	737.	4.2	11.6
%RSD	1.7217	.36994	1.3828	.08762	.36196
#1	1610.6	2474.7	52424.	4800.4	3200.7
#2	1657.3	2491.8	53703.	4793.2	3223.7
#3	1661.7	2489.0	53697.	4800.6	3215.2

Sample Name: S3 Acquired: 5/12/2017 14:30:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.13106	.22124	2.5241	.14588	.47893	6.3021	19.773	1.5545
Stddev	.00075	.00053	.0031	.00030	.00134	.0054	.009	.0029
%RSD	.57070	.24082	.12350	.20601	.27877	.08570	.04607	.18311

#1	.13040	.22114	2.5236	.14554	.47825	6.2993	19.765	1.5558
#2	.13092	.22076	2.5212	.14603	.47807	6.2987	19.783	1.5513
#3	.13187	.22182	2.5274	.14609	.48047	6.3083	19.772	1.5566

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0574	5.5015	.95772	1.0555	1.5553	1.0796	2.1684	.69118
Stddev	.0047	.0022	.00235	.0021	.0019	.0035	.0041	.00156
%RSD	.22919	.03984	.24530	.19577	.12050	.32541	.18714	.22639

#1	2.0593	5.5006	.95748	1.0552	1.5557	1.0760	2.1659	.69088
#2	2.0521	5.4999	.95550	1.0536	1.5532	1.0798	2.1662	.68978
#3	2.0609	5.5040	.96018	1.0577	1.5569	1.0830	2.1730	.69287

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.78291	.15298	.68139	.08604	.29435	3.0934	.11964	1.4222
Stddev	.00167	.00043	.00130	.00126	.00173	.0057	.00085	.0016
%RSD	.21282	.27924	.19010	1.4622	.58808	.18573	.71247	.11116

#1	.78244	.15257	.68005	.08503	.29576	3.0875	.11870	1.4205
#2	.78153	.15294	.68263	.08563	.29488	3.0990	.11984	1.4225
#3	.78476	.15342	.68149	.08745	.29242	3.0938	.12037	1.4236

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	1.6857	.03461	1.4576	.30220	1.0237	4.5263	34.109	
Stddev	.0054	.00026	.0034	.00079	.0029	.0101	.055	
%RSD	.32168	.76226	.23551	.26200	.28434	.22363	.16140	

#1	1.6812	.03443	1.4584	.30197	1.0241	4.5297	34.069	
#2	1.6841	.03448	1.4605	.30155	1.0206	4.5343	34.087	
#3	1.6917	.03491	1.4538	.30308	1.0264	4.5149	34.172	

Sample Name: S3 Acquired: 5/12/2017 14:30:23 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1560.1	2370.5	51242.	4636.0	2941.9
Stddev	12.9	4.0	108.	2.4	5.1
%RSD	.82449	.16833	.21091	.05225	.17279
#1	1554.9	2374.6	51150.	4633.3	2941.8
#2	1550.7	2370.3	51214.	4638.0	2947.0
#3	1574.8	2366.7	51361.	4636.6	2936.9

Sample Name: S4 Acquired: 5/12/2017 14:34:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.26270	.42369	4.9618	.28791	.96036	12.624	39.412	3.0760
Stddev	.00066	.00009	.0139	.00046	.00133	.119	.325	.0417
%RSD	.25091	.02237	.28045	.15858	.13866	.94373	.82424	1.3554

#1	.26269	.42375	4.9520	.28838	.96189	12.528	39.222	3.0318
#2	.26337	.42358	4.9557	.28746	.95945	12.757	39.787	3.1147
#3	.26205	.42374	4.9777	.28788	.95975	12.588	39.227	3.0813

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.0828	10.899	1.8463	2.0946	3.0934	2.0858	4.2038	1.3769
Stddev	.0159	.083	.0170	.0032	.0246	.0221	.0346	.0164
%RSD	.38977	.76449	.92318	.15458	.79410	1.0572	.82244	1.1951

#1	4.0704	10.819	1.8297	2.0912	3.0788	2.0632	4.1747	1.3590
#2	4.0773	10.985	1.8456	2.0950	3.1217	2.1073	4.2420	1.3914
#3	4.1008	10.891	1.8637	2.0977	3.0795	2.0870	4.1946	1.3802

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.5494	.31219	1.3539	.16888	.59432	6.2445	.24793	2.7523
Stddev	.0031	.00233	.0108	.00205	.00819	.0587	.00106	.0382
%RSD	.19878	.74612	.79796	1.2124	1.3787	.94054	.42556	1.3885

#1	1.5475	.31013	1.3460	.16655	.59403	6.2230	.24672	2.7113
#2	1.5477	.31172	1.3662	.17037	.58628	6.3110	.24843	2.7870
#3	1.5529	.31472	1.3495	.16973	.60266	6.1997	.24864	2.7587

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	3.2812	.05138	2.8488	.60028	2.0121	9.1817	66.937	
Stddev	.0054	.00012	.0373	.00134	.0164	.0834	.469	
%RSD	.16455	.23932	1.3096	.22287	.81637	.90870	.70027	

#1	3.2871	.05125	2.8100	.59936	1.9974	9.1480	66.617	
#2	3.2766	.05142	2.8844	.59965	2.0298	9.2767	67.475	
#3	3.2798	.05148	2.8521	.60181	2.0090	9.1203	66.719	

Sample Name: S4 Acquired: 5/12/2017 14:34:15 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1478.7	2253.8	49409.	4558.8	2700.5
Stddev	13.8	8.8	258.	36.3	3.0
%RSD	.93475	.39174	.52258	.79648	.11020
#1	1477.4	2244.6	49531.	4587.7	2698.6
#2	1493.2	2254.6	49584.	4518.0	2699.0
#3	1465.6	2262.3	49112.	4570.5	2703.9

Sample Name: S5 Acquired: 5/12/2017 14:38:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.54952	.81670	9.9395	.59074	2.0260	25.772	78.198	6.1727
Stddev	.00533	.00494	.0333	.00432	.0136	.039	.345	.0269
%RSD	.96978	.60455	.33551	.73107	.67258	.15077	.44180	.43510

#1	.54531	.81331	9.9063	.58727	2.0138	25.730	78.383	6.2001
#2	.54774	.81442	9.9392	.58939	2.0234	25.780	78.411	6.1464
#3	.55551	.82236	9.9730	.59558	2.0407	25.806	77.799	6.1717

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.1746	21.851	3.5196	4.2314	6.2692	4.0374	8.2256	2.7534
Stddev	.0214	.050	.0222	.0114	.0135	.0152	.0334	.0054
%RSD	.26195	.23093	.63192	.26910	.21587	.37628	.40567	.19476

#1	8.1510	21.891	3.5251	4.2186	6.2551	4.0507	8.2424	2.7573
#2	8.1800	21.794	3.4951	4.2351	6.2705	4.0406	8.1872	2.7557
#3	8.1927	21.868	3.5386	4.2405	6.2821	4.0209	8.2472	2.7473

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0972	.65903	2.7512	.33357	1.2348	12.794	.51667	5.2541
Stddev	.0102	.00285	.0066	.00051	.0071	.011	.00318	.0231
%RSD	.33055	.43193	.23807	.15408	.57262	.08714	.61491	.43987

#1	3.0862	.66184	2.7436	.33406	1.2426	12.785	.51456	5.2803
#2	3.0990	.65615	2.7551	.33304	1.2287	12.790	.51513	5.2364
#3	3.1064	.65910	2.7548	.33361	1.2332	12.806	.52033	5.2458

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	6.5716	.08146	5.5882	1.2015	3.9964	19.011	129.90	
Stddev	.0440	.00063	.0297	.0032	.0011	.090	1.02	
%RSD	.66893	.77011	.53184	.26248	.02845	.47532	.78270	

#1	6.5297	.08110	5.6224	1.1998	3.9956	18.924	130.51	
#2	6.5677	.08110	5.5689	1.1995	3.9977	19.004	128.73	
#3	6.6173	.08219	5.5732	1.2051	3.9959	19.104	130.47	

Sample Name: S5 Acquired: 5/12/2017 14:38:06 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1358.1	2047.9	47152.	4446.7	2385.1
Stddev	12.9	12.8	268.	23.2	6.8
%RSD	.95340	.62350	.56870	.52062	.28534
#1	1343.2	2060.9	46980.	4420.0	2392.7
#2	1367.0	2047.5	47461.	4461.5	2383.1
#3	1364.0	2035.3	47015.	4458.5	2379.5

Sample Name: S6 Acquired: 5/12/2017 14:42:12 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	67.963	35.995	10.610	4.4427	7.6859
Stddev	.387	.316	.046	.0213	.0506
%RSD	.57013	.87698	.43050	.47905	.65863

#1	68.378	35.761	10.557	4.4190	7.6290
#2	67.611	35.869	10.639	4.4490	7.7258
#3	67.900	36.354	10.633	4.4602	7.7029

Int. Std.	Y_3710
Units	Cts/S
Avg	4297.0
Stddev	11.2
%RSD	.26157

#1	4308.6
#2	4296.1
#3	4286.2

Sample Name: ICV Acquired: 5/12/2017 14:46:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9457769	1.102871	.9906098	.9702644	.9048167	2.301772
Stddev	.0032178	.007041	.0026017	.0020064	.0048235	.072369
%RSD	.3402309	.6384623	.2626368	.2067913	.5330952	3.144056

#1	.9473703	1.097604	.9883971	.9715956	.9087851	2.341800
#2	.9420732	1.110869	.9899563	.9712409	.9062170	2.345284
#3	.9478870	1.100141	.9934759	.9679566	.8994479	2.218231

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4958188	.4824074	.4744259	10.07861	.5385798	.4826242
Stddev	.0134024	.0096192	.0014922	.19734	.0022548	.0012773
%RSD	2.703088	1.993994	.3145337	1.957981	.4186638	.2646655

#1	.5037790	.4891890	.4736322	10.18509	.5401059	.4823875
#2	.5033322	.4866349	.4734983	10.19982	.5359898	.4814818
#3	.4803452	.4713985	.4761473	9.85090	.5396435	.4840034

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4947776	5.555975	.5180655	5.611366	.5173813	.4773604
Stddev	.0155610	.141852	.0123172	.128989	.0001006	.0024539
%RSD	3.145056	2.553142	2.377533	2.298710	.0194519	.5140614

#1	.5011405	5.648107	.5237909	5.659897	.5172843	.4779999
#2	.5061488	5.627194	.5264780	5.709051	.5174853	.4746500
#3	.4770434	5.392624	.5039278	5.465151	.5173744	.4794312

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.331618	.4521789	.9351450	9.514875	F -.010225	4.644826
Stddev	.401873	.0073920	.0094289	.325215	.000811	.092695
%RSD	4.306574	1.634742	1.008282	3.417965	7.930765	1.995661

#1	9.407052	.4570965	.9338194	9.664935	-.010889	4.711093
#2	9.690429	.4557620	.9451666	9.737966	-.010464	4.684486
#3	8.897374	.4436783	.9264491	9.141723	-.009321	4.538899

Sample Name: ICV Acquired: 5/12/2017 14:46:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 4.235476	-.045467	4.100052	F 3.870634	4.208394	2.269215
Stddev	.009029	.009080	.083787	.007839	.114629	.070797
%RSD	.2131857	19.97123	2.043560	.2025179	2.723813	3.119892

#1	4.245846	-.038206	4.149763	3.865152	4.282331	2.300512
#2	4.229355	-.055648	4.147076	3.867138	4.266503	2.318970
#3	4.231227	-.042546	4.003315	3.879612	4.076348	2.188163

Elem	Sr4077
Units	ppm
Avg	.9526047
Stddev	.0211862
%RSD	2.224024

#1	.9586381
#2	.9701196
#3	.9290562

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1698.288	2585.933	54915.72	4842.967	3532.695
Stddev	2.167	13.310	145.96	101.410	8.908
%RSD	.1276085	.5146968	.2657868	2.093971	.2521533

#1	1696.244	2575.350	54766.99	4783.236	3527.362
#2	1700.560	2581.575	54921.44	4785.608	3527.745
#3	1698.060	2600.876	55058.74	4960.058	3542.979

Sample Name: ICB Acquired: 5/12/2017 14:54:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002640	-.000666	-.001104	-.002208	.0004343	-.003725	-.000788
Stddev	.001193	.001975	.000333	.000955	.0009699	.008315	.000238
%RSD	45.18498	296.6498	30.16892	43.23589	223.3482	223.2371	30.25325

#1	-.001454	.001502	-.001223	-.003159	.0009919	-.005089	-.001039
#2	-.003840	-.001136	-.001360	-.001250	-.000686	.005188	-.000565
#3	-.002626	-.002364	-.000727	-.002214	.000997	-.011272	-.000760

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	.0000264	-.003483	-.000552	-.000087	-.000726	-.020392
Stddev	.000097	.0000938	.016660	.000385	.000054	.001434	.006119
%RSD	718.8018	355.4382	478.2786	69.73253	62.19042	197.5932	30.00836

#1	-.000056	.0000069	.003984	-.000126	-.000114	.000917	-.013959
#2	-.000082	.0001284	.008137	-.000656	-.000121	-.001730	-.021077
#3	.000098	-.000056	-.022571	-.000875	-.000025	-.001364	-.026141

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000620	-.025075	-.000329	-.000131	.0516709	-.004500	-.007504
Stddev	.000446	.044664	.000059	.000060	.0890833	.002109	.011660
%RSD	71.92299	178.1242	17.94534	45.57137	172.4050	46.86015	155.3786

#1	-.000278	-.053498	-.000318	-.000142	.0323808	-.006920	.005280
#2	-.001124	-.048132	-.000277	-.000067	.1488188	-.003522	-.010238
#3	-.000457	.026406	-.000393	-.000185	-.026187	-.003058	-.017555

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182403	.0005498	.0025512	.0001047	-.013804	-.000021	.0003062
Stddev	.0322151	.0014984	.0006728	.0001039	.002041	.000182	.0007738
%RSD	176.6148	272.5683	26.37157	99.26825	14.78911	852.3665	252.7174

#1	-.018958	-.000663	.0022511	.0001784	-.014602	.000006	.0002311
#2	.036677	.000088	.0033218	.0001497	-.015325	-.000215	-.000427
#3	.037002	.002225	.0020806	-.000014	-.011484	.000145	.001115

Sample Name: ICB Acquired: 5/12/2017 14:54:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000276	.0020899	-.000148
Stddev	.001455	.0003085	.000020
%RSD	526.9536	14.76398	13.54104

#1	.001238	.0020876	-.000148
#2	-.000401	.0023995	-.000128
#3	-.001665	.0017825	-.000168

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1725.525	2612.538	56159.03	4769.071	3826.067
Stddev	45.419	9.815	1035.02	32.470	12.403
%RSD	2.632162	.3757021	1.843014	.6808486	.3241595

#1	1688.262	2601.973	55254.90	4736.802	3812.774
#2	1776.116	2621.374	57287.98	4801.738	3828.099
#3	1712.195	2614.268	55934.20	4768.674	3837.328

Sample Name: ICSA Acquired: 5/12/2017 14:58:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002952	-.014128	-.001377	-.024183	.0009509	271.6471
Stddev	.0037396	.002358	.002505	.008571	.0010654	.5630
%RSD	1266.963	16.69069	181.8896	35.44185	112.0369	.2072382

#1	.0046133	-.015989	-.004258	-.034015	.0001559	272.2524
#2	-.001859	-.011476	.000286	-.020247	.0021615	271.5499
#3	-.001869	-.014920	-.000159	-.018287	.0005355	271.1391

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047135	.0010186	.0041755	269.7813	.0524929	-.000461
Stddev	.0005970	.0000461	.0001539	1.7623	.0007468	.000234
%RSD	12.66525	4.522865	3.685031	.6532364	1.422596	50.72176

#1	.0042779	.0009728	.0040330	267.7710	.0516898	-.000222
#2	.0044687	.0010182	.0043387	271.0596	.0526227	-.000471
#3	.0053940	.0010649	.0041548	270.5135	.0531663	-.000690

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0241646	116.0057	.0145004	290.7315	.0003526	-.002016
Stddev	.0015290	.3419	.0015151	.3029	.0005191	.000452
%RSD	6.327613	.2946875	10.44849	.1041757	147.2425	22.41605

#1	.0224190	115.7610	.0159982	290.4059	.0002445	-.002217
#2	.0248080	116.3963	.0145343	291.0048	-.000104	-.001498
#3	.0252669	115.8599	.0129686	290.7837	.000917	-.002332

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5364294	-.004783	.0036705	-.142894	-.011273	F -.265620
Stddev	.0643404	.003445	.0125917	.010556	.003333	.001744
%RSD	11.99419	72.01470	343.0519	7.387508	29.56901	.6565166

#1	.5677650	-.006733	.0067142	-.132422	-.007637	-.263624
#2	.5790989	-.006811	.0144614	-.153533	-.014185	-.266849
#3	.4624242	-.000806	-.010164	-.142729	-.011998	-.266386

Sample Name: ICSA Acquired: 5/12/2017 14:58:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000931	.0280800	-.003899	-.001002	-.001826	.0059551
Stddev	.000470	.0078490	.001748	.001510	.001300	.0002687
%RSD	50.42308	27.95212	44.83404	150.7623	71.19276	4.511316

#1	-.000760	.0370666	-.003364	-.001098	-.001779	.0059096
#2	-.001462	.0246055	-.002480	.000554	-.000550	.0057121
#3	-.000571	.0225680	-.005851	-.002461	-.003148	.0062436

Elem	Sr4077
Units	ppm
Avg	.1134326
Stddev	.0002573
%RSD	.2268399

#1	.1136628
#2	.1134801
#3	.1131548

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1582.815	2359.762	51092.95	4632.392	2867.505
Stddev	2.402	41.455	198.26	4.825	60.746
%RSD	.1517541	1.756747	.3880400	.1041539	2.118416

#1	1580.042	2396.061	50864.40	4626.821	2921.789
#2	1584.206	2314.588	51195.67	4635.124	2801.892
#3	1584.199	2368.638	51218.76	4635.231	2878.833

Sample Name: ICSAB Acquired: 5/12/2017 15:03:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0933172	.1093818	.0523876	.0245289	.6129345	260.0327
Stddev	.0013124	.0015895	.0007567	.0038848	.0006541	.4327
%RSD	1.406379	1.453174	1.444370	15.83741	.1067216	.1664142

#1	.0924905	.1106007	.0525055	.0201352	.6132772	259.5378
#2	.0926306	.1075839	.0530784	.0259432	.6121802	260.3395
#3	.0948304	.1099607	.0515789	.0275084	.6133460	260.2209

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5381236	.5324866	1.029012	258.4275	.6037623	.5172597
Stddev	.0015163	.0011647	.004237	.3680	.0011653	.0013466
%RSD	.2817819	.2187238	.4117505	.1423857	.1929973	.2603228

#1	.5364527	.5327333	1.027297	258.8216	.6027655	.5165737
#2	.5394123	.5335081	1.025902	258.3678	.6034781	.5163944
#3	.5385058	.5312183	1.033838	258.0930	.6050434	.5188112

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5594354	110.5248	.5455925	275.4477	1.038956	.2127274
Stddev	.0068125	.1024	.0028167	.3587	.004963	.0008577
%RSD	1.217742	.0926766	.5162722	.1302079	.4777061	.4031886

#1	.5517596	110.5323	.5440622	275.6297	1.036778	.2136857
#2	.5617830	110.6233	.5488432	275.0345	1.035454	.2120317
#3	.5647637	110.4188	.5438722	275.6789	1.044636	.2124649

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6744995	.5349577	1.046083	-.208023	.6650698	F .7494753
Stddev	.1015270	.0028125	.034839	.012737	.0033711	.0024524
%RSD	15.05220	.5257388	3.330390	6.122857	.5068729	.3272121

#1	.6450523	.5318158	1.079618	-.197291	.6614999	.7499406
#2	.7874950	.5358169	1.048558	-.222098	.6655107	.7516618
#3	.5909510	.5372403	1.010073	-.204681	.6681987	.7468237

Sample Name: ICSAB Acquired: 5/12/2017 15:03:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .9046903	1.832080	.8760954	F .8931270	.9196296	.7315247
Stddev	.0023050	.016233	.0013421	.0037809	.0012859	.0023532
%RSD	.2547854	.8860355	.1531921	.4233279	.1398252	.3216793
#1	.9027186	1.815168	.8770222	.8943722	.9198741	.7288079
#2	.9041278	1.833538	.8767078	.8888806	.9182390	.7329260
#3	.9072245	1.847535	.8745564	.8961282	.9207756	.7328402

Elem	Sr4077
Units	ppm
Avg	.8070654
Stddev	.0018521
%RSD	.2294841
#1	.8049523
#2	.8084068
#3	.8078372

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1545.391	2322.618	50340.75	4610.091	2847.558
Stddev	7.442	.940	57.89	7.361	1.660
%RSD	.4815624	.0404857	.1149918	.1596638	.0582804
#1	1541.750	2321.561	50326.60	4605.177	2846.744
#2	1553.953	2323.363	50404.40	4606.543	2849.467
#3	1540.471	2322.929	50291.24	4618.554	2846.462

Sample Name: CCV011 Acquired: 5/12/2017 15:07:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.021084	4.829037	24.42248	4.921012	5.023758	418.3150
Stddev	.012073	.009073	.03648	.010033	.006928	1.1010
%RSD	.2404479	.1878855	.1493578	.2038895	.1379084	.2631957

#1	5.034952	4.834602	24.38036	4.931409	5.030382	418.4621
#2	5.015378	4.818567	24.44375	4.911386	5.016561	417.1478
#3	5.012921	4.833942	24.44332	4.920242	5.024331	419.3350

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14250	.5140080	2.511940	404.1182	15.35527	2.495244
Stddev	.01409	.0031987	.006156	1.4443	.04949	.003469
%RSD	.1389052	.6223071	.2450677	.3574012	.3222830	.1390363

#1	10.15837	.5169390	2.504839	404.7619	15.33283	2.491263
#2	10.13147	.5105961	2.515202	402.4640	15.32098	2.497621
#3	10.13766	.5144890	2.515778	405.1288	15.41201	2.496848

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.28963	408.8038	14.66023	411.7611	2.480361	1.279039
Stddev	.02138	2.5814	.03707	2.2584	.005620	.005368
%RSD	.1398013	.6314475	.2528536	.5484626	.2265647	.4196862

#1	15.30812	409.5496	14.68243	412.0354	2.474727	1.274885
#2	15.26622	405.9316	14.61743	409.3781	2.485966	1.277131
#3	15.29455	410.9302	14.68081	413.8697	2.480391	1.285100

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	399.3663	2.513429	15.20970	159.1066	5.103033	F 4.420025
Stddev	1.3607	.010605	.08324	.5391	.011571	.018070
%RSD	.3407235	.4219167	.5472608	.3388124	.2267516	.4088127

#1	399.5092	2.508128	15.14633	158.7390	5.103371	4.435644
#2	397.9397	2.506521	15.17879	158.8552	5.091297	4.400234
#3	400.6499	2.525639	15.30397	159.7254	5.114432	4.424195

Sample Name: CCV011 Acquired: 5/12/2017 15:07:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV011 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.940391	4.021711	5.059835	4.988139	5.029615	5.137097
Stddev	.011221	.007491	.028432	.005072	.022196	.003256
%RSD	.2271296	.1862674	.5619065	.1016740	.4412974	.0633756

#1	4.932266	4.013156	5.081952	4.982468	5.023408	5.134945
#2	4.935712	4.024881	5.027765	4.992241	5.011184	5.140843
#3	4.953194	4.027096	5.069788	4.989708	5.054253	5.135505

Elem	Sr4077
Units	ppm
Avg	5.145212
Stddev	.012838
%RSD	.2495229

#1	5.156004
#2	5.131014
#3	5.148619

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1401.921	2100.657	47135.26	4419.159	2434.019
Stddev	.883	4.163	90.26	25.078	3.698
%RSD	.0629550	.1981833	.1914863	.5674821	.1519438

#1	1400.963	2098.941	47155.85	4397.697	2431.181
#2	1402.101	2105.403	47213.44	4446.725	2438.201
#3	1402.700	2097.626	47036.48	4413.055	2432.674

Sample Name: CCB011 Acquired: 5/12/2017 15:10:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001803	-.000387	-.000897	-.001406	.0002949	.0048458	-.000485
Stddev	.002699	.000620	.000422	.000565	.0003140	.0023312	.000352
%RSD	149.7352	160.2857	47.01491	40.16100	106.4445	48.10768	72.64851

#1	-.004861	-.000668	-.000482	-.001326	.0001337	.0068174	-.000887
#2	-.000791	-.000815	-.001325	-.002007	.0006567	.0054470	-.000337
#3	.000245	.000324	-.000884	-.000886	.0000944	.0022728	-.000231

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000249	.0000125	.0010661	-.000579	-.000118	.0009458	-.011335
Stddev	.0000407	.0000142	.0090709	.000102	.000195	.0002628	.008634
%RSD	163.4839	113.4729	850.8739	17.59786	165.4923	27.78521	76.17591

#1	.0000639	.0000039	.0104788	-.000547	-.000337	.0012492	-.015918
#2	.0000282	.0000047	-.007619	-.000497	-.000053	.0007972	-.016711
#3	-.000017	.0000289	.000338	-.000693	.000037	.0007910	-.001375

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000996	-.006910	-.000106	-.000162	.0114141	-.001155	-.008836
Stddev	.0003165	.007735	.000201	.000301	.0388441	.001830	.005483
%RSD	317.7800	111.9329	188.4513	185.2352	340.3176	158.5345	62.06009

#1	.0001985	-.015756	-.000249	-.000420	.0530592	-.001832	-.014881
#2	-.000255	-.003550	-.000193	.000168	-.023835	-.002549	-.007444
#3	.000355	-.001423	.000123	-.000235	.005018	.000918	-.004182

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010389	.0002800	.0051073	.0003135	-.020535	.0001144	-.000220
Stddev	.052401	.0017664	.0003055	.0000616	.007708	.0006071	.000791
%RSD	504.4012	630.8110	5.982689	19.64883	37.53774	530.6666	358.8139

#1	.022130	-.001106	.0054593	.0002635	-.016880	-.000532	-.000297
#2	.017542	.002269	.0049104	.0003823	-.015335	.000672	.000606
#3	-.070838	-.000322	.0049522	.0002948	-.029391	.000203	-.000970

Sample Name: CCB011 Acquired: 5/12/2017 15:10:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB011 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000134	.0012729	-.000054
Stddev	.000513	.0008818	.000011
%RSD	382.1071	69.27850	20.62960

#1	.000169	.0013992	-.000067
#2	.000155	.0020848	-.000051
#3	-.000726	.0003347	-.000045

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.822	2611.130	56739.07	4833.483	3848.331
Stddev	13.037	3.950	296.30	50.474	2.195
%RSD	.7510518	.1512666	.5222161	1.044264	.0570459

#1	1721.100	2607.152	56432.78	4803.652	3846.010
#2	1740.461	2615.051	56760.19	4805.037	3850.375
#3	1745.905	2611.185	57024.25	4891.760	3848.607

Sample Name: PB98908BL Acquired: 5/12/2017 15:14:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001020	-.002349	-.000881	.0013236	.0002929	-.000215	-.000160
Stddev	.002314	.000739	.000634	.0022831	.0010287	.003551	.000361
%RSD	226.8864	31.46630	71.98308	172.4939	351.1310	1653.635	225.8099

#1	.000434	-.002941	-.001309	.0039595	.0003441	.003468	.000216
#2	.000195	-.002585	-.000152	-.000031	-.000760	-.000496	-.000504
#3	-.003689	-.001521	-.001182	.000042	.001295	-.003617	-.000191

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000018	-.000067	-.004031	-.001082	-.000221	-.000125	-.027257
Stddev	.0000654	.000073	.009364	.000197	.000082	.001226	.008868
%RSD	3687.226	109.4522	232.2993	18.19732	37.01855	981.7075	32.53548

#1	-.000074	.000013	-.007516	-.001256	-.000311	-.001522	-.025445
#2	.000036	-.000083	-.011153	-.000868	-.000198	.000378	-.036891
#3	.000043	-.000130	.006576	-.001123	-.000153	.000769	-.019435

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000536	.0076914	.0001254	-.000163	-.077733	-.001078	-.009823
Stddev	.000154	.0462999	.0001828	.000092	.144162	.002404	.004389
%RSD	28.70051	601.9660	145.7226	56.67051	185.4587	222.9054	44.68376

#1	-.000709	.0219972	-.000046	-.000122	.061574	-.000916	-.014890
#2	-.000485	.0451501	.000104	-.000269	-.068470	-.003559	-.007219
#3	-.000415	-.044073	.000318	-.000098	-.226302	.001240	-.007359

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015415	-.000171	.0004789	-.000253	-.014607	-.000663	.0004407
Stddev	.025403	.001923	.0002875	.000064	.001511	.000366	.0010545
%RSD	164.7994	1127.653	60.02684	25.14726	10.34175	55.23173	239.2957

#1	-.013425	.001440	.0002276	-.000202	-.014050	-.000365	.0009637
#2	.008936	-.002300	.0004168	-.000324	-.016318	-.001072	.0011315
#3	-.041754	.000348	.0007923	-.000232	-.013455	-.000552	-.000773

Sample Name: PB98908BL Acquired: 5/12/2017 15:14:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001318	.0004027	-.000165
Stddev	.000707	.0008064	.000046
%RSD	53.65792	200.2630	27.74196

#1	-.000939	.0010376	-.000128
#2	-.002134	.0006750	-.000216
#3	-.000881	-.000505	-.000150

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.383	2650.769	56865.63	4820.880	3870.566
Stddev	10.392	2.815	149.75	32.356	4.879
%RSD	.5902989	.1062080	.2633408	.6711642	.1260618

#1	1769.513	2648.380	56964.67	4784.264	3875.401
#2	1762.560	2653.873	56693.36	4845.621	3865.644
#3	1749.075	2650.053	56938.86	4832.754	3870.654

Sample Name: PB98908BS Acquired: 5/12/2017 15:19:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213231	.0588257	.0207589	.0692996	.1227355	.3932209
Stddev	.0028489	.0012769	.0009341	.0024471	.0011038	.0070139
%RSD	13.36058	2.170633	4.499757	3.531268	.8993136	1.783701

#1	.0202768	.0591314	.0200522	.0666295	.1217088	.3858892
#2	.0191454	.0599220	.0204066	.0714355	.1225949	.3998666
#3	.0245473	.0574237	.0218179	.0698337	.1239028	.3939068

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4118411	.0112824	.0101071	10.37522	.0241665	.0977852
Stddev	.0014703	.0000839	.0000871	.02608	.0002795	.0000650
%RSD	.3570164	.7438836	.8617746	.2513281	1.156419	.0664740

#1	.4101492	.0112888	.0100127	10.35673	.0240890	.0977351
#2	.4128094	.0113630	.0101844	10.40504	.0239340	.0978586
#3	.4125648	.0111955	.0101242	10.36388	.0244766	.0977617

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0535365	.2180758	.0324943	10.05783	.0808347	.0204321
Stddev	.0008750	.0108891	.0013014	.11635	.0004275	.0000253
%RSD	1.634449	4.993264	4.004936	1.156781	.5288189	.1240004

#1	.0535790	.2055070	.0310917	10.03074	.0807536	.0204451
#2	.0526409	.2246627	.0327284	10.18533	.0804535	.0204482
#3	.0543894	.2240578	.0336627	9.95742	.0812969	.0204029

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.691132	.1093102	.1261007	9.483693	.0259174	F .0220661
Stddev	.186589	.0030384	.0046088	.097606	.0010924	.0002750
%RSD	1.925358	2.779642	3.654831	1.029197	4.214753	1.246110

#1	9.617986	.1116845	.1301182	9.383038	.0252640	.0223562
#2	9.903212	.1058861	.1210695	9.577934	.0253098	.0220329
#3	9.552198	.1103601	.1271146	9.490106	.0271785	.0218093

Sample Name: PB98908BS Acquired: 5/12/2017 15:19:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217926	.4956080	.2013674	F .0141732	.2089551	.0933864
Stddev	.0002985	.0131002	.0008378	.0013190	.0013026	.0003147
%RSD	1.369579	2.643253	.4160687	9.306495	.6233687	.3369458

#1	.0216078	.4845844	.2020452	.0143340	.2075897	.0933139
#2	.0221369	.4921490	.2016264	.0154044	.2090915	.0937310
#3	.0216331	.5100906	.2004307	.0127811	.2101840	.0931143

Elem	Sr4077
Units	ppm
Avg	.2143055
Stddev	.0015126
%RSD	.7058072

#1	.2126020
#2	.2154910
#3	.2148235

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1724.118	2582.489	55664.62	4860.008	3639.461
Stddev	1.266	11.255	55.50	12.559	9.446
%RSD	.0734117	.4358183	.0997021	.2584069	.2595443

#1	1724.790	2590.738	55665.27	4869.909	3648.864
#2	1724.905	2587.062	55719.79	4845.882	3639.546
#3	1722.658	2569.667	55608.79	4864.233	3629.972

Sample Name: I3116-01 Acquired: 5/12/2017 15:23:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2553183	-.006214	3.945387	-.024639	.0176511	61.53885	1.404282
Stddev	.0039365	.002232	.026457	.002619	.0010994	.18310	.003322
%RSD	1.541803	35.92286	.6705926	10.62973	6.228344	.2975406	.2365314

#1	.2586950	-.003642	3.927849	-.023613	.0186776	61.37123	1.400551
#2	.2509947	-.007652	3.932493	-.027616	.0164910	61.73426	1.405375
#3	.2562652	-.007349	3.975820	-.022688	.0177847	61.51105	1.406919

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094229	.1291373	244.8997	.0824794	.0517929	1.118393	125.0583
Stddev	.0000383	.0009158	1.1350	.0006648	.0007653	.001619	.6696
%RSD	.4067747	.7091599	.4634664	.8060504	1.477550	.1447706	.5354492

#1	.0093815	.1289487	246.0916	.0820208	.0509822	1.119825	125.1163
#2	.0094572	.1283306	243.8318	.0821756	.0518940	1.116636	125.6971
#3	.0094302	.1301328	244.7755	.0832419	.0525027	1.118716	124.3616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.099785	49.30863	.0872445	.0179269	1.337026	.2679807	6.507596
Stddev	.014540	.23474	.0005794	.0001238	.062357	.0045398	.014847
%RSD	.4690682	.4760636	.6640708	.6907270	4.663881	1.694063	.2281522

#1	3.116289	49.37437	.0865968	.0177847	1.361304	.2641366	6.523272
#2	3.088861	49.50349	.0874234	.0179857	1.266181	.2668164	6.493746
#3	3.094207	49.04803	.0877133	.0180104	1.383592	.2729893	6.505770

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.56305	7.849328	-.239899	.0010122	16.95453	1.796962	.0365149
Stddev	.09009	.079543	.002420	.0001767	.17775	.009840	.0016345
%RSD	.4605211	1.013379	1.008886	17.45756	1.048406	.5475681	4.476235

#1	19.47184	7.817618	-.237709	.0009155	16.85860	1.785882	.0383338
#2	19.65198	7.790529	-.239489	.0012162	16.84536	1.804679	.0351692
#3	19.56534	7.939835	-.242498	.0009050	17.15964	1.800326	.0360418

Sample Name: I3116-01 Acquired: 5/12/2017 15:23:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9666749	.0831955	.6229818
Stddev	.0037522	.0006439	.0009362
%RSD	.3881519	.7739854	.1502832

#1	.9626668	.0826807	.6221570
#2	.9672541	.0829883	.6239995
#3	.9701038	.0839176	.6227890

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1773.859	2657.595	59299.23	5486.682	2959.876
Stddev	9.275	14.428	200.49	7.276	18.232
%RSD	.5228859	.5428827	.3381017	.1326052	.6159625

#1	1784.561	2666.048	59529.84	5490.445	2969.679
#2	1768.156	2665.801	59166.25	5478.295	2971.109
#3	1768.859	2640.936	59201.61	5491.304	2938.840

Sample Name: I3116-02 Acquired: 5/12/2017 15:27:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2616946	-.006589	4.043264	-.026103	.0172189	63.60134	1.435668
Stddev	.0037466	.001217	.019760	.005398	.0011345	.04366	.002407
%RSD	1.431665	18.47390	.4887133	20.67919	6.588926	.0686533	.1676538

#1	.2602564	-.005498	4.065459	-.030637	.0185248	63.62843	1.436319
#2	.2588803	-.006366	4.027583	-.027539	.0164757	63.55097	1.437683
#3	.2659473	-.007902	4.036749	-.020132	.0166561	63.62461	1.433003

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099268	.1322518	249.9769	.0850039	.0531137	1.148484	130.3865
Stddev	.0000094	.0005452	.6343	.0001256	.0002596	.002607	.3897
%RSD	.0947418	.4122124	.2537628	.1477288	.4887525	.2270357	.2988843

#1	.0099159	.1328378	249.3456	.0848607	.0533392	1.150895	130.2890
#2	.0099319	.1321581	249.9710	.0850951	.0531720	1.145717	130.0548
#3	.0099326	.1317596	250.6142	.0850560	.0528299	1.148840	130.8157

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.150985	51.42672	.0896315	.0182508	1.334910	.2775238	6.632263
Stddev	.007981	.14837	.0012896	.0001808	.060510	.0024165	.015835
%RSD	.2532855	.2885113	1.438761	.9905555	4.532885	.8707254	.2387634

#1	3.141858	51.55455	.0911178	.0180472	1.370307	.2766420	6.635671
#2	3.156653	51.26402	.0888100	.0183924	1.265041	.2756720	6.615001
#3	3.154444	51.46160	.0889667	.0183128	1.369382	.2802573	6.646117

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.10560	8.012943	-.250874	.0011433	17.36838	1.873140	.0369008
Stddev	.04330	.045049	.001441	.0001594	.08384	.003691	.0006474
%RSD	.2153760	.5622017	.5742285	13.94517	.4827168	.1970284	1.754337

#1	20.07266	8.064960	-.250672	.0011705	17.46409	1.869407	.0373637
#2	20.15465	7.987236	-.252405	.0009720	17.30792	1.873228	.0361611
#3	20.08950	7.986633	-.249545	.0012874	17.33313	1.876786	.0371778

Sample Name: I3116-02 Acquired: 5/12/2017 15:27:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ6D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9950623	.0845537	.6408153
Stddev	.0045018	.0010357	.0007586
%RSD	.4524174	1.224898	.1183786

#1	.9920254	.0857402	.6399605
#2	.9929271	.0838304	.6410769
#3	1.000234	.0840905	.6414084

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1733.174	2603.134	58138.75	5331.463	2900.169
Stddev	8.992	7.545	190.69	4.969	10.814
%RSD	.5188077	.2898358	.3279994	.0932045	.3728794

#1	1743.516	2603.403	58330.81	5332.250	2889.468
#2	1728.801	2610.542	57949.45	5335.992	2911.093
#3	1727.205	2595.459	58136.00	5326.147	2899.947

Sample Name: I3116-03 Acquired: 5/12/2017 15:31:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3187610	.1210947	3.867375	.0667493	.1988940	64.33099	5.128407
Stddev	.0008328	.0004958	.007898	.0019753	.0003605	.22171	.011775
%RSD	.2612550	.4094533	.2042289	2.959265	.1812375	.3446422	.2295988

#1	.3182306	.1205227	3.860917	.0669322	.1984904	64.10344	5.120142
#2	.3197209	.1214022	3.865028	.0686267	.1990077	64.54636	5.141889
#3	.3183317	.1213593	3.876181	.0646889	.1991839	64.34316	5.123190

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0971122	.2199335	241.6397	.4513610	1.046023	1.561273	126.7664
Stddev	.0002048	.0007954	1.0545	.0016599	.002360	.003958	.8294
%RSD	.2109067	.3616797	.4363734	.3677530	.2256444	.2534844	.6542352

#1	.0972891	.2192121	241.1456	.4530004	1.043623	1.558136	125.8142
#2	.0968878	.2198017	242.8505	.4496814	1.046105	1.565719	127.3310
#3	.0971598	.2207866	240.9230	.4514013	1.048341	1.559964	127.1541

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.946177	48.91064	1.087181	.0557550	1.398524	1.213177	7.198915
Stddev	.021338	.29016	.003844	.0001960	.105705	.009915	.085598
%RSD	.5407177	.5932414	.3535399	.3514870	7.558323	.8172439	1.189035

#1	3.942917	48.59411	1.084621	.0555430	1.360932	1.205717	7.107459
#2	3.968957	48.97379	1.085321	.0559295	1.517887	1.209388	7.277106
#3	3.926656	49.16403	1.091601	.0557924	1.316753	1.224428	7.212179

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.22264	7.610299	-.240091	.0010353	16.56854	1.807853	.0362519
Stddev	.06178	.048902	.002129	.0001652	.10302	.005968	.0006655
%RSD	.3213923	.6425764	.8865456	15.95390	.6217578	.3301401	1.835826

#1	19.15158	7.599699	-.237849	.0011368	16.51205	1.804085	.0368072
#2	19.26356	7.567566	-.240338	.0008447	16.50613	1.804739	.0364343
#3	19.25279	7.663632	-.242085	.0011244	16.68745	1.814734	.0355142

Sample Name: I3116-03 Acquired: 5/12/2017 15:31:17 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MH0EZ6S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9534879	.0808901	.6095694
Stddev	.0039696	.0009907	.0014299
%RSD	.4163204	1.224709	.2345837

#1	.9498677	.0808918	.6080025
#2	.9577327	.0798986	.6099020
#3	.9528632	.0818799	.6108038

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1769.367	2664.322	59447.87	5457.824	2993.634
Stddev	12.302	17.225	103.75	20.860	15.558
%RSD	.6952657	.6465190	.1745172	.3822012	.5197038

#1	1783.566	2663.296	59544.30	5481.664	3000.272
#2	1761.894	2682.037	59461.23	5448.884	3004.773
#3	1762.642	2647.632	59338.10	5442.924	2975.858

Sample Name: I3072-15 Acquired: 5/12/2017 15:39:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0G2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090929	-.004980	.6218464	-.004156	.0013483	6.951463	.3753299
Stddev	.0009656	.000334	.0012839	.001498	.0008576	.052408	.0006283
%RSD	10.61873	6.697994	.2064690	36.03724	63.60658	.7539200	.1674044

#1	.0080310	-.004841	.6227921	-.003065	.0006064	6.947554	.3756184
#2	.0093296	-.005361	.6223624	-.003539	.0011512	6.901118	.3746092
#3	.0099182	-.004739	.6203848	-.005863	.0022872	7.005716	.3757621

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010436	.0039253	33.83513	.0464241	.0128029	.0258228	27.43436
Stddev	.0000663	.0000328	.19070	.0001913	.0000506	.0011743	.25519
%RSD	6.353161	.8360291	.5636126	.4121248	.3952393	4.547586	.9301915

#1	.0010440	.0039282	33.92118	.0462054	.0128287	.0254152	27.48380
#2	.0009771	.0039565	33.61657	.0465063	.0127446	.0271466	27.15806
#3	.0011097	.0038911	33.96764	.0465606	.0128355	.0249066	27.66121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8781850	5.034432	.0227825	-.000554	.1945417	.0420619	.2870868
Stddev	.0050500	.048165	.0007097	.000486	.0834272	.0018232	.0132709
%RSD	.5750495	.9567137	3.115182	87.62539	42.88396	4.334598	4.622616

#1	.8808235	5.071282	.0219930	-.000027	.2447719	.0436522	.2995523
#2	.8723623	4.979932	.0233676	-.000654	.2406149	.0400721	.2885726
#3	.8813692	5.052082	.0229868	-.000982	.0982382	.0424616	.2731355

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.119296	.5728020	-.061408	-.000310	1.292023	.7020764	.0005686
Stddev	.025757	.0014859	.000493	.000276	.012750	.0047302	.0001646
%RSD	21.59102	.2594098	.8025251	89.01337	.9867906	.6737394	28.94313

#1	-.090312	.5743079	-.061465	.000004	1.306488	.7061427	.0007236
#2	-.128011	.5713369	-.060889	-.000419	1.282417	.7032011	.0005863
#3	-.139566	.5727610	-.061870	-.000515	1.287165	.6968852	.0003959

Sample Name: I3072-15 Acquired: 5/12/2017 15:39:39 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0G2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2212125	.0016165	.0228162
Stddev	.0016015	.0001016	.0000393
%RSD	.7239452	6.283900	.1721858

#1	.2229207	.0014994	.0227804
#2	.2197450	.0016810	.0228582
#3	.2209718	.0016691	.0228099

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1713.246	2560.616	56612.66	4950.662	3592.010
Stddev	9.462	1.977	88.91	12.081	5.150
%RSD	.5522822	.0772044	.1570432	.2440218	.1433654

#1	1723.544	2561.452	56603.06	4947.663	3588.334
#2	1711.260	2562.038	56705.97	4963.959	3597.896
#3	1704.935	2558.359	56528.94	4940.363	3589.801

Sample Name: I3072-16 Acquired: 5/12/2017 15:43:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0G3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147788	-.005239	1.026279	-.009375	.0013154	7.847109	.3412758
Stddev	.0015217	.001354	.006257	.000760	.0003805	.026191	.0005097
%RSD	10.29622	25.83681	.6096319	8.109692	28.92306	.3337685	.1493498

#1	.0165083	-.003678	1.019807	-.008771	.0008828	7.816938	.3411222
#2	.0136457	-.006087	1.026736	-.009127	.0014651	7.860391	.3408606
#3	.0141823	-.005954	1.032295	-.010229	.0015982	7.863999	.3418447

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015291	.0045687	13.25451	.0587246	.0257044	.0283578	40.97645
Stddev	.0000601	.0000835	.08364	.0001835	.0000512	.0016366	.10124
%RSD	3.928078	1.827716	.6310389	.3125327	.1991940	5.771392	.2470673

#1	.0014855	.0045589	13.22443	.0586307	.0256685	.0277633	40.91270
#2	.0015042	.0046567	13.19007	.0586071	.0257630	.0271014	40.92346
#3	.0015976	.0044905	13.34903	.0589361	.0256816	.0302086	41.09318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.575381	2.753175	.0271829	-.000627	.2595360	.0722696	.3452987
Stddev	.008661	.047232	.0002965	.000236	.0982447	.0014420	.0127942
%RSD	.5497420	1.715537	1.090741	37.58318	37.85399	1.995321	3.705264

#1	1.572271	2.701955	.0268441	-.000634	.2702145	.0725872	.3306144
#2	1.568704	2.762562	.0273096	-.000388	.3520053	.0706952	.3540449
#3	1.585167	2.795009	.0273950	-.000859	.1563883	.0735263	.3512368

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.021117	.7796146	-.091693	-.000226	.6085356	.7330250	.0030451
Stddev	.014533	.0023650	.001162	.000044	.0046771	.0063633	.0006648
%RSD	68.81829	.3033511	1.267386	19.56988	.7685804	.8680841	21.83253

#1	-.036571	.7791462	-.092642	-.000180	.6032160	.7340600	.0024484
#2	-.007727	.7775189	-.090397	-.000268	.6103883	.7262076	.0029253
#3	-.019054	.7821787	-.092041	-.000230	.6120026	.7388072	.0037617

Sample Name: I3072-16 Acquired: 5/12/2017 15:43:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0G3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3100606	.0021555	.0137862
Stddev	.0018011	.0003524	.0000623
%RSD	.5808954	16.34959	.4522720

#1	.3098439	.0024580	.0138437
#2	.3083776	.0017685	.0137199
#3	.3119603	.0022399	.0137950

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1754.914	2649.175	57764.85	4999.211	3700.417
Stddev	11.171	13.078	138.81	15.419	20.206
%RSD	.6365324	.4936656	.2402946	.3084275	.5460368

#1	1758.786	2662.615	57790.79	5006.270	3722.772
#2	1742.323	2648.417	57614.91	5009.837	3695.023
#3	1763.634	2636.492	57888.86	4981.527	3683.456

Sample Name: I3072-17 Acquired: 5/12/2017 15:47:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0G3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165725	-.004009	1.038681	-.008425	.0008712	7.863026	.3394525
Stddev	.0014857	.000850	.005477	.004412	.0007010	.010563	.0004507
%RSD	8.964867	21.20973	.5273187	52.37059	80.46671	.1343319	.1327828

#1	.0157205	-.004581	1.032547	-.013262	.0002627	7.853068	.3392642
#2	.0182880	-.003032	1.040412	-.004622	.0016378	7.874104	.3399668
#3	.0157089	-.004413	1.043083	-.007390	.0007131	7.861905	.3391264

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015540	.0047441	13.16362	.0591850	.0258547	.0281308	40.84103
Stddev	.0000639	.0000168	.04583	.0002860	.0001419	.0005341	.15029
%RSD	4.114982	.3542025	.3481521	.4831770	.5487273	1.898534	.3679923

#1	.0016270	.0047629	13.21602	.0590456	.0257412	.0275815	40.76029
#2	.0015275	.0047389	13.14384	.0595139	.0260137	.0286482	40.74837
#3	.0015077	.0047306	13.13101	.0589954	.0258092	.0281627	41.01444

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.555668	2.788987	.0277789	-.000611	.1466258	.0741490	.3511452
Stddev	.002814	.028544	.0002137	.000153	.0642249	.0036823	.0120196
%RSD	.1808554	1.023471	.7694587	25.07399	43.80192	4.966133	3.422964

#1	1.557349	2.795994	.0275584	-.000603	.1482954	.0768294	.3373388
#2	1.557235	2.757592	.0279851	-.000462	.2099996	.0756673	.3592767
#3	1.552419	2.813376	.0277932	-.000768	.0815824	.0699502	.3568200

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.039775	.7888908	-.092536	-.000282	.6104111	.7400701	.0023555
Stddev	.035445	.0048795	.001070	.000218	.0107029	.0066290	.0002869
%RSD	89.11347	.6185251	1.156826	77.33326	1.753394	.8957246	12.18097

#1	-.001256	.7845246	-.091379	-.000432	.5992322	.7325088	.0024425
#2	-.047053	.7941580	-.093490	-.000382	.6114369	.7428192	.0025888
#3	-.071016	.7879899	-.092740	-.000032	.6205641	.7448822	.0020351

Sample Name: I3072-17 Acquired: 5/12/2017 15:47:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0G3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3100134	.0016296	.0137414
Stddev	.0014350	.0006912	.0000138
%RSD	.4628783	42.41373	.1000646

#1	.3083574	.0012407	.0137418
#2	.3108892	.0024276	.0137274
#3	.3107938	.0012205	.0137549

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.727	2630.714	57927.98	5022.808	3675.596
Stddev	8.764	13.525	7.56	7.122	18.309
%RSD	.4966005	.5141292	.0130588	.1417991	.4981101

#1	1760.736	2646.310	57926.74	5017.576	3696.734
#2	1774.775	2622.217	57936.09	5030.919	3665.332
#3	1758.668	2623.613	57921.11	5019.929	3664.722

Sample Name: I3072-18 Acquired: 5/12/2017 15:51:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0G3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0912686	.1243154	1.374073	.0794837	.1063881	13.42521	4.500880
Stddev	.0045076	.0025953	.006273	.0030743	.0004217	.46092	.148108
%RSD	4.938835	2.087684	.4565073	3.867822	.3963965	3.433263	3.290637

#1	.0874338	.1269857	1.370216	.0772582	.1065628	13.66972	4.588857
#2	.0901381	.1241583	1.370693	.0829915	.1059071	13.71235	4.583899
#3	.0962338	.1218023	1.381311	.0782012	.1066943	12.89355	4.329884

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0949883	.0965362	16.25854	.4971551	.9982204	.5283529	48.50537
Stddev	.0029916	.0001683	.60640	.0083625	.0019385	.0211778	1.76939
%RSD	3.149438	.1743657	3.729707	1.682067	.1941991	4.008272	3.647822

#1	.0962333	.0963506	16.61766	.4875197	.9973710	.5394142	49.46561
#2	.0971564	.0965789	16.59954	.5014255	.9968515	.5417097	49.58704
#3	.0915753	.0966791	15.55841	.5025202	1.000439	.5039348	46.46346

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.052684	3.466298	1.004391	.0402868	.3068871	1.102295	1.309094
Stddev	.107488	.109028	.001937	.0009155	.1100011	.041013	.029264
%RSD	3.521084	3.145363	.1928634	2.272426	35.84414	3.720675	2.235410

#1	3.109006	3.519833	1.002377	.0395247	.3709777	1.122030	1.294856
#2	3.120306	3.538209	1.004556	.0413023	.1798706	1.129709	1.342752
#3	2.928739	3.340851	1.006241	.0400333	.3698130	1.055145	1.289674

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1386241	.9473070	-.106007	-.000292	1.177395	.8670261	.0021980
Stddev	.0727404	.0030904	.003732	.000250	.007522	.0242387	.0008800
%RSD	52.47310	.3262322	3.520183	85.78665	.6388322	2.795613	40.03626

#1	.1683028	.9438377	-.107867	-.000048	1.169963	.8803920	.0011873
#2	.1918329	.9483181	-.108442	-.000548	1.177219	.8816394	.0027942
#3	.0557367	.9497652	-.101711	-.000280	1.185003	.8390469	.0026125

Sample Name: I3072-18 Acquired: 5/12/2017 15:51:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0G3S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3540762	.0026470	.0187244
Stddev	.0120429	.0001973	.0007446
%RSD	3.401229	7.452294	3.976624

#1	.3606822	.0027005	.0190359
#2	.3613706	.0028120	.0192627
#3	.3401759	.0024285	.0178746

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1767.941	2612.904	58086.81	5177.657	3589.508
Stddev	22.549	3.815	871.17	180.447	5.742
%RSD	1.275419	.1460063	1.499778	3.485118	.1599767

#1	1793.237	2616.754	59091.91	5077.793	3595.396
#2	1749.950	2612.832	57620.09	5069.217	3589.205
#3	1760.637	2609.125	57548.44	5385.961	3583.923

Sample Name: I3072-16LX5 Acquired: 5/12/2017 15:55:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0G3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017390	-.001568	.2150223	-.002434	.0002870	1.643375	.0703851
Stddev	.0011401	.000358	.0011944	.001582	.0008753	.009631	.0007798
%RSD	65.55966	22.80959	.5554593	64.99295	304.9853	.5860371	1.107947

#1	.0030099	-.001211	.2148432	-.000861	.0009649	1.645004	.0708596
#2	.0014012	-.001926	.2139276	-.002416	.0005972	1.652087	.0708106
#3	.0008060	-.001566	.2162961	-.004024	-.000701	1.633034	.0694850

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003165	.0009682	2.748003	.0114641	.0051071	.0055732	8.591985
Stddev	.0000448	.0000651	.001405	.0004853	.0001668	.0006223	.026908
%RSD	14.16303	6.720794	.0511111	4.233540	3.265196	11.16618	.3131748

#1	.0003379	.0008952	2.749088	.0114910	.0049458	.0058486	8.603583
#2	.0002650	.0009895	2.746416	.0119355	.0050966	.0060104	8.611149
#3	.0003466	.0010200	2.748504	.0109659	.0052788	.0048607	8.561223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3286930	.5948589	.0055376	-.000380	.0580061	.0142199	.0619611
Stddev	.0031752	.0313475	.0000932	.000059	.0841674	.0034754	.0037777
%RSD	.9660052	5.269731	1.682809	15.39658	145.1009	24.44021	6.096811

#1	.3310330	.5619497	.0054438	-.000398	.1417728	.0106608	.0662496
#2	.3299674	.6243673	.0055389	-.000315	.0588020	.0143940	.0591260
#3	.3250786	.5982599	.0056301	-.000427	-.026556	.0176050	.0605078

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.032792	.1617155	-.023015	-.000476	.1114045	.1573334	.0002773
Stddev	.022477	.0024481	.001662	.000112	.0005245	.0009551	.0003002
%RSD	68.54511	1.513856	7.222040	23.58077	.4707867	.6070847	108.2323

#1	-.015393	.1625588	-.021320	-.000558	.1108142	.1580188	.0005828
#2	-.058171	.1589572	-.024642	-.000348	.1115825	.1577390	-.000017
#3	-.024813	.1636306	-.023083	-.000522	.1118168	.1562424	.000266

Sample Name: I3072-16LX5 Acquired: 5/12/2017 15:55:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0G3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0647487	-.000266	.0027815
Stddev	.0010067	.000579	.0000505
%RSD	1.554844	217.6873	1.816735

#1	.0651804	-.000093	.0028397
#2	.0654676	.000207	.0027491
#3	.0635981	-.000912	.0027556

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1739.479	2624.196	56557.24	4807.677	3777.633
Stddev	7.761	6.507	168.88	44.779	12.354
%RSD	.4461399	.2479628	.2986007	.9313996	.3270313

#1	1735.925	2616.791	56363.53	4769.743	3763.821
#2	1734.132	2629.003	56673.50	4796.217	3781.448
#3	1748.380	2626.793	56634.69	4857.073	3787.630

Sample Name: I3072-19 Acquired: 5/12/2017 16:00:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0G4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129060	-.003933	.8411712	-.005836	.0001629	7.263783	.4068553
Stddev	.0018060	.001034	.0027140	.002441	.0010590	.066175	.0030087
%RSD	13.99382	26.27821	.3226429	41.83320	649.9440	.9110264	.7395086

#1	.0130739	-.004862	.8427151	-.004667	.0009474	7.188517	.4035120
#2	.0146223	-.004117	.8380375	-.004198	-.001042	7.312837	.4093449
#3	.0110219	-.002820	.8427610	-.008642	.000583	7.289996	.4077092

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011820	.0034343	15.89066	.0410847	.0183175	.0243734	31.31348
Stddev	.0000975	.0000583	.16997	.0001664	.0000679	.0006974	.20370
%RSD	8.252642	1.697162	1.069605	.4049374	.3707566	2.861311	.6505087

#1	.0011978	.0034758	15.69500	.0408963	.0182399	.0251272	31.08582
#2	.0010775	.0033676	15.97528	.0412113	.0183470	.0237511	31.47850
#3	.0012706	.0034593	16.00171	.0411466	.0183658	.0242418	31.37612

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.237661	3.809695	.0218736	-.000337	.1030168	.0502486	.2603261
Stddev	.009725	.043405	.0002302	.000034	.0849782	.0018532	.0128315
%RSD	.7857922	1.139341	1.052564	10.10699	82.48958	3.688100	4.929007

#1	1.228030	3.759609	.0217905	-.000301	.0091433	.0481457	.2456608
#2	1.237475	3.833132	.0216965	-.000368	.1746945	.0509570	.2694873
#3	1.247478	3.836344	.0221339	-.000342	.1252127	.0516431	.2658303

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.046449	.6706102	-.070716	-.000332	.6271508	.7976259	.0051999
Stddev	.029264	.0029419	.000850	.000091	.0060039	.0040421	.0006790
%RSD	63.00256	.4386860	1.201329	27.29607	.9573271	.5067656	13.05866

#1	-.072139	.6732369	-.069812	-.000300	.6335094	.7948995	.0050710
#2	-.014593	.6711623	-.070835	-.000262	.6215793	.7957083	.0059342
#3	-.052616	.6674314	-.071499	-.000435	.6263637	.8022698	.0045946

Sample Name: I3072-19 Acquired: 5/12/2017 16:00:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0G4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2445151	.0015840	.0151604
Stddev	.0009696	.0006374	.0001345
%RSD	.3965572	40.24028	.8872998

#1	.2435023	.0008492	.0150382
#2	.2446080	.0019142	.0151386
#3	.2454349	.0019884	.0153045

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1769.285	2620.044	57812.93	5004.284	3684.464
Stddev	2.327	5.892	43.02	24.630	7.510
%RSD	.1315075	.2248827	.0744206	.4921791	.2038355

#1	1771.141	2626.160	57763.65	5032.643	3692.962
#2	1766.675	2614.405	57843.02	4988.243	3681.714
#3	1770.040	2619.567	57832.13	4991.968	3678.717

Sample Name: I3072-20 Acquired: 5/12/2017 16:04:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0G5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096509	-.003819	.8458691	-.005685	.0006035	7.823377	.4145941
Stddev	.0006561	.000363	.0046036	.002719	.0008319	.020467	.0008777
%RSD	6.798243	9.499484	.5442420	47.83340	137.8377	.2616092	.2116901

#1	.0090518	-.004226	.8434364	-.005449	.0003082	7.804815	.4144125
#2	.0103521	-.003702	.8429923	-.008515	.0015428	7.819991	.4138215
#3	.0095488	-.003529	.8511787	-.003091	-.000040	7.845326	.4155484

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010693	.0034073	16.44809	.0386616	.0184238	.0248131	30.42696
Stddev	.0000598	.0000423	.04987	.0006307	.0002464	.0024078	.06250
%RSD	5.591595	1.240663	.3032243	1.631320	1.337626	9.703676	.2054076

#1	.0010597	.0033605	16.39335	.0382625	.0182299	.0266720	30.48968
#2	.0010149	.0034428	16.49096	.0393888	.0183403	.0220932	30.42650
#3	.0011334	.0034185	16.45996	.0383337	.0187011	.0256742	30.36469

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.331551	4.073537	.0219074	-.000544	.2080383	.0485348	.2568371
Stddev	.009150	.030578	.0001972	.000121	.1757527	.0047926	.0014190
%RSD	.6871695	.7506610	.9001374	22.28961	84.48092	9.874515	.5525044

#1	1.327471	4.086155	.0219661	-.000632	.1791084	.0440797	.2584043
#2	1.325150	4.038668	.0216875	-.000405	.0485455	.0536054	.2556392
#3	1.342031	4.095786	.0220686	-.000593	.3964611	.0479194	.2564679

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0675793	.6131999	-.068875	-.000468	.7318204	.8772584	.0022539
Stddev	.0477711	.0039163	.000986	.000207	.0041690	.0089964	.0009007
%RSD	70.68894	.6386606	1.431403	44.13356	.5696721	1.025518	39.96211

#1	.0127315	.6098058	-.067736	-.000241	.7326243	.8875693	.0027884
#2	.1000890	.6123090	-.069431	-.000519	.7273080	.8731980	.0012140
#3	.0899173	.6174849	-.069457	-.000645	.7355289	.8710078	.0027593

Sample Name: I3072-20 Acquired: 5/12/2017 16:04:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0G5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2429333	.0018169	.0170390
Stddev	.0025803	.0005886	.0001131
%RSD	1.062149	32.39789	.6635488

#1	.2458311	.0023736	.0170447
#2	.2420842	.0012008	.0169233
#3	.2408845	.0018763	.0171492

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1734.674	2591.289	57275.97	4977.551	3662.047
Stddev	6.590	7.203	229.46	13.898	11.003
%RSD	.3799253	.2779849	.4006182	.2792176	.3004604

#1	1731.230	2586.928	57054.41	4969.977	3660.188
#2	1730.520	2599.603	57260.91	4993.591	3673.861
#3	1742.273	2587.335	57512.59	4969.085	3652.092

Sample Name: I3072-21 Acquired: 5/12/2017 16:08:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0G6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0646300	-.018964	9.872257	-.040798	.0045158	83.50114	6.751529
Stddev	.0015967	.000418	.045361	.000511	.0010381	.18763	.019257
%RSD	2.470479	2.203430	.4594760	1.253713	22.98916	.2246997	.2852230

#1	.0630885	-.018750	9.851147	-.041115	.0037208	83.59248	6.773243
#2	.0662766	-.018697	9.841299	-.040208	.0041363	83.28533	6.736526
#3	.0645251	-.019446	9.924326	-.041070	.0056903	83.62560	6.744817

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084272	.0471348	109.4521	.1134942	.1723993	.3352027	173.5600
Stddev	.0001958	.0003162	.3901	.0007264	.0010659	.0016229	.4110
%RSD	2.323218	.6707460	.3563976	.6400227	.6182957	.4841543	.2368328

#1	.0086367	.0467742	109.0190	.1141569	.1729269	.3364822	173.0898
#2	.0083960	.0472657	109.7759	.1136080	.1711725	.3357487	173.8513
#3	.0082489	.0473644	109.5613	.1127176	.1730986	.3333772	173.7389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.81915	57.28050	.2061007	-.001604	1.222421	.2494313	2.688807
Stddev	.03202	.14307	.0012208	.000137	.025462	.0029548	.021997
%RSD	.2498151	.2497659	.5923195	8.536438	2.082893	1.184616	.8180981

#1	12.78237	57.22089	.2047594	-.001602	1.224182	.2527808	2.665136
#2	12.83421	57.17687	.2063957	-.001468	1.246956	.2471941	2.692663
#3	12.84086	57.44373	.2071469	-.001742	1.196124	.2483190	2.708620

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.945951	3.923531	-.372274	.0002605	7.036352	2.238278	.0122234
Stddev	.052829	.017536	.000124	.0003207	.014930	.001671	.0017464
%RSD	.7605670	.4469410	.0332406	123.1506	.2121832	.0746546	14.28764

#1	6.978720	3.911430	-.372298	.0005317	7.036405	2.240011	.0141891
#2	6.885008	3.915522	-.372140	-.000094	7.021396	2.236676	.0116309
#3	6.974127	3.943642	-.372384	.000343	7.051256	2.238149	.0108503

Sample Name: I3072-21 Acquired: 5/12/2017 16:08:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0G6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5739233	.0506774	.1144896
Stddev	.0020629	.0004005	.0002431
%RSD	.3594309	.7902316	.2123473

#1	.5742641	.0509845	.1147703
#2	.5757945	.0502244	.1143519
#3	.5717112	.0508233	.1143466

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.190	2782.495	61407.04	5523.471	3120.310
Stddev	11.541	4.727	142.75	7.457	11.143
%RSD	.6237518	.1698997	.2324575	.1350093	.3570971

#1	1850.568	2781.529	61264.05	5531.714	3113.789
#2	1861.538	2787.631	61407.53	5517.194	3133.176
#3	1838.466	2778.325	61549.54	5521.505	3113.966

Sample Name: I3072-22 Acquired: 5/12/2017 16:12:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0G7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0602733	-.016204	9.388162	-.034770	.0034746	70.11717	5.662740
Stddev	.0013094	.001255	.015944	.003549	.0009105	.13256	.014224
%RSD	2.172437	7.746363	.1698328	10.20585	26.20621	.1890585	.2511887

#1	.0593598	-.017575	9.402803	-.031062	.0029672	70.08781	5.659850
#2	.0617734	-.015924	9.371175	-.035115	.0029307	70.00175	5.650183
#3	.0596867	-.015112	9.390509	-.038134	.0045258	70.26195	5.678188

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081482	.0453043	105.9126	.1130796	.1609420	.3304567	163.2096
Stddev	.0000783	.0002290	.1833	.0002409	.0006168	.0006587	.1637
%RSD	.9611060	.5055354	.1730857	.2129923	.3832593	.1993226	.1002807

#1	.0081609	.0455674	106.0393	.1129403	.1616419	.3297288	163.2349
#2	.0080643	.0451957	105.9960	.1129408	.1604776	.3306297	163.3591
#3	.0082194	.0451498	105.7024	.1133577	.1607066	.3310116	163.0347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.17619	54.54802	.1963991	-.001347	1.261671	.2277626	2.570671
Stddev	.03285	.07630	.0003211	.000409	.159599	.0035219	.017954
%RSD	.2697828	.1398850	.1634918	30.38652	12.64984	1.546315	.6984350

#1	12.21327	54.57488	.1964216	-.001139	1.310642	.2252485	2.573402
#2	12.15074	54.46191	.1960674	-.001084	1.391046	.2262514	2.551508
#3	12.16454	54.60725	.1967084	-.001819	1.083324	.2317880	2.587104

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.838390	3.763487	-.351962	.0004218	6.418279	2.149878	.0166349
Stddev	.019025	.009253	.000633	.0000417	.016738	.013079	.0018533
%RSD	.3258632	.2458711	.1799144	9.881281	.2607934	.6083806	11.14100

#1	5.836860	3.772879	-.352365	.0003838	6.423541	2.149824	.0166965
#2	5.820175	3.754379	-.352289	.0004664	6.399542	2.162985	.0147517
#3	5.858133	3.763203	-.351232	.0004152	6.431754	2.136826	.0184567

Sample Name: I3072-22 Acquired: 5/12/2017 16:12:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA0G7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5009548	.0418005	.1017543
Stddev	.0018105	.0006937	.0000761
%RSD	.3614104	1.659559	.0748340

#1	.4994140	.0412116	.1017701
#2	.5005016	.0416248	.1016715
#3	.5029489	.0425652	.1018213

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.910	2775.427	61186.90	5484.404	3147.523
Stddev	14.049	8.650	61.03	9.907	5.580
%RSD	.7623277	.3116730	.0997517	.1806478	.1772839

#1	1827.538	2783.329	61122.55	5474.940	3145.892
#2	1855.085	2776.767	61243.97	5483.569	3153.737
#3	1846.108	2766.185	61194.19	5494.702	3142.940

Sample Name: PB98870BL Acquired: 5/12/2017 16:16:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PB98870BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003126	-.001572	.0002230	-.001174	-.000006	-.006913	-.000414
Stddev	.0009084	.000901	.0003680	.000274	.001098	.007555	.000507
%RSD	290.6433	57.35266	165.0205	23.37858	17271.20	109.2891	122.3114

#1	.0010594	-.000584	-.000114	-.001388	.001039	-.008771	-.000891
#2	.0005771	-.001781	.000616	-.000864	-.001151	-.013365	-.000470
#3	-.000699	-.002350	.000168	-.001269	.000093	.001398	.000118

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000284	-.000089	-.003474	-.000559	-.000067	.0008352	-.014047
Stddev	.0000319	.000031	.009221	.000243	.000131	.0010323	.019407
%RSD	112.5504	34.43475	265.3845	43.54018	196.0924	123.6059	138.1551

#1	.0000618	-.000065	.005453	-.000511	-.000142	-.000313	-.031590
#2	-.000002	-.000123	-.012963	-.000343	-.000143	.001688	-.017351
#3	.000025	-.000078	-.002914	-.000823	.000084	.001131	.006799

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001972	.0110213	.0001054	-.000093	-.074157	-.002816	.0025314
Stddev	.0003927	.0542463	.0002676	.000116	.074478	.003526	.0076219
%RSD	199.1208	492.1975	253.9905	124.5808	100.4336	125.2117	301.0903

#1	-.000219	-.049964	.0002362	-.000223	-.028443	-.006164	.0079351
#2	.000561	.053895	.0002824	.000000	-.160099	-.003147	-.006187
#3	.000250	.029132	-.000203	-.000057	-.033929	.000864	.005846

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.101511	-.000472	-.005108	-.000365	-.022016	-.000195	-.000398
Stddev	.023501	.001722	.000605	.000075	.008691	.000284	.000095
%RSD	23.15121	364.8300	11.84338	20.55021	39.47358	145.4255	23.95016

#1	-.128059	.001477	-.005391	-.000394	-.016704	-.000319	-.000362
#2	-.083368	-.001108	-.005521	-.000420	-.017299	-.000396	-.000506
#3	-.093106	-.001785	-.004414	-.000280	-.032045	.000129	-.000326

Sample Name: PB98870BL Acquired: 5/12/2017 16:16:23 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PB98870BL Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002201	-.000965	-.000204
Stddev	.0004067	.001058	.000039
%RSD	184.8097	109.6264	19.17815

#1	-.000082	-.001989	-.000215
#2	.000059	-.001032	-.000160
#3	.000683	.000125	-.000236

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.319	2629.398	56688.22	4810.468	3865.639
Stddev	13.133	6.441	224.34	17.869	7.040
%RSD	.7490355	.2449765	.3957389	.3714703	.1821160

#1	1738.182	2622.220	56471.29	4810.804	3857.678
#2	1760.088	2631.299	56674.07	4792.432	3871.045
#3	1761.686	2634.675	56919.30	4828.167	3868.193

Sample Name: PB98870BS Acquired: 5/12/2017 16:20:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PB98870BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169938	.0536204	.0197155	.0662954	.1196376	.3893226
Stddev	.0026947	.0010013	.0008835	.0005227	.0011039	.0064505
%RSD	15.85704	1.867443	4.481481	.7884430	.9227042	1.656852

#1	.0198954	.0539655	.0207180	.0659000	.1186632	.3877930
#2	.0145699	.0544036	.0193785	.0660981	.1208365	.3837745
#3	.0165161	.0524922	.0190501	.0668880	.1194131	.3964005

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4073787	.0102499	.0096998	9.990953	.0233818	.0955047
Stddev	.0006710	.0000727	.0000660	.043714	.0007390	.0006320
%RSD	.1647216	.7096990	.6799264	.4375358	3.160587	.6617444

#1	.4077495	.0103101	.0096933	9.949025	.0225813	.0957131
#2	.4066041	.0101691	.0096373	9.987577	.0235260	.0947948
#3	.4077825	.0102706	.0097687	10.03626	.0240380	.0960061

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0520510	.2199759	.0318959	9.710405	.0792295	.0190933
Stddev	.0008895	.0044102	.0005239	.040380	.0001320	.0002751
%RSD	1.708876	2.004864	1.642529	.4158438	.1665869	1.440900

#1	.0530731	.2246743	.0325006	9.686148	.0793609	.0187930
#2	.0516276	.2193279	.0316087	9.757019	.0792307	.0191536
#3	.0514523	.2159255	.0315785	9.688047	.0790969	.0193333

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.614871	.1067469	.1112550	9.136231	F .0309499	F .0162166
Stddev	.093452	.0053617	.0041543	.029174	.0019434	.0014089
%RSD	.9719569	5.022830	3.734016	.3193190	6.279231	8.688000

#1	9.708657	.1030284	.1151887	9.134129	.0331938	.0162067
#2	9.521755	.1128931	.1069106	9.166398	.0298513	.0176305
#3	9.614201	.1043193	.1116658	9.108165	.0298047	.0148127

Sample Name: PB98870BS Acquired: 5/12/2017 16:20:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PB98870BS Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224441	.4375133	.2029321	F .0152711	.2057680	.0916077
Stddev	.0001318	.0072756	.0014902	.0004412	.0018191	.0004590
%RSD	.5870602	1.662952	.7343316	2.889155	.8840536	.5009897

#1	.0224048	.4295926	.2043184	.0150126	.2068155	.0919303
#2	.0223364	.4438990	.2013561	.0157806	.2036675	.0910823
#3	.0225910	.4390482	.2031217	.0150201	.2068210	.0918105

Elem	Sr4077
Units	ppm
Avg	.2111758
Stddev	.0006469
%RSD	.3063176

#1	.2114257
#2	.2116604
#3	.2104412

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1698.105	2528.435	55482.15	4874.001	3604.109
Stddev	31.156	2.895	743.77	2.954	8.160
%RSD	1.834770	.1145017	1.340551	.0605977	.2264211

#1	1730.287	2527.203	56266.61	4875.916	3599.380
#2	1695.940	2531.742	55392.65	4870.600	3613.532
#3	1668.087	2526.360	54787.18	4875.488	3599.415

Sample Name: I3073-01 Acquired: 5/12/2017 16:24:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0G8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0690473	-.021409	11.35958	-.044807	.0036609	79.72328	6.863071
Stddev	.0018726	.003474	.11568	.004298	.0007838	2.58444	.233943
%RSD	2.712085	16.22642	1.018337	9.591437	21.40933	3.241760	3.408729

#1	.0710622	-.025292	11.38933	-.041602	.0043842	81.49039	7.020324
#2	.0673602	-.018596	11.45749	-.049691	.0037704	76.75711	6.594226
#3	.0687194	-.020338	11.23194	-.043130	.0028281	80.92236	6.974662

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089181	.0544820	122.4971	.1166283	.1954359	.3584131	179.2275
Stddev	.0001807	.0006418	3.7394	.0027956	.0024129	.0135890	5.4692
%RSD	2.026257	1.178085	3.052623	2.397034	1.234633	3.791438	3.051552

#1	.0090957	.0544163	124.7437	.1167833	.1962540	.3662685	182.9846
#2	.0087344	.0551542	118.1805	.1193432	.1973334	.3427218	172.9528
#3	.0089241	.0538756	124.5673	.1137584	.1927203	.3662489	181.7449

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.14978	63.47349	.2371582	-.002124	1.307793	.2553303	2.889285
Stddev	.42699	1.93261	.0026612	.000775	.109053	.0063155	.077391
%RSD	3.017671	3.044754	1.122110	36.51545	8.338699	2.473477	2.678554

#1	14.40689	64.91805	.2375306	-.001751	1.181904	.2590756	2.937523
#2	13.65688	61.27815	.2396136	-.003015	1.373289	.2480386	2.930314
#3	14.38556	64.22429	.2343305	-.001605	1.368185	.2588766	2.800019

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.853096	4.361064	-.390074	.0007090	7.974500	3.592377	.0104689
Stddev	.261032	.047475	.008910	.0001159	.101506	.090210	.0009066
%RSD	3.808968	1.088614	2.284150	16.34400	1.272887	2.511137	8.659590

#1	7.024171	4.362556	-.398591	.0008163	7.997178	3.673683	.0108577
#2	6.552645	4.407776	-.380818	.0005861	8.062750	3.495335	.0094328
#3	6.982472	4.312860	-.390814	.0007248	7.863573	3.608114	.0111162

Sample Name: I3073-01 Acquired: 5/12/2017 16:24:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA0G8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6379146	.0491903	.1179662
Stddev	.0191400	.0018429	.0038130
%RSD	3.000396	3.746482	3.232278

#1	.6515178	.0501282	.1206948
#2	.6160281	.0470671	.1136094
#3	.6461978	.0503756	.1195944

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1890.404	2807.667	62167.87	5642.016	3057.649
Stddev	52.226	12.109	1381.74	136.167	27.075
%RSD	2.762676	.4312853	2.222595	2.413441	.8854880

#1	1885.381	2797.127	61821.07	5549.001	3043.871
#2	1840.871	2804.981	60992.57	5798.308	3040.234
#3	1944.959	2820.894	63689.98	5578.740	3088.842

Sample Name: I3116-01LX5 Acquired: 5/12/2017 16:28:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0484735	-.001431	.7142416	-.006316	.0045295	11.91476	.2761784
Stddev	.0015037	.001106	.0023085	.002900	.0005003	.03847	.0013780
%RSD	3.102121	77.29149	.3232023	45.91526	11.04504	.3228432	.4989420

#1	.0489486	-.002697	.7165074	-.005525	.0051072	11.95505	.2769362
#2	.0496822	-.000936	.7143246	-.003894	.0042391	11.87842	.2745878
#3	.0467896	-.000659	.7118927	-.009530	.0042423	11.91080	.2770111

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020525	.0227271	49.33102	.0171599	.0084074	.2203327	26.03899
Stddev	.0000222	.0001371	.04276	.0005935	.0002216	.0020280	.06125
%RSD	1.082466	.6032774	.0866759	3.458855	2.635765	.9204218	.2352258

#1	.0020522	.0228564	49.36686	.0167764	.0081558	.2220632	26.10792
#2	.0020749	.0227415	49.34251	.0168598	.0085737	.2208337	26.01826
#3	.0020305	.0225834	49.28369	.0178436	.0084928	.2181011	25.99080

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6464963	9.781028	.0152110	.0034078	.2855341	.0546704	1.192452
Stddev	.0029113	.074792	.0001850	.0002841	.1103825	.0026628	.023625
%RSD	.4503146	.7646627	1.216487	8.336784	38.65825	4.870713	1.981190

#1	.6498105	9.862927	.0153735	.0030804	.3411881	.0516051	1.165387
#2	.6443520	9.763813	.0152499	.0035536	.1584032	.0564116	1.203029
#3	.6453264	9.716345	.0150096	.0035895	.3570110	.0559946	1.208941

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.575173	1.291208	-.053296	-.000384	2.815179	.3830337	.0058321
Stddev	.019217	.005713	.001171	.000143	.022286	.0033862	.0007135
%RSD	.5375059	.4424286	2.196301	37.36780	.7916460	.8840541	12.23322

#1	3.554019	1.292100	-.053368	-.000507	2.832534	.3854936	.0066398
#2	3.579948	1.296422	-.054428	-.000418	2.822955	.3844359	.0052881
#3	3.591552	1.285102	-.052091	-.000226	2.790046	.3791716	.0055683

Sample Name: I3116-01LX5 Acquired: 5/12/2017 16:28:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ6L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1914969	.0141115	.1221748
Stddev	.0010485	.0006405	.0001328
%RSD	.5475258	4.538937	.1086532

#1	.1912001	.0148324	.1221097
#2	.1926618	.0138942	.1220872
#3	.1906288	.0136079	.1223275

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1763.371	2636.302	57118.70	4948.787	3505.896
Stddev	3.958	22.956	193.24	13.490	23.405
%RSD	.2244614	.8707784	.3383136	.2725973	.6675958

#1	1761.395	2621.560	57035.61	4933.246	3492.472
#2	1767.929	2624.593	57339.59	4955.648	3492.294
#3	1760.790	2662.752	56980.91	4957.469	3532.921

Sample Name: I3116-01A Acquired: 5/12/2017 16:32:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8786214	-.007076	3.778063	.0469595	.0166835	58.98291	1.338118
Stddev	.0077098	.001771	.011743	.0066039	.0012229	.11284	.005467
%RSD	.8774864	25.03428	.3108151	14.06300	7.329793	.1913027	.4085306

#1	.8723669	-.008430	3.767053	.0473119	.0159344	58.88915	1.341834
#2	.8762621	-.007727	3.776713	.0533802	.0160215	59.10814	1.340679
#3	.8872352	-.005071	3.790422	.0401865	.0180947	58.95145	1.331841

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1014892	.1241571	236.3802	.0814727	.0496412	1.070637	121.2060
Stddev	.0005058	.0001580	.4467	.0005629	.0003113	.005414	.5619
%RSD	.4983805	.1272455	.1889720	.6909163	.6270591	.5056544	.4635515

#1	.1015412	.1240424	236.1721	.0821169	.0499984	1.071802	120.5955
#2	.1019670	.1240915	236.8929	.0810756	.0494971	1.075374	121.3212
#3	.1009594	.1243373	236.0754	.0812256	.0494280	1.064736	121.7014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.988551	47.69880	.0838951	.0172438	1.510263	.2579143	6.111818
Stddev	.003274	.16230	.0010474	.0002244	.156241	.0035311	.060180
%RSD	.1095513	.3402690	1.248411	1.301589	10.34526	1.369080	.9846509

#1	2.990474	47.55731	.0826873	.0171156	1.365371	.2617180	6.068951
#2	2.990408	47.66310	.0844460	.0175030	1.489619	.2572841	6.085887
#3	2.984771	47.87598	.0845521	.0171128	1.675799	.2547408	6.180617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.65023	7.479194	-.237073	.0006408	16.20161	1.907509	.0349457
Stddev	.04791	.024606	.003116	.0002991	.07634	.005889	.0004652
%RSD	.2568735	.3289882	1.314298	46.66933	.4711571	.3087481	1.331122

#1	18.69958	7.475619	-.237867	.0003051	16.15778	1.910700	.0353701
#2	18.64719	7.456571	-.239714	.0008788	16.15730	1.911115	.0344484
#3	18.60391	7.505391	-.233637	.0007385	16.28975	1.900713	.0350186

Sample Name: I3116-01A Acquired: 5/12/2017 16:32:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0EZ6A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9287135	.0781828	.5963338
Stddev	.0022516	.0001698	.0015187
%RSD	.2424455	.2171155	.2546788

#1	.9263021	.0782140	.5960453
#2	.9290774	.0783348	.5979760
#3	.9307610	.0779996	.5949800

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1780.959	2685.349	59015.35	5417.372	2987.023
Stddev	3.289	5.308	53.20	12.634	6.991
%RSD	.1846792	.1976604	.0901453	.2332187	.2340421

#1	1779.086	2691.034	59011.70	5419.494	2994.707
#2	1784.757	2684.490	59070.29	5403.811	2981.039
#3	1779.034	2680.523	58964.08	5428.811	2985.323

Sample Name: CCV012 Acquired: 5/12/2017 16:41:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.977225	4.813305	24.32889	4.866670	4.963406	416.6642
Stddev	.030871	.006502	.07656	.033664	.043151	1.1183
%RSD	.6202443	.1350787	.3147004	.6917270	.8693891	.2683826

#1	4.998187	4.805839	24.31494	4.874185	4.990636	417.7188
#2	4.941775	4.816356	24.26026	4.829884	4.913654	416.7821
#3	4.991713	4.817721	24.41147	4.895942	4.985929	415.4917

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.10035	.5157650	2.504798	403.4035	15.38829	2.488665
Stddev	.01731	.0023382	.007133	.7831	.04634	.007781
%RSD	.1713944	.4533527	.2847876	.1941223	.3011551	.3126476

#1	10.11808	.5177462	2.501201	403.0725	15.41679	2.483057
#2	10.09948	.5163630	2.500179	404.2977	15.33482	2.485390
#3	10.08349	.5131859	2.513013	402.8402	15.41326	2.497548

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.19058	407.5896	14.56853	410.0156	2.472190	1.281795
Stddev	.03140	1.4362	.02245	.8653	.004765	.002610
%RSD	.2067181	.3523585	.1540758	.2110469	.1927325	.2036274

#1	15.22616	408.8003	14.59253	410.8866	2.469813	1.283783
#2	15.17881	407.9659	14.56500	410.0042	2.469082	1.278840
#3	15.16676	406.0028	14.54805	409.1560	2.477676	1.282763

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	397.8802	2.502645	14.55755	158.2856	5.121892	F 4.393704
Stddev	1.1966	.014496	.08230	.3723	.018975	.023006
%RSD	.3007521	.5792390	.5653447	.2351916	.3704617	.5236053

#1	398.2651	2.518145	14.47321	158.4427	5.109380	4.414282
#2	398.8371	2.500369	14.63765	158.5535	5.112571	4.397964
#3	396.5385	2.489422	14.56180	157.8605	5.143724	4.368866

Sample Name: CCV012 Acquired: 5/12/2017 16:41:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV012 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.901615	4.057127	5.066582	4.968261	5.015926	5.092832
Stddev	.027750	.007252	.022860	.011509	.021065	.010160
%RSD	.5661473	.1787591	.4511870	.2316558	.4199590	.1995017

#1	4.919489	4.059501	5.081275	4.970430	5.037711	5.104262
#2	4.869646	4.048985	5.078226	4.955822	5.014403	5.089404
#3	4.915710	4.062895	5.040244	4.978532	4.995665	5.084828

Elem	Sr4077
Units	ppm
Avg	5.108156
Stddev	.005980
%RSD	.1170725

#1	5.115042
#2	5.104267
#3	5.105158

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1397.109	2112.074	46912.33	4370.633	2435.135
Stddev	.972	13.613	148.95	19.093	9.528
%RSD	.0695767	.6445441	.3175114	.4368436	.3912722

#1	1397.786	2101.142	46778.31	4353.877	2430.436
#2	1395.995	2127.322	47072.70	4366.604	2446.100
#3	1397.545	2107.757	46886.00	4391.419	2428.870

Sample Name: CCB012 Acquired: 5/12/2017 16:45:35 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007930	.0001049	-.000384	-.002117	-.000120	-.005411	-.000301
Stddev	.0013118	.0008753	.001412	.001183	.000940	.006487	.000407
%RSD	165.4251	834.0371	367.4189	55.88689	785.0634	119.8803	135.0362

#1	-.000630	-.000677	-.002014	-.001771	-.001168	.002079	-.000698
#2	.001954	.001050	.000394	-.001145	.000162	-.009150	.000115
#3	.001056	-.000059	.000468	-.003434	.000648	-.009163	-.000321

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000220	-.000030	.0039155	-.000084	-.000137	.0006521	-.015811
Stddev	.0000085	.000098	.0107863	.000127	.000168	.0007155	.002648
%RSD	38.92906	330.9593	275.4764	152.0594	122.7530	109.7234	16.74982

#1	.0000184	-.000128	.0144414	-.000207	-.000009	.0006638	-.016349
#2	.0000158	.000069	.0044189	-.000091	-.000074	-.000069	-.012935
#3	.0000317	-.000030	-.007114	.000047	-.000327	.001362	-.018149

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000194	.0046835	-.000049	-.000228	-.006963	.0017606	-.005087
Stddev	.000469	.0543157	.000021	.000026	.037273	.0017740	.005903
%RSD	241.5303	1159.716	42.18583	11.37668	535.2667	100.7615	116.0345

#1	-.000148	-.053262	-.000026	-.000235	.035355	-.000275	-.000419
#2	-.000685	.054439	-.000066	-.000199	-.021334	.002577	-.011722
#3	.000250	.012873	-.000055	-.000250	-.034912	.002979	-.003120

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.017250	.0001491	.0021070	.0002496	-.021019	-.000780	-.000255
Stddev	.019131	.0014922	.0006680	.0002518	.005607	.001501	.001217
%RSD	110.9032	1000.577	31.70204	100.8848	26.67659	192.3831	477.8253

#1	-.006258	.0006217	.0024715	.0005290	-.026237	.000785	.001150
#2	-.039340	.0013478	.0025135	.0001799	-.021730	-.000918	-.001003
#3	-.006152	-.001522	.0013361	.0000400	-.015091	-.002208	-.000911

Sample Name: CCB012 Acquired: 5/12/2017 16:45:35 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v9) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB012 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000164	.0004776	-.000055
Stddev	.000293	.0004188	.000041
%RSD	178.3039	87.67358	73.23915

#1	-.000498	.0007734	-.000013
#2	.000051	.0006611	-.000094
#3	-.000046	-.000002	-.000060

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1779.162	2665.747	57356.22	4808.851	3908.434
Stddev	10.508	8.032	209.83	41.557	12.895
%RSD	.5906193	.3013047	.3658426	.8641803	.3299382

#1	1777.179	2656.502	57250.15	4761.316	3894.026
#2	1769.787	2669.721	57220.59	4826.932	3918.893
#3	1790.520	2671.017	57597.91	4838.304	3912.383