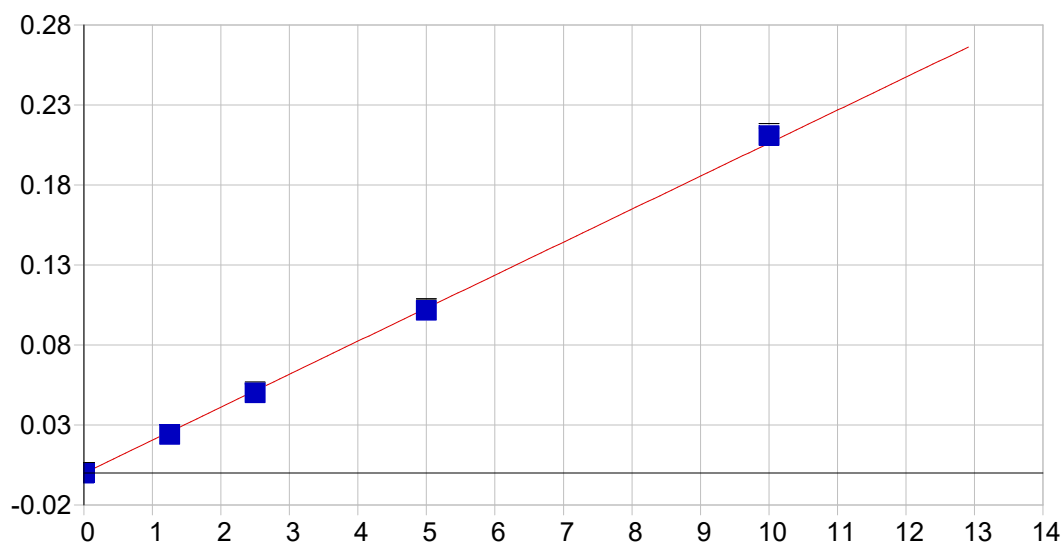


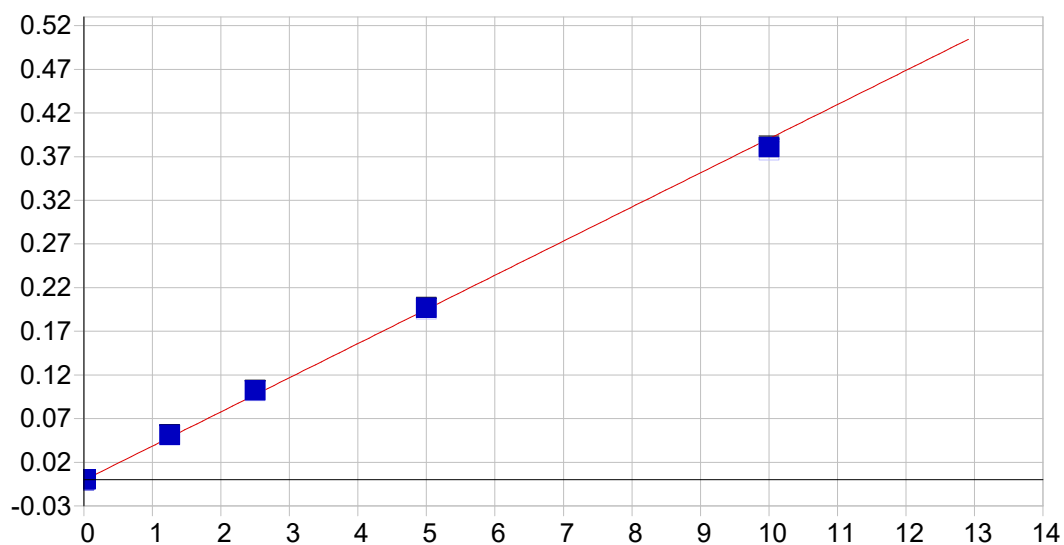


As 189.042 {479}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000119 Re-Slope: 1.000000
 A1 (Gain): 0.020627 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999625 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.012205
 Predicted MQL: 0.040682

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.01000	.00756	-.002	-24.4	.00004	.000	1
S2	1.2500	1.1675	-.082	-6.60	.02397	.000	1
S3	2.5000	2.4269	-.073	-2.92	.04995	.001	1
S4	5.0000	4.9337	-.066	-1.33	.10167	.001	1
S5	10.000	10.224	.224	2.24	.21082	.001	1

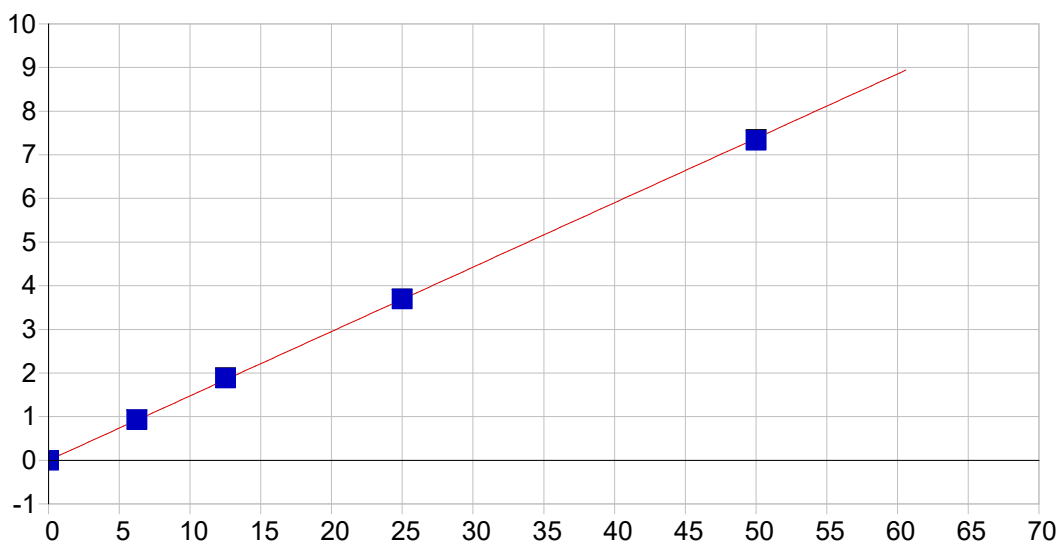


TI 190.856 {477}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000547 Re-Slope: 1.000000
 A1 (Gain): 0.039111 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999515 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.005361
 Predicted MQL: 0.017869

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00055	.000	1
S1	.02500	.02644	.001	5.75	.00044	.000	1
S2	1.2500	1.3232	.073	5.86	.05076	.000	1
S3	2.5000	2.6304	.130	5.22	.10144	.000	1
S4	5.0000	5.0461	.046	.921	.19503	.001	1
S5	10.000	9.7489	-.251	-2.51	.37718	.002	1

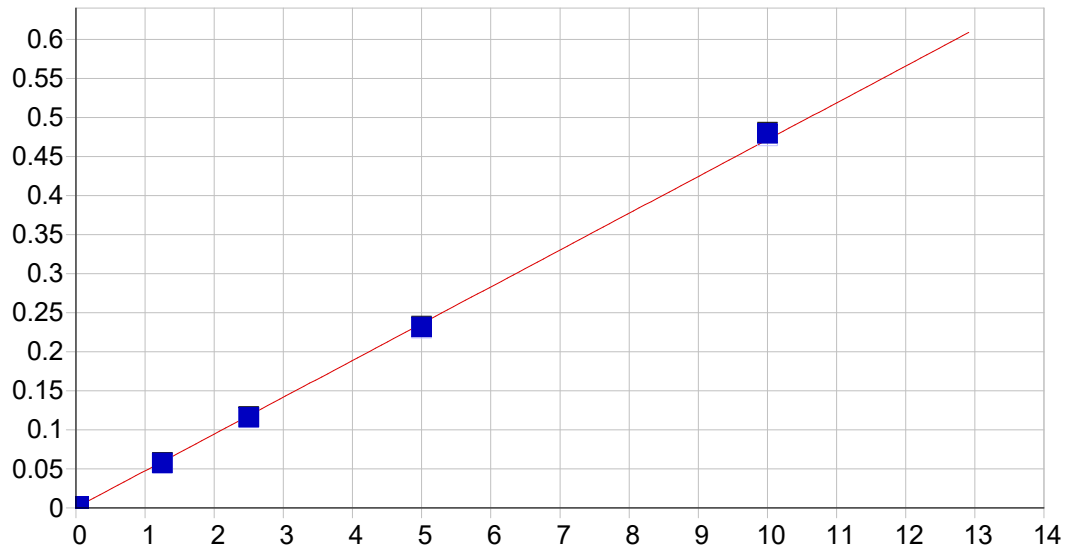


Pb 220.353 {453}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000208 Re-Slope: 1.000000
 A1 (Gain): 0.147553 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999956 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.002855
 Predicted MQL: 0.009517

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00021	.000	1
S1	.01000	.00999	-.000	-.092	.00127	.000	1
S2	6.2500	6.2773	.027	.437	.92600	.005	1
S3	12.500	12.777	.277	2.22	1.8850	.007	1
S4	25.000	25.008	.008	.033	3.6897	.006	1
S5	50.000	49.687	-.313	-.625	7.3311	.016	1

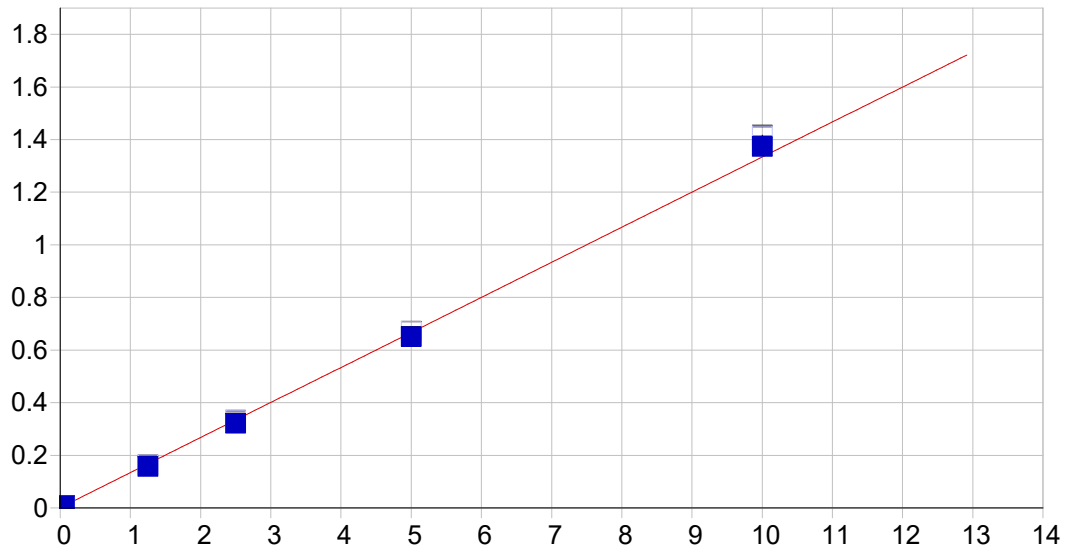


Se 196.090 {472}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000378 Re-Slope: 1.000000
 A1 (Gain): 0.047108 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999825 Status: OK.
 Std Error of Est: 0.000027
 Predicted MDL: 0.007070
 Predicted MQL: 0.023566

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.03500	.03550	.000	1.42	.00205	.000	1
S2	1.2500	1.2109	-.039	-3.13	.05699	.000	1
S3	2.5000	2.4571	-.043	-1.72	.11527	.001	1
S4	5.0000	4.9105	-.089	-1.79	.22999	.001	1
S5	10.000	10.171	.171	1.71	.47610	.001	1

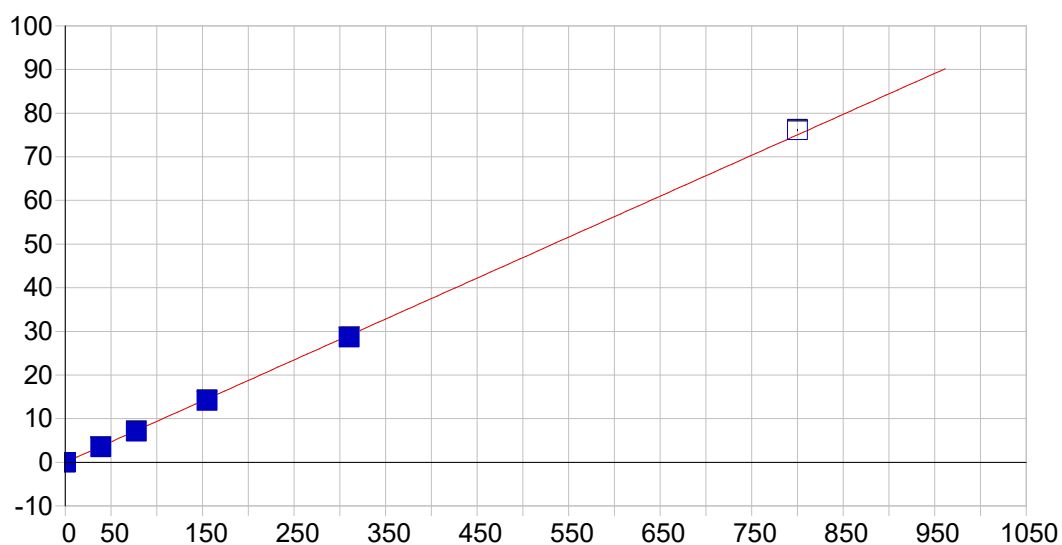


Sb 206.833 {463}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000857 Re-Slope: 1.000000
 A1 (Gain): 0.133259 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999489 Status: OK.
 Std Error of Est: 0.000181
 Predicted MDL: 0.003180
 Predicted MQL: 0.010601

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00086	.000	1
S1	.06000	.05731	-.003	-4.48	.00849	.000	1
S2	1.2500	1.1742	-.076	-6.06	.16242	.000	1
S3	2.5000	2.4061	-.094	-3.76	.33166	.001	1
S4	5.0000	4.8732	-.127	-2.54	.67059	.001	1
S5	10.000	10.299	.299	2.99	1.4140	.003	1

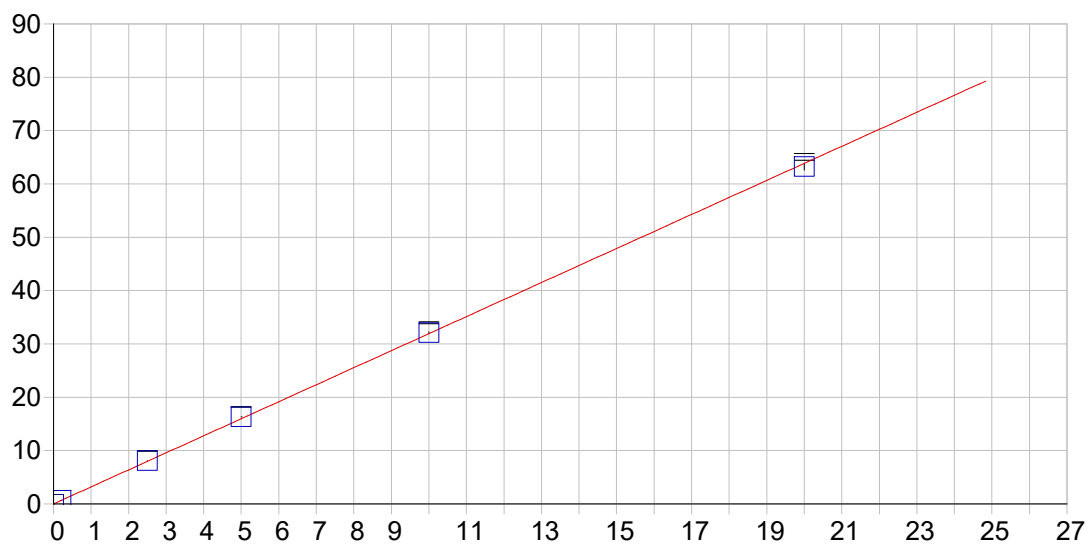


AI 396.152 { 85}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003160 Re-Slope: 1.000000
 A1 (Gain): 0.093809 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999847 Status: OK.
 Std Error of Est: 0.001022
 Predicted MDL: 0.011051
 Predicted MQL: 0.036837

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00316	.001	1
S1	.20000	.20572	.006	2.86	.01617	.001	1
S2	38.750	37.595	-1.16	-2.98	3.5274	.018	1
S3	77.500	75.884	-1.62	-2.08	7.1231	.037	1
S4	155.00	150.67	-4.33	-2.79	14.147	.150	1
S5	310.00	305.48	-4.52	-1.46	28.684	.128	1
S6	800.00	811.63	11.6	1.45	76.135	.213	1

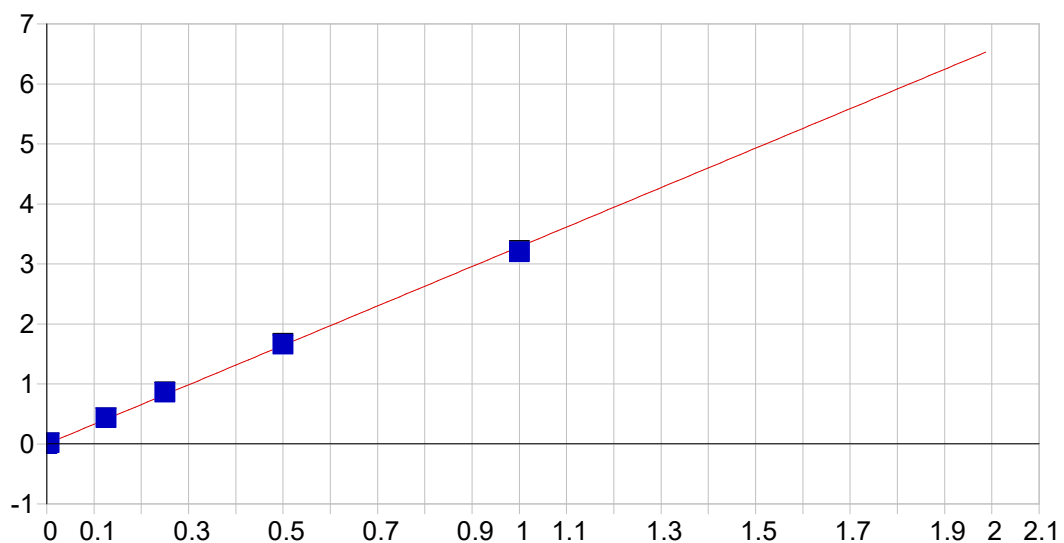


Ba 493.409 { 68}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001808 Re-Slope: 1.000000
 A1 (Gain): 3.192433 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.003971
 Predicted MDL: 0.000675
 Predicted MQL: 0.002251

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00178	.001	1
S1	.20000	.20315	.003	1.58	.65036	.002	1
S2	2.5000	2.5319	.032	1.28	8.0847	.016	1
S3	5.0000	5.1140	.114	2.28	16.328	.010	1
S4	10.000	10.046	.046	.458	32.072	.182	1
S5	20.000	19.805	-.195	-.974	63.229	.640	1

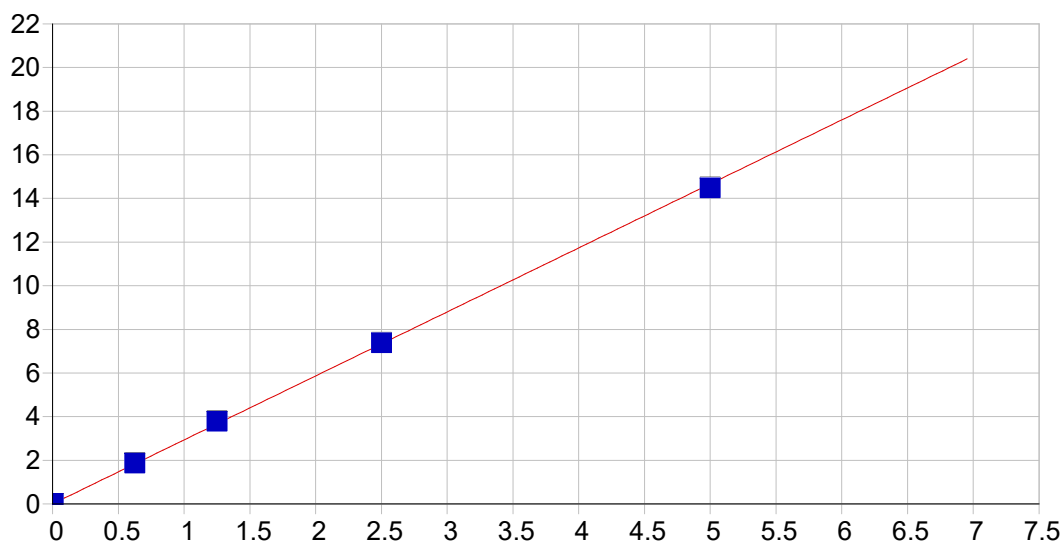


Be 234.861 {144}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001503	Re-Slope:	1.000000
A1 (Gain):	3.286911	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999524	Status:	OK.
Std Error of Est:	0.000380		
Predicted MDL:	0.000099		
Predicted MQL:	0.000331		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00151	.000	1
S1	.00500	.00541	.000	8.14	.01626	.001	1
S2	.12500	.13225	.007	5.80	.43214	.002	1
S3	.25000	.26224	.012	4.90	.85835	.004	1
S4	.50000	.50578	.006	1.16	1.6567	.017	1
S5	1.0000	.97431	-.026	-2.57	3.1925	.020	1

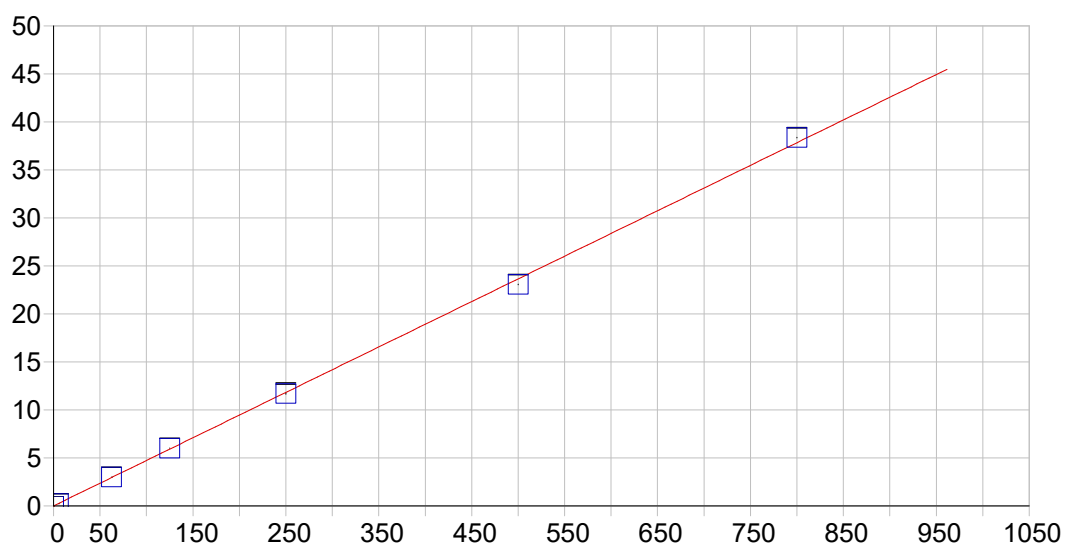


Cd 214.438 {457}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000993	Re-Slope:	1.000000
A1 (Gain):	2.933481	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999870	Status:	OK.
Std Error of Est:	0.000398		
Predicted MDL:	0.000115		
Predicted MQL:	0.000383		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00099	.000	1
S1	.00500	.00517	.000	3.49	.01618	.000	1
S2	.62500	.63670	.012	1.87	1.8724	.011	1
S3	1.2500	1.2889	.039	3.11	3.7893	.009	1
S4	2.5000	2.5166	.017	.665	7.3980	.006	1
S5	5.0000	4.9326	-.067	-1.35	14.500	.027	1

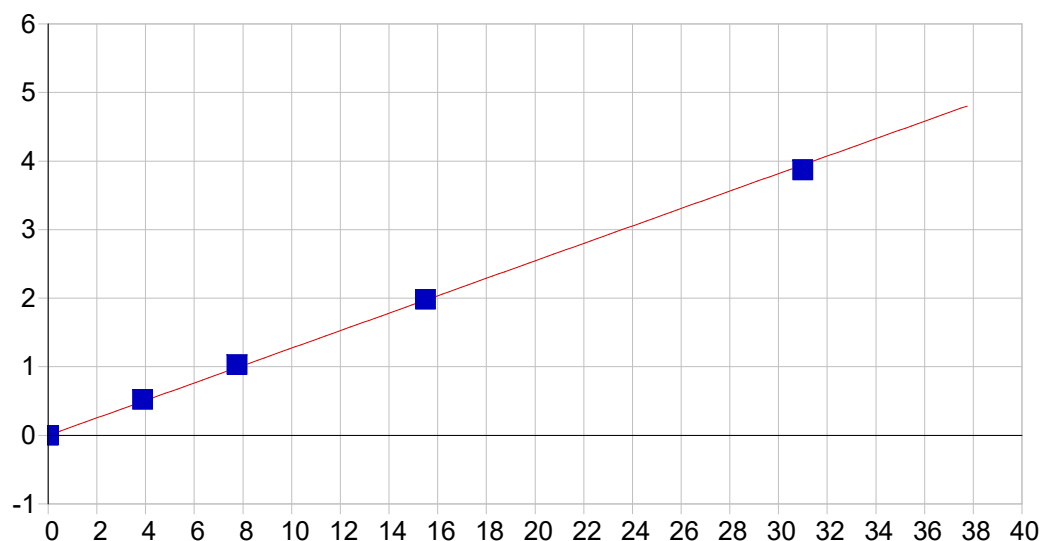


Ca 373.690 { 90}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002403 Re-Slope: 1.000000
 A1 (Gain): 0.047294 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.002869
 Predicted MDL: 0.017432
 Predicted MQL: 0.058106

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00018	-.000	.000	.00239	.001	1
S1	5.0000	5.1117	.112	2.23	.24416	.002	1
S2	62.500	63.559	1.06	1.69	3.0084	.002	1
S3	125.00	127.06	2.06	1.65	6.0116	.015	1
S4	250.00	247.58	-2.42	-.966	11.712	.073	1
S5	500.00	487.94	-12.1	-2.41	23.079	.037	1
S6	800.00	811.24	11.2	1.41	38.370	.043	1

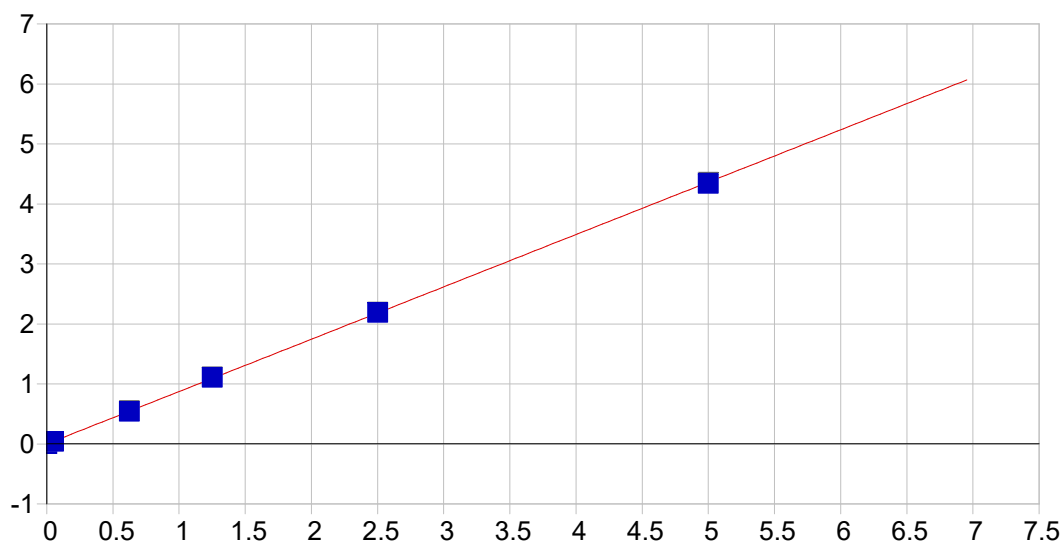


Cr 267.716 {126}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000007 Re-Slope: 1.000000
 A1 (Gain): 0.127241 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999673 Status: OK.
 Std Error of Est: 0.000096
 Predicted MDL: 0.000675
 Predicted MQL: 0.002252

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.01000	.01049	.000	4.92	.00134	.000	1
S2	3.8750	4.0815	.206	5.33	.51948	.002	1
S3	7.7500	8.0848	.335	4.32	1.0290	.001	1
S4	15.500	15.573	.073	.471	1.9821	.001	1
S5	31.000	30.385	-.615	-1.98	3.8674	.008	1

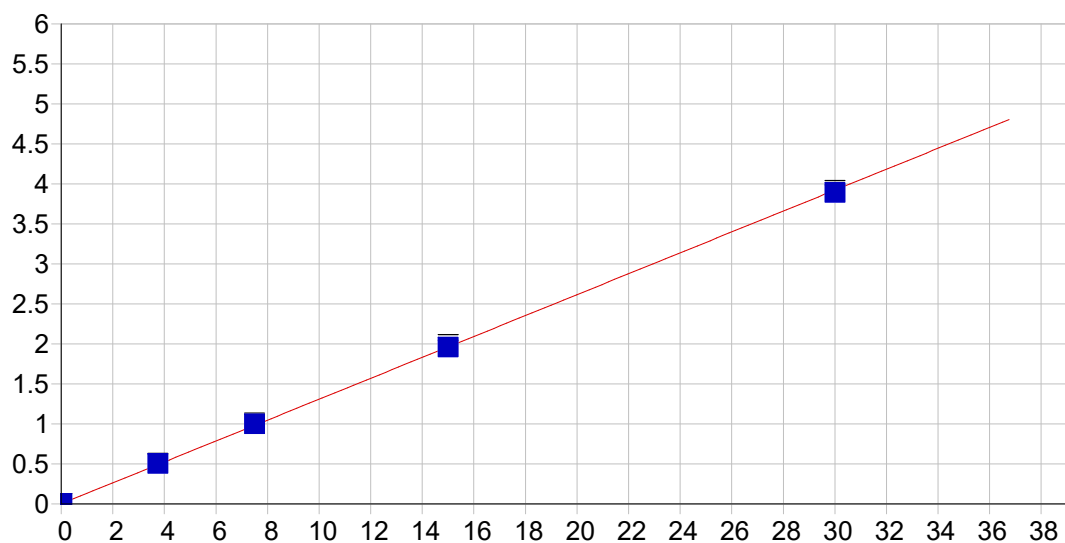


Co 228.616 {448}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000194	Re-Slope:	1.000000
A1 (Gain):	0.872540	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999973	Status:	OK.
Std Error of Est:	0.000170		
Predicted MDL:	0.000382		
Predicted MQL:	0.001274		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.05000	.04897	-.001	-2.05	.04269	.000	1
S2	.62500	.62261	-.002	-.383	.54387	.002	1
S3	1.2500	1.2704	.020	1.63	1.1099	.002	1
S4	2.5000	2.5078	.008	.310	2.1912	.004	1
S5	5.0000	4.9753	-.025	-.494	4.3475	.012	1

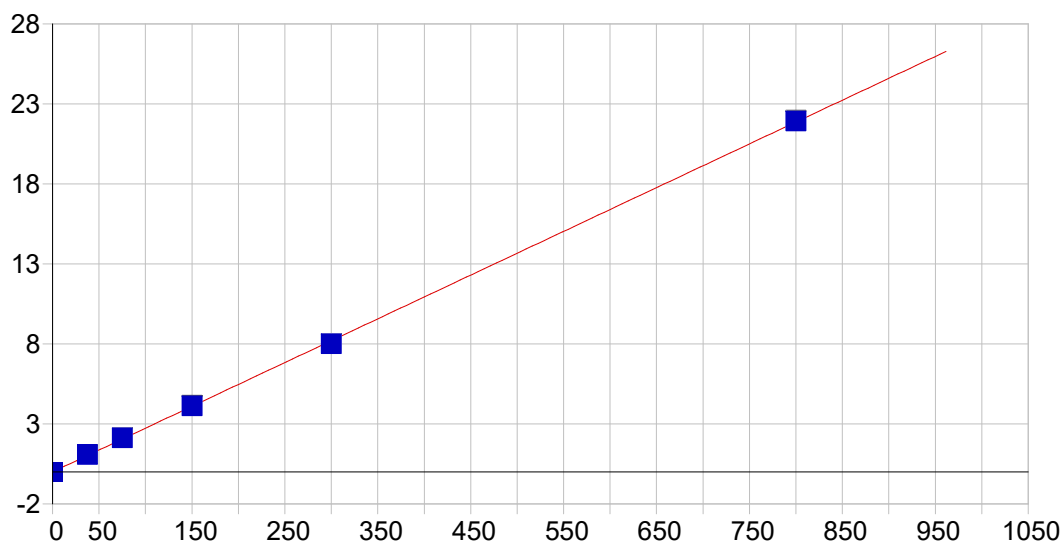


Cu 324.754 {104}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.001968	Re-Slope:	1.000000
A1 (Gain):	0.130680	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999937	Status:	OK.
Std Error of Est:	0.000067		
Predicted MDL:	0.003706		
Predicted MQL:	0.012355		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00197	.000	1
S1	.02500	.02445	-.001	-2.19	.00516	.000	1
S2	3.7500	3.8433	.093	2.49	.50355	.005	1
S3	7.5000	7.6517	.152	2.02	1.0006	.008	1
S4	15.000	14.974	-.026	-.172	1.9561	.035	1
S5	30.000	29.781	-.219	-.729	3.8885	.027	1

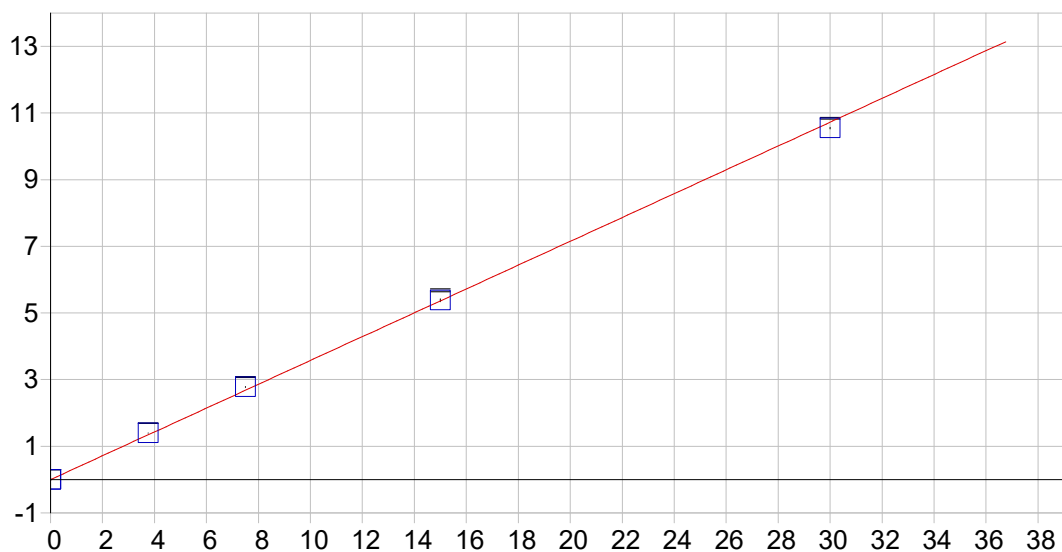


Fe 259.837 {130}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000096 Re-Slope: 1.000000
 A1 (Gain): 0.027334 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999866 Status: OK.
 Std Error of Est: 0.000196
 Predicted MDL: 0.014609
 Predicted MQL: 0.048697

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00010	.000	1
S1	.10000	.10649	.006	6.49	.00302	.000	1
S2	37.500	39.163	1.66	4.43	1.0718	.004	1
S3	75.000	77.868	2.87	3.82	2.1309	.010	1
S4	150.00	150.60	.600	.400	4.1214	.037	1
S5	300.00	292.76	-7.24	-2.41	8.0119	.017	1
S6	800.00	802.11	2.11	.263	21.940	.031	1

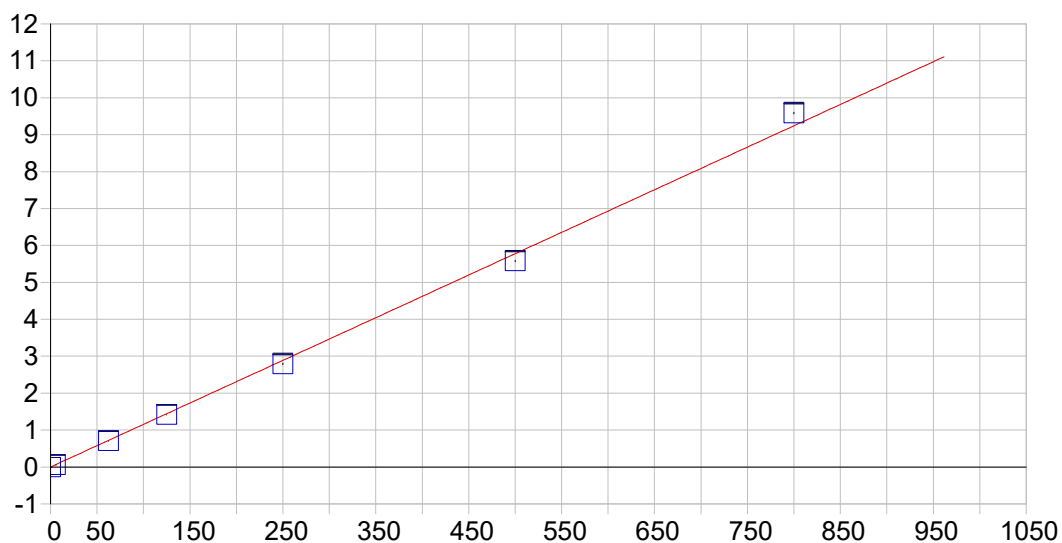


Mn 257.610 {131}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000060 Re-Slope: 1.000000
 A1 (Gain): 0.357523 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999773 Status: OK.
 Std Error of Est: 0.000271
 Predicted MDL: 0.000701
 Predicted MQL: 0.002337

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.01500	.01639	.001	9.30	.00580	.000	1
S2	3.7500	3.9122	.162	4.32	1.3986	.005	1
S3	7.5000	7.7745	.274	3.66	2.7795	.013	1
S4	15.000	15.057	.057	.377	5.3830	.041	1
S5	30.000	29.505	-.495	-1.65	10.549	.025	1

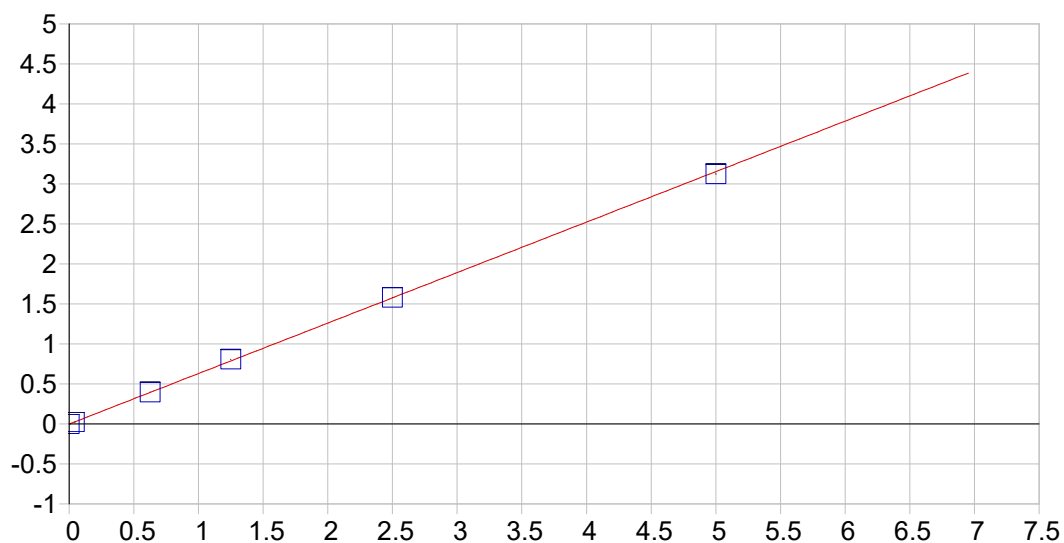


Mg 279.079 {121}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000308 Re-Slope: 1.000000
 A1 (Gain): 0.011553 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999411 Status: OK.
 Std Error of Est: 0.001385
 Predicted MDL: 0.030021
 Predicted MQL: 0.100071

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00044	.000	.000	-.000308	.000	1
S1	5.0000	4.9389	-.061	-1.22	.05675	.001	1
S2	62.500	60.901	-1.60	-2.56	.70327	.002	1
S3	125.00	122.63	-2.37	-1.89	1.4165	.005	1
S4	250.00	241.59	-8.41	-3.36	2.7908	.020	1
S5	500.00	482.82	-17.2	-3.44	5.5776	.013	1
S6	800.00	829.61	29.6	3.70	9.5841	.022	1

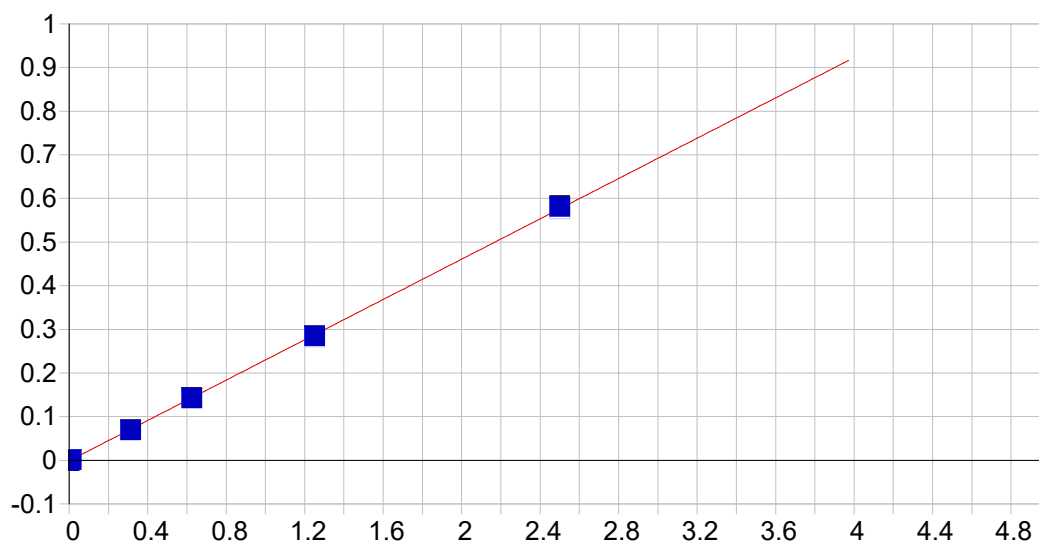


Ni 231.604 {446}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001273	Re-Slope:	1.000000
A1 (Gain):	0.630949	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999933	Status:	OK.
Std Error of Est:	0.000173		
Predicted MDL:	0.000611		
Predicted MQL:	0.002037		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00127	.000	1
S1	.04000	.04046	.000	1.14	.02425	.000	1
S2	.62500	.63193	.007	1.11	.39744	.002	1
S3	1.2500	1.2806	.031	2.45	.80675	.003	1
S4	2.5000	2.5071	.007	.283	1.5806	.001	1
S5	5.0000	4.9549	-.045	-.902	3.1250	.004	1

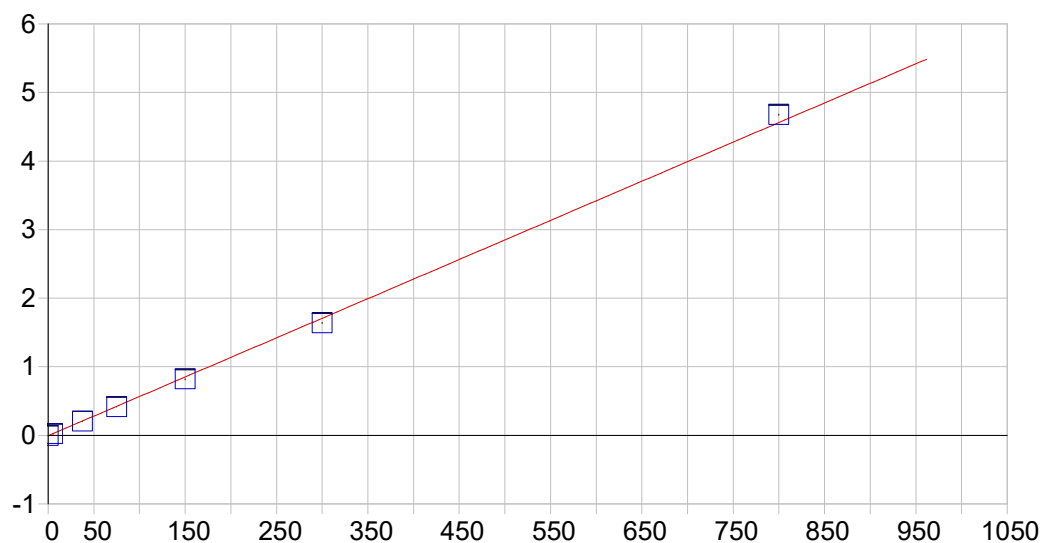


Ag 328.068 {103}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001209	Re-Slope:	1.000000
A1 (Gain):	0.231031	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999948	Status:	OK.
Std Error of Est:	0.000020		
Predicted MDL:	0.000618		
Predicted MQL:	0.002060		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00121	.000	1
S1	.01000	.00973	-.000	-2.69	.00102	.000	1
S2	.31250	.30529	-.007	-2.31	.06855	.000	1
S3	.62500	.62241	-.003	-.415	.14105	.001	1
S4	1.2500	1.2385	-.011	-.920	.28185	.000	1
S5	2.5000	2.5216	.022	.863	.57521	.002	1

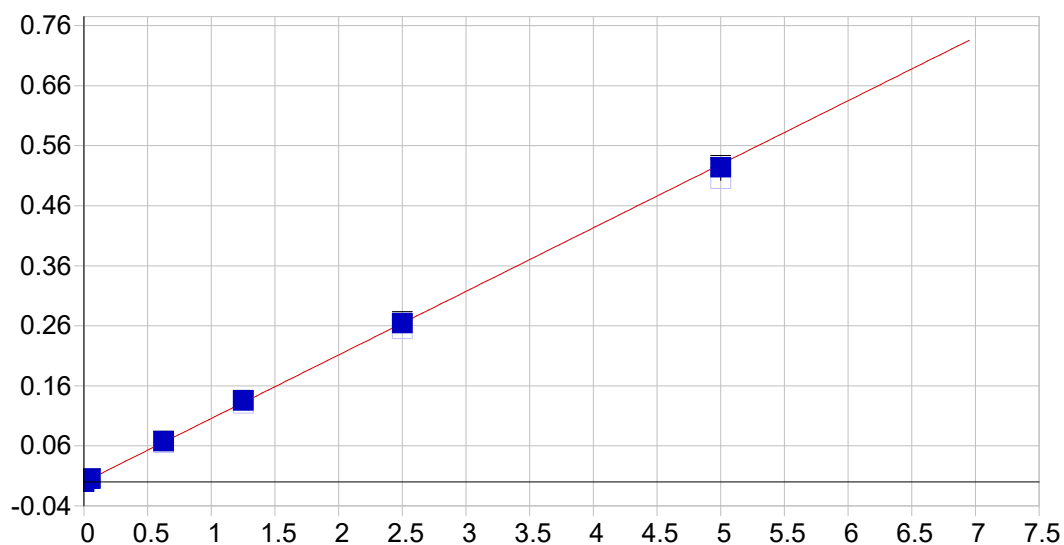


Na 818.326 { 41}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.004784	Re-Slope:	1.000000
A1 (Gain):	0.005708	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999539	Status:	OK.
Std Error of Est:	0.000536		
Predicted MDL:	0.300170		
Predicted MQL:	1.000568		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00055	.001	.000	-.00478	.002	1
S1	5.0000	4.9104	-.090	-1.79	.02325	.001	1
S2	37.500	36.761	-.739	-1.97	.20507	.003	1
S3	75.000	73.594	-1.41	-1.88	.41532	.002	1
S4	150.00	144.28	-5.72	-3.81	.81884	.007	1
S5	300.00	287.82	-12.2	-4.06	1.6382	.007	1
S6	800.00	820.14	20.1	2.52	4.6769	.007	1

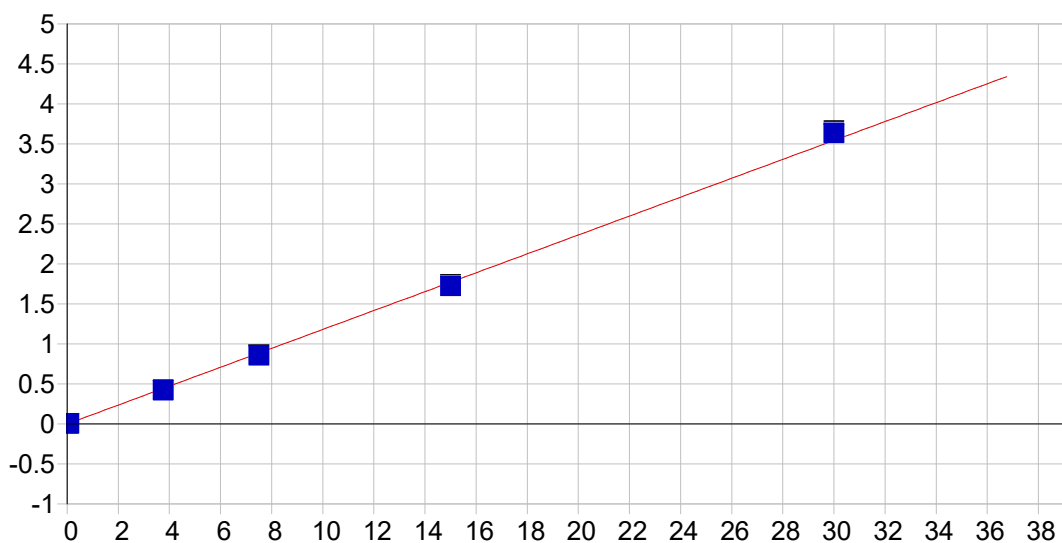


V 292.402 {115}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000208 Re-Slope: 1.000000
 A1 (Gain): 0.105851 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.000037
 Predicted MDL: 0.003892
 Predicted MQL: 0.012974

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00021	.000	1
S1	.05000	.05222	.002	4.43	.00531	.000	1
S2	.62500	.64089	.016	2.54	.06520	.000	1
S3	1.2500	1.2793	.029	2.34	.13034	.001	1
S4	2.5000	2.4983	-.002	-.068	.25450	.003	1
S5	5.0000	4.9542	-.046	-.916	.50472	.003	1

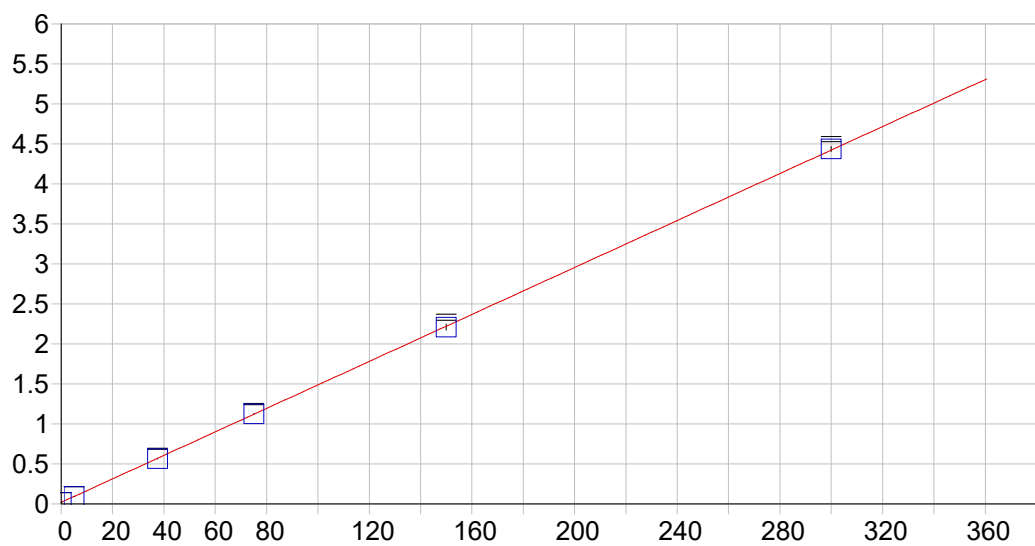


Zn 213.856 {158}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000637	Re-Slope:	1.000000
A1 (Gain):	0.118129	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999577	Status:	OK.
Std Error of Est:	0.000245		
Predicted MDL:	0.007558		
Predicted MQL:	0.025193		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00064	.001	1
S1	.06000	.05150	-.008	-14.2	.00547	.001	1
S2	3.7500	3.5742	-.176	-4.69	.42193	.002	1
S3	7.5000	7.2683	-.232	-3.09	.85865	.008	1
S4	15.000	14.616	-.384	-2.56	1.7273	.013	1
S5	30.000	30.800	.800	2.67	3.6405	.024	1

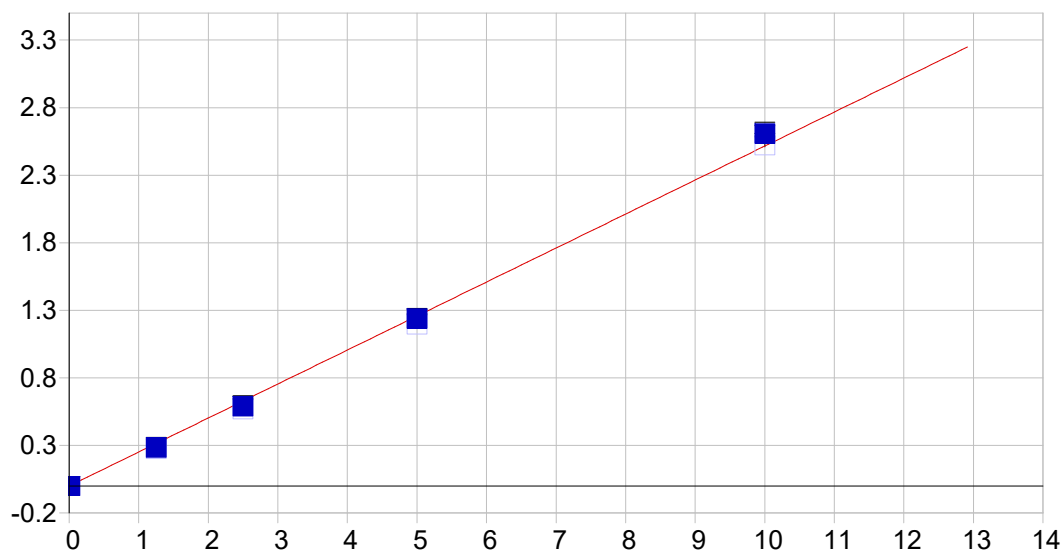


K 769.896 { 44}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.019334 Re-Slope: 1.000000
 A1 (Gain): 0.014680 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000130
 Predicted MDL: 0.097504
 Predicted MQL: 0.325014

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	.01933	.001	1
S1	5.0000	4.9588	-.041	-.824	.09213	.001	1
S2	37.500	37.238	-.262	-.700	.56599	.006	1
S3	75.000	75.305	.305	.407	1.1248	.008	1
S4	150.00	149.16	-.836	-.557	2.2091	.037	1
S5	300.00	300.83	.835	.278	4.4356	.032	1

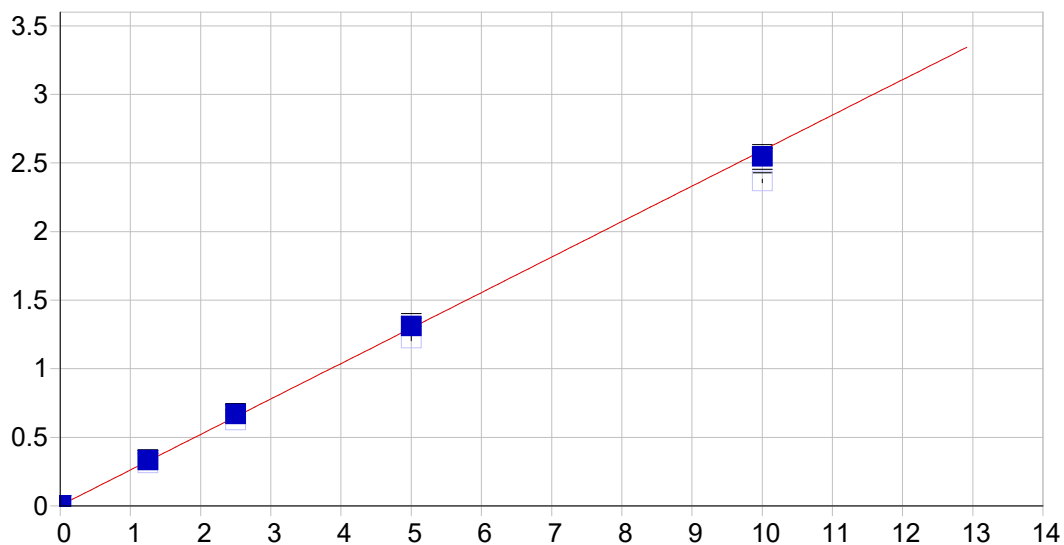


P 177.495 {490}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000777 Re-Slope: 1.000000
 A1 (Gain): 0.251633 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998816 Status: OK.
 Std Error of Est: 0.000199
 Predicted MDL: 0.000611
 Predicted MQL: 0.002038

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00078	.000	1
S1	.01000	.00170	-.008	-83.0	-.00041	.000	1
S2	1.2500	1.1330	-.117	-9.36	.27393	.002	1
S3	2.5000	2.3455	-.155	-6.18	.56862	.004	1
S4	5.0000	4.9204	-.080	-1.59	1.1957	.003	1
S5	10.000	10.360	.360	3.60	2.5228	.014	1

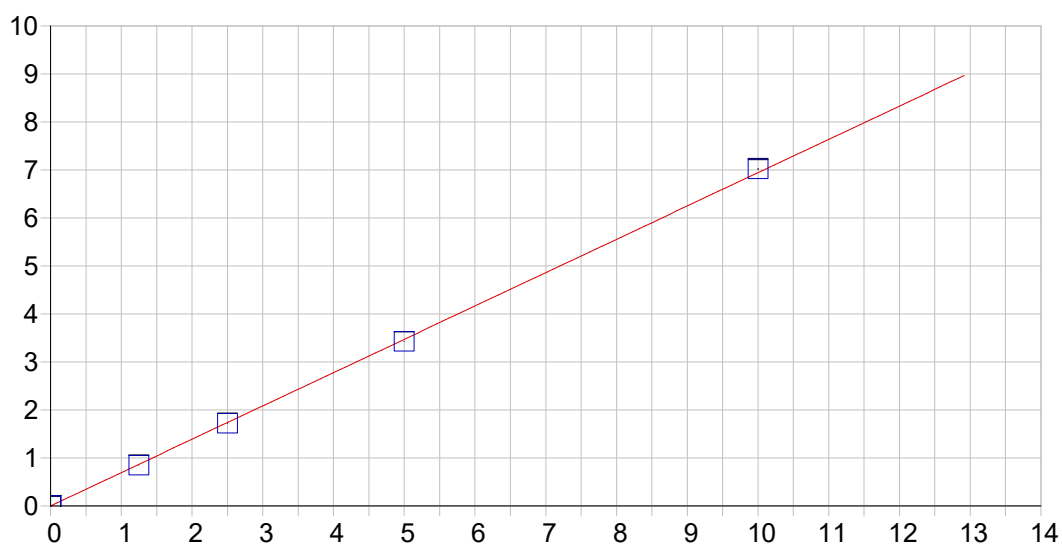


B 249.678 {135}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.003213	Re-Slope:	1.000000
A1 (Gain):	0.258709	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999788	Status:	OK.
Std Error of Est:	0.000083		
Predicted MDL:	0.001403		
Predicted MQL:	0.004678		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00321	.000	1
S1	.01000	.00767	-.002	-23.3	.00516	.000	1
S2	1.2500	1.2794	.029	2.35	.31172	.001	1
S3	2.5000	2.5763	.076	3.05	.62473	.005	1
S4	5.0000	5.0591	.059	1.18	1.2221	.017	1
S5	10.000	9.8377	-.162	-1.62	2.3684	.013	1

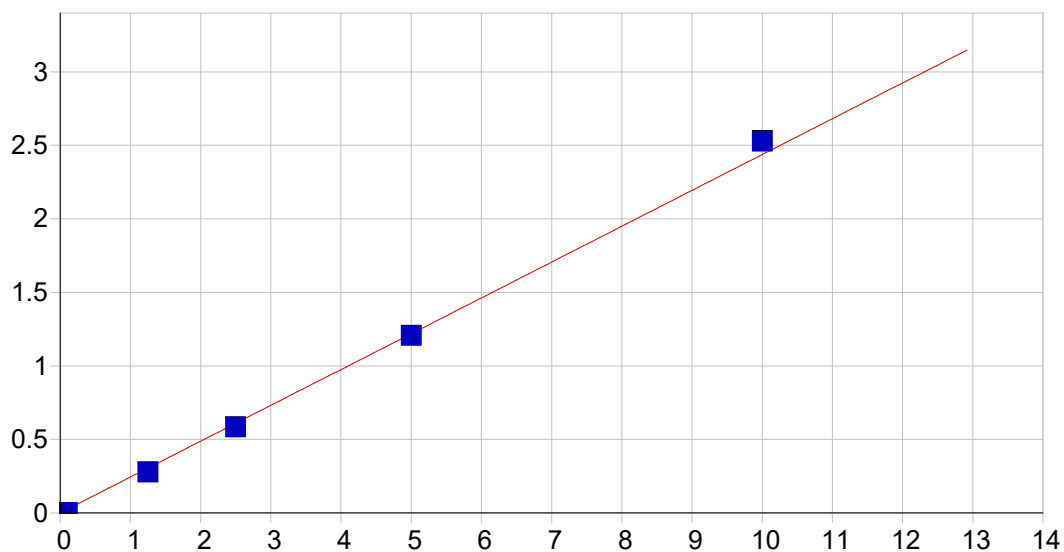


Mo 202.030 {467}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000352 Re-Slope: 1.000000
 A1 (Gain): 0.694154 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000145
 Predicted MDL: 0.000533
 Predicted MQL: 0.001775

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.01000	.01063	.001	6.25	.00773	.000	1
S2	1.2500	1.2237	-.026	-2.10	.84979	.004	1
S3	2.5000	2.4802	-.020	-.792	1.7220	.005	1
S4	5.0000	4.9332	-.067	-1.34	3.4247	.005	1
S5	10.000	10.112	.112	1.12	7.0199	.013	1

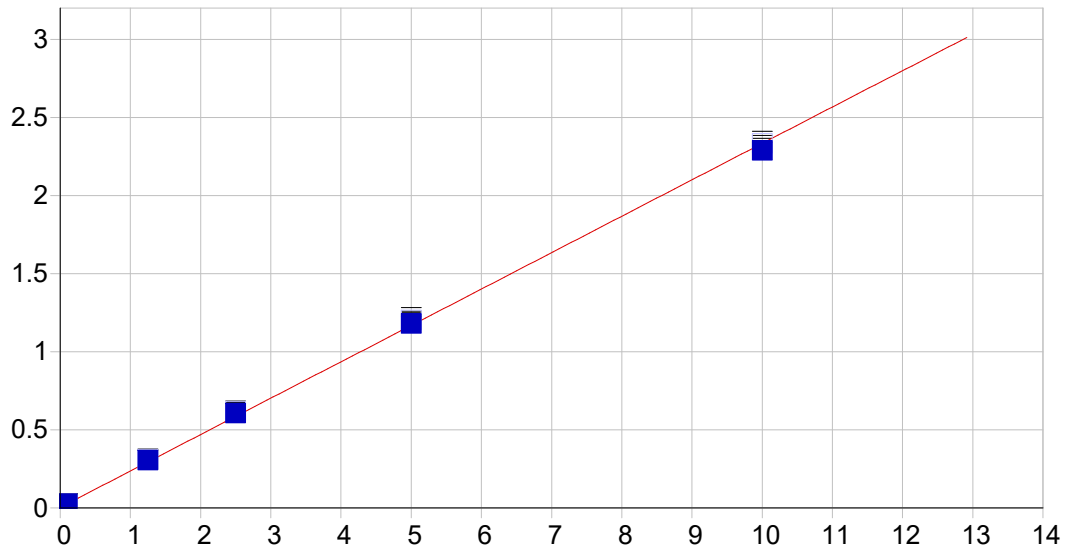


S 182.034 {485}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000128	Re-Slope:	1.000000
A1 (Gain):	0.243727	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997026	Status:	OK.
Std Error of Est:	0.001001		
Predicted MDL:	0.000768		
Predicted MQL:	0.002560		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00010	.000	.000	.00015	.000	1
S1	.10000	.00883	-.091	-91.2	.00227	.000	1
S2	1.2500	1.1375	-.112	-9.00	.27734	.002	1
S3	2.5000	2.3892	-.111	-4.43	.58237	.003	1
S4	5.0000	4.9441	-.056	-1.12	1.2050	.004	1
S5	10.000	10.370	.370	3.70	2.5274	.006	1

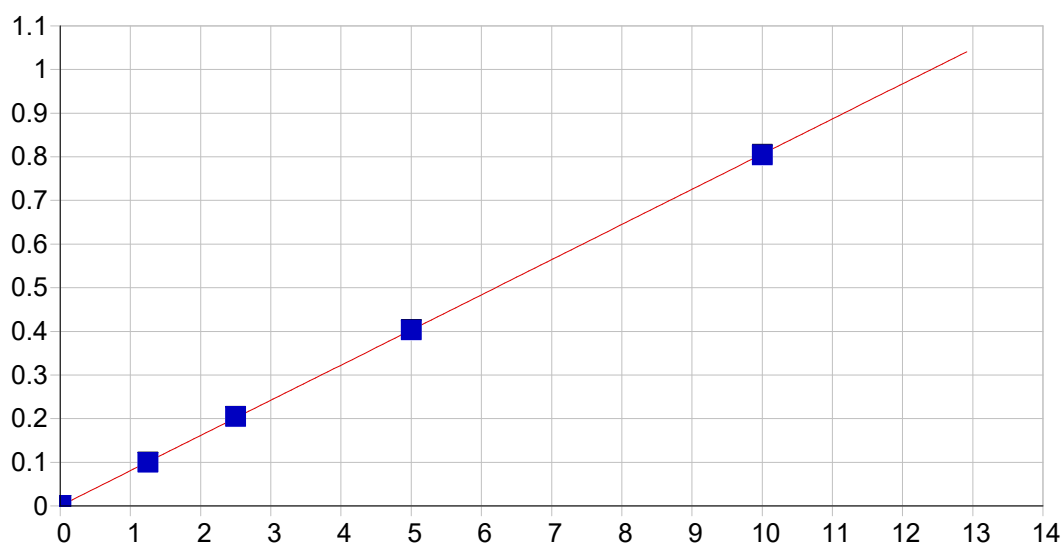


Si 251.611 {134}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003298 Re-Slope: 1.000000
 A1 (Gain): 0.232987 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999759 Status: OK.
 Std Error of Est: 0.000277
 Predicted MDL: 0.001597
 Predicted MQL: 0.005325

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00330	.000	1
S1	.10000	.10026	.000	.263	.02691	.000	1
S2	1.2500	1.2988	.049	3.90	.31157	.002	1
S3	2.5000	2.5923	.092	3.69	.61864	.003	1
S4	5.0000	5.0493	.049	.985	1.2024	.017	1
S5	10.000	9.8094	-.191	-1.91	2.3342	.013	1

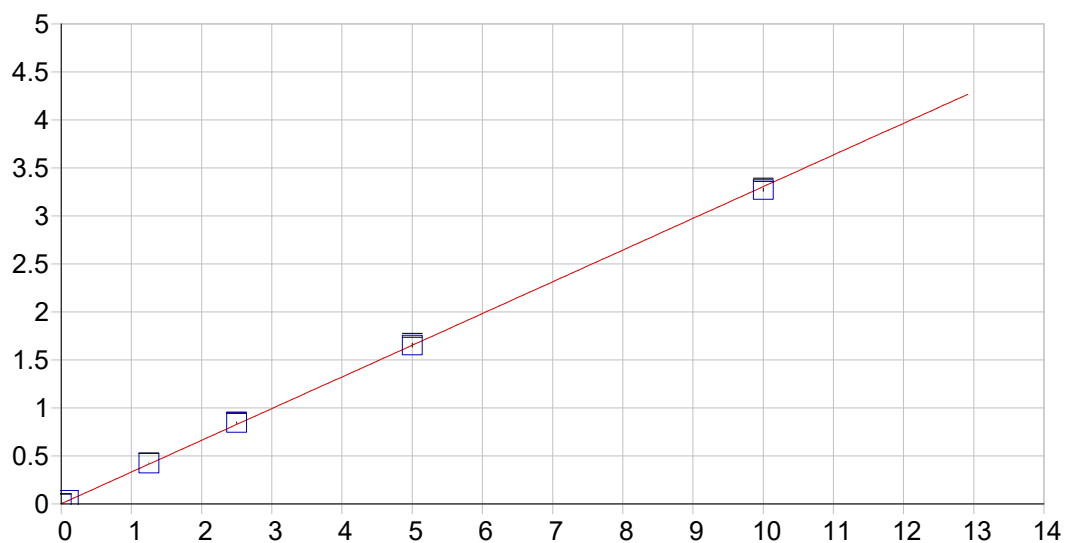


Sn 189.989 {478}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000181	Re-Slope:	1.000000
A1 (Gain):	0.080594	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000007		
Predicted MDL:	0.002282		
Predicted MQL:	0.007607		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.00700	.00587	-.001	-16.2	.00063	.000	1
S2	1.2500	1.2377	-.012	-.987	.09965	.000	1
S3	2.5000	2.5333	.033	1.33	.20380	.001	1
S4	5.0000	5.0014	.001	.028	.40216	.001	1
S5	10.000	9.9787	-.021	-.213	.80221	.001	1

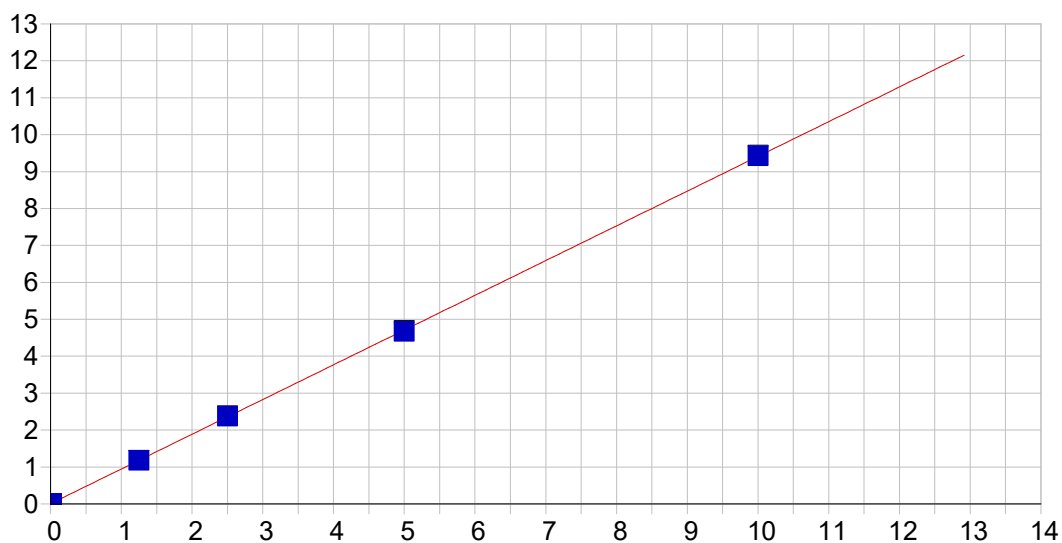


Ti 336.121 {100}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001709 Re-Slope: 1.000000
 A1 (Gain): 0.330251 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999919 Status: OK.
 Std Error of Est: 0.000223
 Predicted MDL: 0.001691
 Predicted MQL: 0.005637

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00171	.000	1
S1	.10000	.10292	.003	2.92	.03570	.000	1
S2	1.2500	1.2792	.029	2.34	.42417	.001	1
S3	2.5000	2.5594	.059	2.38	.84697	.006	1
S4	5.0000	5.0010	.001	.021	1.6533	.020	1
S5	10.000	9.9074	-.093	-.926	3.2736	.017	1



Li 670.784 { 50}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005269 Re-Slope: 1.000000
 A1 (Gain): 0.940638 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999985 Status: OK.
 Std Error of Est: 0.000105
 Predicted MDL: 0.001943
 Predicted MQL: 0.006475

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00527	.002	1
S5	10.000	10.019	.019	.190	9.4194	.019	1
S4	5.0000	4.9596	-.040	-.807	4.6654	.020	1
S3	2.5000	2.5216	.022	.863	2.3746	.002	1
S2	1.2500	1.2496	-.000	-.033	1.1794	.001	1
S1	.01500	.01519	.000	1.25	.01948	.001	1



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

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000	Re-Slope:	1.000000		
A1 (Gain):	0.000000	Y-int:	0.000000		





Y 224.306 {150}*

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

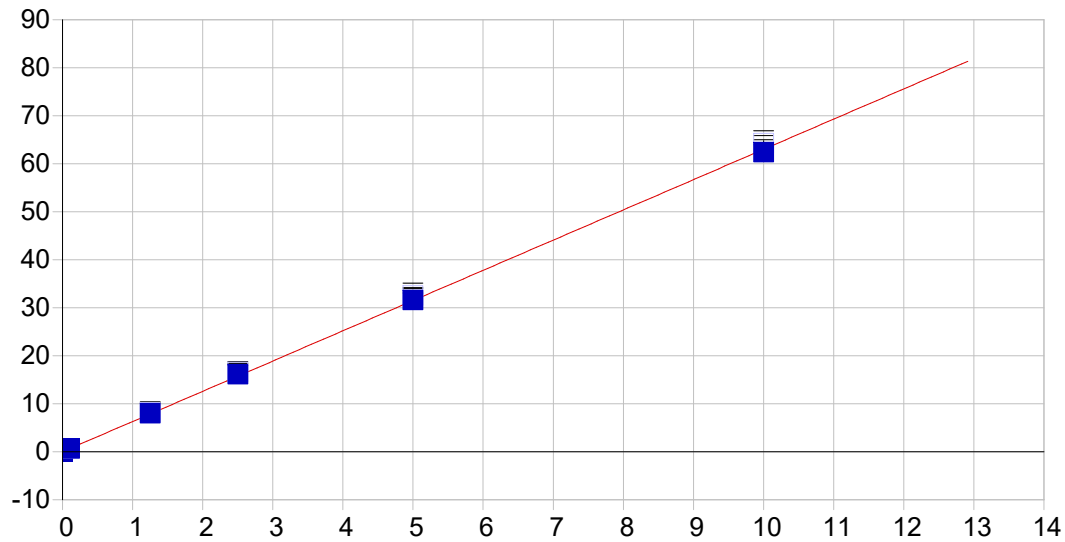
In 230.606 {446}*

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

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

Status: Warning Zero Gain

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Sr 407.771 { 83}

Date of Fit: 01/06/2022 10:19:36 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000406 Re-Slope: 1.000000
 A1 (Gain): 6.299089 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.004030
 Predicted MDL: 0.000131
 Predicted MQL: 0.000437

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00046	.000	1
S1	.10000	.10488	.005	4.88	.66086	.009	1
S2	1.2500	1.2693	.019	1.55	8.2315	.072	1
S3	2.5000	2.5571	.057	2.28	16.580	.154	1
S4	5.0000	5.0116	.012	.233	32.513	.554	1
S5	10.000	9.9072	-.093	-.928	64.295	.511	1

Sample Name: S0 Acquired: 01/05/2022 14:47:19 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S0 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	-.00012	-.00055	-.00021	.00038	.00086	-.00316	.00178	-.00151
Stddev	.00014	.00018	.00026	.00032	.00024	.00108	.00101	.00019
%RSD	115.46	32.648	127.23	83.459	28.324	34.289	56.900	12.509
#1	-.00008	-.00075	-.00003	.00068	.00112	-.00396	.00103	-.00172
#2	-.00000	-.00043	-.00051	.00005	.00080	-.00359	.00293	-.00139
#3	-.00027	-.00046	-.00008	.00040	.00065	-.00193	.00137	-.00140
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	.00099	.00239	.00001	-.00019	.00197	.00010	-.00006	-.00030
Stddev	.00017	.00050	.00004	.00007	.00024	.00026	.00021	.00011
%RSD	16.945	21.066	545.45	38.094	12.235	270.12	346.00	36.961
#1	.00113	.00298	-.00003	-.00013	.00193	.00012	.00009	-.00029
#2	.00105	.00212	.00005	-.00017	.00175	.00034	.00003	-.00020
#3	.00080	.00208	.00000	-.00028	.00222	-.00017	-.00030	-.00042
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	-.00127	-.00121	-.00478	-.00021	-.00064	.01933	-.00078	.00321
Stddev	.00032	.00008	.00157	.00025	.00094	.00136	.00007	.00041
%RSD	25.129	6.7994	32.738	119.26	147.20	7.0242	9.5563	12.839
#1	-.00163	-.00111	-.00333	-.00002	.00040	.02070	-.00069	.00361
#2	-.00118	-.00126	-.00644	-.00049	-.00143	.01931	-.00082	.00279
#3	-.00101	-.00125	-.00457	-.00012	-.00087	.01799	-.00082	.00324
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	.00035	.00015	.00330	.00018	.00171	.00527	-.00046	
Stddev	.00005	.00012	.00013	.00005	.00036	.00159	.00039	
%RSD	15.208	77.705	3.8895	29.443	21.293	30.211	86.304	
#1	.00029	.00003	.00315	.00014	.00160	.00357	-.00089	
#2	.00037	.00016	.00339	.00024	.00141	.00673	-.00035	
#3	.00039	.00027	.00335	.00016	.00211	.00550	-.00013	

Sample Name: S0 Acquired: 01/05/2022 14:47:19 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S0 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1261.2	40231.	6672.2	1097.5	1962.0
Stddev	2.3	112.	176.0	4.2	2.7
%RSD	.18433	.27765	2.6377	.38086	.13581
#1	1259.4	40104.	6491.0	1093.6	1958.9
#2	1260.5	40315.	6842.4	1097.1	1963.0
#3	1263.8	40273.	6683.2	1101.9	1964.0

Sample Name: S1 Acquired: 01/05/2022 14:51:25 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00004	.00044	.00127	.00205	.00849	.01617	.65036	.01626
Stddev	.00027	.00018	.00019	.00007	.00016	.00072	.00235	.00051
%RSD	736.31	40.289	15.344	3.5632	1.8572	4.4253	.36063	3.1378
#1	-.00027	.00053	.00141	.00211	.00850	.01544	.65190	.01683
#2	.00024	.00056	.00104	.00206	.00865	.01620	.64766	.01611
#3	.00014	.00024	.00135	.00197	.00834	.01687	.65152	.01584
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	.01618	.24416	.00134	.04269	.00516	.00302	.00580	.05675
Stddev	.00019	.00193	.00015	.00036	.00044	.00029	.00018	.00072
%RSD	1.1959	.79187	11.033	.83665	8.5625	9.6995	3.1795	1.2699
#1	.01603	.24549	.00151	.04267	.00564	.00270	.00587	.05716
#2	.01611	.24194	.00128	.04234	.00506	.00307	.00559	.05592
#3	.01640	.24505	.00124	.04305	.00477	.00328	.00594	.05717
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	.02425	.00102	.02325	.00531	.00547	.09213	-.00041	.00516
Stddev	.00044	.00006	.00087	.00020	.00075	.00139	.00011	.00041
%RSD	1.7975	5.5250	3.7493	3.8182	13.786	1.5122	26.958	7.9222
#1	.02377	.00103	.02375	.00508	.00510	.09273	-.00035	.00477
#2	.02462	.00107	.02375	.00546	.00634	.09054	-.00054	.00559
#3	.02437	.00096	.02224	.00538	.00497	.09312	-.00034	.00513
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	.00773	.00227	.02691	.00063	.03570	.01948	.66086	
Stddev	.00030	.00021	.00022	.00007	.00028	.00135	.00877	
%RSD	3.9332	9.3539	.82572	11.118	.78735	6.9534	1.3268	
#1	.00738	.00211	.02713	.00064	.03550	.01913	.67064	
#2	.00794	.00251	.02669	.00070	.03602	.01833	.65370	
#3	.00787	.00220	.02691	.00056	.03557	.02097	.65825	

Sample Name: S1 Acquired: 01/05/2022 14:51:25 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1253.6	40357.	6800.8	1114.7	1944.8
Stddev	3.3	219.	39.7	9.8	3.9
%RSD	.26380	.54216	.58442	.87495	.19869
#1	1249.8	40595.	6755.3	1125.9	1942.7
#2	1255.9	40165.	6818.4	1109.8	1942.4
#3	1255.1	40312.	6828.7	1108.4	1949.3

Sample Name: S2 Acquired: 01/05/2022 14:55:31 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02397	.05076	.92600	.05699	.16242	3.5274	8.0847	.43214
Stddev	.00003	.00040	.00480	.00023	.00025	.0177	.0155	.00224
%RSD	.11014	.78777	.51792	.40667	.15563	.50222	.19198	.51839

#1	.02395	.05044	.92058	.05674	.16239	3.5254	8.0995	.43145
#2	.02400	.05121	.92970	.05704	.16268	3.5108	8.0860	.43032
#3	.02396	.05063	.92772	.05720	.16218	3.5460	8.0686	.43464

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.8724	3.0084	.51948	.54387	.50355	1.0718	1.3986	.70327
Stddev	.0108	.0018	.00168	.00249	.00539	.0041	.0055	.00186
%RSD	.57733	.05852	.32330	.45797	1.0710	.38117	.38976	.26438

#1	1.8599	3.0084	.52137	.54102	.50203	1.0680	1.3971	.70137
#2	1.8786	3.0066	.51816	.54502	.49908	1.0713	1.3941	.70338
#3	1.8786	3.0101	.51891	.54559	.50954	1.0761	1.4047	.70508

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	.39744	.06855	.20507	.06520	.42193	.56599	.27393	.31172
Stddev	.00248	.00022	.00261	.00020	.00216	.00624	.00191	.00134
%RSD	.62509	.32122	1.2732	.30199	.51287	1.1027	.69792	.42925

#1	.39460	.06878	.20652	.06498	.42270	.56337	.27175	.31118
#2	.39920	.06835	.20205	.06525	.42360	.56148	.27534	.31073
#3	.39853	.06853	.20662	.06536	.41949	.57311	.27468	.31324

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	.84979	.27734	.31157	.09965	.42417	1.1794	8.2315	
Stddev	.00426	.00178	.00162	.00034	.00100	.0008	.0716	
%RSD	.50175	.64156	.51998	.34169	.23593	.06326	.86945	

#1	.84490	.27552	.31081	.09928	.42516	1.1799	8.2167	
#2	.85276	.27907	.31047	.09995	.42316	1.1798	8.1686	
#3	.85170	.27744	.31343	.09973	.42420	1.1786	8.3094	

Sample Name: S2 Acquired: 01/05/2022 14:55:31 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1216.1	40297.	6810.9	1081.9	1775.2
Stddev	5.9	177.	32.5	6.5	8.6
%RSD	.48248	.43964	.47653	.59960	.48470
#1	1221.7	40114.	6840.5	1078.8	1783.9
#2	1210.0	40309.	6815.9	1077.6	1766.7
#3	1216.5	40468.	6776.2	1089.4	1775.1

Sample Name: S3 Acquired: 01/05/2022 14:59:23 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.04995	.10144	1.8850	.11527	.33166	7.1231	16.328	.85835
Stddev	.00061	.00040	.0072	.00063	.00116	.0369	.010	.00444
%RSD	1.2234	.39860	.38336	.55012	.35064	.51849	.06156	.51745

#1	.04929	.10124	1.8781	.11563	.33047	7.0833	16.339	.85888
#2	.05006	.10191	1.8845	.11454	.33172	7.1563	16.324	.86250
#3	.05050	.10118	1.8925	.11564	.33280	7.1297	16.320	.85367

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.7893	6.0116	1.0290	1.1099	1.0006	2.1309	2.7795	1.4165
Stddev	.0089	.0146	.0015	.0022	.0082	.0098	.0133	.0046
%RSD	.23526	.24260	.14151	.20031	.81622	.46024	.47893	.32259

#1	3.7800	5.9956	1.0286	1.1073	.99121	2.1199	2.7641	1.4133
#2	3.7901	6.0150	1.0306	1.1112	1.0063	2.1387	2.7864	1.4217
#3	3.7978	6.0242	1.0278	1.1112	1.0042	2.1341	2.7880	1.4144

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	.80675	.14105	.41532	.13034	.85865	1.1248	.56862	.62473
Stddev	.00272	.00123	.00233	.00069	.00836	.0079	.00356	.00472
%RSD	.33696	.87260	.56081	.53034	.97335	.70093	.62686	.75524

#1	.80474	.13985	.41460	.12976	.85457	1.1158	.56462	.62278
#2	.80566	.14231	.41792	.13110	.85312	1.1303	.57144	.63011
#3	.80984	.14099	.41343	.13016	.86826	1.1283	.56981	.62131

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	1.7220	.58237	.61864	.20380	.84697	2.3746	16.580
Stddev	.0053	.00329	.00295	.00066	.00611	.0022	.154
%RSD	.30531	.56561	.47635	.32539	.72095	.09417	.92966

#1	1.7192	.57874	.61832	.20317	.84067	2.3722	16.405
#2	1.7188	.58518	.62173	.20449	.85286	2.3750	16.696
#3	1.7281	.58320	.61586	.20375	.84739	2.3766	16.638

Sample Name: S3 Acquired: 01/05/2022 14:59:23 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S03 Custom ID2: Custom ID3:
 Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1160.6	39166.	6686.8	1037.2	1665.8
Stddev	4.9	180.	17.5	10.3	7.0
%RSD	.42154	.46046	.26133	.99313	.42176
#1	1164.7	39372.	6706.1	1038.6	1673.0
#2	1161.8	39093.	6672.1	1046.8	1665.5
#3	1155.2	39034.	6682.3	1026.3	1659.0

Sample Name: S4 Acquired: 01/05/2022 15:03:14 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.10167	.19503	3.6897	.22999	.67059	14.147	32.072	1.6567
Stddev	.00088	.00073	.0062	.00084	.00087	.150	.182	.0173
%RSD	.86174	.37200	.16772	.36522	.12917	1.0632	.56713	1.0433

#1	.10265	.19504	3.6879	.23096	.67062	14.036	32.183	1.6406
#2	.10139	.19430	3.6847	.22942	.66971	14.318	32.172	1.6750
#3	.10096	.19575	3.6966	.22960	.67144	14.086	31.862	1.6546

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	7.3980	11.712	1.9821	2.1912	1.9561	4.1214	5.3830	2.7908
Stddev	.0061	.073	.0013	.0040	.0346	.0371	.0409	.0198
%RSD	.08299	.62607	.06406	.18370	1.7696	.90064	.75904	.71099

#1	7.3957	11.657	1.9811	2.1914	1.9209	4.0861	5.3455	2.7745
#2	7.3933	11.795	1.9816	2.1871	1.9901	4.1601	5.4265	2.8129
#3	7.4049	11.684	1.9835	2.1951	1.9574	4.1179	5.3771	2.7850

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	1.5806	.28185	.81884	.25450	1.7273	2.2091	1.1957	1.2221
Stddev	.0012	.00032	.00684	.00286	.0134	.0374	.0032	.0175
%RSD	.07305	.11328	.83562	1.1253	.77687	1.6942	.26880	1.4284

#1	1.5815	.28222	.81481	.25181	1.7342	2.1707	1.1943	1.2056
#2	1.5809	.28165	.82674	.25751	1.7119	2.2455	1.1935	1.2403
#3	1.5793	.28168	.81498	.25419	1.7359	2.2111	1.1994	1.2203

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	3.4247	1.2050	1.2024	.40216	1.6533	4.6654	32.513
Stddev	.0045	.0036	.0170	.00101	.0198	.0197	.554
%RSD	.13203	.29878	1.4148	.24990	1.1991	.42169	1.7041

#1	3.4245	1.2031	1.1864	.40251	1.6363	4.6744	31.953
#2	3.4294	1.2027	1.2203	.40295	1.6751	4.6790	33.061
#3	3.4203	1.2091	1.2006	.40103	1.6485	4.6429	32.526

Sample Name: S4 Acquired: 01/05/2022 15:03:14 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1096.2	38568.	6647.8	998.27	1568.7
Stddev	1.5	104.	92.1	5.83	1.2
%RSD	.14082	.26841	1.3849	.58413	.07898
#1	1095.0	38485.	6725.4	991.55	1567.7
#2	1095.8	38535.	6546.1	1002.0	1570.1
#3	1097.9	38684.	6671.9	1001.3	1568.3

Sample Name: S5 Acquired: 01/05/2022 15:07:04 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.21082	.37718	7.3311	.47610	1.4140	28.684	63.229	3.1925
Stddev	.00136	.00163	.0159	.00140	.0028	.128	.640	.0204
%RSD	.64497	.43268	.21745	.29390	.19659	.44565	1.0122	.63964

#1	.21129	.37758	7.3216	.47452	1.4116	28.648	62.619	3.1713
#2	.20928	.37539	7.3223	.47657	1.4170	28.826	63.895	3.2120
#3	.21187	.37858	7.3495	.47719	1.4134	28.577	63.171	3.1942

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	14.500	23.079	3.8674	4.3475	3.8885	8.0119	10.549	5.5776
Stddev	.027	.037	.0079	.0118	.0272	.0166	.025	.0134
%RSD	.18462	.15822	.20413	.27257	.70015	.20701	.23252	.24032

#1	14.502	23.117	3.8695	4.3449	3.8821	8.0046	10.551	5.5730
#2	14.471	23.078	3.8587	4.3372	3.9183	8.0309	10.572	5.5928
#3	14.525	23.044	3.8740	4.3604	3.8650	8.0002	10.523	5.5672

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	3.1250	.57521	1.6382	.50472	3.6405	4.4356	2.5228	2.3684
Stddev	.0035	.00209	.0066	.00278	.0237	.0320	.0139	.0130
%RSD	.11289	.36296	.40113	.55120	.65099	.72140	.54932	.54691

#1	3.1241	.57694	1.6403	.50462	3.6677	4.4303	2.5229	2.3552
#2	3.1220	.57289	1.6435	.50756	3.6239	4.4700	2.5089	2.3811
#3	3.1289	.57579	1.6308	.50200	3.6300	4.4066	2.5366	2.3687

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	7.0199	2.5274	2.3342	.80221	3.2736	9.4194	64.295	
Stddev	.0128	.0064	.0132	.00130	.0166	.0194	.511	
%RSD	.18185	.25228	.56337	.16158	.50770	.20559	.79424	

#1	7.0070	2.5267	2.3207	.80196	3.2776	9.4332	64.586	
#2	7.0326	2.5213	2.3469	.80106	3.2879	9.3972	64.595	
#3	7.0200	2.5340	2.3350	.80361	3.2554	9.4276	63.706	

Sample Name: S5 Acquired: 01/05/2022 15:07:04 Type: Cal
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: IR Corr. Factor: 1.000000
User: BIN Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	990.66	36895.	6519.3	911.75	1445.1
Stddev	1.25	225.	18.0	5.99	3.7
%RSD	.12635	.60997	.27649	.65691	.25635
#1	992.03	36671.	6527.4	906.06	1445.5
#2	989.59	37121.	6498.7	918.00	1448.6
#3	990.36	36895.	6531.9	911.21	1441.2

Sample Name: S6 Acquired: 01/05/2022 15:11:08 Type: Cal
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: IR Corr. Factor: 1.000000
 User: BIN Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	76.135	38.370	21.940	9.5841	4.6769
Stddev	.213	.043	.031	.0215	.0068
%RSD	.27968	.11080	.13928	.22454	.14490

#1	76.347	38.372	21.941	9.5787	4.6739
#2	75.921	38.411	21.969	9.6078	4.6847
#3	76.136	38.326	21.908	9.5658	4.6722

Int. Std.	Y_3710
Units	Cts/S
Avg	6343.5
Stddev	21.6
%RSD	.34109

#1	6355.9
#2	6318.5
#3	6356.1

Sample Name: ICV001 Acquired: 01/05/2022 15:15:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9575756	F 1.121592	1.028507	1.018326	.9987000	2.559829
Stddev	.0083445	.004224	.001409	.007106	.0073821	.008804
%RSD	.8714163	.3766232	.1370252	.6978503	.7391699	.3439276

#1	.9587488	1.122752	1.026947	1.024921	.9904397	2.563633
#2	.9652713	1.116909	1.028887	1.019257	1.001008	2.566092
#3	.9487066	1.125115	1.029688	1.010800	1.004653	2.549763

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5378378	.5563740	.5271560	10.58983	F .5778674	.5155441
Stddev	.0018073	.0039548	.0001610	.03105	.0007389	.0009388
%RSD	.3360376	.7108191	.0305391	.2932028	.1278649	.1821092

#1	.5385553	.5528864	.5270217	10.57993	.5770194	.5164502
#2	.5391761	.5606709	.5273345	10.62462	.5782097	.5156066
#3	.5357818	.5555648	.5271119	10.56493	.5783730	.5145756

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5330588	10.95940	.5273544	5.880274	.5291961	.2477883
Stddev	.0021223	.06099	.0020601	.044548	.0004375	.0007927
%RSD	.3981322	.5565390	.3906480	.7575899	.0826645	.3199003

#1	.5343339	10.93865	.5262905	5.856681	.5290791	.2471053
#2	.5306089	11.02807	.5297289	5.931657	.5288290	.2486575
#3	.5342336	10.91150	.5260437	5.852484	.5296801	.2476022

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.52661	.5389931	.9010425	10.02383	F .0045909	F .0137027
Stddev	.12990	.0033952	.0048540	.08470	.0000709	.0004329
%RSD	1.233981	.6299051	.5387117	.8450183	1.545055	3.159113

#1	10.63452	.5354040	.9043258	9.92884	.0045882	.0137597
#2	10.56287	.5421536	.8954668	10.05112	.0046632	.0132441
#3	10.38243	.5394218	.9033349	10.09152	.0045214	.0141042

Sample Name: ICV001 Acquired: 01/05/2022 15:15:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0000486	F -.001088	F .0090099	F .0015621	F -.000927	F .0007494
Stddev	.0000832	.001058	.0012392	.0020940	.002368	.0013401
%RSD	170.9195	97.21212	13.75357	134.0487	255.4610	178.8263

#1	-.000047	-.000690	.0092700	-.000842	.000258	.0022726
#2	.000086	-.000287	.0100984	.002538	-.003653	.0002237
#3	.000107	-.002288	.0076613	.002990	.000614	-.000248

Elem	Sr4077
Units	ppm
Avg	F -.009629
Stddev	.000080
%RSD	.8358985

#1	-.009620
#2	-.009714
#3	-.009554

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1262.659	41069.40	6859.885	1116.017	1932.338
Stddev	1.645	84.68	26.651	5.971	.571
%RSD	.1302752	.2061840	.3885083	.5350716	.0295356

#1	1263.183	40975.57	6847.278	1109.259	1932.272
#2	1263.978	41140.13	6841.876	1118.211	1932.939
#3	1260.815	41092.50	6890.500	1120.582	1931.803

Sample Name: ICB001 Acquired: 01/05/2022 15:19:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092226	.0009582	-.000310	.0047198	-.001807	.0022247	.0000857
Stddev	.0077373	.0012553	.001251	.0057293	.001546	.0037447	.0002746
%RSD	83.89444	131.0076	403.3521	121.3880	85.53617	168.3230	320.4593

#1	.0167479	.0012274	-.001281	.0103129	-.001017	.0059505	.0004028
#2	.0012895	.0020571	.001102	-.001137	-.000815	-.001539	-.000071
#3	.0096304	-.000410	-.000752	.004983	-.003588	.002262	-.000074

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001179	-.000052	-.032506	-.000518	.0001129	-.004395	-.010439
Stddev	.0001825	.000042	.005448	.000575	.0000877	.003067	.011643
%RSD	154.7565	80.14276	16.76102	110.8843	77.74521	69.79871	111.5379

#1	.0003267	-.000083	-.027020	-.000197	.0001752	-.007911	-.018166
#2	.0000390	-.000005	-.037916	-.000176	.0000125	-.003002	.002953
#3	-.000012	-.000069	-.032583	-.001182	.0001509	-.002271	-.016103

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000107	.0253384	-.000228	-.000521	-.037329	-.002033	.0037573
Stddev	.0002539	.0317819	.000177	.000083	.114139	.001403	.0035066
%RSD	2376.197	125.4300	77.48477	16.02039	305.7634	69.01246	93.32830

#1	.0002658	.0250525	-.000337	-.000426	.081759	-.000485	.0072297
#2	-.000242	.0572623	-.000024	-.000581	-.145773	-.003220	.0038245
#3	.000008	-.006300	-.000322	-.000556	-.047973	-.002394	.0002175

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.095069	-.000539	-.001048	.0002377	.0002624	-.002028	.0007460
Stddev	.032677	.000401	.001281	.0000497	.0004721	.001016	.0002348
%RSD	34.37199	74.36510	122.2673	20.89397	179.9360	50.11369	31.47892

#1	-.130314	-.000199	.000424	.0002585	-.000184	-.002187	.0009010
#2	-.065778	-.000436	-.001914	.0001810	.000756	-.000942	.0004758
#3	-.089116	-.000981	-.001653	.0002735	.000215	-.002956	.0008612

Sample Name: ICB001 Acquired: 01/05/2022 15:19:54 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000452	-.002156	-.000018
Stddev	.001665	.000563	.000080
%RSD	368.6738	26.12415	454.1627

#1	-.002351	-.001712	.000062
#2	.000238	-.001967	-.000016
#3	.000758	-.002790	-.000098

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1262.414	40523.90	6787.892	1111.498	1960.879
Stddev	1.367	271.30	40.851	6.346	1.966
%RSD	.1082844	.6694831	.6018251	.5709428	.1002732

#1	1261.517	40236.59	6747.225	1105.802	1959.957
#2	1263.988	40775.70	6787.525	1110.354	1963.136
#3	1261.738	40559.41	6828.925	1118.338	1959.543

Sample Name: ICSA001 Acquired: 01/05/2022 15:24:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049464	.0018186	-.005551	.0139638	.0033306	252.4047
Stddev	.0185287	.0042429	.003999	.0132904	.0067932	1.8083
%RSD	374.5921	233.3045	72.02876	95.17739	203.9599	.7164117

#1	.0166289	.0003309	-.009743	-.000668	.0014993	253.8880
#2	.0146278	.0066049	-.001778	.025287	-.002359	250.3904
#3	-.016418	-.001480	-.005133	.017273	.010852	252.9358

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061743	.0012472	-.001727	256.2421	.0592760	-.000662
Stddev	.0003354	.0000886	.000037	.8448	.0011052	.000478
%RSD	5.432672	7.104120	2.145006	.3296789	1.864437	72.20250

#1	.0064643	.0011751	-.001710	256.8358	.0580227	-.000620
#2	.0062518	.0013461	-.001770	255.2750	.0601107	-.001160
#3	.0058070	.0012203	-.001702	256.6156	.0596947	-.000206

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005861	103.9542	.0103355	250.1905	.0020395	-.008226
Stddev	.0038294	.4377	.0004262	1.1073	.0009352	.000669
%RSD	653.3522	.4210579	4.123933	.4425712	45.85397	8.127885

#1	.0042554	104.1781	.0101047	250.7392	.0029806	-.008286
#2	.0008884	103.4499	.0100743	248.9161	.0020279	-.008862
#3	-.003385	104.2348	.0108273	250.9164	.0011102	-.007529

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2899218	-.000276	.0152145	-.114482	F -.010112	F .0632800
Stddev	.1347643	.002729	.0036491	.101657	.000733	.0040792
%RSD	46.48300	988.9523	23.98457	88.79791	7.246540	6.446251

#1	.3982196	-.000594	.0188100	-.096425	-.010456	.0659607
#2	.3325464	.002598	.0153194	-.223958	-.009271	.0652938
#3	.1389994	-.002832	.0115140	-.023063	-.010611	.0585855

Sample Name: ICSA001 Acquired: 01/05/2022 15:24:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002300	-.000279	-.001189	.0027271	-.003354	.0004413
Stddev	.0007251	.000426	.000491	.0038265	.001947	.0008334
%RSD	315.3150	152.8723	41.31355	140.3166	58.05336	188.8293
#1	-.000519	-.000228	-.000680	.0029385	-.005312	.0008771
#2	.000929	.000120	-.001660	.0064435	-.001417	.0009665
#3	.000280	-.000729	-.001227	-.001201	-.003335	-.000520

Elem	Sr4077
Units	ppm
Avg	.0041441
Stddev	.0007621
%RSD	18.38938
#1	.0046073
#2	.0032645
#3	.0045604

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1162.688	38345.94	6611.981	1034.369	1624.544
Stddev	2.616	176.09	44.006	7.904	1.198
%RSD	.2249768	.4592168	.6655554	.7641513	.0737423
#1	1164.261	38350.43	6587.612	1025.837	1624.573
#2	1164.135	38519.74	6662.781	1041.442	1625.728
#3	1159.668	38167.64	6585.550	1035.828	1623.333

Sample Name: ICSAB001 Acquired: 01/05/2022 15:28:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0993075	.1045918	.0468013	.0719105	.5985867	246.5305
Stddev	.0185610	.0067069	.0032308	.0060255	.0038104	1.7084
%RSD	18.69048	6.412442	6.903308	8.379185	.6365752	.6929574

#1	.0908469	.1123020	.0502309	.0743927	.6029287	247.0109
#2	.1205915	.1001061	.0463583	.0762983	.5970321	244.6333
#3	.0864843	.1013674	.0438149	.0650403	.5957993	247.9472

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5260333	.5341789	1.038361	251.6520	.5992848	.5064861
Stddev	.0014241	.0052583	.002723	.8691	.0022495	.0017103
%RSD	.2707147	.9843750	.2621992	.3453606	.3753728	.3376687

#1	.5274674	.5323229	1.036849	252.1419	.6000404	.5072430
#2	.5246196	.5301003	1.036731	250.6485	.5967547	.5045281
#3	.5260128	.5401135	1.041504	252.1656	.6010593	.5076874

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5024193	101.9008	.5024304	244.7549	1.020128	.1979469
Stddev	.0088821	.5133	.0035511	1.4659	.003291	.0009261
%RSD	1.767872	.5037471	.7067834	.5989214	.3225965	.4678662

#1	.5035589	102.1349	.5017063	245.2730	1.020372	.1978952
#2	.4930224	101.3122	.4992971	243.1003	1.016722	.1988977
#3	.5106767	102.2554	.5062877	245.8914	1.023290	.1970476

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2052683	.5134351	.9116068	-.194670	-.004814	F .0612445
Stddev	.1929624	.0049638	.0032938	.084567	.001597	.0019817
%RSD	94.00498	.9667916	.3613146	43.44128	33.18047	3.235684

#1	-.013808	.5150291	.9097863	-.143415	-.003170	.0634991
#2	.279609	.5078701	.9096251	-.292279	-.004912	.0604554
#3	.350003	.5174062	.9154090	-.148316	-.006359	.0597789

Sample Name: ICSAB001 Acquired: 01/05/2022 15:28:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005531	-.000759	-.002196	.0018254	-.004971	.0011467
Stddev	.0007209	.000166	.000538	.0014846	.000977	.0008459
%RSD	130.3468	21.88729	24.50393	81.33069	19.65331	73.76978

#1	.0000580	-.000899	-.002667	.0013017	-.004823	.0009131
#2	.0013802	-.000575	-.002312	.0035009	-.004076	.0020849
#3	.0002210	-.000802	-.001609	.0006736	-.006013	.0004422

Elem	Sr4077
Units	ppm
Avg	.0033710
Stddev	.0005419
%RSD	16.07454

#1	.0033444
#2	.0028429
#3	.0039256

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1162.907	38626.46	6643.373	1036.194	1629.847
Stddev	2.541	99.59	44.665	7.497	7.671
%RSD	.2185343	.2578381	.6723267	.7234788	.4706341

#1	1163.786	38523.71	6647.988	1037.802	1632.415
#2	1164.893	38633.10	6685.552	1028.024	1635.904
#3	1160.043	38722.57	6596.580	1042.757	1621.222

Sample Name: CCV001 Acquired: 01/05/2022 15:38:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.466284	5.239154	26.49430	5.279855	5.307415	428.9339
Stddev	.020627	.030252	.04975	.015766	.009481	1.9498
%RSD	.3773513	.5774198	.1877738	.2986150	.1786423	.4545742

#1	5.450485	5.211182	26.44060	5.293944	5.296539	429.9162
#2	5.489620	5.271260	26.53882	5.282795	5.311770	430.1972
#3	5.458748	5.235020	26.50348	5.262825	5.313937	426.6883

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.88001	.5400513	2.660880	430.3291	16.43137	2.684664
Stddev	.03789	.0056476	.005370	1.0647	.01939	.004590
%RSD	.3482882	1.045744	.2018011	.2474109	.1180053	.1709701

#1	10.90676	.5461281	2.654680	431.0493	16.43388	2.681013
#2	10.89662	.5390620	2.663911	430.8319	16.44938	2.683162
#3	10.83665	.5349637	2.664049	429.1062	16.41085	2.689817

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.31709	435.2565	16.01745	424.8744	2.674518	1.341992
Stddev	.09136	1.2584	.03689	1.0473	.008110	.008876
%RSD	.5599337	.2891062	.2303013	.2465048	.3032426	.6614031

#1	16.37506	435.1066	16.03230	424.9955	2.665833	1.334860
#2	16.36443	436.5831	16.04459	425.8559	2.675829	1.351932
#3	16.21177	434.0798	15.97545	423.7718	2.681893	1.339182

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	427.5346	2.671574	16.02525	164.2230	F 5.972475	5.498475
Stddev	1.9107	.003126	.18363	1.0216	.022002	.044407
%RSD	.4469175	.1170082	1.145875	.6220800	.3683870	.8076295

#1	428.7704	2.668381	15.81720	164.8120	5.951801	5.532997
#2	428.4995	2.674629	16.16471	164.8137	5.995599	5.514050
#3	425.3338	2.671711	16.09383	163.0434	5.970023	5.448378

Sample Name: CCV001 Acquired: 01/05/2022 15:38:00 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.245946	F 5.605862	5.276411	5.375105	5.364387	5.388806
Stddev	.009675	.018263	.051639	.025887	.013529	.012642
%RSD	.1844354	.3257854	.9786750	.4816174	.2521941	.2346063

#1	5.240282	5.585954	5.331059	5.347836	5.369295	5.402561
#2	5.240439	5.621840	5.269745	5.399345	5.374776	5.386165
#3	5.257118	5.609793	5.228428	5.378133	5.349089	5.377694

Elem	Sr4077
Units	ppm
Avg	5.130328
Stddev	.070344
%RSD	1.371148

#1	5.170696
#2	5.171187
#3	5.049102

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1029.224	36468.90	6418.470	941.5128	1444.117
Stddev	2.052	203.68	49.562	4.7168	2.271
%RSD	.1993678	.5584979	.7721797	.5009809	.1572479

#1	1031.077	36639.73	6373.056	945.5492	1446.739
#2	1029.577	36243.49	6411.017	936.3278	1442.842
#3	1027.019	36523.47	6471.336	942.6615	1442.771

Sample Name: CCB001 Acquired: 01/05/2022 15:42:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001195	.0046239	.0004201	-.000756	-.001145	.0046659	.0008339
Stddev	.003622	.0017518	.0037481	.002712	.001304	.0048273	.0001632
%RSD	302.9686	37.88675	892.1929	358.5646	113.8573	103.4596	19.56344

#1	-.003383	.0062735	.0046961	-.002966	.000203	.0096748	.0008899
#2	-.003188	.0027852	-.001139	.002270	-.002400	.0042795	.0009618
#3	.002985	.0048129	-.002297	-.001574	-.001238	.0000434	.0006502

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000837	-.000001	-.035984	-.000043	.0001295	-.002409	.0062477
Stddev	.0000272	.000092	.009150	.000152	.0004574	.001744	.0147284
%RSD	32.55885	7837.193	25.42668	352.6374	353.1325	72.38329	235.7417

#1	.0000671	.000033	-.026580	-.000052	.0005272	-.000579	.0193018
#2	.0001151	.000069	-.036516	.000113	-.000370	-.004052	.0091609
#3	.0000688	-.000106	-.044856	-.000191	.000232	-.002597	-.009720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000629	.0086169	.0001556	-.000447	.2189379	-.000987	.0011981
Stddev	.0002750	.0156703	.0003825	.000628	.3968717	.003338	.0035812
%RSD	437.0244	181.8559	245.8749	140.4521	181.2714	338.3641	298.9050

#1	.0001749	-.001628	-.000132	-.000112	.4992991	.002847	.0013236
#2	-.000250	.026656	.000590	-.001172	-.235178	-.002554	-.002444
#3	.000264	.000822	.000009	-.000058	.392692	-.003252	.004715

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0556008	-.000269	.0057395	.0007549	.0006293	-.000423	.0010546
Stddev	.0856045	.000177	.0016386	.0001083	.0004064	.000879	.0007795
%RSD	153.9628	65.84191	28.55009	14.34112	64.58108	208.0738	73.90705

#1	.0002206	-.000089	.0076288	.0007543	.0008346	-.000018	.0010576
#2	.1541987	-.000274	.0047051	.0008634	.0008920	-.001431	.0002737
#3	.0123832	-.000443	.0048845	.0006469	.0001612	.000182	.0018326

Sample Name: CCB001 Acquired: 01/05/2022 15:42:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000469	-.000718	.0000585
Stddev	.000201	.000959	.0000508
%RSD	42.84809	133.6579	86.89249

#1	-.000613	.000292	.0000013
#2	-.000555	-.000829	.0000757
#3	-.000239	-.001617	.0000984

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1259.993	40490.90	6767.658	1112.976	1956.854
Stddev	1.590	20.88	30.210	7.124	1.710
%RSD	.1261548	.0515781	.4463894	.6401023	.0874079

#1	1260.480	40505.19	6732.775	1104.853	1955.592
#2	1258.217	40500.57	6785.225	1118.164	1956.169
#3	1261.281	40466.93	6784.975	1115.911	1958.800

Sample Name: PB139368BL Acquired: 01/05/2022 15:46:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS368 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023172	.0022186	.0002522	.0058566	.0000014	.0100811	-.000101
Stddev	.0070178	.0011485	.0031220	.0002482	.0013484	.0051054	.000717
%RSD	302.8531	51.76823	1237.758	4.237442	98160.38	50.64335	710.8635

#1	-.002382	.0033048	.0012984	.0057788	-.001185	.0063541	.000277
#2	-.001050	.0023344	.0027168	.0061344	.001468	.0079889	-.000928
#3	.010384	.0010165	-.003258	.0056567	-.000279	.0159003	.000348

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000268	-.000011	-.028325	-.000990	-.000038	.0007467	.0058026
Stddev	.0000750	.000029	.019777	.000568	.000483	.0008721	.0139219
%RSD	279.9184	252.1424	69.82223	57.39602	1257.141	116.7952	239.9234

#1	-.000007	-.000040	-.011241	-.000729	-.000249	-.000207	-.003784
#2	-.000025	-.000012	-.049992	-.000599	-.000380	.000943	.021771
#3	.000113	.000018	-.023743	-.001642	.000514	.001504	-.000580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000324	-.018439	.0002647	-.000090	.0586622	-.000341	.0031301
Stddev	.000680	.029037	.0003800	.000064	.4108217	.004264	.0029865
%RSD	209.8472	157.4734	143.5351	70.92278	700.3182	1251.160	95.41098

#1	-.001088	-.032275	.0004072	-.000082	.5111201	.001960	.0002271
#2	-.000098	-.037970	-.000166	-.000031	-.291000	-.005261	.0061936
#3	.000214	.014928	.000553	-.000159	-.044133	.002278	.0029696

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184560	-.000621	-.001988	.0004026	-.000074	-.003384	.0000193
Stddev	.0133973	.000406	.000444	.0004169	.000723	.000509	.0012262
%RSD	72.59041	65.33716	22.32232	103.5515	972.9174	15.05648	6348.477

#1	.0066554	-.000184	-.001480	-.000061	-.000106	-.002995	.0012451
#2	.0156933	-.000986	-.002184	.000522	.000664	-.003960	-.001207
#3	.0330192	-.000692	-.002300	.000746	-.000781	-.003196	.000020

Sample Name: PB139368BL Acquired: 01/05/2022 15:46:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS368 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002531	-.001123	-.000072
Stddev	.0004104	.001766	.000091
%RSD	162.2010	157.2279	126.6807

#1	-.000084	-.003160	.000018
#2	.000133	-.000183	-.000163
#3	.000710	-.000026	-.000070

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1259.264	40601.31	6793.567	1117.263	1958.088
Stddev	2.168	196.83	35.323	13.218	.885
%RSD	.1721480	.4847923	.5199519	1.183062	.0451916

#1	1261.042	40437.19	6756.525	1112.218	1957.667
#2	1259.900	40819.54	6797.300	1132.260	1959.105
#3	1256.849	40547.21	6826.875	1107.310	1957.493

Sample Name: PB139368BS Acquired: 01/05/2022 15:55:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS368 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0255929	.0503521	.0185232	.0721748	.1135301	.4087454
Stddev	.0128381	.0034945	.0028851	.0038607	.0034520	.0068573
%RSD	50.16270	6.940203	15.57578	5.349079	3.040635	1.677655

#1	.0187873	.0543848	.0152362	.0743045	.1157543	.4166584
#2	.0404010	.0482136	.0196970	.0745016	.1095534	.4050353
#3	.0175906	.0484580	.0206364	.0677183	.1152826	.4045424

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4055162	.0105856	.0102516	10.22061	.0210642	.0969626
Stddev	.0016792	.0000975	.0001369	.02208	.0002065	.0004042
%RSD	.4140995	.9207313	1.335523	.2160647	.9804061	.4168908

#1	.4074275	.0106632	.0103471	10.24540	.0212967	.0970170
#2	.4048436	.0104762	.0103129	10.21341	.0209940	.0973369
#3	.4042776	.0106174	.0100947	10.20303	.0209019	.0965339

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0498193	.2179469	.0315962	10.01331	.0841512	.0200084
Stddev	.0022097	.0035054	.0008197	.01730	.0004047	.0002962
%RSD	4.435431	1.608394	2.594138	.1727307	.4809573	1.480122

#1	.0518895	.2219569	.0325171	10.03140	.0843353	.0199347
#2	.0474925	.2154644	.0313250	9.99694	.0836871	.0197561
#3	.0500760	.2164194	.0309465	10.01160	.0844311	.0203345

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.54701	.1042272	.1063822	9.859335	F .0024803	.0143695
Stddev	.27232	.0014651	.0115484	.179836	.0003734	.0011338
%RSD	2.581975	1.405668	10.85553	1.824013	15.05471	7.890487

#1	10.84266	.1025989	.1169048	10.04355	.0020860	.0155974
#2	10.30644	.1046442	.0940272	9.85024	.0028285	.0141490
#3	10.49193	.1054386	.1082147	9.68422	.0025264	.0133622

Sample Name: PB139368BS Acquired: 01/05/2022 15:55:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS368 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211073	F .0183459	.2031477	.0123024	.2066280	.0308178
Stddev	.0004583	.0002233	.0022195	.0006335	.0022170	.0011299
%RSD	2.171352	1.216952	1.092569	5.149487	1.072956	3.666277

#1	.0216356	.0181051	.2056661	.0122108	.2085574	.0319902
#2	.0208160	.0185461	.2014766	.0129767	.2071203	.0307273
#3	.0208704	.0183863	.2023003	.0117196	.2042061	.0297359

Elem	Sr4077
Units	ppm
Avg	.2117566
Stddev	.0036674
%RSD	1.731889

#1	.2158069
#2	.2108019
#3	.2086609

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1257.568	40679.76	6803.879	1108.352	1934.138
Stddev	4.750	117.54	80.496	4.756	3.334
%RSD	.3777349	.2889324	1.183089	.4290660	.1723856

#1	1256.386	40704.33	6748.151	1113.825	1934.358
#2	1262.798	40551.88	6767.319	1106.002	1937.357
#3	1253.520	40783.07	6896.167	1105.229	1930.699

Sample Name: PB139395BL Acquired: 01/05/2022 15:59:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS395 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001805	-.000715	-.000855	-.002324	-.002390	.0000411	.0006678
Stddev	.008388	.002150	.000869	.005147	.000446	.0048517	.0010522
%RSD	464.6016	300.5238	101.6918	221.4603	18.66382	11800.71	157.5651

#1	.002245	-.002708	-.000180	-.006694	-.001938	.0021794	.0000530
#2	-.011450	-.001002	-.000549	.003349	-.002402	-.005512	.0000676
#3	.003788	.001564	-.001835	-.003627	-.002830	.003456	.0018827

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000077	-.000029	-.027950	.0000308	-.000221	-.002090	-.013233
Stddev	.0000946	.000080	.020128	.0006771	.000162	.005889	.006278
%RSD	1224.535	275.1919	72.01475	2196.456	73.17333	281.6855	47.44053

#1	-.000090	.000063	-.051189	.0000447	-.000264	-.008662	-.018227
#2	.000098	-.000084	-.016653	.0007009	-.000358	-.000317	-.006186
#3	.000015	-.000066	-.016008	-.000653	-.000042	.002708	-.015286

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	.0142851	.0004021	-.000135	.0690346	-.002653	.0032288
Stddev	.000242	.0213736	.0000898	.000488	.4262012	.002458	.0052009
%RSD	718.6827	149.6212	22.33315	361.1341	617.3732	92.63594	161.0784

#1	.000008	.0092576	.0004034	-.000121	.4544528	.000027	.0053479
#2	-.000293	-.004127	.0004913	-.000630	.1413484	-.003186	-.002697
#3	.000184	.037724	.0003117	.000346	-.388697	-.004800	.007036

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.123722	-.000470	-.007506	.0003744	.0003449	-.002546	.0002616
Stddev	.044767	.000357	.002279	.0007493	.0006933	.000248	.0020107
%RSD	36.18333	75.92325	30.36370	200.1450	201.0405	9.745262	768.5092

#1	-.074587	-.000851	-.005299	-.000307	-.000398	-.002818	-.001804
#2	-.162196	-.000144	-.007369	.001177	.000458	-.002332	.000376
#3	-.134383	-.000415	-.009851	.000253	.000974	-.002488	.002213

Sample Name: PB139395BL Acquired: 01/05/2022 15:59:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS395 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000381	-.002976	-.000007
Stddev	.0006323	.002377	.000109
%RSD	1658.537	79.88260	1611.220

#1	.0007397	-.005581	.000118
#2	-.000137	-.000925	-.000075
#3	-.000488	-.002422	-.000063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1271.272	40862.32	6834.175	1119.444	1977.593
Stddev	2.576	187.15	13.251	6.178	1.911
%RSD	.2026311	.4579943	.1938868	.5518429	.0966119

#1	1274.130	41078.31	6840.725	1124.552	1979.223
#2	1269.129	40748.38	6818.925	1121.202	1975.490
#3	1270.557	40760.27	6842.875	1112.578	1978.065

Sample Name: PB139395BS Acquired: 01/05/2022 16:03:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS395 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198995	.0502112	.0181573	.0753283	.1175348	.4097387
Stddev	.0086107	.0037765	.0019526	.0072070	.0032943	.0136334
%RSD	43.27103	7.521301	10.75356	9.567412	2.802825	3.327348

#1	.0200453	.0545275	.0160481	.0678472	.1195892	.4221783
#2	.0284365	.0485910	.0185222	.0822257	.1192802	.4118743
#3	.0112169	.0475151	.0199017	.0759119	.1137351	.3951635

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4133053	.0110682	.0107549	10.46774	.0217839	.0995580
Stddev	.0030638	.0001535	.0000514	.09322	.0004589	.0003767
%RSD	.7412827	1.387126	.4782596	.8905074	2.106636	.3783773

#1	.4168241	.0112407	.0107251	10.57432	.0214461	.0991436
#2	.4118623	.0109467	.0108143	10.42753	.0223064	.0998798
#3	.4112295	.0110170	.0107253	10.40139	.0215993	.0996505

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0516682	.2193802	.0328955	10.18884	.0848414	.0202781
Stddev	.0026108	.0082128	.0004289	.08905	.0005751	.0008451
%RSD	5.052986	3.743657	1.303973	.8739681	.6778262	4.167386

#1	.0531403	.2256934	.0332789	10.29108	.0850682	.0195682
#2	.0532105	.2223519	.0324322	10.14716	.0852685	.0212129
#3	.0486538	.2100951	.0329755	10.12827	.0841875	.0200532

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.58309	.1062027	.1065547	10.11486	F .0022800	F .0134819
Stddev	.17186	.0009434	.0055859	.12515	.0003750	.0026100
%RSD	1.623928	.8883165	5.242296	1.237321	16.44891	19.35928

#1	10.76269	.1066886	.1108095	10.22795	.0025407	.0154239
#2	10.56640	.1051153	.1002291	10.13622	.0018502	.0105150
#3	10.42019	.1068040	.1086256	9.98040	.0024492	.0145068

Sample Name: PB139395BS Acquired: 01/05/2022 16:03:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS395 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0208348	F .0186505	.2085180	.0122803	.2129047	.0310632
Stddev	.0008625	.0009723	.0038963	.0043057	.0043809	.0004698
%RSD	4.139574	5.212994	1.868570	35.06160	2.057661	1.512238

#1	.0216068	.0176998	.2110083	.0126818	.2175932	.0307978
#2	.0199040	.0196429	.2105179	.0163711	.2122051	.0307861
#3	.0209937	.0186089	.2040279	.0077879	.2089157	.0316055

Elem	Sr4077
Units	ppm
Avg	.2150169
Stddev	.0027019
%RSD	1.256615

#1	.2171184
#2	.2159632
#3	.2119691

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1256.862	40528.24	6755.733	1112.077	1931.234
Stddev	1.933	205.16	84.246	11.916	2.185
%RSD	.1538115	.5062119	1.247036	1.071508	.1131357

#1	1258.891	40375.37	6691.212	1118.572	1933.635
#2	1256.652	40447.95	6724.945	1098.325	1929.364
#3	1255.042	40761.40	6851.043	1119.335	1930.703

Sample Name: M3841-01 Acquired: 01/05/2022 16:07:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1116145	.0023350	1.136154	.0359223	.0041031	86.21646	.9703607
Stddev	.0215713	.0044095	.001794	.0080732	.0015447	.37060	.0019980
%RSD	19.32664	188.8456	.1579186	22.47414	37.64818	.4298463	.2059084

#1	.0913584	.0073657	1.134567	.0439266	.0040491	86.20588	.9723965
#2	.1342961	.0004994	1.135794	.0360586	.0025860	85.85126	.9684026
#3	.1091890	-.000860	1.138101	.0277818	.0056741	86.59223	.9702830

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105641	-.001600	48.18677	.1357766	.0946661	.1442262	243.7122
Stddev	.0000756	.000101	.10487	.0007630	.0002536	.0013553	.9365
%RSD	.7159296	6.327722	.2176415	.5619622	.2678435	.9396977	.3842842

#1	.0104993	-.001656	48.22027	.1362407	.0946857	.1457771	243.9575
#2	.0105458	-.001662	48.06923	.1361932	.0949092	.1432693	242.6774
#3	.0106472	-.001483	48.27079	.1348960	.0944033	.1436322	244.5017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.33607	16.71055	.1343053	-.020700	1.669036	.2957728	.8045897
Stddev	.03040	.08646	.0004770	.000158	.225027	.0018865	.0106453
%RSD	.2940990	.5173974	.3551637	.7615405	13.48243	.6378228	1.323067

#1	10.34998	16.79996	.1337549	-.020527	1.773499	.2971426	.7933430
#2	10.30120	16.62738	.1345627	-.020835	1.410764	.2965548	.8059169
#3	10.35702	16.70431	.1345984	-.020739	1.822844	.2936210	.8145091

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.253432	.7538685	.1844192	.0177798	.2101456	49.02720	.0126613
Stddev	.083315	.0022433	.0031821	.0005561	.0004691	.16040	.0010571
%RSD	1.585920	.2975777	1.725453	3.127595	.2232059	.3271666	8.349236

#1	5.184929	.7522120	.1824356	.0171784	.2099492	49.16058	.0114945
#2	5.346180	.7564215	.1827324	.0182754	.2098067	49.07179	.0129344
#3	5.229186	.7529721	.1880895	.0178855	.2106810	48.84922	.0135551

Sample Name: M3841-01 Acquired: 01/05/2022 16:07:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7638019	.1062724	-.093051
Stddev	.0033624	.0008265	.000602
%RSD	.4402173	.7776804	.6465119

#1	.7610937	.1053386	-.093683
#2	.7627466	.1069099	-.092986
#3	.7675653	.1065685	-.092485

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1379.463	44647.81	7561.437	1221.769	1886.163
Stddev	1.432	365.00	33.778	9.896	1.497
%RSD	.1038419	.8174999	.4467115	.8099869	.0793829

#1	1381.091	44546.76	7548.631	1227.631	1886.958
#2	1378.397	45052.68	7599.746	1227.332	1887.095
#3	1378.901	44343.99	7535.935	1210.343	1884.436

Sample Name: M3841-02 Acquired: 01/05/2022 16:11:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1172164	-.004125	1.680840	.0204070	.0009281	96.69050	1.014305
Stddev	.0143782	.006882	.004131	.0012279	.0030301	.68421	.007530
%RSD	12.26637	166.8107	.2457511	6.017009	326.4805	.7076307	.7424270

#1	.1159885	-.010942	1.678791	.0198172	.0021269	95.95288	1.005666
#2	.1321692	.002820	1.685595	.0218185	.0031754	96.81418	1.017769
#3	.1034916	-.004254	1.678135	.0195853	-.002518	97.30444	1.019481

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096603	.0004445	86.23013	.1545014	.0988208	.2412186	248.0641
Stddev	.0001889	.0001865	.50093	.0015792	.0007278	.0038103	1.1065
%RSD	1.955574	41.95944	.5809264	1.022093	.7364784	1.579600	.4460717

#1	.0095281	.0004622	85.65271	.1555234	.0988208	.2389635	246.7917
#2	.0095761	.0002498	86.48921	.1526826	.0995486	.2390744	248.5993
#3	.0098767	.0006215	86.54846	.1552982	.0980931	.2456179	248.8013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.626005	26.01411	.2053502	-.020035	1.839469	.2678714	1.141626
Stddev	.018750	.16497	.0002798	.000394	.199705	.0033148	.017297
%RSD	.4053235	.6341564	.1362728	1.966201	10.85667	1.237469	1.515112

#1	4.604368	25.82730	.2052048	-.019725	1.845301	.2648762	1.122157
#2	4.636129	26.07522	.2056727	-.019900	2.036193	.2714329	1.155220
#3	4.637516	26.13981	.2051728	-.020478	1.636911	.2673051	1.147500

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.890126	.6198888	.2022435	.0138472	.2505401	46.98638	.0292449
Stddev	.048802	.0040309	.0004072	.0009340	.0025972	.07132	.0010170
%RSD	.6185179	.6502555	.2013202	6.745191	1.036648	.1517978	3.477582

#1	7.843971	.6227549	.2027133	.0129173	.2512621	46.90443	.0281722
#2	7.885204	.6216317	.2020240	.0147853	.2526999	47.02022	.0293672
#3	7.941202	.6152797	.2019933	.0138391	.2476582	47.03448	.0301952

Sample Name: M3841-02 Acquired: 01/05/2022 16:11:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9686369	.1022609	.0051538
Stddev	.0059027	.0010626	.0008979
%RSD	.6093779	1.039112	17.42287

#1	.9619228	.1025922	.0051439
#2	.9709783	.1031183	.0042609
#3	.9730096	.1010721	.0060567

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1368.769	44551.91	7617.776	1212.438	1811.373
Stddev	1.292	119.49	35.967	6.422	3.637
%RSD	.0944184	.2682066	.4721402	.5296868	.2007819

#1	1367.749	44683.62	7659.290	1219.742	1810.699
#2	1368.337	44521.65	7596.010	1207.677	1808.121
#3	1370.223	44450.45	7598.028	1209.894	1815.300

Sample Name: M3841-03 Acquired: 01/05/2022 16:15:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1123298	-.000672	2.167746	.0324957	.0055061	83.45761	1.237910
Stddev	.0071786	.004235	.007961	.0060155	.0018347	.23931	.001620
%RSD	6.390677	630.4135	.3672588	18.51185	33.32071	.2867498	.1308579

#1	.1170750	.000920	2.161948	.0282026	.0033933	83.53003	1.239751
#2	.1040712	.002537	2.164466	.0393713	.0064289	83.19044	1.237278
#3	.1158433	-.005472	2.176823	.0299132	.0066963	83.65234	1.236701

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103103	.0039313	59.54114	.1532361	.1014055	.3672278	248.2663
Stddev	.0001141	.0000607	.19485	.0009791	.0010596	.0002299	.5655
%RSD	1.106984	1.544115	.3272529	.6389516	1.044939	.0626088	.2277990

#1	.0102122	.0039619	59.75551	.1543583	.1001821	.3670808	248.6434
#2	.0102831	.0038614	59.37480	.1525565	.1020017	.3674928	247.6161
#3	.0104356	.0039707	59.49311	.1527933	.1020328	.3671099	248.5396

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.245772	20.82843	.2115619	-.018788	2.414134	.2568888	1.594567
Stddev	.016574	.04944	.0015812	.000852	.140122	.0023316	.002017
%RSD	.3159507	.2373853	.7473748	4.536208	5.804250	.9076189	.1265020

#1	5.258857	20.77771	.2123085	-.018518	2.253334	.2595808	1.596409
#2	5.227134	20.87649	.2097456	-.018103	2.510081	.2555104	1.594881
#3	5.251324	20.83110	.2126314	-.019742	2.478987	.2555751	1.592412

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.093202	.6235123	.2246503	.0144324	.6566349	49.80344	.0615977
Stddev	.009411	.0019674	.0047445	.0005371	.0037767	.07861	.0034277
%RSD	.1326788	.3155274	2.111955	3.721559	.5751649	.1578329	5.564663

#1	7.082361	.6257598	.2220227	.0143211	.6609678	49.74608	.0617541
#2	7.097968	.6226747	.2218010	.0150164	.6540402	49.77119	.0580945
#3	7.099277	.6221023	.2301273	.0139597	.6548968	49.89304	.0649445

Sample Name: M3841-03 Acquired: 01/05/2022 16:15:52 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWXL2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.151494	.0934107	-.034265
Stddev	.005870	.0011380	.000845
%RSD	.5097763	1.218257	2.467203

#1	1.155983	.0921393	-.034941
#2	1.144852	.0943338	-.034538
#3	1.153648	.0937590	-.033318

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1383.705	44827.33	7608.348	1226.427	1863.262
Stddev	3.454	123.44	18.856	1.332	.930
%RSD	.2496190	.2753668	.2478285	.1085911	.0499293

#1	1383.969	44721.17	7607.104	1226.829	1863.122
#2	1380.126	44962.78	7627.794	1227.511	1862.409
#3	1387.019	44798.05	7590.145	1224.940	1864.254

Sample Name: M3841-04 Acquired: 01/05/2022 16:19:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1013057	-.006641	.5809065	.0321510	.0043208	104.9777	.7857155
Stddev	.0020768	.010828	.0064638	.0091162	.0019736	.4999	.0030552
%RSD	2.050057	163.0393	1.112715	28.35427	45.67656	.4761812	.3888389

#1	.1008866	-.010379	.5810046	.0216370	.0022917	105.3186	.7885176
#2	.0994703	.005560	.5873207	.0369657	.0044368	105.2107	.7861704
#3	.1035601	-.015106	.5743942	.0378504	.0062338	104.4039	.7824583

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125943	-.002680	42.38317	.1625503	.1214978	.1722552	306.8032
Stddev	.0001584	.000069	.07282	.0005546	.0005255	.0020624	1.2939
%RSD	1.258035	2.566844	.1718035	.3411642	.4324853	1.197263	.4217521

#1	.0124803	-.002726	42.46183	.1620160	.1218321	.1733894	307.3227
#2	.0125273	-.002601	42.31812	.1625118	.1217691	.1735015	307.7566
#3	.0127752	-.002714	42.36957	.1631231	.1208921	.1698747	305.3302

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.062034	24.81675	.2116485	-.025644	1.887126	.2769975	.7618937
Stddev	.018431	.14295	.0012676	.000266	.326771	.0044727	.0063695
%RSD	.3640935	.5760185	.5989191	1.037565	17.31581	1.614695	.8360130

#1	5.077431	24.90472	.2117653	-.025338	2.238791	.2810912	.7548968
#2	5.067057	24.89372	.2128536	-.025777	1.592853	.2776774	.7634290
#3	5.041612	24.65181	.2103265	-.025818	1.829732	.2722238	.7673552

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.561154	.4425719	.2291121	.0092954	.1243878	49.87978	.0128951
Stddev	.056952	.0022325	.0044757	.0000611	.0012411	.27218	.0012682
%RSD	.8680155	.5044390	1.953511	.6571721	.9977874	.5456797	9.834950

#1	6.614178	.4439397	.2327498	.0092595	.1239739	49.96795	.0129775
#2	6.568329	.4437804	.2304726	.0093659	.1234065	49.57444	.0141201
#3	6.500955	.4399957	.2241140	.0092607	.1257830	50.09695	.0115877

Sample Name: M3841-04 Acquired: 01/05/2022 16:19:51 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6171708	.1324034	-.094754
Stddev	.0034903	.0005070	.000384
%RSD	.5655357	.3829429	.4048198

#1	.6191899	.1322036	-.094540
#2	.6191819	.1329799	-.095197
#3	.6131405	.1320266	-.094525

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1415.156	45993.39	7790.053	1255.530	1852.224
Stddev	2.419	241.88	35.204	2.003	2.290
%RSD	.1709087	.5259056	.4519064	.1595529	.1236309

#1	1417.893	46253.77	7797.056	1257.764	1851.528
#2	1413.306	45950.73	7821.229	1254.932	1850.363
#3	1414.268	45775.68	7751.874	1253.894	1854.781

Sample Name: M3841-05 Acquired: 01/05/2022 16:23:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1207598	-.008183	4.239858	.0297760	.0047574	96.12158	1.569224
Stddev	.0051257	.003773	.004494	.0089954	.0018851	1.33097	.021908
%RSD	4.244551	46.10263	.1059925	30.21010	39.62441	1.384678	1.396074

#1	.1249377	-.004354	4.234780	.0287022	.0035055	95.43746	1.560573
#2	.1223015	-.008298	4.241476	.0213657	.0038412	95.27180	1.552963
#3	.1150402	-.011897	4.243320	.0392601	.0069255	97.65548	1.594136

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125050	.0117680	103.8756	.1907178	.1107481	.6955327	268.1245
Stddev	.0001835	.0001360	1.1992	.0007477	.0001387	.0108780	3.9318
%RSD	1.467140	1.155385	1.154485	.3920542	.1252671	1.563982	1.466419

#1	.0122934	.0118615	103.0553	.1909072	.1106058	.6864337	265.2286
#2	.0126011	.0118306	103.3196	.1913526	.1108830	.6925830	266.5442
#3	.0126204	.0116121	105.2519	.1898936	.1107556	.7075814	272.6006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.765755	22.00082	.2343976	-.021145	1.739006	.2916219	3.026174
Stddev	.075504	.32029	.0011125	.000286	.035599	.0036154	.046731
%RSD	1.309528	1.455816	.4746420	1.351974	2.047112	1.239748	1.544222

#1	5.697370	21.82547	.2338680	-.021339	1.720334	.2883025	3.054647
#2	5.753112	21.80649	.2356760	-.021279	1.716627	.2954741	2.972242
#3	5.846782	22.37050	.2336488	-.020817	1.780057	.2910891	3.051633

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.691135	1.431277	.2823642	.0193979	.6478480	47.55936	.0711554
Stddev	.182889	.001992	.0055068	.0005667	.0043510	.83044	.0039032
%RSD	1.887183	.1391664	1.950242	2.921206	.6716124	1.746113	5.485509

#1	9.569381	1.433520	.2806010	.0188342	.6527934	46.62543	.0744074
#2	9.602579	1.430595	.2779550	.0193920	.6461425	47.83800	.0668269
#3	9.901446	1.429715	.2885367	.0199674	.6446081	48.21465	.0722317

Sample Name: M3841-05 Acquired: 01/05/2022 16:23:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.000604	.1067630	.0105901
Stddev	.015808	.0013553	.0008521
%RSD	1.579803	1.269455	8.046518

#1	.992128	.1081155	.0096124
#2	.990842	.1067685	.0109825
#3	1.018842	.1054049	.0111752

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1376.677	44987.18	7575.159	1224.671	1818.871
Stddev	.690	367.89	85.332	16.644	1.445
%RSD	.0501018	.8177741	1.126475	1.359079	.0794401

#1	1376.934	44564.93	7654.744	1210.006	1817.226
#2	1377.202	45238.62	7585.679	1242.762	1819.937
#3	1375.896	45158.00	7485.055	1221.246	1819.449

Sample Name: M3841-06 Acquired: 01/05/2022 16:27:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1203616	.0016578	5.312685	.0352460	.0070238	102.9712	1.867457
Stddev	.0049674	.0045800	.025771	.0034977	.0033368	.6561	.007810
%RSD	4.127088	276.2759	.4850798	9.923543	47.50711	.6371469	.4182124

#1	.1220013	.0069179	5.306436	.0312810	.0077279	103.0081	1.867172
#2	.1243018	-.001446	5.290614	.0365634	.0099523	103.6080	1.875405
#3	.1147816	-.000498	5.341006	.0378937	.0033911	102.2975	1.859793

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164789	.0157741	116.9870	.1928539	.1092903	.5638259	290.7517
Stddev	.0001089	.0001116	.4355	.0009244	.0011345	.0061136	1.1040
%RSD	.6606493	.7076470	.3722809	.4793280	1.038078	1.084309	.3797017

#1	.0165980	.0157635	116.9248	.1936535	.1080339	.5636639	290.4960
#2	.0164543	.0158906	117.4503	.1930666	.1102399	.5700189	291.9611
#3	.0163844	.0156681	116.5860	.1918418	.1095969	.5577949	289.7980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.236809	21.58042	.2622778	-.021270	2.227822	.3308126	3.354064
Stddev	.017393	.07944	.0011465	.000549	.214532	.0060845	.011102
%RSD	.3321357	.3680919	.4371188	2.580362	9.629683	1.839259	.3309884

#1	5.238691	21.57648	.2616772	-.021901	2.460208	.3345502	3.350958
#2	5.253185	21.66175	.2615565	-.020904	2.185937	.3340958	3.366387
#3	5.218552	21.50303	.2635998	-.021006	2.037321	.3237917	3.344846

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.535280	1.503751	.4472768	.0286136	.6486834	48.03149	.1147954
Stddev	.077341	.011627	.0049635	.0004556	.0034946	.08779	.0014520
%RSD	.8111085	.7731753	1.109717	1.592229	.5387266	.1827662	1.264871

#1	9.477380	1.500106	.4442271	.0288637	.6495093	47.95672	.1131998
#2	9.623114	1.494383	.4530041	.0280877	.6448497	48.12815	.1151471
#3	9.505345	1.516763	.4445990	.0288894	.6516910	48.00959	.1160392

Sample Name: M3841-06 Acquired: 01/05/2022 16:27:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.305054	.1032712	.0384922
Stddev	.009363	.0002665	.0021621
%RSD	.7174712	.2580807	5.616990

#1	1.301866	.1035001	.0390923
#2	1.315595	.1033349	.0402908
#3	1.297701	.1029786	.0360934

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1391.993	45248.55	7761.448	1233.134	1809.355
Stddev	5.112	275.66	26.592	3.647	5.835
%RSD	.3672194	.6092102	.3426118	.2957315	.3225004

#1	1394.114	44931.76	7748.678	1229.918	1813.167
#2	1395.703	45380.13	7743.650	1232.388	1812.261
#3	1386.162	45433.76	7792.016	1237.097	1802.638

Sample Name: M3841-07 Acquired: 01/05/2022 16:31:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1197113	-.000735	4.483500	.0282312	.0059973	99.63597	1.738563
Stddev	.0164445	.001238	.012694	.0019221	.0017304	1.95580	.035982
%RSD	13.73680	168.3375	.2831255	6.808462	28.85243	1.962946	2.069651

#1	.1268988	-.000487	4.487035	.0302122	.0074786	100.1957	1.755142
#2	.1313385	.000360	4.469414	.0281076	.0040954	101.2509	1.763267
#3	.1008967	-.002078	4.494053	.0263739	.0064177	97.4613	1.697280

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157232	.0123693	98.87888	.1857723	.1050262	.5371854	288.6249
Stddev	.0001105	.0001514	1.64246	.0005103	.0012741	.0135301	4.7175
%RSD	.7027930	1.224020	1.661087	.2746841	1.213135	2.518694	1.634468

#1	.0158017	.0123011	99.57019	.1860180	.1044980	.5365701	290.3348
#2	.0157711	.0122639	100.0627	.1861133	.1041011	.5510127	292.2490
#3	.0155969	.0125428	97.0038	.1851857	.1064795	.5239736	283.2909

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.036808	21.28049	.2584836	-.020970	2.194714	.3236664	2.881166
Stddev	.075132	.32425	.0004996	.000494	.186865	.0090687	.014722
%RSD	1.491664	1.523694	.1932937	2.355223	8.514342	2.801860	.5109674

#1	5.053480	21.36161	.2580409	-.021021	1.987093	.3310692	2.872807
#2	5.102204	21.55647	.2590254	-.020452	2.349405	.3263789	2.872526
#3	4.954740	20.92338	.2583846	-.021436	2.247645	.3135509	2.898164

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.468736	1.356236	.4064659	.0266986	.6128944	47.92933	.1046642
Stddev	.240527	.005256	.0070467	.0005852	.0014053	.54507	.0000729
%RSD	2.540220	.3875580	1.733655	2.192006	.2292839	1.137237	.0696510

#1	9.494485	1.354642	.4122751	.0266194	.6145171	48.29352	.1047250
#2	9.695353	1.351961	.4084954	.0261571	.6120792	48.19178	.1045834
#3	9.216371	1.362105	.3986271	.0273195	.6120871	47.30268	.1046841

Sample Name: M3841-07 Acquired: 01/05/2022 16:31:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL5D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.259714	.1064375	.0029820
Stddev	.022374	.0030687	.0011625
%RSD	1.776154	2.883113	38.98502

#1	1.264492	.1099689	.0033676
#2	1.279313	.1049254	.0039028
#3	1.235336	.1044183	.0016757

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1413.388	46174.47	7844.352	1261.537	1841.025
Stddev	4.578	94.38	83.383	13.270	1.817
%RSD	.3239050	.2043988	1.062964	1.051869	.0986978

#1	1418.569	46274.74	7770.771	1253.620	1842.319
#2	1411.707	46087.36	7827.365	1276.857	1841.808
#3	1409.888	46161.32	7934.920	1254.135	1838.947

Sample Name: M3841-06LX5 Acquired: 01/05/2022 16:35:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0360247	-.000184	.9774974	.0116110	.0011865	21.16196	.3834735
Stddev	.0060853	.002807	.0029982	.0051428	.0017275	.09138	.0012316
%RSD	16.89215	1528.906	.3067259	44.29275	145.5871	.4317942	.3211602

#1	.0315187	-.002042	.9809246	.0159530	.0010578	21.12702	.3824564
#2	.0429471	-.001554	.9753592	.0129483	-.000473	21.26565	.3848428
#3	.0336083	.003045	.9762085	.0059316	.002975	21.09321	.3831213

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034330	.0025513	24.42901	.0406928	.0191653	.1167920	61.78129
Stddev	.0000379	.0000500	.08235	.0009389	.0002689	.0003422	.19213
%RSD	1.105055	1.958699	.3370988	2.307246	1.403228	.2930105	.3109824

#1	.0034411	.0025847	24.38419	.0404955	.0194261	.1164342	61.77464
#2	.0033917	.0024939	24.52404	.0398682	.0191809	.1171161	61.97666
#3	.0034663	.0025754	24.37878	.0417146	.0188889	.1168257	61.59257

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.105198	4.517954	.0489476	-.004688	.3743737	.0687272	.6805180
Stddev	.001597	.040151	.0004937	.000215	.0464618	.0025178	.0062504
%RSD	.1445025	.8887070	1.008591	4.589793	12.41053	3.663536	.9184771

#1	1.106311	4.509885	.0486511	-.004562	.4240829	.0688611	.6862688
#2	1.105914	4.561527	.0486743	-.004565	.3669961	.0661450	.6814194
#3	1.103368	4.482450	.0495175	-.004936	.3320421	.0711754	.6738658

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.127399	.2603043	.0884735	.0056612	.1103250	9.979007	.0205679
Stddev	.019542	.0010500	.0007820	.0004555	.0007164	.040485	.0019922
%RSD	1.733357	.4033570	.8839345	8.045875	.6493178	.4056978	9.685982

#1	1.149020	.2615086	.0893113	.0056359	.1107222	9.932552	.0227869
#2	1.122182	.2598233	.0877627	.0052189	.1107547	10.00675	.0189332
#3	1.110995	.2595809	.0883465	.0061288	.1094980	9.99772	.0199836

Sample Name: M3841-06LX5 Acquired: 01/05/2022 16:35:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2718314	.0172782	.0067308
Stddev	.0011343	.0001446	.0002263
%RSD	.4172635	.8370660	3.361422

#1	.2723759	.0173080	.0065803
#2	.2725907	.0171210	.0066211
#3	.2705275	.0174056	.0069910

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1306.316	41810.79	6991.273	1140.413	1963.848
Stddev	1.812	75.75	47.449	4.145	2.030
%RSD	.1387181	.1811846	.6786941	.3634693	.1033875

#1	1304.617	41850.26	7030.077	1136.885	1964.867
#2	1308.223	41858.65	6938.373	1139.377	1961.510
#3	1306.106	41723.45	7005.369	1144.978	1965.167

Sample Name: M3841-08 Acquired: 01/05/2022 16:39:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2048759	.0747627	1.657834	.1942657	.0238553	118.8813	5.612032
Stddev	.0086529	.0057561	.006361	.0055823	.0050227	4.8791	.184492
%RSD	4.223503	7.699183	.3836789	2.873543	21.05495	4.104199	3.287440

#1	.2083453	.0805608	1.665040	.1926748	.0290939	116.0222	5.528829
#2	.1950266	.0746779	1.652999	.2004707	.0190806	124.5150	5.823472
#3	.2112557	.0690495	1.655464	.1896515	.0233914	116.1066	5.483794

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1116868	.1067911	40.66261	.5955661	1.172045	.9554036	346.6571
Stddev	.0035453	.0005005	1.45914	.0021435	.004100	.0424021	13.9185
%RSD	3.174336	.4686979	3.588407	.3599083	.3498377	4.438134	4.015065

#1	.1094621	.1069103	39.90821	.5979698	1.174970	.9291483	338.6815
#2	.1157752	.1062418	42.34451	.5948755	1.167359	1.004321	362.7286
#3	.1098229	.1072213	39.73510	.5938531	1.173807	.932741	338.5612

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.512550	27.10033	1.355720	.1026412	2.669535	1.291545	2.674072
Stddev	.213923	1.07152	.006217	.0009909	.031130	.049868	.020165
%RSD	3.880662	3.953915	.4586080	.9654152	1.166122	3.861123	.7541009

#1	5.391323	26.44140	1.360323	.1025709	2.633657	1.264787	2.662097
#2	5.759554	28.33673	1.348647	.1036654	2.685564	1.349081	2.697354
#3	5.386774	26.52287	1.358188	.1016873	2.689385	1.260767	2.662765

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.59828	.9503255	.3237702	.0226655	.3155314	47.00706	.0946618
Stddev	.58763	.0065978	.0154323	.0001524	.0014521	1.55354	.0042184
%RSD	4.664376	.6942717	4.766450	.6722476	.4602151	3.304904	4.456236

#1	12.20709	.9533659	.3136562	.0228269	.3152023	46.09878	.0927036
#2	13.27402	.9427556	.3415330	.0226453	.3142721	48.80088	.0917784
#3	12.31373	.9548549	.3161215	.0225242	.3171198	46.12152	.0995033

Sample Name: M3841-08 Acquired: 01/05/2022 16:39:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.142816	.1592258	-.160745
Stddev	.046632	.0060644	.005244
%RSD	4.080471	3.808709	3.262322

#1	1.114528	.1552742	-.158705
#2	1.196639	.1662082	-.166702
#3	1.117282	.1561951	-.156827

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1445.063	46757.54	7830.994	1276.480	1831.955
Stddev	1.156	86.63	260.306	6.642	4.015
%RSD	.0800293	.1852645	3.324051	.5203041	.2191546

#1	1443.818	46717.79	7990.708	1271.737	1828.050
#2	1446.103	46856.91	7530.619	1273.633	1836.072
#3	1445.270	46697.92	7971.653	1284.071	1831.743

Sample Name: M3841-09 Acquired: 01/05/2022 16:43:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1264270	-.003063	3.069880	.0382069	.0059181	96.17846	1.479306
Stddev	.0152348	.002077	.003040	.0071397	.0040200	.56456	.003715
%RSD	12.05025	67.81617	.0990198	18.68693	67.92805	.5869894	.2511131

#1	.1429799	-.004369	3.070765	.0377752	.0070399	96.82528	1.480790
#2	.1233077	-.000668	3.066496	.0312929	.0092580	95.92538	1.482050
#3	.1129933	-.004154	3.072379	.0455527	.0014563	95.78472	1.475079

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120006	.0006078	35.91335	.1611201	.1310653	.3176451	277.6600
Stddev	.0002282	.0002343	.02824	.0002894	.0004006	.0048019	1.3496
%RSD	1.901372	38.54537	.0786372	.1796026	.3056391	1.511708	.4860638

#1	.0120340	.0003908	35.93551	.1613134	.1307151	.3223297	279.1842
#2	.0122102	.0008562	35.88155	.1612596	.1309786	.3178716	276.6165
#3	.0117576	.0005764	35.92298	.1607875	.1315021	.3127340	277.1794

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.80416	14.93831	.1314138	-.023997	1.911654	.3627871	1.409391
Stddev	.04371	.09156	.0011473	.000272	.206310	.0032772	.017484
%RSD	.3166209	.6128944	.8730218	1.131532	10.79221	.9033397	1.240566

#1	13.84796	15.04285	.1302200	-.023785	2.027105	.3665707	1.421975
#2	13.76055	14.89966	.1325080	-.024303	1.673466	.3608400	1.389427
#3	13.80398	14.87242	.1315135	-.023903	2.034393	.3609505	1.416773

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.885633	1.041095	.2645136	.0240524	.3289481	52.35546	.0200560
Stddev	.091638	.001479	.0067442	.0009000	.0015329	.60026	.0005727
%RSD	1.330855	.1420795	2.549649	3.741983	.4659848	1.146514	2.855614

#1	6.986463	1.042786	.2655637	.0236208	.3299547	52.83404	.0205822
#2	6.863013	1.040042	.2573059	.0234493	.3297057	52.55038	.0194460
#3	6.807424	1.040457	.2706711	.0250869	.3271840	51.68196	.0201398

Sample Name: M3841-09 Acquired: 01/05/2022 16:43:45 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWXL6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6299983	.1160755	-.132250
Stddev	.0043536	.0011123	.000218
%RSD	.6910579	.9582744	.1651129

#1	.6348712	.1159986	-.132159
#2	.6264915	.1150037	-.132093
#3	.6286323	.1172243	-.132500

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1369.340	44267.83	7462.276	1212.683	1868.177
Stddev	1.824	264.19	34.390	11.977	.888
%RSD	.1331843	.5967908	.4608513	.9876177	.0475110

#1	1367.532	44560.02	7428.080	1213.876	1867.624
#2	1369.308	44197.66	7461.891	1224.019	1867.706
#3	1371.179	44045.81	7496.857	1200.154	1869.201

Sample Name: M3841-10 Acquired: 01/05/2022 16:47:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1245742	-.001981	5.857308	.0396467	.0083485	104.8022	1.745936
Stddev	.0102261	.006442	.031531	.0054618	.0025790	.9880	.007959
%RSD	8.208843	325.1985	.5383146	13.77629	30.89161	.9427439	.4558418

#1	.1182972	.001248	5.830360	.0415299	.0086011	105.6687	1.753085
#2	.1363743	.002208	5.891985	.0439178	.0056526	105.0115	1.747362
#3	.1190512	-.009399	5.849580	.0334924	.0107920	103.7262	1.737361

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178565	.0113941	108.1324	.1853077	.1269964	.4345490	371.8693
Stddev	.0001771	.0002335	.6684	.0011408	.0006960	.0056963	3.5198
%RSD	.9918796	2.049666	.6181573	.6156016	.5480705	1.310846	.9465110

#1	.0180232	.0111266	108.7688	.1852800	.1271632	.4399318	375.3179
#2	.0178758	.0115573	108.1924	.1864621	.1275938	.4351310	372.0076
#3	.0176705	.0114985	107.4360	.1841811	.1262321	.4285840	368.2824

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.112997	24.57318	.3344000	-.031066	2.730043	.3640787	3.004766
Stddev	.047376	.19347	.0021588	.000796	.145416	.0035530	.036349
%RSD	.7750065	.7873414	.6455872	2.562473	5.326511	.9758843	1.209715

#1	6.160561	24.76595	.3334933	-.030560	2.620547	.3672916	3.031168
#2	6.112619	24.57458	.3368644	-.031984	2.674546	.3646816	3.019823
#3	6.065811	24.37901	.3328425	-.030655	2.895035	.3602628	2.963308

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.723567	1.124474	.4726802	.0434007	.5428144	45.28559	.0606772
Stddev	.150501	.004043	.0056056	.0003088	.0049511	.23775	.0026143
%RSD	1.547797	.3595557	1.185910	.7114884	.9121255	.5249956	4.308582

#1	9.876645	1.121001	.4774483	.0437340	.5382049	45.35094	.0604637
#2	9.718275	1.128912	.4740870	.0431243	.5480480	45.48383	.0581762
#3	9.575782	1.123507	.4665052	.0433437	.5421904	45.02200	.0633918

Sample Name: M3841-10 Acquired: 01/05/2022 16:47:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.194025	.1168382	-.073242
Stddev	.012440	.0006755	.000519
%RSD	1.041888	.5781772	.7084847

#1	1.206405	.1172586	-.072870
#2	1.194147	.1160589	-.073022
#3	1.181525	.1171969	-.073835

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1449.338	47445.73	8115.593	1284.601	1780.408
Stddev	8.241	367.71	51.043	6.472	10.557
%RSD	.5686194	.7750073	.6289555	.5037780	.5929618

#1	1455.132	47125.50	8067.794	1281.294	1787.254
#2	1439.903	47364.39	8109.628	1280.451	1768.250
#3	1452.978	47847.29	8169.356	1292.058	1785.721

Sample Name: M3841-11 Acquired: 01/05/2022 16:51:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1022065	-.006668	2.983553	.0274122	.0033456	92.38670	1.259332
Stddev	.0090886	.006095	.005877	.0030555	.0023794	.30739	.008886
%RSD	8.892429	91.40892	.1969933	11.14644	71.12036	.3327215	.7056044

#1	.1027227	-.011068	2.980398	.0289666	.0009383	92.55116	1.265464
#2	.1110261	.000289	2.979925	.0238920	.0056961	92.57687	1.263391
#3	.0928708	-.009225	2.990334	.0293779	.0034025	92.03207	1.249142

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104678	.0048757	16.11480	.1559672	.1070040	.3294414	254.4618
Stddev	.0000756	.0000464	.07757	.0005573	.0003095	.0033218	.6656
%RSD	.7226094	.9507903	.4813662	.3573066	.2891905	1.008299	.2615824

#1	.0104746	.0049090	16.15556	.1555470	.1067512	.3279068	254.7291
#2	.0103890	.0048953	16.16350	.1557553	.1069117	.3332530	254.9522
#3	.0105398	.0048227	16.02535	.1565994	.1073491	.3271643	253.7041

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.552033	14.88144	.1787461	-.021853	1.463090	.2739651	1.821311
Stddev	.019828	.00461	.0005213	.000327	.231728	.0032857	.007547
%RSD	.4355855	.0309658	.2916657	1.497039	15.83825	1.199324	.4143687

#1	4.552978	14.87982	.1788400	-.021476	1.660160	.2761524	1.812811
#2	4.571372	14.88664	.1781842	-.022018	1.521304	.2755562	1.823896
#3	4.531750	14.87786	.1792141	-.022065	1.207805	.2701867	1.827226

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.238492	1.162575	.2232630	.0183732	.3025238	48.98902	.0273414
Stddev	.096802	.002930	.0013285	.0005751	.0008697	.22550	.0035435
%RSD	1.047810	.2520258	.5950312	3.130104	.2874968	.4603103	12.96017

#1	9.149719	1.165592	.2241263	.0177517	.3033593	49.04933	.0236800
#2	9.341701	1.162393	.2217332	.0184814	.3025888	49.17823	.0275905
#3	9.224056	1.159741	.2239294	.0188866	.3016235	48.73949	.0307538

Sample Name: M3841-11 Acquired: 01/05/2022 16:51:45 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9665552	.0989312	-.165376
Stddev	.0059678	.0017946	.000534
%RSD	.6174324	1.814001	.3226803

#1	.9690527	.0974880	-.165810
#2	.9708684	.1009406	-.165539
#3	.9597443	.0983650	-.164780

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1383.154	44247.64	7534.979	1210.888	1870.997
Stddev	1.701	291.19	44.127	11.318	1.202
%RSD	.1229630	.6581018	.5856225	.9347263	.0642478

#1	1384.534	44496.66	7555.300	1221.123	1871.624
#2	1383.675	44318.79	7484.353	1198.732	1871.755
#3	1381.254	43927.46	7565.284	1212.809	1869.611

Sample Name: M3841-12 Acquired: 01/05/2022 16:55:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1250236	-.003054	3.569551	.0377583	.0057681	101.4278	1.201493
Stddev	.0140353	.007787	.022009	.0053123	.0019855	.3744	.003037
%RSD	11.22611	255.0015	.6165709	14.06931	34.42193	.3691154	.2527937

#1	.1360960	-.001731	3.593504	.0350611	.0076390	101.1777	1.204904
#2	.1297365	.003987	3.564927	.0343356	.0036850	101.8583	1.200494
#3	.1092385	-.011417	3.550221	.0438781	.0059804	101.2475	1.199082

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130814	.0053202	19.85861	.1658605	.1137925	.2941760	280.7361
Stddev	.0001865	.0000988	.01846	.0006673	.0007456	.0025146	.7863
%RSD	1.425704	1.856454	.0929688	.4023015	.6551983	.8547943	.2800930

#1	.0130476	.0053884	19.87352	.1665808	.1146314	.2915906	280.3683
#2	.0132824	.0052069	19.83796	.1652636	.1132057	.2966133	281.6389
#3	.0129140	.0053652	19.86436	.1657370	.1135402	.2943240	280.2010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.226171	15.14235	.1983262	-.024385	1.468839	.3291811	1.583247
Stddev	.015166	.07853	.0023877	.000893	.103694	.0036129	.014296
%RSD	.2901837	.5186080	1.203906	3.661946	7.059557	1.097531	.9029658

#1	5.220797	15.17635	.2010628	-.025363	1.355395	.3276223	1.570185
#2	5.243292	15.19815	.1966674	-.023613	1.492391	.3333117	1.598520
#3	5.214425	15.05255	.1972486	-.024181	1.558730	.3266093	1.581037

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.19632	1.711889	.2543369	.0217525	.3044799	47.24465	.0439942
Stddev	.13860	.008742	.0020949	.0003830	.0030671	.17112	.0013580
%RSD	1.359337	.5106553	.8236805	1.760699	1.007342	.3621937	3.086755

#1	10.07451	1.720544	.2556919	.0213376	.3079952	47.10807	.0437662
#2	10.34713	1.703062	.2553949	.0220926	.3030963	47.43659	.0427647
#3	10.16731	1.712060	.2519240	.0218272	.3023484	47.18928	.0454518

Sample Name: M3841-12 Acquired: 01/05/2022 16:55:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXL9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.116793	.1067360	-.178869
Stddev	.006165	.0008097	.000332
%RSD	.5520417	.7585723	.1853534

#1	1.113040	.1062213	-.179096
#2	1.123908	.1063175	-.179024
#3	1.113431	.1076693	-.178489

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1423.831	45832.75	7806.282	1249.089	1866.102
Stddev	9.166	287.65	29.010	3.826	11.356
%RSD	.6437690	.6276043	.3716227	.3063298	.6085155

#1	1413.539	45672.61	7839.759	1253.295	1853.076
#2	1431.117	46164.83	7790.568	1245.815	1873.916
#3	1426.836	45660.82	7788.519	1248.157	1871.314

Sample Name: M3841-13 Acquired: 01/05/2022 16:59:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0943926	.0007798	1.483500	.0395034	.0040065	94.59749	.8985879
Stddev	.0088806	.0057310	.008296	.0043542	.0032261	2.32532	.0218363
%RSD	9.408194	734.9700	.5591864	11.02244	80.52161	2.458121	2.430071

#1	.1044128	.0063974	1.474805	.0372318	.0076675	96.18391	.9174802
#2	.0912700	-.005058	1.484367	.0445236	.0015799	91.92823	.8746803
#3	.0874950	.001000	1.491328	.0367546	.0027721	95.68034	.9036033

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118096	-.001843	18.47280	.1293432	.1214646	.2186534	352.8119
Stddev	.0001679	.000277	.40788	.0009843	.0005013	.0069937	8.8352
%RSD	1.421372	15.02050	2.208028	.7610191	.4126793	3.198516	2.504222

#1	.0118825	-.002135	18.78415	.1303676	.1208880	.2232726	358.8185
#2	.0116176	-.001584	18.01108	.1292575	.1217088	.2106072	342.6671
#3	.0119286	-.001810	18.62318	.1284046	.1217970	.2220803	356.9500

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.380407	14.37353	.2559075	-.030691	1.871564	.2925045	1.108055
Stddev	.104011	.32335	.0019129	.000743	.190456	.0045534	.021833
%RSD	2.374465	2.249627	.7474992	2.422327	10.17629	1.556677	1.970389

#1	4.454343	14.65910	.2538347	-.030246	1.663149	.2965970	1.115672
#2	4.261473	14.02243	.2562829	-.031549	1.914978	.2875996	1.083434
#3	4.425404	14.43907	.2576049	-.030277	2.036564	.2933169	1.125059

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.788221	1.382013	.2974419	.0192996	.2863712	49.92895	.0313740
Stddev	.218490	.014736	.0168341	.0005411	.0014224	.67877	.0023631
%RSD	2.486172	1.066285	5.659619	2.803733	.4966798	1.359471	7.532171

#1	8.937849	1.364999	.3111415	.0191364	.2847327	50.42913	.0299596
#2	8.537490	1.390333	.2786494	.0199036	.2872886	49.15628	.0300603
#3	8.889323	1.390708	.3025346	.0188589	.2870922	50.20143	.0341021

Sample Name: M3841-13 Acquired: 01/05/2022 16:59:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXM0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7911070	.1006765	-.248698
Stddev	.0211108	.0013634	.006322
%RSD	2.668519	1.354230	2.541895

#1	.8049294	.1016775	-.253371
#2	.7668069	.0991237	-.241505
#3	.8015847	.1012282	-.251217

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1384.494	44385.79	7524.815	1212.258	1886.127
Stddev	8.126	217.03	112.758	3.961	12.709
%RSD	.5869356	.4889553	1.498485	.3267286	.6738272

#1	1392.773	44136.93	7447.395	1207.684	1899.337
#2	1384.178	44484.68	7654.184	1214.507	1885.059
#3	1376.531	44535.77	7472.867	1214.582	1873.986

Sample Name: M3841-14 Acquired: 01/05/2022 17:03:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXM1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0818162	.0025732	4.858149	.0235234	.0089776	80.16640	1.294177
Stddev	.0081221	.0020062	.013331	.0079969	.0017124	.08920	.006058
%RSD	9.927211	77.96697	.2743976	33.99558	19.07416	.1112652	.4680717

#1	.0904969	.0003190	4.844905	.0146120	.0083536	80.25047	1.300084
#2	.0805503	.0032378	4.857976	.0300745	.0109144	80.17591	1.294467
#3	.0744015	.0041627	4.871564	.0258836	.0076646	80.07284	1.287979

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082779	.0040623	17.53536	.1518419	.1476694	.1970627	172.0073
Stddev	.0003153	.0001973	.03469	.0013427	.0004643	.0014151	.2993
%RSD	3.809402	4.855586	.1978111	.8843041	.3144186	.7181043	.1739922

#1	.0084816	.0042428	17.56090	.1503452	.1482031	.1962948	171.7529
#2	.0079147	.0040923	17.49587	.1522399	.1474468	.1986958	171.9320
#3	.0084376	.0038518	17.54931	.1529407	.1473583	.1961976	172.3371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.930774	12.98797	.1497576	-.015023	1.194709	.2197385	1.848182
Stddev	.008501	.01222	.0006097	.000440	.107039	.0044350	.039133
%RSD	.0951894	.0941154	.4071270	2.925870	8.959415	2.018327	2.117366

#1	8.926455	12.97700	.1500506	-.014518	1.285241	.2178729	1.808661
#2	8.925300	12.98578	.1490567	-.015236	1.076571	.2248016	1.886914
#3	8.940568	13.00115	.1501656	-.015316	1.222315	.2165410	1.848972

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.490323	.5658935	.1382432	.0091888	.1866973	47.61753	.0277966
Stddev	.033225	.0022436	.0016172	.0004356	.0019803	.61343	.0013118
%RSD	.7399316	.3964739	1.169850	4.740394	1.060695	1.288249	4.719223

#1	4.451984	.5634708	.1375210	.0096169	.1867238	48.10267	.0284608
#2	4.510727	.5663099	.1400956	.0092033	.1847039	46.92800	.0262855
#3	4.508259	.5678997	.1371128	.0087461	.1886642	47.82193	.0286434

Sample Name: M3841-14 Acquired: 01/05/2022 17:03:46 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWXM1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6849617	.0791613	-.096987
Stddev	.0022908	.0011026	.000243
%RSD	.3344422	1.392848	.2505497

#1	.6872643	.0800533	-.097063
#2	.6826829	.0779286	-.096715
#3	.6849379	.0795022	-.097184

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1386.074	44106.39	7478.558	1210.373	1912.681
Stddev	2.719	609.39	11.513	17.829	3.328
%RSD	.1961956	1.381633	.1539508	1.473052	.1739997

#1	1389.168	44639.43	7489.348	1223.213	1916.463
#2	1384.064	43442.06	7479.887	1190.016	1911.383
#3	1384.990	44237.69	7466.437	1217.891	1910.198

Sample Name: M3841-15 Acquired: 01/05/2022 17:07:46 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXM2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0721053	-.000584	.8265444	.0242425	.0027046	89.22144	1.060574
Stddev	.0128595	.001165	.0065335	.0013180	.0010271	.30317	.003549
%RSD	17.83428	199.5818	.7904545	5.436726	37.97580	.3397948	.3346277

#1	.0606662	.000504	.8319069	.0229665	.0015249	88.94361	1.064467
#2	.0696257	-.000441	.8192677	.0255988	.0033998	89.17593	1.057519
#3	.0860240	-.001814	.8284588	.0241622	.0031891	89.54480	1.059736

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089087	-.000071	9.441373	.1424346	.1653241	.0958402	164.4877
Stddev	.0000397	.000050	.024813	.0013488	.0008496	.0032326	.5194
%RSD	.4452849	70.51455	.2628115	.9469478	.5139050	3.372909	.3157457

#1	.0089515	-.000036	9.444849	.1416232	.1663049	.0980558	163.9944
#2	.0089014	-.000128	9.464265	.1416890	.1648153	.0973339	164.4390
#3	.0088732	-.000048	9.415006	.1439915	.1648520	.0921309	165.0297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.814068	12.79458	.1539070	-.015491	1.097802	.2098337	.7825889
Stddev	.015835	.07279	.0028400	.000792	.224974	.0011467	.0094361
%RSD	.1613457	.5689243	1.845256	5.112775	20.49310	.5464756	1.205753

#1	9.796809	12.71117	.1568549	-.015593	.999331	.2110823	.7897456
#2	9.827926	12.82729	.1511889	-.014653	.938853	.2088277	.7718953
#3	9.817470	12.84527	.1536774	-.016227	1.355222	.2095911	.7861257

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.663406	.5309354	.1264881	.0067981	.0791804	46.19575	.0092701
Stddev	.056498	.0029199	.0034168	.0004003	.0026662	.33808	.0012474
%RSD	1.211524	.5499479	2.701285	5.888405	3.367289	.7318345	13.45646

#1	4.598240	.5342858	.1273181	.0063439	.0822080	45.81861	.0095152
#2	4.698650	.5295874	.1227328	.0069510	.0771829	46.29704	.0079183
#3	4.693329	.5289331	.1294135	.0070994	.0781503	46.47161	.0103767

Sample Name: M3841-15 Acquired: 01/05/2022 17:07:46 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWXM2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7072184	.0881374	-.106597
Stddev	.0027895	.0024089	.000324
%RSD	.3944382	2.733074	.3037077

#1	.7041426	.0853576	-.106495
#2	.7079276	.0894435	-.106337
#3	.7095848	.0896111	-.106960

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1398.424	44336.17	7523.552	1219.690	1895.926
Stddev	9.398	124.65	47.724	4.032	14.926
%RSD	.6720626	.2811431	.6343296	.3305414	.7872496

#1	1387.755	44257.14	7558.913	1215.074	1879.461
#2	1405.479	44479.86	7469.268	1222.519	1908.568
#3	1402.038	44271.50	7542.475	1221.478	1899.751

Sample Name: CCV002 Acquired: 01/05/2022 17:11:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.923050	4.822290	24.02005	4.793421	4.694969	385.0626
Stddev	.033492	.029890	.10249	.024897	.003974	7.7014
%RSD	.6803165	.6198292	.4266991	.5194031	.0846358	2.000045

#1	4.954547	4.850669	24.13840	4.816788	4.696332	391.3345
#2	4.887867	4.791089	23.96173	4.767234	4.690493	387.3864
#3	4.926737	4.825113	23.96003	4.796240	4.698081	376.4668

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.725605	.4933256	2.421319	388.6531	15.01839	2.453801
Stddev	.216039	.0066494	.010788	7.3756	.13162	.009623
%RSD	2.221344	1.347874	.4455420	1.897743	.8763634	.3921772

#1	9.876624	.4982877	2.433762	393.8015	15.14221	2.464904
#2	9.822048	.4959188	2.414586	391.9543	14.88017	2.447866
#3	9.478142	.4857703	2.415609	380.2035	15.03279	2.448634

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.47229	384.2104	14.49656	384.1189	2.389805	1.231101
Stddev	.22195	6.7901	.25195	7.4262	.011573	.006700
%RSD	1.533644	1.767276	1.737992	1.933297	.4842848	.5442576

#1	14.66192	389.4777	14.68847	390.0247	2.403107	1.238760
#2	14.52679	386.6062	14.58995	386.5502	2.384269	1.226323
#3	14.22817	376.5471	14.21125	375.7819	2.382040	1.228221

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	387.0661	2.384007	14.60372	145.9410	F 5.752961	5.042395
Stddev	7.3385	.048670	.21359	1.9914	.021689	.055047
%RSD	1.895933	2.041532	1.462566	1.364520	.3770013	1.091690

#1	392.5993	2.423495	14.81674	147.5679	5.777648	5.080798
#2	389.8576	2.398894	14.60486	146.5348	5.744267	5.067059
#3	378.7415	2.329632	14.38956	143.7202	5.736968	4.979329

Sample Name: CCV002 Acquired: 01/05/2022 17:11:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.747273	5.127590	4.884412	4.845063	4.818022	4.877924
Stddev	.017088	.023067	.048573	.023830	.093186	.097137
%RSD	.3599544	.4498625	.9944528	.4918482	1.934115	1.991351
#1	4.764948	5.154209	4.917703	4.872336	4.896807	4.935873
#2	4.730840	5.113458	4.906858	4.828263	4.842100	4.932118
#3	4.746030	5.115103	4.828675	4.834590	4.715160	4.765781

Elem	Sr4077
Units	ppm
Avg	4.580467
Stddev	.070648
%RSD	1.542375
#1	4.639100
#2	4.600270
#3	4.502030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1046.792	36546.49	6454.612	947.2119	1470.623
Stddev	4.667	209.82	91.944	12.6706	6.355
%RSD	.4458418	.5741243	1.424471	1.337673	.4321028
#1	1041.976	36304.21	6405.353	937.3752	1463.435
#2	1051.295	36668.25	6397.793	942.7509	1475.493
#3	1047.104	36667.01	6560.690	961.5097	1472.941

Sample Name: CCB002 Acquired: 01/05/2022 17:15:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003202	.0028622	.0013011	.0002921	-.002846	.0026290	.0009628
Stddev	.010546	.0039754	.0019518	.0034117	.004807	.0076630	.0002537
%RSD	329.3303	138.8929	150.0178	1167.824	168.9170	291.4817	26.35416

#1	-.009103	-.000988	-.000649	-.000179	-.007912	.0003052	.0011940
#2	.008973	.006952	.001298	-.002859	-.002279	-.003603	.0006913
#3	-.009478	.002623	.003254	.003915	.001653	.011185	.0010031

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000874	-.000008	-.000708	.0001368	-.000087	-.000134	.0169498
Stddev	.0000124	.000057	.010123	.0005174	.000295	.003453	.0043553
%RSD	14.14885	689.4193	1430.318	378.3527	338.7614	2570.189	25.69556

#1	.0000917	.000028	-.003420	.0007341	-.000347	-.001555	.0217989
#2	.0000971	-.000074	.010495	-.000150	.000234	-.002650	.0133705
#3	.0000735	.000021	-.009198	-.000174	-.000149	.003802	.0156799

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002113	.0042609	.0004627	-.000651	.1255500	-.000229	.0018843
Stddev	.0001903	.0432793	.0005571	.000496	.2696294	.004443	.0062898
%RSD	90.08193	1015.725	120.3966	76.12685	214.7587	1936.272	333.8079

#1	.0003823	-.019903	-.000092	-.000921	.1717551	-.005314	.0063899
#2	.0002452	-.021541	.000459	-.000955	.3690911	.002907	.0045645
#3	.0000063	.054227	.001022	-.000079	-.164196	.001718	-.005302

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.137528	.0000615	-.000241	.0006940	-.000092	.0015874	.0010367
Stddev	.071361	.0004771	.000899	.0003686	.000074	.0017287	.0008950
%RSD	51.88800	775.2160	372.4654	53.10907	80.40688	108.9021	86.33464

#1	-.088772	-.000176	-.000533	.0006256	-.000008	.0032127	.0017795
#2	-.104378	-.000250	-.000958	.0010920	-.000149	.0017786	.0012877
#3	-.219434	.000611	.000767	.0003644	-.000119	-.000229	.0000430

Sample Name: CCB002 Acquired: 01/05/2022 17:15:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000432	.0004554	.0000558
Stddev	.000206	.0019938	.0001061
%RSD	47.68932	437.8194	190.1725

#1	-.000666	-.001711	.0001604
#2	-.000349	.000865	.0000589
#3	-.000280	.002213	-.000052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1260.748	39922.90	6714.125	1101.195	1959.670
Stddev	3.515	88.17	96.433	6.629	4.545
%RSD	.2787919	.2208578	1.436265	.6019795	.2319380

#1	1263.804	39949.92	6646.350	1094.243	1964.867
#2	1261.533	39824.38	6824.525	1101.896	1957.709
#3	1256.907	39994.40	6671.500	1107.445	1956.435

Sample Name: M3841-16 Acquired: 01/05/2022 17:20:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXM3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0739162	-.002071	.3938093	.0354004	.0018796	105.9376	.8735883
Stddev	.0124730	.006565	.0034158	.0028693	.0017388	2.3908	.0212923
%RSD	16.87445	316.9792	.8673783	8.105333	92.51054	2.256776	2.437333

#1	.0873791	-.009504	.3900477	.0386282	.0022038	104.5484	.8598234
#2	.0716160	.000359	.3967175	.0344338	.0034334	108.6982	.8981132
#3	.0627534	.002932	.3946628	.0331392	.0000015	104.5661	.8628283

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099726	-.002641	6.064133	.1554826	.1811795	.0878989	192.7020
Stddev	.0002062	.000230	.168765	.0001626	.0001457	.0065108	4.7283
%RSD	2.068064	8.694239	2.782999	.1045506	.0804230	7.407126	2.453707

#1	.0098462	-.002627	5.990866	.1554081	.1810519	.0914295	189.8396
#2	.0102106	-.002877	6.257149	.1556691	.1811483	.0918818	198.1596
#3	.0098610	-.002419	5.944383	.1553706	.1813383	.0803854	190.1068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.290650	15.16390	.1748104	-.017114	1.091789	.2374675	.5789525
Stddev	.234139	.37776	.0009596	.000642	.156112	.0053395	.0110129
%RSD	2.520161	2.491164	.5489513	3.753990	14.29869	2.248535	1.902205

#1	9.146436	14.86873	.1741737	-.017614	1.042836	.2313355	.5894518
#2	9.560805	15.58961	.1743432	-.016389	1.266510	.2410899	.5799163
#3	9.164709	15.03335	.1759141	-.017337	.966020	.2399771	.5674894

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.553621	.5591016	.1506328	.0066168	.0615002	49.71615	.0049157
Stddev	.171322	.0007104	.0067613	.0005238	.0007294	1.10369	.0015047
%RSD	3.084875	.1270622	4.488581	7.916755	1.185929	2.219991	30.60955

#1	5.437704	.5585215	.1473329	.0072217	.0615215	49.11829	.0037215
#2	5.750409	.5598939	.1584104	.0063152	.0607604	50.98979	.0066057
#3	5.472749	.5588894	.1461550	.0063135	.0622187	49.04037	.0044199

Sample Name: M3841-16 Acquired: 01/05/2022 17:20:06 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWXM3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6597885	.1085609	-.144185
Stddev	.0149435	.0030110	.003573
%RSD	2.264895	2.773570	2.477824

#1	.6525320	.1065462	-.142123
#2	.6769746	.1120222	-.148311
#3	.6498589	.1071143	-.142122

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1403.373	44599.09	7424.885	1225.524	1905.779
Stddev	3.945	231.30	139.685	9.127	5.060
%RSD	.2811128	.5186190	1.881302	.7447709	.2654826

#1	1407.816	44354.42	7483.978	1215.069	1911.339
#2	1402.023	44628.69	7265.366	1231.904	1904.555
#3	1400.280	44814.17	7525.310	1229.598	1901.445

Sample Name: M3841-17 Acquired: 01/05/2022 17:24:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXM4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1347167	.0022362	3.129435	.0337309	.0066777	112.4135	1.274572
Stddev	.0149139	.0017239	.005047	.0083337	.0021856	.8661	.010095
%RSD	11.07054	77.09204	.1612640	24.70650	32.72977	.7704566	.7920183

#1	.1445316	.0009454	3.134859	.0396037	.0045854	113.3851	1.286224
#2	.1420639	.0015692	3.128569	.0241927	.0089460	112.1332	1.268451
#3	.1175547	.0041939	3.124878	.0373963	.0065018	111.7223	1.269042

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131192	.0004720	11.83066	.1920210	.1236276	.4751854	310.5572
Stddev	.0001820	.0002488	.06550	.0010266	.0003505	.0044654	1.6191
%RSD	1.386911	52.71917	.5536385	.5346170	.2835442	.9397171	.5213493

#1	.0133210	.0003099	11.90593	.1908621	.1237594	.4790777	312.3177
#2	.0129676	.0003476	11.79944	.1928162	.1238932	.4761679	310.2218
#3	.0130690	.0007585	11.78661	.1923847	.1232303	.4703105	309.1320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.169903	16.47688	.2130019	-.025559	1.769627	.3520368	1.555297
Stddev	.019032	.04531	.0007996	.000607	.085214	.0039559	.008675
%RSD	.3681302	.2749961	.3753963	2.374088	4.815375	1.123717	.5577544

#1	5.189888	16.52799	.2134092	-.026233	1.697651	.3557109	1.563894
#2	5.167827	16.44166	.2135160	-.025056	1.863719	.3478492	1.546547
#3	5.151994	16.46098	.2120807	-.025387	1.747512	.3525503	1.555450

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.935010	1.905463	.2748030	.0245162	.4778211	48.24205	.1623373
Stddev	.163478	.008375	.0061731	.0005226	.0036110	.49798	.0011609
%RSD	2.060206	.4395165	2.246364	2.131791	.7557171	1.032254	.7151275

#1	8.087633	1.896893	.2807123	.0246265	.4737434	48.55720	.1634053
#2	7.954901	1.913628	.2683962	.0249748	.4806139	48.50100	.1625049
#3	7.762498	1.905867	.2753005	.0239472	.4791061	47.66794	.1611017

Sample Name: M3841-17 Acquired: 01/05/2022 17:24:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXM4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.067715	.1100350	-.240601
Stddev	.010838	.0007502	.000903
%RSD	1.015096	.6817864	.3753892

#1	1.078238	.1092037	-.241607
#2	1.068321	.1102396	-.240338
#3	1.056587	.1106617	-.239859

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1406.627	44818.74	7629.717	1229.606	1880.878
Stddev	1.747	254.84	71.986	10.068	1.280
%RSD	.1241721	.5685943	.9434967	.8187764	.0680759

#1	1404.891	44574.12	7561.364	1219.043	1879.560
#2	1406.606	45082.69	7622.933	1239.093	1880.958
#3	1408.384	44799.40	7704.856	1230.681	1882.117

Sample Name: M3841-18 Acquired: 01/05/2022 17:28:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXM5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0824275	-.001688	2.326194	.0349784	.0029860	90.23749	1.154121
Stddev	.0064026	.002816	.008963	.0009567	.0022209	.38829	.002164
%RSD	7.767563	166.8617	.3852966	2.735076	74.37649	.4303003	.1875383

#1	.0849932	.001309	2.332199	.0346483	.0008799	90.12225	1.155059
#2	.0871494	-.004279	2.330491	.0360564	.0053062	89.91987	1.151645
#3	.0751400	-.002093	2.315892	.0342305	.0027718	90.67036	1.155657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107380	.0019862	8.300092	.1684728	.1131645	.2600730	210.5810
Stddev	.0000502	.0001281	.018058	.0039404	.0001966	.0011095	.9264
%RSD	.4677117	6.449908	.2175641	2.338926	.1737442	.4266278	.4399402

#1	.0107715	.0020774	8.297276	.1727821	.1131951	.2590901	210.5731
#2	.0107624	.0020416	8.319393	.1650535	.1129544	.2598527	209.6586
#3	.0106803	.0018398	8.283608	.1675827	.1133440	.2612761	211.5114

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.091732	12.45791	.1587148	-.016047	1.674819	.2820379	1.893636
Stddev	.013970	.05817	.0010943	.000512	.228360	.0023031	.011978
%RSD	.2293204	.4669283	.6894672	3.190044	13.63490	.8166017	.6325256

#1	6.099481	12.45523	.1579547	-.016355	1.922536	.2816072	1.896915
#2	6.075605	12.40113	.1599690	-.016329	1.629228	.2845260	1.880361
#3	6.100110	12.51738	.1582207	-.015456	1.472695	.2799806	1.903633

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.160729	1.087652	.1899193	.0200176	.2780016	48.34360	.0463028
Stddev	.046612	.002049	.0036871	.0000913	.0015997	.39850	.0003055
%RSD	.7566032	.1883774	1.941427	.4561212	.5754220	.8243149	.6596836

#1	6.106912	1.087862	.1858017	.0200230	.2773662	48.77134	.0465224
#2	6.188322	1.085506	.1929157	.0201060	.2798214	48.27663	.0464320
#3	6.186954	1.089588	.1910405	.0199237	.2768173	47.98282	.0459539

Sample Name: M3841-18 Acquired: 01/05/2022 17:28:06 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXM5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8592153	.0968226	-.155095
Stddev	.0028715	.0012710	.000872
%RSD	.3341966	1.312655	.5624422

#1	.8567117	.0975149	-.155241
#2	.8585844	.0975972	-.154159
#3	.8623498	.0953559	-.155885

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1381.021	43482.30	7326.127	1190.734	1894.882
Stddev	5.963	570.02	22.398	6.267	6.119
%RSD	.4317935	1.310927	.3057270	.5263132	.3229272

#1	1374.721	42850.24	7310.095	1184.217	1888.732
#2	1381.765	43639.28	7316.567	1191.269	1894.945
#3	1386.578	43957.38	7351.718	1196.717	1900.970

Sample Name: M3841-19 Acquired: 01/05/2022 17:32:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXM6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0793714	-.000718	.4078100	.0238566	.0010245	96.12962	.6918923
Stddev	.0056505	.008149	.0029278	.0044161	.0048690	.12771	.0027427
%RSD	7.119022	1134.939	.7179398	18.51092	475.2489	.1328506	.3964053

#1	.0796784	.008336	.4080850	.0191959	.0042048	96.19760	.6912657
#2	.0848620	-.007465	.4105907	.0243954	.0034496	95.98230	.6948941
#3	.0735736	-.003024	.4047545	.0279786	-.004581	96.20896	.6895171

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085480	-.001507	5.840977	.1517906	.1281475	.1076794	187.1058
Stddev	.0002341	.000077	.014566	.0008740	.0011770	.0022028	.5635
%RSD	2.738154	5.130926	.2493829	.5757947	.9184911	2.045715	.3011630

#1	.0087829	-.001512	5.826764	.1526913	.1270319	.1058227	187.0928
#2	.0083148	-.001428	5.855873	.1509460	.1293775	.1101134	186.5490
#3	.0085462	-.001582	5.840296	.1517345	.1280331	.1071021	187.6757

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.650005	14.80106	.1459199	-.016116	1.359285	.2336858	.9547291
Stddev	.015003	.03261	.0010827	.000134	.247185	.0038572	.0068773
%RSD	.2655368	.2203145	.7419902	.8305686	18.18492	1.650591	.7203369

#1	5.656891	14.83511	.1453965	-.016270	1.637033	.2379603	.9475588
#2	5.632796	14.77012	.1471649	-.016050	1.163468	.2304647	.9612701
#3	5.660329	14.79796	.1451983	-.016027	1.277356	.2326325	.9553584

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.373107	.5709731	.1494891	.0105139	.0904020	50.25352	.0108583
Stddev	.093546	.0031591	.0023676	.0002860	.0015548	.12990	.0021484
%RSD	1.740995	.5532815	1.583807	2.720316	1.719912	.2584797	19.78571

#1	5.448943	.5673273	.1467588	.0103541	.0888639	50.31727	.0098294
#2	5.268575	.5726903	.1509753	.0108441	.0919731	50.10406	.0133277
#3	5.401804	.5729017	.1507333	.0103435	.0903691	50.33922	.0094179

Sample Name: M3841-19 Acquired: 01/05/2022 17:32:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXM6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6077012	.1106981	-.144925
Stddev	.0038984	.0021328	.000436
%RSD	.6414950	1.926694	.3006272

#1	.6037446	.1131606	-.144936
#2	.6078206	.1095005	-.144485
#3	.6115386	.1094333	-.145356

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1369.617	43677.26	7340.480	1197.822	1911.737
Stddev	7.642	112.52	25.395	5.053	10.248
%RSD	.5579802	.2576146	.3459521	.4218477	.5360471

#1	1374.458	43578.29	7311.465	1201.643	1920.535
#2	1360.807	43653.85	7351.318	1192.093	1900.485
#3	1373.586	43799.65	7358.658	1199.730	1914.192

Sample Name: M3841-20 Acquired: 01/05/2022 17:36:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXM7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1126030	.0016462	1.282533	.0281590	.0018973	96.34868	1.057592
Stddev	.0078236	.0053348	.004832	.0026659	.0034238	1.33085	.013682
%RSD	6.947919	324.0546	.3767782	9.467391	180.4548	1.381284	1.293652

#1	.1210375	-.004416	1.282887	.0251375	-.001862	97.42798	1.067558
#2	.1055835	.003728	1.287179	.0291598	.004837	96.75639	1.063224
#3	.1111881	.005626	1.277534	.0301797	.002717	94.86167	1.041993

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094347	-.000228	21.34169	.1756772	.1272088	.1722519	217.1233
Stddev	.0002012	.000162	.25762	.0006527	.0002398	.0019774	3.1224
%RSD	2.132659	70.90121	1.207120	.3715143	.1885326	1.147977	1.438067

#1	.0096616	-.000310	21.55959	.1764168	.1269353	.1703650	219.5576
#2	.0093645	-.000042	21.40811	.1751822	.1273083	.1720820	218.2093
#3	.0092779	-.000332	21.05736	.1754325	.1273829	.1743088	213.6029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.390170	17.77891	.1976040	-.019218	.9539440	.2434838	.9722670
Stddev	.089668	.32733	.0009816	.000197	.2680634	.0075356	.0070750
%RSD	1.403217	1.841094	.4967267	1.027412	28.10054	3.094913	.7276813

#1	6.464925	18.02571	.1984256	-.019387	.6543293	.2453210	.9643840
#2	6.414833	17.90341	.1978694	-.019001	1.036436	.2499309	.9743511
#3	6.290752	17.40760	.1965171	-.019267	1.171066	.2351995	.9780659

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.259522	.6597452	.1767652	.0121911	.2206052	50.32173	.0246919
Stddev	.138074	.0017690	.0062761	.0004333	.0015522	.77114	.0024707
%RSD	1.901978	.2681341	3.550504	3.554412	.7036218	1.532412	10.00629

#1	7.378995	.6608064	.1817967	.0126626	.2191775	51.08465	.0218396
#2	7.291213	.6577030	.1787664	.0118104	.2222574	50.33791	.0260665
#3	7.108357	.6607260	.1697326	.0121003	.2203806	49.54264	.0261697

Sample Name: M3841-20 Acquired: 01/05/2022 17:36:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXM7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7554732	.1086297	-.093551
Stddev	.0083470	.0012089	.001187
%RSD	1.104869	1.112888	1.269182

#1	.7629153	.1093277	-.094322
#2	.7570563	.1093276	-.094147
#3	.7464481	.1072337	-.092184

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1373.973	43998.94	7430.159	1206.120	1875.656
Stddev	1.246	250.96	87.867	8.127	3.135
%RSD	.0906585	.5703715	1.182573	.6738479	.1671441

#1	1374.872	43845.22	7338.484	1212.403	1873.762
#2	1372.551	44288.54	7438.348	1209.016	1873.932
#3	1374.496	43863.07	7513.645	1196.941	1879.275

Sample Name: M3841-21 Acquired: 01/05/2022 17:40:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXM8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0864454	-.001457	1.289377	.0328788	.0016662	95.75398	1.060656
Stddev	.0067823	.005927	.011213	.0055151	.0006755	.56840	.005424
%RSD	7.845739	406.8239	.8696800	16.77405	40.54120	.5936041	.5114264

#1	.0895535	.005261	1.299046	.0279653	.0021999	95.97558	1.065704
#2	.0786661	-.003684	1.292002	.0388441	.0018920	96.17820	1.061343
#3	.0911166	-.005948	1.277084	.0318270	.0009067	95.10815	1.054921

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095502	-.000047	23.24396	.1722445	.1217912	.1589199	209.1078
Stddev	.0001253	.000015	.06503	.0012704	.0012353	.0008098	1.2936
%RSD	1.312198	32.20923	.2797871	.7375646	1.014288	.5095973	.6186095

#1	.0094537	-.000033	23.24827	.1708447	.1226398	.1598525	209.0951
#2	.0096918	-.000063	23.30673	.1725647	.1223598	.1585140	210.4077
#3	.0095050	-.000045	23.17688	.1733243	.1203740	.1583933	207.8207

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.398064	17.35984	.1895137	-.018356	1.489834	.2368421	.9632942
Stddev	.034026	.04530	.0022571	.000170	.385209	.0028339	.0163517
%RSD	.5318187	.2609426	1.190984	.9251784	25.85582	1.196546	1.697477

#1	6.396594	17.41039	.1912409	-.018251	1.461465	.2389055	.9456675
#2	6.432801	17.34619	.1903404	-.018265	1.888442	.2380098	.9779687
#3	6.364796	17.32293	.1869598	-.018552	1.119593	.2336109	.9662464

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.059818	.6481997	.1744789	.0109626	.2071570	50.37386	.0182824
Stddev	.023653	.0032879	.0022977	.0007710	.0014206	.07933	.0015888
%RSD	.3350378	.5072387	1.316872	7.032902	.6857782	.1574739	8.690363

#1	7.032885	.6512412	.1754037	.0101009	.2071637	50.32455	.0200964
#2	7.077213	.6486468	.1718629	.0111999	.2085742	50.46536	.0171380
#3	7.069355	.6447111	.1761700	.0115871	.2057330	50.33166	.0176128

Sample Name: M3841-21 Acquired: 01/05/2022 17:40:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXM8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7878193	.1059373	-.082450
Stddev	.0054233	.0008396	.000428
%RSD	.6883937	.7925505	.5189520

#1	.7909527	.1053173	-.082758
#2	.7909481	.1068928	-.082631
#3	.7815570	.1056017	-.081961

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1383.728	44176.81	7407.394	1219.774	1882.443
Stddev	10.845	144.41	26.808	.402	14.945
%RSD	.7837228	.3268908	.3619113	.0329217	.7939253

#1	1375.128	44023.45	7399.900	1220.027	1872.634
#2	1380.146	44196.79	7385.130	1219.983	1875.052
#3	1395.911	44310.18	7437.151	1219.311	1899.644

Sample Name: M3841-22 Acquired: 01/05/2022 17:44:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0877698	-.001398	.6724699	.0342277	-.000176	92.04830	1.004397
Stddev	.0044587	.006397	.0037100	.0062725	.002599	1.24637	.014430
%RSD	5.079969	457.5882	.5517048	18.32582	1480.478	1.354041	1.436730

#1	.0899608	-.008698	.6745109	.0278724	-.001807	92.29211	1.009667
#2	.0907091	.001273	.6681875	.0404140	-.001542	90.69804	.988073
#3	.0826395	.003231	.6747113	.0343966	.002822	93.15475	1.015452

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087824	-.001694	12.45045	.1425889	.1581722	.1132307	182.9394
Stddev	.0001715	.000064	.16466	.0004469	.0005087	.0014125	2.9646
%RSD	1.952494	3.775773	1.322534	.3133976	.3216458	1.247410	1.620549

#1	.0087657	-.001766	12.53446	.1421763	.1582066	.1140672	184.1603
#2	.0086199	-.001645	12.26073	.1425270	.1576471	.1115999	179.5593
#3	.0089616	-.001671	12.55616	.1430636	.1586629	.1140250	185.0986

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.020627	14.64328	.1591832	-.017205	1.048606	.2242739	.6414819
Stddev	.135085	.21226	.0001558	.000433	.316880	.0042831	.0131061
%RSD	1.684219	1.449532	.0978887	2.515965	30.21918	1.909764	2.043098

#1	8.105444	14.73016	.1590072	-.017703	1.139942	.2268227	.6543474
#2	7.864850	14.40137	.1593036	-.016988	1.309787	.2193290	.6281477
#3	8.091588	14.79832	.1592389	-.016923	.696089	.2266700	.6419506

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.941552	.6145886	.1452441	.0085093	.1061349	49.75556	.0184901
Stddev	.102977	.0019150	.0077837	.0000536	.0014154	.40856	.0019024
%RSD	1.733174	.3115844	5.359028	.6298138	1.333568	.8211278	10.28886

#1	6.038090	.6136493	.1477725	.0085067	.1045064	49.83227	.0163413
#2	5.833161	.6133247	.1365106	.0085642	.1070693	49.31409	.0199596
#3	5.953406	.6167919	.1514493	.0084571	.1068288	50.12033	.0191695

Sample Name: M3841-22 Acquired: 01/05/2022 17:44:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXM9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6621888	.0976742	-.092196
Stddev	.0099720	.0019479	.001904
%RSD	1.505923	1.994300	2.065000

#1	.6669304	.0960766	-.093185
#2	.6507306	.0971019	-.090001
#3	.6689053	.0998442	-.093401

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1394.383	44418.11	7485.212	1225.275	1911.262
Stddev	.724	296.40	69.601	5.062	2.171
%RSD	.0519390	.6672885	.9298449	.4131407	.1135839

#1	1393.548	44104.13	7452.354	1223.213	1908.842
#2	1394.772	44693.06	7565.159	1231.043	1913.037
#3	1394.830	44457.14	7438.123	1221.571	1911.908

Sample Name: M3843-01 Acquired: 01/05/2022 17:48:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXZ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0975640	-.004513	.2234157	.0330424	.0000999	115.0464	.6959889
Stddev	.0020959	.004542	.0020419	.0028321	.0046106	1.1378	.0019395
%RSD	2.148244	100.6400	.9139549	8.571053	4617.115	.9889542	.2786722

#1	.0955733	-.006891	.2235603	.0334649	-.004152	113.7342	.6944249
#2	.0997513	.000724	.2253815	.0356395	.005000	115.7586	.6953826
#3	.0973674	-.007373	.2213054	.0300228	-.000548	115.6463	.6981591

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095760	-.003901	13.04884	.1496404	.1203455	.1185926	214.3268
Stddev	.0000207	.000027	.04562	.0003669	.0010344	.0022116	1.6391
%RSD	.2156559	.6879433	.3496192	.2451929	.8595440	1.864868	.7647484

#1	.0095994	-.003888	13.00092	.1498379	.1201286	.1160495	212.4721
#2	.0095606	-.003883	13.05385	.1498663	.1214711	.1196625	215.5804
#3	.0095679	-.003932	13.09175	.1492170	.1194367	.1200658	214.9281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.028440	18.15674	.1728373	-.019993	.8960732	.2450551	.4509599
Stddev	.026071	.08667	.0008095	.000617	.0907937	.0043058	.0170289
%RSD	.5184772	.4773515	.4683473	3.085390	10.13240	1.757076	3.776142

#1	4.999360	18.05911	.1726273	-.020038	.8421087	.2404039	.4355339
#2	5.049722	18.18653	.1737311	-.019355	1.000897	.2458591	.4481130
#3	5.036240	18.22459	.1721535	-.020586	.845214	.2489022	.4692328

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.316343	.3615574	.1660171	.0095759	.0427888	44.78124	.0060591
Stddev	.072883	.0008832	.0026650	.0002187	.0002971	.10616	.0019832
%RSD	1.153876	.2442680	1.605279	2.283932	.6943034	.2370554	32.73027

#1	6.233827	.3609422	.1634528	.0097685	.0424576	44.68024	.0066817
#2	6.343273	.3625693	.1658257	.0096210	.0428770	44.89189	.0076563
#3	6.371928	.3611605	.1687726	.0093381	.0430318	44.77157	.0038394

Sample Name: M3843-01 Acquired: 01/05/2022 17:48:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXZ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7177409	.1256532	-.134494
Stddev	.0087594	.0006246	.000473
%RSD	1.220408	.4970744	.3515512

#1	.7076309	.1255027	-.133999
#2	.7230529	.1263392	-.134544
#3	.7225391	.1251175	-.134941

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1364.048	43430.09	7321.421	1198.739	1864.970
Stddev	7.060	222.52	20.278	13.012	9.738
%RSD	.5175813	.5123658	.2769730	1.085476	.5221489

#1	1368.212	43672.69	7341.525	1211.282	1870.518
#2	1355.896	43235.47	7300.973	1199.631	1853.726
#3	1368.036	43382.11	7321.763	1185.304	1870.666

Sample Name: M3843-02 Acquired: 01/05/2022 17:52:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXZ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1086786	-.004235	.7826079	.0319849	.0045363	102.1207	.8511566
Stddev	.0093963	.002201	.0019271	.0033175	.0016083	.4309	.0016580
%RSD	8.646002	51.96218	.2462347	10.37221	35.45532	.4219867	.1947942

#1	.1167888	-.006666	.7838241	.0297083	.0050234	102.3342	.8522694
#2	.0983817	-.002380	.7803860	.0304550	.0058447	102.4032	.8519494
#3	.1108651	-.003658	.7836135	.0357913	.0027407	101.6247	.8492510

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088272	-.001757	56.40854	.1671885	.0911238	.2360687	232.8059
Stddev	.0001088	.000042	.10112	.0003735	.0006089	.0019875	.9134
%RSD	1.232259	2.408238	.1792680	.2233990	.6682192	.8418956	.3923425

#1	.0088989	-.001792	56.49133	.1676175	.0905392	.2373470	233.3096
#2	.0088807	-.001770	56.43845	.1670132	.0917544	.2337790	233.3565
#3	.0087020	-.001710	56.29584	.1669350	.0910777	.2370802	231.7515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.592912	19.12760	.1760899	-.020629	1.902853	.2514745	1.190583
Stddev	.010011	.07607	.0006140	.000359	.114028	.0066797	.007587
%RSD	.2786213	.3976967	.3486891	1.739861	5.992457	2.656225	.6372298

#1	3.587132	19.16075	.1757546	-.020224	2.030048	.2590982	1.182358
#2	3.604471	19.18146	.1757166	-.020754	1.809786	.2466487	1.192085
#3	3.587132	19.04058	.1767985	-.020908	1.868726	.2486765	1.197307

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.713253	1.776560	.2063234	.0167233	.3155124	47.99552	.0221302
Stddev	.100865	.005830	.0019343	.0000772	.0035100	.55710	.0025863
%RSD	1.157603	.3281519	.9374950	.4616857	1.112482	1.160734	11.68659

#1	8.729661	1.769862	.2058564	.0167805	.3116017	48.48119	.0212345
#2	8.804908	1.779327	.2084485	.0167538	.3165455	48.11799	.0201109
#3	8.605190	1.780491	.2046655	.0166355	.3183899	47.38737	.0250453

Sample Name: M3843-02 Acquired: 01/05/2022 17:52:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXZ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9293280	.1157901	-.111150
Stddev	.0038455	.0003827	.000442
%RSD	.4137958	.3304652	.3979665

#1	.9324674	.1162268	-.110721
#2	.9304779	.1156298	-.111605
#3	.9250388	.1155137	-.111123

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1363.973	43774.78	7390.825	1193.711	1845.633
Stddev	1.666	174.13	46.354	5.227	1.460
%RSD	.1221560	.3977955	.6271775	.4378413	.0791181

#1	1364.551	43919.56	7343.825	1193.180	1847.247
#2	1365.273	43823.24	7392.148	1199.183	1845.248
#3	1362.095	43581.56	7436.504	1188.770	1844.403

Sample Name: M3843-03 Acquired: 01/05/2022 17:56:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXZ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1087109	-.004772	.7527583	.0243342	.0032380	94.18506	.8201213
Stddev	.0116664	.005362	.0081159	.0033591	.0008470	.18646	.0018080
%RSD	10.73159	112.3651	1.078148	13.80413	26.15874	.1979768	.2204554

#1	.1201829	-.010952	.7450905	.0279045	.0039845	94.27249	.8222081
#2	.0968593	-.001355	.7612581	.0212362	.0023175	93.97095	.8191305
#3	.1090905	-.002009	.7519264	.0238620	.0034119	94.31175	.8190253

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083993	-.001835	30.75402	.1533943	.0873099	.2276773	223.8315
Stddev	.0001293	.000046	.02033	.0001293	.0014577	.0005299	.3331
%RSD	1.538962	2.480592	.0661072	.0842677	1.669548	.2327632	.1488095

#1	.0085484	-.001789	30.77524	.1533123	.0866808	.2282760	224.1209
#2	.0083296	-.001880	30.75210	.1533273	.0889765	.2274876	223.4674
#3	.0083198	-.001837	30.73472	.1535433	.0862724	.2272684	223.9061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.378650	17.71037	.1704721	-.020519	1.424766	.2370990	1.098943
Stddev	.008396	.04824	.0018179	.000111	.125710	.0017901	.020007
%RSD	.2484880	.2723889	1.066415	.5410063	8.823176	.7550090	1.820533

#1	3.388182	17.75893	.1683733	-.020622	1.309884	.2357311	1.121742
#2	3.372355	17.66245	.1715537	-.020401	1.559048	.2391250	1.084316
#3	3.375414	17.70974	.1714894	-.020533	1.405366	.2364409	1.090772

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.911031	1.728576	.1962751	.0150299	.3045378	49.00039	.0431515
Stddev	.053643	.012730	.0029701	.0003432	.0040652	.22932	.0002432
%RSD	.6780806	.7364259	1.513249	2.283599	1.334872	.4679992	.5635888

#1	7.882411	1.719114	.1957200	.0154033	.3015153	48.87657	.0434311
#2	7.972914	1.743049	.1936217	.0149580	.3091594	48.85959	.0430347
#3	7.877766	1.723564	.1994836	.0147283	.3029387	49.26500	.0429888

Sample Name: M3843-03 Acquired: 01/05/2022 17:56:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXZ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8728157	.1041225	-.131479
Stddev	.0021741	.0002020	.000549
%RSD	.2490912	.1940171	.4175415

#1	.8749803	.1038937	-.132100
#2	.8706322	.1042761	-.131059
#3	.8728348	.1041976	-.131277

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1384.064	44192.15	7445.920	1210.337	1885.632
Stddev	5.899	217.17	13.169	2.062	10.023
%RSD	.4262148	.4914191	.1768622	.1703770	.5315651

#1	1387.911	44171.88	7441.979	1208.034	1894.726
#2	1377.273	43985.83	7460.609	1212.012	1874.885
#3	1387.009	44418.74	7435.170	1210.966	1887.285

Sample Name: M3843-04 Acquired: 01/05/2022 18:00:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXZ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1167405	-.005435	.7077325	.0323844	.0035928	111.7863	.9349544
Stddev	.0055214	.003271	.0004015	.0047006	.0012451	.3175	.0019804
%RSD	4.729672	60.18344	.0567342	14.51510	34.65435	.2840133	.2118177

#1	.1128973	-.006568	.7076423	.0334959	.0042013	111.6574	.9337281
#2	.1230676	-.007990	.7073838	.0272276	.0044166	111.5535	.9338961
#3	.1142566	-.001748	.7081715	.0364297	.0021605	112.1479	.9372392

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107522	-.003693	14.11124	.1763951	.1098560	.3896785	262.8793
Stddev	.0001203	.000122	.09089	.0008258	.0003132	.0024733	1.0040
%RSD	1.118724	3.294800	.6441081	.4681295	.2851104	.6346967	.3819221

#1	.0106224	-.003724	14.06127	.1767217	.1096204	.3874826	262.9058
#2	.0108599	-.003559	14.05629	.1754559	.1097362	.3923578	261.8623
#3	.0107744	-.003796	14.21615	.1770075	.1102115	.3891951	263.8698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.827111	18.07221	.1817353	-.023750	1.499879	.2913708	.8462322
Stddev	.017967	.11089	.0008854	.000400	.256990	.0027832	.0015248
%RSD	.4694603	.6136005	.4871685	1.685651	17.13403	.9552078	.1801928

#1	3.824376	18.08471	.1811927	-.023852	1.435294	.2908192	.8478514
#2	3.810669	17.95559	.1812563	-.024089	1.783001	.2889046	.8448235
#3	3.846289	18.17631	.1827570	-.023308	1.281343	.2943885	.8460217

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.273260	1.209926	.2191038	.0193689	.1608991	46.99178	.0197385
Stddev	.046519	.008225	.0022859	.0001109	.0003771	.37842	.0022498
%RSD	.6395928	.6798027	1.043295	.5727829	.2343830	.8052896	11.39782

#1	7.238469	1.215025	.2211258	.0192519	.1611937	46.62560	.0222937
#2	7.326099	1.200438	.2166235	.0194726	.1604741	46.96838	.0188668
#3	7.255213	1.214317	.2195622	.0193820	.1610295	47.38136	.0180551

Sample Name: M3843-04 Acquired: 01/05/2022 18:00:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXZ5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7905647	.1270373	-.201482
Stddev	.0014869	.0016602	.000796
%RSD	.1880808	1.306825	.3952077

#1	.7896619	.1267558	-.201461
#2	.7897513	.1255359	-.200697
#3	.7922808	.1288202	-.202289

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1389.613	44207.50	7503.431	1210.411	1873.224
Stddev	1.740	293.89	20.809	5.634	3.065
%RSD	.1252155	.6647951	.2773211	.4654222	.1636177

#1	1390.949	43929.42	7524.840	1205.962	1873.523
#2	1390.243	44178.09	7502.173	1208.525	1876.129
#3	1387.645	44514.99	7483.280	1216.745	1870.021

Sample Name: M3843-05 Acquired: 01/05/2022 18:04:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXZ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1179114	-.008429	.7391590	.0333172	.0052972	105.4476	1.221781
Stddev	.0169360	.003460	.0021905	.0058501	.0005991	.3491	.005205
%RSD	14.36330	41.05084	.2963554	17.55880	11.30894	.3310815	.4259777

#1	.0992116	-.012370	.7391507	.0383481	.0049570	105.8339	1.221885
#2	.1223049	-.007029	.7369727	.0268978	.0059889	105.1546	1.216526
#3	.1322177	-.005888	.7413537	.0347057	.0049457	105.3542	1.226933

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107961	-.003801	12.29723	.1628499	.1207874	.2832479	256.3648
Stddev	.0001311	.000117	.03353	.0006277	.0002919	.0016059	.8132
%RSD	1.214068	3.080785	.2726454	.3854282	.2416613	.5669629	.3171955

#1	.0109327	-.003934	12.32745	.1623341	.1211231	.2818294	257.2785
#2	.0106713	-.003714	12.26117	.1635488	.1206448	.2849915	256.0953
#3	.0107842	-.003754	12.30308	.1626669	.1205941	.2829228	255.7206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.897963	16.94934	.1747981	-.023664	1.317860	.2661552	.7975802
Stddev	.010126	.03344	.0010535	.000325	.038872	.0023256	.0027360
%RSD	.2597754	.1972736	.6026778	1.373716	2.949606	.8737698	.3430369

#1	3.909612	16.97180	.1747727	-.023318	1.356890	.2635941	.7954634
#2	3.893013	16.96531	.1758641	-.023712	1.317541	.2681350	.8006696
#3	3.891265	16.91091	.1737576	-.023963	1.279149	.2667365	.7966075

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.793132	.7946185	.2139256	.0145706	.1082758	47.46743	.0190108
Stddev	.023082	.0020513	.0026752	.0008396	.0008958	.09929	.0015115
%RSD	.3397785	.2581545	1.250526	5.761903	.8273576	.2091777	7.950653

#1	6.790847	.7932439	.2168243	.0155151	.1091460	47.47402	.0196679
#2	6.771278	.7936351	.2115517	.0142880	.1073564	47.56327	.0172820
#3	6.817272	.7969764	.2134009	.0139089	.1083251	47.36501	.0200825

Sample Name: M3843-05 Acquired: 01/05/2022 18:04:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXZ6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7499009	.1194932	-.192450
Stddev	.0024379	.0024564	.000927
%RSD	.3250899	2.055665	.4817808

#1	.7521593	.1223226	-.193506
#2	.7473164	.1179064	-.191767
#3	.7502269	.1182504	-.192078

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1416.083	44932.68	7551.564	1232.321	1886.373
Stddev	4.695	24.34	24.462	9.844	3.200
%RSD	.3315417	.0541743	.3239329	.7988443	.1696611

#1	1413.894	44960.73	7556.500	1240.438	1888.476
#2	1421.473	44917.16	7525.010	1221.371	1887.953
#3	1412.882	44920.14	7573.181	1235.153	1882.690

Sample Name: M3843-06 Acquired: 01/05/2022 18:08:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXZ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2792462	-.004458	2.166753	.0290331	.0044274	84.64761	1.063440
Stddev	.0126729	.001585	.003819	.0027350	.0038266	.69180	.005933
%RSD	4.538269	35.56335	.1762712	9.420239	86.43114	.8172757	.5579073

#1	.2646510	-.004302	2.162587	.0315874	.0054343	85.44169	1.068973
#2	.2874592	-.002957	2.170090	.0293644	.0076498	84.17525	1.057175
#3	.2856285	-.006116	2.167580	.0261476	.0001980	84.32589	1.064172

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111604	.0126173	35.14059	.2271275	.1210905	.2756767	256.0762
Stddev	.0000877	.0002005	.11098	.0012163	.0011251	.0020092	1.8455
%RSD	.7860661	1.588988	.3158078	.5355343	.9291019	.7288203	.7206835

#1	.0110855	.0124771	35.24545	.2275323	.1200774	.2760555	258.2003
#2	.0111388	.0125279	35.02437	.2280898	.1208928	.2735050	254.8653
#3	.0112569	.0128469	35.15195	.2257604	.1223013	.2774694	255.1631

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.318185	14.49888	.1591031	-.022687	2.340915	.3329466	1.474402
Stddev	.036535	.14533	.0005541	.000412	.152775	.0082607	.011498
%RSD	.4992396	1.002338	.3482689	1.817274	6.526280	2.481080	.7798093

#1	7.359411	14.66521	.1587396	-.022212	2.515921	.3417055	1.482889
#2	7.289817	14.43498	.1588288	-.022894	2.272635	.3252961	1.461317
#3	7.305327	14.39646	.1597408	-.022954	2.234187	.3318383	1.479000

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.661596	1.103288	.2366239	.0274026	.4156966	47.43445	.0378563
Stddev	.013930	.002185	.0053688	.0003853	.0025195	.06046	.0031133
%RSD	.2460471	.1980745	2.268939	1.405941	.6060975	.1274504	8.223844

#1	5.650070	1.105349	.2427905	.0269893	.4185531	47.41791	.0357000
#2	5.657644	1.100996	.2329884	.0277519	.4137905	47.50146	.0414255
#3	5.677076	1.103518	.2340930	.0274665	.4147462	47.38399	.0364436

Sample Name: M3843-06 Acquired: 01/05/2022 18:08:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXZ7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.005391	.0957918	-.120490
Stddev	.011976	.0027953	.000858
%RSD	1.191183	2.918070	.7119482

#1	1.018003	.0975181	-.121214
#2	.994173	.0925668	-.119542
#3	1.003996	.0972905	-.120712

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1360.590	43188.69	7357.545	1183.826	1884.840
Stddev	1.907	44.92	13.394	6.791	2.250
%RSD	.1401851	.1040027	.1820445	.5736195	.1193820

#1	1362.395	43240.48	7370.842	1189.107	1882.272
#2	1358.594	43160.45	7344.056	1186.205	1885.782
#3	1360.781	43165.13	7357.737	1176.166	1886.466

Sample Name: M3843-07 Acquired: 01/05/2022 18:12:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXZ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2997231	.0004514	.9786029	.0325085	.0035212	94.25074	.8691525
Stddev	.0079329	.0048398	.0051084	.0017436	.0056404	.45518	.0022678
%RSD	2.646735	1072.203	.5220145	5.363431	160.1814	.4829407	.2609158

#1	.2919603	.0042939	.9837576	.0312561	-.002845	94.37698	.8673977
#2	.2993934	.0020444	.9735420	.0317696	.005514	93.74577	.8717131
#3	.3078158	-.004984	.9785091	.0344999	.007895	94.62947	.8683467

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118149	.0004390	19.04094	.2095898	.1334248	.1883325	273.1365
Stddev	.0004601	.0002050	.03686	.0015754	.0005041	.0046778	.7893
%RSD	3.894308	46.69400	.1935682	.7516761	.3778019	2.483812	.2889589

#1	.0114578	.0005657	19.00341	.2087762	.1332196	.1836768	273.5985
#2	.0116528	.0005487	19.04233	.2085876	.1339991	.1930322	272.2252
#3	.0123341	.0002025	19.07708	.2114057	.1330557	.1882886	273.5858

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.674091	14.77232	.1330816	-.025097	1.785858	.3112254	.7812040
Stddev	.014080	.04138	.0005767	.000408	.185002	.0056240	.0126898
%RSD	.1623244	.2801168	.4333719	1.625554	10.35930	1.807054	1.624391

#1	8.676609	14.72455	.1337291	-.024701	1.833855	.3166160	.7942582
#2	8.658923	14.79697	.1326230	-.025516	1.581587	.3053939	.7804410
#3	8.686743	14.79545	.1328927	-.025076	1.942131	.3116663	.7689130

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.167382	.7820746	.2229396	.0159336	.0834580	48.55895	.0160183
Stddev	.092395	.0032779	.0071318	.0004752	.0005668	.33484	.0034757
%RSD	1.788049	.4191325	3.199002	2.982155	.6791608	.6895514	21.69837

#1	5.242369	.7783000	.2289513	.0162990	.0837353	48.39873	.0196638
#2	5.064165	.7837191	.2248079	.0153964	.0828060	48.33433	.0127418
#3	5.195612	.7842048	.2150595	.0161053	.0838328	48.94380	.0156494

Sample Name: M3843-07 Acquired: 01/05/2022 18:12:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXZ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8290774	.1071185	-.172658
Stddev	.0035502	.0007123	.000418
%RSD	.4282097	.6649537	.2422682

#1	.8288282	.1068589	-.173118
#2	.8256585	.1079242	-.172557
#3	.8327457	.1065725	-.172300

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1354.831	42829.24	7250.541	1177.973	1884.008
Stddev	.282	85.06	34.198	10.589	1.024
%RSD	.0207874	.1986097	.4716561	.8988933	.0543360

#1	1354.506	42775.26	7252.421	1168.964	1884.400
#2	1354.999	42927.29	7283.760	1175.320	1882.846
#3	1354.988	42785.15	7215.443	1189.636	1884.778

Sample Name: M3843-08 Acquired: 01/05/2022 18:16:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXZ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3130827	-.007874	.8113738	.0302663	.0016760	87.55801	.6217107
Stddev	.0073012	.005803	.0021101	.0019382	.0025590	.53777	.0027963
%RSD	2.332029	73.69992	.2600625	6.403954	152.6804	.6141878	.4497730

#1	.3208549	-.008166	.8109245	.0280708	.0001523	87.71110	.6220917
#2	.3063679	-.013526	.8095246	.0309876	.0002454	88.00264	.6242969
#3	.3120252	-.001930	.8136724	.0317403	.0046305	86.96030	.6187434

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102020	-.001513	14.04177	.1676155	.1044940	.1471121	253.6895
Stddev	.0000631	.000077	.05595	.0010161	.0003938	.0022716	1.3049
%RSD	.6182575	5.095514	.3984580	.6061998	.3768163	1.544148	.5143767

#1	.0101359	-.001505	14.03089	.1676194	.1040888	.1453740	253.2709
#2	.0102616	-.001441	14.10236	.1665974	.1048753	.1462800	255.1524
#3	.0102086	-.001594	13.99206	.1686296	.1045178	.1496825	252.6452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.797467	14.18715	.1148262	-.023458	1.331184	.2727760	.5539268
Stddev	.033499	.05957	.0005741	.000533	.333076	.0064057	.0050302
%RSD	.5778157	.4198631	.5000097	2.272060	25.02103	2.348330	.9081044

#1	5.795009	14.14385	.1147940	-.023896	1.041897	.2666035	.5578718
#2	5.832127	14.25508	.1142688	-.022864	1.695314	.2793918	.5482623
#3	5.765265	14.16251	.1154158	-.023613	1.256341	.2723327	.5556463

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.117086	.6807130	.2030532	.0145595	.0677853	47.49088	.0162070
Stddev	.118045	.0030822	.0002354	.0005864	.0003083	.48683	.0007736
%RSD	2.306877	.4527893	.1159290	4.027447	.4548008	1.025099	4.773523

#1	5.135914	.6840392	.2030232	.0145605	.0679389	47.47348	.0167220
#2	5.224586	.6801462	.2028342	.0151453	.0674303	47.98617	.0165816
#3	4.990759	.6779535	.2033021	.0139725	.0679865	47.01298	.0153174

Sample Name: M3843-08 Acquired: 01/05/2022 18:16:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWXZ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7369054	.1042353	-.169513
Stddev	.0054556	.0006034	.001006
%RSD	.7403320	.5789190	.5937366

#1	.7348342	.1048485	-.168695
#2	.7430933	.1042153	-.170637
#3	.7327888	.1036422	-.169207

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1342.348	42339.36	7163.649	1158.740	1890.117
Stddev	3.413	323.91	57.667	3.250	3.565
%RSD	.2542898	.7650315	.8050015	.2804628	.1885984

#1	1346.045	42211.93	7169.028	1156.980	1894.135
#2	1339.316	42707.60	7103.480	1162.490	1888.879
#3	1341.681	42098.54	7218.438	1156.749	1887.336

Sample Name: M3843-09 Acquired: 01/05/2022 18:20:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1066767	-.009559	1.368467	.0332835	.0046046	83.73233	1.353070
Stddev	.0197225	.006152	.001638	.0049439	.0015190	1.95974	.032763
%RSD	18.48810	64.36305	.1196857	14.85393	32.98794	2.340484	2.421407

#1	.1047390	-.012510	1.368085	.0387229	.0035900	85.99194	1.390894
#2	.1272965	-.002487	1.370262	.0320645	.0063510	82.70842	1.334811
#3	.0879945	-.013680	1.367054	.0290631	.0038729	82.49664	1.333505

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124649	.0084833	43.18229	.1960385	.1018267	.2513008	291.6634
Stddev	.0002055	.0002004	.96907	.0008305	.0002341	.0061249	6.6417
%RSD	1.648806	2.362545	2.244135	.4236484	.2298591	2.437267	2.277175

#1	.0126290	.0083214	44.29962	.1969870	.1017538	.2583716	299.3314
#2	.0122344	.0084210	42.67635	.1954420	.1016377	.2478980	287.9446
#3	.0125312	.0087075	42.57090	.1956864	.1020885	.2476329	287.7142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.012944	15.49128	.2070119	-.025582	2.680630	.4140658	1.534005
Stddev	.140102	.31648	.0001837	.000449	.084682	.0097070	.009943
%RSD	2.330003	2.042949	.0887546	1.754092	3.159035	2.344320	.6481946

#1	6.174563	15.85434	.2072216	-.025414	2.778306	.4251193	1.538428
#2	5.938302	15.34578	.2069352	-.025242	2.627834	.4101486	1.540969
#3	5.925966	15.27372	.2068789	-.026090	2.635751	.4069294	1.522617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.951414	1.027051	.2930211	.0274082	.4354972	44.57156	.0347648
Stddev	.150589	.005332	.0095378	.0003958	.0016193	1.02656	.0019668
%RSD	1.893858	.5191826	3.254972	1.444217	.3718274	2.303162	5.657426

#1	8.117551	1.022887	.3038794	.0269638	.4341183	45.75692	.0356197
#2	7.912797	1.033061	.2891864	.0275378	.4372803	43.98218	.0325152
#3	7.823895	1.025206	.2859976	.0277230	.4350930	43.97558	.0361594

Sample Name: M3843-09 Acquired: 01/05/2022 18:20:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY00 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.512550	.0898131	-.160588
Stddev	.040330	.0017077	.003969
%RSD	2.666335	1.901365	2.471441

#1	1.558929	.0917745	-.165169
#2	1.492993	.0886573	-.158391
#3	1.485727	.0890074	-.158203

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1377.896	43575.31	7286.742	1189.285	1874.397
Stddev	2.965	288.58	128.444	9.816	3.454
%RSD	.2151714	.6622594	1.762702	.8253384	.1842947

#1	1376.596	43884.62	7138.446	1200.443	1871.313
#2	1381.289	43528.00	7358.886	1181.984	1878.130
#3	1375.804	43313.30	7362.894	1185.428	1873.747

Sample Name: M3843-10 Acquired: 01/05/2022 18:24:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1365653	-.014501	6.914212	.0328874	.0098754	114.4011	6.194518
Stddev	.0121080	.000929	.009203	.0042099	.0032121	1.1123	.019602
%RSD	8.866096	6.406842	.1330974	12.80084	32.52610	.9722410	.3164343

#1	.1345818	-.015447	6.905411	.0377122	.0073591	115.4568	6.215976
#2	.1255715	-.014467	6.923769	.0309888	.0134934	114.5068	6.177553
#3	.1495426	-.013590	6.913456	.0299611	.0087738	113.2398	6.190025

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183864	-.000289	108.2724	.2341818	.1148690	.3682501	378.0920
Stddev	.0003573	.000205	.3016	.0002270	.0003933	.0054258	2.4019
%RSD	1.943307	70.88012	.2785272	.0969359	.3423677	1.473394	.6352669

#1	.0187161	-.000509	108.5476	.2344259	.1150001	.3717506	380.2674
#2	.0184364	-.000256	108.3194	.2339770	.1144269	.3709997	378.4943
#3	.0180067	-.000103	107.9500	.2341427	.1151800	.3620000	375.5144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.179682	13.88016	.2063201	-.033131	5.097831	.5943963	1.780185
Stddev	.029026	.08148	.0007365	.000529	.324228	.0034820	.014332
%RSD	.4696964	.5870301	.3569866	1.597199	6.360109	.5858114	.8051045

#1	6.199489	13.96780	.2064338	-.033573	5.398177	.5965943	1.764680
#2	6.193194	13.86597	.2069931	-.033275	4.754092	.5962130	1.792948
#3	6.146364	13.80671	.2055333	-.032545	5.141222	.5903816	1.782928

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.83984	.9472337	.5836309	.0403102	.8635271	35.42773	.1352465
Stddev	.15234	.0013512	.0052582	.0001651	.0041271	.23403	.0026393
%RSD	1.286642	.1426446	.9009538	.4094393	.4779395	.6605980	1.951459

#1	12.00379	.9487889	.5896106	.0401245	.8677390	35.63076	.1341011
#2	11.81305	.9463472	.5797291	.0404400	.8594903	35.48068	.1333734
#3	11.70267	.9465651	.5815531	.0403661	.8633519	35.17176	.1382650

Sample Name: M3843-10 Acquired: 01/05/2022 18:24:22 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY01 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.077484	.1087519	-.091426
Stddev	.029904	.0011573	.001578
%RSD	.9717077	1.064144	1.726405

#1	3.108026	.1099534	-.090294
#2	3.076164	.1076447	-.090755
#3	3.048262	.1086575	-.093229

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1333.986	42915.30	7261.789	1162.352	1769.269
Stddev	2.681	255.29	50.774	5.947	3.112
%RSD	.2009643	.5948690	.6991970	.5116175	.1758681

#1	1332.131	42925.31	7223.541	1163.909	1766.994
#2	1332.769	42655.16	7242.431	1155.782	1767.997
#3	1337.060	43165.44	7319.395	1167.366	1772.815

Sample Name: M3843-11 Acquired: 01/05/2022 18:28:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1314522	-.005977	.8636341	.0290865	.0068953	90.05386	.9482790
Stddev	.0060179	.008427	.0019626	.0016017	.0019857	.64546	.0037456
%RSD	4.578042	140.9883	.2272541	5.506603	28.79848	.7167543	.3949932

#1	.1304296	.003005	.8646099	.0272792	.0064147	89.44549	.9486711
#2	.1379159	-.007226	.8649176	.0296502	.0051940	90.73093	.9518131
#3	.1260111	-.013711	.8613748	.0303301	.0090772	89.98516	.9443527

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122534	-.003044	17.70639	.1645095	.0799326	.1775596	271.0202
Stddev	.0001546	.000072	.08693	.0006635	.0008749	.0014005	1.3266
%RSD	1.261900	2.351969	.4909491	.4033357	1.094492	.7887668	.4894958

#1	.0124274	-.003056	17.63261	.1643641	.0802564	.1791457	269.6712
#2	.0121318	-.003108	17.80222	.1639306	.0805994	.1764934	272.3233
#3	.0122010	-.002967	17.68435	.1652336	.0789420	.1770397	271.0662

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.890893	12.91177	.1264773	-.025122	1.541575	.2980210	.8180029
Stddev	.014904	.01244	.0002298	.000248	.099792	.0005172	.0173750
%RSD	.3047397	.0963117	.1816856	.9885073	6.473406	.1735512	2.124076

#1	4.874158	12.90069	.1266772	-.024835	1.480188	.2986139	.8300253
#2	4.902740	12.90942	.1265284	-.025274	1.656721	.2976624	.7980818
#3	4.895780	12.92522	.1262262	-.025256	1.487815	.2977868	.8259018

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.186583	.6644271	.2535165	.0186440	.1207856	44.10344	.0213745
Stddev	.137579	.0012704	.0043516	.0008310	.0015939	.35168	.0008012
%RSD	2.223822	.1911992	1.716500	4.457409	1.319595	.7973978	3.748220

#1	6.160931	.6649236	.2486171	.0192637	.1195569	43.93265	.0207034
#2	6.335182	.6653742	.2549998	.0189688	.1202134	44.50790	.0222615
#3	6.063636	.6629834	.2569325	.0176997	.1225867	43.86977	.0211586

Sample Name: M3843-11 Acquired: 01/05/2022 18:28:21 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWY02 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8482686	.1066548	-.181596
Stddev	.0032981	.0014532	.000221
%RSD	.3887995	1.362550	.1215545

#1	.8445714	.1082175	-.181695
#2	.8509081	.1064029	-.181750
#3	.8493262	.1053440	-.181343

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1376.197	43411.62	7313.065	1203.813	1900.540
Stddev	5.537	148.37	34.409	3.711	5.655
%RSD	.4023328	.3417785	.4705080	.3083046	.2975542

#1	1380.651	43413.52	7338.040	1205.787	1906.039
#2	1369.998	43559.03	7273.817	1206.120	1894.741
#3	1377.944	43262.31	7327.337	1199.532	1900.839

Sample Name: M3843-12 Acquired: 01/05/2022 18:32:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1603370	-.009033	1.121010	.0298728	.0029756	90.09106	.8725377
Stddev	.0112717	.003032	.007834	.0117098	.0034402	.34792	.0027693
%RSD	7.030031	33.57300	.6988012	39.19895	115.6146	.3861878	.3173855

#1	.1661448	-.009081	1.121001	.0348297	.0023465	90.14818	.8753903
#2	.1675205	-.005976	1.113180	.0164998	-.000107	90.40688	.8723629
#3	.1473458	-.012040	1.128847	.0382889	.006687	89.71811	.8698599

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101826	-.000291	29.62561	.1499856	.1178189	.1494228	226.2937
Stddev	.0000659	.000286	.02723	.0015389	.0002442	.0058352	.5781
%RSD	.6472154	98.04021	.0918983	1.025996	.2072491	3.905162	.2554690

#1	.0101222	-.000574	29.59713	.1492214	.1177881	.1559192	226.5183
#2	.0102529	-.000003	29.65138	.1517570	.1180770	.1446263	226.7258
#3	.0101727	-.000297	29.62833	.1489784	.1175915	.1477228	225.6370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.106437	15.54131	.1509472	-.022285	1.580135	.2743799	.9509884
Stddev	.013943	.05878	.0004528	.000639	.211945	.0041692	.0061475
%RSD	.2283293	.3782410	.2999916	2.866018	13.41312	1.519483	.6464291

#1	6.117401	15.47431	.1504380	-.022061	1.629407	.2736706	.9580637
#2	6.111165	15.58423	.1513049	-.021789	1.763105	.2706110	.9479475
#3	6.090745	15.56539	.1510986	-.023006	1.347894	.2788582	.9469540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.203158	.7344475	.2089001	.0159828	.2341763	47.51103	.0148982
Stddev	.154770	.0020349	.0043498	.0000875	.0004773	.09257	.0011809
%RSD	2.974539	.2770597	2.082224	.5476131	.2038117	.1948419	7.926300

#1	5.105921	.7323867	.2123922	.0160838	.2342070	47.42886	.0154957
#2	5.381632	.7364554	.2040276	.0159278	.2346375	47.61132	.0135380
#3	5.121921	.7345003	.2102804	.0159369	.2336844	47.49290	.0156609

Sample Name: M3843-12 Acquired: 01/05/2022 18:32:24 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWY03 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8508093	.1026175	-.109550
Stddev	.0040367	.0011654	.000185
%RSD	.4744491	1.135706	.1689299

#1	.8478521	.1014263	-.109758
#2	.8554082	.1026709	-.109403
#3	.8491678	.1037553	-.109488

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1369.504	43221.64	7285.841	1187.233	1892.937
Stddev	3.239	158.68	20.585	6.262	5.952
%RSD	.2364812	.3671215	.2825404	.5274134	.3144063

#1	1372.952	43175.98	7273.880	1182.994	1899.574
#2	1369.034	43090.80	7274.032	1194.425	1891.162
#3	1366.526	43398.14	7309.610	1184.280	1888.074

Sample Name: M3843-13 Acquired: 01/05/2022 18:36:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY03D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1460644	-.003907	1.165866	.0278344	.0010826	90.85673	.8816368
Stddev	.0169263	.001640	.004157	.0062076	.0019990	.18509	.0034017
%RSD	11.58822	41.98567	.3565600	22.30203	184.6452	.2037125	.3858452

#1	.1350438	-.002381	1.164932	.0269413	.0033738	90.87000	.8816614
#2	.1375958	-.005642	1.170411	.0344403	.0001794	91.03483	.8782228
#3	.1655536	-.003698	1.162256	.0221217	-.000305	90.66537	.8850262

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100379	-.000252	28.99509	.1507236	.1172033	.1496447	226.3053
Stddev	.0001623	.000127	.06556	.0005331	.0002700	.0036690	.2508
%RSD	1.617411	50.50165	.2260966	.3536886	.2303467	2.451812	.1108056

#1	.0101340	-.000161	29.06306	.1505753	.1174555	.1456806	226.5127
#2	.0098505	-.000397	28.93224	.1513152	.1172358	.1503321	226.3765
#3	.0101293	-.000198	28.98998	.1502804	.1169185	.1529214	226.0266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.128986	15.55092	.1496297	-.021525	1.723777	.2734722	.9508431
Stddev	.011035	.03580	.0011600	.000928	.246832	.0036830	.0112637
%RSD	.1800431	.2302387	.7752731	4.310544	14.31928	1.346742	1.184605

#1	6.141727	15.53338	.1507609	-.020622	1.889521	.2708367	.9482570
#2	6.122466	15.59211	.1484428	-.022476	1.440099	.2776804	.9410974
#3	6.122766	15.52727	.1496854	-.021478	1.841710	.2718993	.9631750

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.076506	.7315342	.2040299	.0157679	.2254771	47.96807	.0149997
Stddev	.080899	.0021368	.0042656	.0002147	.0005777	.36498	.0013816
%RSD	1.593593	.2920975	2.090672	1.361658	.2562094	.7608835	9.210559

#1	4.984767	.7334261	.2069817	.0158405	.2258037	47.87188	.0157208
#2	5.107125	.7292166	.1991393	.0155262	.2248101	48.37151	.0158716
#3	5.137626	.7319600	.2059688	.0159368	.2258176	47.66081	.0134068

Sample Name: M3843-13 Acquired: 01/05/2022 18:36:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY03D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8418989	.1025134	-.108523
Stddev	.0013028	.0021805	.000410
%RSD	.1547402	2.127028	.3782427

#1	.8423584	.0999989	-.108851
#2	.8429096	.1038829	-.108063
#3	.8404287	.1036583	-.108656

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1375.932	43520.28	7338.295	1201.186	1906.052
Stddev	3.659	139.66	13.442	12.839	4.462
%RSD	.2659644	.3209082	.1831824	1.068868	.2340863

#1	1376.345	43611.07	7323.033	1196.051	1905.962
#2	1379.367	43590.30	7348.376	1215.798	1910.559
#3	1372.083	43359.46	7343.475	1191.710	1901.636

Sample Name: CCV003 Acquired: 01/05/2022 18:40:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.780526	4.717882	23.48756	4.643314	4.522615	377.0882
Stddev	.025830	.018243	.06105	.026566	.006282	1.8881
%RSD	.5403136	.3866700	.2599304	.5721443	.1389082	.5007128

#1	4.788668	4.697515	23.41709	4.673675	4.518919	377.6586
#2	4.801303	4.723407	23.52441	4.631931	4.519057	374.9807
#3	4.751606	4.732723	23.52119	4.624336	4.529868	378.6254

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.504663	.4891437	2.368511	384.9793	14.70351	2.412220
Stddev	.017534	.0009208	.005461	1.9219	.03891	.002047
%RSD	.1844771	.1882468	.2305457	.4992159	.2646453	.0848481

#1	9.490342	.4881076	2.362208	385.8457	14.73814	2.409870
#2	9.499428	.4894552	2.371779	382.7768	14.71099	2.413183
#3	9.524217	.4898684	2.371548	386.3155	14.66140	2.413608

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.19726	379.2591	14.33863	379.8125	2.301171	1.217616
Stddev	.12783	2.4235	.07114	2.1170	.004893	.002668
%RSD	.9004145	.6390157	.4961766	.5573858	.2126158	.2190793

#1	14.28613	381.0207	14.39048	380.7525	2.295615	1.220676
#2	14.05075	376.4952	14.25752	377.3883	2.304836	1.216391
#3	14.25489	380.2613	14.36788	381.2968	2.303061	1.215781

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	383.2114	2.333494	14.36950	144.4341	F 5.701326	5.022223
Stddev	1.5015	.014238	.08839	1.4633	.012930	.013055
%RSD	.3918236	.6101742	.6151089	1.013133	.2267972	.2599410

#1	382.9498	2.337708	14.40019	145.1194	5.686558	5.032398
#2	381.8579	2.317625	14.26986	142.7539	5.710614	5.007503
#3	384.8265	2.345151	14.43845	145.4290	5.706805	5.026768

Sample Name: CCV003 Acquired: 01/05/2022 18:40:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.616136	4.982998	4.871699	4.715912	4.741675	4.842067
Stddev	.013411	.017821	.012044	.006483	.035703	.003928
%RSD	.2905219	.3576278	.2472305	.1374671	.7529703	.0811253
#1	4.606199	4.966629	4.868960	4.710567	4.761406	4.845406
#2	4.610820	5.001981	4.884877	4.714046	4.700461	4.837739
#3	4.631391	4.980383	4.861260	4.723123	4.763159	4.843057

Elem	Sr4077
Units	ppm
Avg	F 4.471798
Stddev	.040043
%RSD	.8954500
#1	4.493586
#2	4.425585
#3	4.496221

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1073.375	36834.17	6441.276	959.7758	1505.179
Stddev	3.136	233.66	29.904	5.2633	.971
%RSD	.2921704	.6343686	.4642578	.5483900	.0645040
#1	1074.388	36607.78	6429.285	962.9934	1506.300
#2	1075.879	37074.49	6475.314	962.6322	1504.633
#3	1069.858	36820.25	6419.228	953.7019	1504.603

Sample Name: CCB003 Acquired: 01/05/2022 18:44:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003651	.0047107	-.001023	.0040516	-.004272	.0128099	.0016986
Stddev	.0063423	.0038792	.001135	.0036133	.000990	.0117787	.0005089
%RSD	1737.328	82.34867	110.9910	89.18158	23.17901	91.95023	29.96170

#1	-.000299	.0063431	-.000198	.0016362	-.005194	-.000553	.0020876
#2	-.005619	.0002821	-.002317	.0023130	-.004398	.021684	.0011226
#3	.007013	.0075068	-.000553	.0082054	-.003225	.017299	.0018857

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001424	-.000079	-.021516	.0000882	-.000039	.0007816	.0161304
Stddev	.0000702	.000043	.012237	.0007199	.000113	.0026722	.0129287
%RSD	49.29577	53.76511	56.87524	815.8433	285.5686	341.9025	80.15161

#1	.0000614	-.000127	-.022628	.0007629	-.000049	.0000626	.0052555
#2	.0001834	-.000046	-.008761	.0001715	.000078	.0037397	.0127102
#3	.0001826	-.000065	-.033159	-.000670	-.000147	-.001458	.0304253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003903	.0271649	.0003439	-.000781	.2943592	.0000846	.0039163
Stddev	.0006828	.0179753	.0002503	.000298	.1171164	.0021046	.0061303
%RSD	174.9602	66.17120	72.78437	38.19860	39.78689	2487.692	156.5333

#1	-.000389	.0263319	.0006275	-.000452	.2236545	-.002205	.0031658
#2	.000884	.0455422	.0002499	-.001033	.2298773	.001935	-.001804
#3	.000676	.0096205	.0001542	-.000859	.4295459	.000524	.010387

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.125445	-.000592	-.001729	.0004001	-.000160	.0007483	-.000573
Stddev	.004692	.000549	.001023	.0003627	.000732	.0010997	.002090
%RSD	3.740167	92.85825	59.15865	90.65159	457.2347	146.9637	364.6578

#1	-.127046	-.000527	-.001045	.0006693	-.000979	.0000912	.001830
#2	-.129127	-.000077	-.002905	.0005433	.000433	.0001358	-.001970
#3	-.120162	-.001170	-.001237	-.000012	.000066	.0020178	-.001579

Sample Name: CCB003 Acquired: 01/05/2022 18:44:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0017520	-.000772	.0000040
Stddev	.0009901	.001758	.0000407
%RSD	56.50947	227.6783	1013.292

#1	.0028697	-.002512	.0000283
#2	.0009852	-.000809	.0000267
#3	.0014011	.001004	-.000043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1281.669	39863.11	6722.392	1104.379	2000.401
Stddev	1.008	337.82	43.657	14.601	1.708
%RSD	.0786516	.8474623	.6494201	1.322133	.0853615

#1	1282.098	39767.55	6674.600	1094.418	2001.877
#2	1280.517	39583.36	6760.175	1097.580	1998.531
#3	1282.392	40238.42	6732.400	1121.140	2000.796

Sample Name: M3843-12LX5 Acquired: 01/05/2022 18:48:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY03L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0305956	.0067407	.2072546	.0068080	-.000659	18.05877	.1746177
Stddev	.0170821	.0061861	.0022154	.0057240	.002215	.11182	.0019069
%RSD	55.83186	91.77224	1.068946	84.07865	336.2963	.6191778	1.092014

#1	.0313691	.0137553	.2047239	.0002043	.000355	18.01102	.1735227
#2	.0131399	.0044011	.2081967	.0098680	-.003199	18.18654	.1768195
#3	.0472778	.0020656	.2088434	.0103516	.000868	17.97876	.1735108

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020547	-.000170	5.949231	.0303662	.0213254	.0295314	46.28794
Stddev	.0001506	.000030	.024246	.0004286	.0001516	.0028914	.15512
%RSD	7.330321	17.78410	.4075504	1.411313	.7110951	9.790909	.3351140

#1	.0021582	-.000144	5.926786	.0308184	.0211531	.0328375	46.12365
#2	.0018819	-.000203	5.974946	.0303142	.0213847	.0282820	46.43188
#3	.0021240	-.000164	5.945962	.0299660	.0214384	.0274749	46.30827

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.240348	3.175993	.0283627	-.005163	.6038388	.0545705	.1896727
Stddev	.005175	.053467	.0004237	.000327	.1614263	.0021021	.0150820
%RSD	.4171965	1.683485	1.493968	6.327734	26.73335	3.852030	7.951585

#1	1.234389	3.225588	.0281050	-.005518	.4654234	.0565233	.1751674
#2	1.243710	3.183040	.0288517	-.005095	.5649293	.0548425	.1885788
#3	1.242945	3.119352	.0281314	-.004875	.7811638	.0523456	.2052718

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2674310	.1289129	.0386304	.0032164	.0402735	9.530610	.0032960
Stddev	.1183395	.0006111	.0013328	.0003511	.0009859	.015881	.0003582
%RSD	44.25049	.4740684	3.450188	10.91691	2.448137	.1666354	10.86861

#1	.1744916	.1286146	.0399488	.0035614	.0412975	9.548948	.0029138
#2	.2271484	.1296159	.0386590	.0028594	.0393306	9.521291	.0033499
#3	.4006529	.1285081	.0372836	.0032284	.0401925	9.521593	.0036242

Sample Name: M3843-12LX5 Acquired: 01/05/2022 18:48:26 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWY03L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1716497	.0173038	-.022751
Stddev	.0018039	.0018235	.000109
%RSD	1.050916	10.53834	.4777988

#1	.1703555	.0169507	-.022858
#2	.1708835	.0156826	-.022641
#3	.1737103	.0192780	-.022754

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1336.489	41752.72	6906.680	1152.732	2050.140
Stddev	1.564	209.97	39.700	13.967	3.426
%RSD	.1170130	.5028922	.5748121	1.211663	.1670928

#1	1336.102	41967.92	6951.607	1167.815	2046.573
#2	1335.156	41548.40	6876.320	1140.245	2050.445
#3	1338.211	41741.84	6892.115	1150.135	2053.403

Sample Name: M3843-14 Acquired: 01/05/2022 18:52:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY03S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2402686	.0772412	1.337650	.2033516	.0247865	98.04740	4.755774
Stddev	.0133666	.0086378	.001200	.0059779	.0042053	.35199	.013901
%RSD	5.563191	11.18285	.0897278	2.939667	16.96594	.3590012	.2922942

#1	.2531430	.0805454	1.338010	.2088884	.0293655	98.43848	4.763071
#2	.2412039	.0674391	1.338629	.2041530	.0210973	97.75600	4.764506
#3	.2264589	.0837391	1.336311	.1970135	.0238968	97.94771	4.739744

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1113896	.1018870	27.69133	.5771252	1.150506	.6322518	260.9397
Stddev	.0009122	.0005222	.06558	.0004929	.002617	.0029951	.8726
%RSD	.8189467	.5125259	.2368281	.0854129	.2274674	.4737273	.3344191

#1	.1104724	.1022401	27.73679	.5769832	1.153523	.6353738	261.1182
#2	.1113997	.1021337	27.61615	.5767189	1.148838	.6319796	259.9916
#3	.1122968	.1012871	27.72104	.5776736	1.149159	.6294020	261.7092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.436573	15.54187	1.152797	.1125947	1.490795	1.255543	1.918039
Stddev	.016906	.03394	.002899	.0007879	.076212	.006416	.017723
%RSD	.2273344	.2183885	.2515084	.6997972	5.112186	.5109833	.9240076

#1	7.441026	15.56727	1.156125	.1134993	1.574841	1.261967	1.938493
#2	7.417887	15.50332	1.150818	.1120577	1.471368	1.255527	1.907228
#3	7.450807	15.55504	1.151448	.1122272	1.426177	1.249136	1.908397

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.251123	.8488162	.2280069	.0176388	.1900034	42.96694	.0175570
Stddev	.095823	.0032926	.0022349	.0000418	.0009767	.27026	.0019991
%RSD	1.824803	.3879008	.9802124	.2369409	.5140649	.6289879	11.38641

#1	5.337000	.8501178	.2299216	.0176062	.1893265	42.85534	.0163842
#2	5.268607	.8512590	.2255511	.0176859	.1911231	42.77036	.0198653
#3	5.147762	.8450718	.2285482	.0176242	.1895606	43.27513	.0164216

Sample Name: M3843-14 Acquired: 01/05/2022 18:52:30 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWY03S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8649070	.1045018	-.140147
Stddev	.0025906	.0005325	.000649
%RSD	.2995270	.5095977	.4628185

#1	.8670257	.1051113	-.139637
#2	.8620188	.1041264	-.139927
#3	.8656766	.1042676	-.140877

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1376.301	43649.70	7329.474	1191.131	1901.346
Stddev	5.654	177.35	11.620	9.473	5.938
%RSD	.4108380	.4063029	.1585403	.7952799	.3122814

#1	1369.943	43532.96	7316.363	1180.217	1894.492
#2	1378.194	43562.36	7338.500	1197.220	1904.927
#3	1380.766	43853.78	7333.558	1195.955	1904.619

Sample Name: M3843-15 Acquired: 01/05/2022 18:56:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1853108	-.004889	1.300240	.0276155	.0039961	95.51643	1.017383
Stddev	.0167033	.006249	.003640	.0038446	.0053472	.61397	.000771
%RSD	9.013677	127.8268	.2799171	13.92181	133.8110	.6427945	.0757393

#1	.1680715	-.012098	1.301951	.0316396	-.000925	94.86082	1.016563
#2	.1864401	-.001022	1.302710	.0272270	.009686	95.61056	1.017495
#3	.2014208	-.001546	1.296061	.0239799	.003227	96.07790	1.018092

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108154	-.000057	29.45510	.1628287	.1139557	.1591222	231.9512
Stddev	.0001436	.000135	.07273	.0004754	.0012439	.0014627	1.2933
%RSD	1.328017	236.3514	.2469214	.2919607	1.091539	.9192389	.5575832

#1	.0106504	-.000038	29.44502	.1623560	.1127214	.1577993	230.5889
#2	.0109122	.000067	29.53235	.1628235	.1152089	.1588741	232.1025
#3	.0108836	-.000201	29.38794	.1633068	.1139369	.1606930	233.1623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.944209	15.78520	.1610844	-.022288	1.485528	.3016895	1.009010
Stddev	.017672	.08926	.0011776	.000342	.229418	.0052435	.000859
%RSD	.2972893	.5654598	.7310519	1.535539	15.44355	1.738055	.0851134

#1	5.924499	15.69822	.1606422	-.022604	1.470420	.2966250	1.009727
#2	5.949490	15.78081	.1624192	-.021924	1.264038	.3013482	1.009245
#3	5.958638	15.87657	.1601919	-.022337	1.722128	.3070954	1.008059

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.496862	.7850904	.2058203	.0181447	.2377076	47.62348	.0197715
Stddev	.053154	.0049289	.0030628	.0002917	.0018598	.14328	.0039072
%RSD	.9669912	.6278150	1.488102	1.607801	.7823848	.3008547	19.76179

#1	5.479654	.7826674	.2024367	.0184413	.2363875	47.62989	.0173041
#2	5.454444	.7907618	.2066211	.0181347	.2398346	47.47710	.0242764
#3	5.556488	.7818418	.2084032	.0178581	.2369007	47.76344	.0177342

Sample Name: M3843-15 Acquired: 01/05/2022 18:56:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY04 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8574919	.1101677	-.108900
Stddev	.0069554	.0005097	.000342
%RSD	.8111341	.4626809	.3141879

#1	.8494826	.1095893	-.108506
#2	.8620128	.1105513	-.109122
#3	.8609801	.1103625	-.109071

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1393.616	44105.59	7431.721	1215.948	1909.884
Stddev	8.271	172.00	32.552	.490	9.175
%RSD	.5934878	.3899771	.4380210	.0402645	.4803820

#1	1399.519	44195.87	7425.075	1216.009	1914.941
#2	1384.162	44213.66	7467.084	1215.430	1899.293
#3	1397.165	43907.25	7403.005	1216.404	1915.417

Sample Name: M3843-16 Acquired: 01/05/2022 19:00:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1628483	-.003854	.7670043	.0308705	.0032395	95.05407	.7792997
Stddev	.0154718	.002589	.0013218	.0028148	.0028933	.18667	.0036185
%RSD	9.500767	67.17170	.1723319	9.118234	89.31097	.1963846	.4643261

#1	.1780808	-.002654	.7670945	.0279652	.0056621	94.90964	.7823881
#2	.1633163	-.006825	.7682787	.0310613	.0000359	95.26486	.7753183
#3	.1471477	-.002083	.7656397	.0335851	.0040206	94.98773	.7801927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103897	-.002373	20.48627	.1449337	.1212496	.1369566	238.4089
Stddev	.0000638	.000188	.04696	.0017127	.0006357	.0013103	.9270
%RSD	.6139114	7.906768	.2292392	1.181683	.5242893	.9567438	.3888153

#1	.0103756	-.002575	20.54020	.1466770	.1215275	.1379478	238.2325
#2	.0103341	-.002337	20.46418	.1448708	.1205223	.1374510	239.4114
#3	.0104593	-.002205	20.45441	.1432534	.1216990	.1354710	237.5828

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.644726	14.94360	.1439658	-.023066	1.359289	.2790192	.6645284
Stddev	.027385	.07177	.0014600	.000419	.079425	.0017384	.0070934
%RSD	.4851496	.4803009	1.014152	1.816669	5.843097	.6230509	1.067439

#1	5.640401	14.93865	.1428510	-.023549	1.287346	.2810084	.6724476
#2	5.674016	15.01772	.1456185	-.022808	1.444519	.2782582	.6623803
#3	5.619760	14.87443	.1434279	-.022839	1.346002	.2777911	.6587573

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.959384	.5055129	.2094816	.0175675	.1205739	43.75410	.0256866
Stddev	.033297	.0006111	.0009257	.0002652	.0011064	.16837	.0030684
%RSD	.6713959	.1208778	.4418953	1.509352	.9176205	.3848089	11.94545

#1	4.938160	.5059499	.2090112	.0177931	.1195593	43.94593	.0291812
#2	4.997760	.5057741	.2088855	.0172754	.1217536	43.63082	.0234333
#3	4.942231	.5048146	.2105480	.0176341	.1204089	43.68555	.0244455

Sample Name: M3843-16 Acquired: 01/05/2022 19:00:27 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWY05 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7979049	.1069876	-.150633
Stddev	.0032400	.0008012	.000506
%RSD	.4060654	.7488357	.3361569

#1	.7948966	.1061449	-.150978
#2	.8013352	.1077395	-.150869
#3	.7974828	.1070783	-.150052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1391.380	43747.20	7401.000	1204.270	1916.702
Stddev	3.472	92.81	22.196	1.702	6.209
%RSD	.2495067	.2121605	.2999034	.1413512	.3239319

#1	1389.016	43684.19	7376.345	1203.989	1910.577
#2	1389.758	43853.78	7407.266	1206.095	1916.537
#3	1395.365	43703.62	7419.390	1202.726	1922.991

Sample Name: M3843-17 Acquired: 01/05/2022 19:04:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0990186	-.005405	.5300509	.0347475	.0038536	101.1444	.7584718
Stddev	.0094867	.006660	.0029618	.0154832	.0019097	.6125	.0026571
%RSD	9.580759	123.2123	.5587695	44.55903	49.55644	.6055855	.3503269

#1	.1020258	.002063	.5332342	.0195438	.0059210	101.1353	.7597809
#2	.1066372	-.007551	.5273766	.0504958	.0021555	100.5366	.7554141
#3	.0883927	-.010728	.5295420	.0342030	.0034844	101.7615	.7602203

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101544	-.003872	18.36560	.1599402	.1362416	.1214461	235.1802
Stddev	.0004013	.000140	.12966	.0003940	.0005138	.0028091	1.4104
%RSD	3.952324	3.615764	.7060192	.2463149	.3770964	2.313081	.5996936

#1	.0103179	-.003846	18.33451	.1599176	.1358187	.1243130	235.1768
#2	.0096971	-.003747	18.25430	.1595580	.1360927	.1186985	233.7715
#3	.0104482	-.004023	18.50798	.1603449	.1368133	.1213268	236.5922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.356047	16.10373	.1524385	-.023232	1.593008	.2808326	.5605757
Stddev	.034258	.09256	.0001828	.000440	.085898	.0009684	.0107507
%RSD	.5389881	.5747818	.1199296	1.895667	5.392187	.3448469	1.917796

#1	6.359380	16.14292	.1522546	-.023242	1.601102	.2813071	.5676087
#2	6.320245	15.99802	.1526202	-.023668	1.503349	.2797184	.5659182
#3	6.388518	16.17025	.1524407	-.022787	1.674572	.2814723	.5482003

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.174068	.4451318	.2012552	.0133558	.0761423	44.92249	.0141855
Stddev	.024320	.0016855	.0028981	.0009596	.0009533	.86328	.0018664
%RSD	.4700431	.3786408	1.439996	7.185176	1.251988	1.921706	13.15737

#1	5.200805	.4451787	.2026284	.0143040	.0765140	44.91731	.0120603
#2	5.153262	.4434233	.2032115	.0123851	.0768537	44.06181	.0149383
#3	5.168135	.4467932	.1979258	.0133782	.0750591	45.78834	.0155581

Sample Name: M3843-17 Acquired: 01/05/2022 19:04:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY06 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7626615	.1207925	-.156158
Stddev	.0052771	.0003094	.000501
%RSD	.6919262	.2561615	.3205692

#1	.7621751	.1209453	-.156098
#2	.7576444	.1209958	-.155689
#3	.7681649	.1204364	-.156685

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1409.007	44210.88	7448.625	1215.721	1921.158
Stddev	2.241	380.69	81.629	6.796	2.877
%RSD	.1590530	.8610782	1.095889	.5589820	.1497306

#1	1411.179	44357.77	7457.378	1215.299	1924.071
#2	1406.703	43778.62	7525.525	1209.147	1921.083
#3	1409.141	44496.23	7362.973	1222.719	1918.319

Sample Name: M3843-18 Acquired: 01/05/2022 19:08:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0921221	.0008268	6.625067	.0334454	.0080850	82.71964	2.145449
Stddev	.0191757	.0064288	.000874	.0027769	.0017246	.97580	.014126
%RSD	20.81554	777.5327	.0131859	8.302806	21.33137	1.179645	.6584121

#1	.0939084	.0051664	6.625107	.0364708	.0072983	83.81713	2.157282
#2	.0721157	.0038729	6.624174	.0328528	.0100627	82.39182	2.149256
#3	.1103421	-.006559	6.625919	.0310127	.0068939	81.94996	2.129810

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148428	.0113422	37.07204	.1941372	.1049512	.9418930	306.1629
Stddev	.0001978	.0002588	.16963	.0004686	.0005581	.0126197	2.6162
%RSD	1.332279	2.282075	.4575656	.2413977	.5317880	1.339819	.8545207

#1	.0146827	.0111642	37.25448	.1946721	.1054752	.9563676	309.1779
#2	.0147818	.0116391	36.91910	.1939409	.1050142	.9361119	304.4911
#3	.0150638	.0112233	37.04253	.1937987	.1043643	.9331995	304.8197

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.599283	11.82006	.2113662	-.024848	2.285194	.3237545	3.715773
Stddev	.037734	.09179	.0003867	.000808	.093442	.0014985	.055352
%RSD	.6739150	.7765932	.1829704	3.252805	4.089018	.4628633	1.489662

#1	5.640904	11.92208	.2114597	-.025546	2.304266	.3220462	3.779649
#2	5.567308	11.79394	.2116976	-.023962	2.367628	.3248472	3.681892
#3	5.589638	11.74415	.2109413	-.025037	2.183687	.3243702	3.685777

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.17262	1.788286	.4369251	.0384091	1.229584	40.83716	.2811880
Stddev	.19848	.003351	.0097970	.0004008	.003154	.24217	.0018552
%RSD	1.630566	.1873601	2.242249	1.043495	.2564961	.5930041	.6597797

#1	12.38196	1.787489	.4480008	.0380275	1.226748	40.71681	.2824351
#2	11.98716	1.785407	.4333816	.0388267	1.232980	40.67875	.2820728
#3	12.14874	1.791964	.4293929	.0383730	1.229023	41.11593	.2790560

Sample Name: M3843-18 Acquired: 01/05/2022 19:08:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY07 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.352688	.0892979	-.123268
Stddev	.014261	.0007560	.000262
%RSD	1.054256	.8466024	.2128826

#1	1.368912	.0889338	-.122976
#2	1.347018	.0901671	-.123342
#3	1.342134	.0887929	-.123485

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1397.105	44193.87	7455.484	1204.550	1892.803
Stddev	3.673	666.95	83.718	15.988	3.977
%RSD	.2629302	1.509141	1.122908	1.327335	.2101029

#1	1393.758	43427.53	7375.324	1186.264	1889.818
#2	1401.035	44643.03	7542.356	1215.898	1897.317
#3	1396.521	44511.06	7448.771	1211.487	1891.272

Sample Name: M3843-19 Acquired: 01/05/2022 19:12:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1304289	.0001137	4.751832	.0427608	.0169701	61.94046	2.645327
Stddev	.0127297	.0024071	.001987	.0074470	.0044218	.64068	.008712
%RSD	9.759876	2116.600	.0418086	17.41554	26.05656	1.034342	.3293401

#1	.1180498	-.000674	4.753491	.0468823	.0219495	62.28270	2.653614
#2	.1434824	-.001801	4.749630	.0341642	.0135022	62.33735	2.646121
#3	.1297546	.002816	4.752375	.0472360	.0154587	61.20135	2.636244

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141992	.0057094	31.86493	.1794894	.0626312	.5935095	366.7560
Stddev	.0002705	.0002106	.14445	.0015489	.0001819	.0073641	2.8933
%RSD	1.905351	3.688178	.4533148	.8629275	.2904020	1.240768	.7888814

#1	.0144278	.0056124	31.96708	.1793495	.0625852	.5957382	368.6680
#2	.0142693	.0055649	31.92805	.1811035	.0624766	.5995018	368.1727
#3	.0139005	.0059510	31.69966	.1780153	.0628316	.5852885	363.4274

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.337397	8.607232	.1567594	-.032382	2.746548	.3632274	3.949405
Stddev	.023910	.037528	.0008153	.000294	.046611	.0071975	.034306
%RSD	.7164238	.4360075	.5200796	.9076172	1.697069	1.981539	.8686360

#1	3.351488	8.650547	.1559610	-.032636	2.721781	.3595441	3.977666
#2	3.350913	8.584476	.1567267	-.032060	2.800314	.3715211	3.959314
#3	3.309790	8.586672	.1575906	-.032451	2.717549	.3586170	3.911235

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.97507	1.954757	.4470733	.0723656	4.435900	35.23110	.2176624
Stddev	.20203	.007653	.0053590	.0011019	.007151	.28821	.0018702
%RSD	1.445621	.3914859	1.198677	1.522641	.1612060	.8180594	.8592266

#1	14.03088	1.948836	.4513879	.0727767	4.441906	35.52191	.2159498
#2	14.14332	1.963398	.4487575	.0711173	4.427990	35.22584	.2173793
#3	13.75100	1.952038	.4410746	.0732028	4.437805	34.94556	.2196580

Sample Name: M3843-19 Acquired: 01/05/2022 19:12:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY08 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.735158	.0691245	-.071326
Stddev	.015970	.0021372	.002507
%RSD	.9203768	3.091769	3.514877

#1	1.746380	.0670808	-.070751
#2	1.742220	.0689485	-.069156
#3	1.716875	.0713442	-.074070

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1339.078	42240.93	7230.732	1155.185	1890.036
Stddev	3.219	231.10	51.150	6.980	2.424
%RSD	.2404220	.5471035	.7073938	.6042693	.1282476

#1	1339.186	42371.99	7207.550	1161.227	1890.339
#2	1335.806	41974.09	7195.277	1147.544	1887.474
#3	1342.243	42376.72	7289.368	1156.786	1892.294

Sample Name: M3843-20 Acquired: 01/05/2022 19:16:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1022611	-.008624	2.046812	.0311236	.0062083	97.96809	1.486835
Stddev	.0284556	.006959	.003591	.0058118	.0006039	.24675	.003560
%RSD	27.82642	80.68792	.1754309	18.67343	9.726883	.2518725	.2394286

#1	.1324663	-.013773	2.045256	.0247456	.0056866	98.18762	1.486988
#2	.0759578	-.011392	2.044261	.0325047	.0060684	98.01562	1.490315
#3	.0983592	-.000707	2.050918	.0361204	.0068698	97.70103	1.483200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135616	-.000932	20.98389	.1860395	.0828577	.2609899	315.5942
Stddev	.0001306	.000230	.06790	.0006048	.0002826	.0025654	.7778
%RSD	.9631060	24.65865	.3235886	.3250689	.3410408	.9829522	.2464677

#1	.0134603	-.000963	20.93227	.1857414	.0831648	.2632537	315.3323
#2	.0137090	-.000688	20.95859	.1856416	.0827996	.2582034	314.9811
#3	.0135153	-.001145	21.06081	.1867354	.0826087	.2615126	316.4692

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.273695	13.76173	.1537695	-.029296	1.753672	.3629384	1.717454
Stddev	.019431	.05980	.0004037	.000608	.134574	.0031175	.025069
%RSD	.4546549	.4345663	.2625216	2.076016	7.673833	.8589517	1.459657

#1	4.263863	13.77342	.1536453	-.029203	1.613815	.3630109	1.746366
#2	4.261146	13.69695	.1542207	-.029946	1.882253	.3597853	1.701757
#3	4.296077	13.81483	.1534425	-.028740	1.764948	.3660190	1.704241

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.48849	1.156285	.3160023	.0354735	2.590870	33.63416	.0591436
Stddev	.04258	.002929	.0026879	.0006143	.008263	.14259	.0028601
%RSD	.3409391	.2533170	.8506045	1.731802	.3189172	.4239434	4.835906

#1	12.51924	1.154211	.3190796	.0347861	2.581670	33.50504	.0559557
#2	12.43989	1.159635	.3141135	.0356655	2.597661	33.78719	.0614847
#3	12.50633	1.155008	.3148139	.0359689	2.593278	33.61023	.0599905

Sample Name: M3843-20 Acquired: 01/05/2022 19:16:29 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EWY09 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.187178	.1229045	-.150103
Stddev	.001054	.0017120	.001136
%RSD	.0888026	1.392991	.7568125

#1	1.186422	.1234913	-.149319
#2	1.186729	.1209762	-.149583
#3	1.188382	.1242460	-.151406

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1382.306	43597.10	7335.814	1198.443	1881.921
Stddev	6.180	296.01	12.522	10.378	8.301
%RSD	.4470562	.6789565	.1707005	.8659527	.4410798

#1	1377.995	43297.69	7322.206	1190.951	1875.488
#2	1379.537	43889.58	7346.851	1194.090	1878.983
#3	1389.386	43604.03	7338.384	1210.288	1891.291

Sample Name: M3843-21 Acquired: 01/05/2022 19:20:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0767323	-.002618	1.073771	.0229752	.0016075	89.59004	.7981218
Stddev	.0087616	.002601	.002802	.0027885	.0033569	.69054	.0015198
%RSD	11.41839	99.36536	.2609889	12.13677	208.8216	.7707808	.1904253

#1	.0774424	-.003256	1.074515	.0199172	.0014121	88.81881	.7992934
#2	.0676372	-.004841	1.076126	.0253770	-.001647	90.15103	.7986675
#3	.0851172	.000243	1.070672	.0236316	.005058	89.80026	.7964044

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087545	-.000137	225.4476	.1321535	.0875659	.1819900	197.5043
Stddev	.0002371	.000102	.8036	.0002780	.0003772	.0030027	1.3224
%RSD	2.708595	74.57325	.3564485	.2103261	.4308091	1.649911	.6695803

#1	.0088714	-.000157	224.8227	.1319859	.0878863	.1792341	196.0086
#2	.0089105	-.000228	226.3541	.1320001	.0876612	.1815460	198.5186
#3	.0084816	-.000026	225.1660	.1324743	.0871501	.1851900	197.9856

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.247292	60.66401	.1796792	-.019605	1.476214	.2178680	.8974817
Stddev	.024474	.43123	.0012053	.000443	.092705	.0033439	.0021854
%RSD	.5762282	.7108509	.6708230	2.257652	6.279899	1.534842	.2435055

#1	4.219986	60.26604	.1796238	-.019666	1.391870	.2189363	.8964584
#2	4.267251	61.12217	.1809112	-.020014	1.461302	.2205473	.8959956
#3	4.254638	60.60381	.1785025	-.019135	1.575471	.2141204	.8999910

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.629543	.6139611	.1770797	.0120785	.3249309	47.31166	.0428838
Stddev	.156315	.0041587	.0018750	.0004818	.0021254	.15447	.0024788
%RSD	2.048811	.6773503	1.058860	3.988862	.6541091	.3265003	5.780345

#1	7.452645	.6175159	.1764513	.0126114	.3260815	47.25707	.0457439
#2	7.749051	.6093878	.1755995	.0116739	.3224783	47.48602	.0413579
#3	7.686932	.6149795	.1791882	.0119501	.3262329	47.19190	.0415494

Sample Name: M3843-21 Acquired: 01/05/2022 19:20:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY10 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9100885	.1148706	.1087231
Stddev	.0077423	.0016822	.0021832
%RSD	.8507144	1.464406	2.008027

#1	.9015445	.1157134	.1062027
#2	.9166392	.1159649	.1100279
#3	.9120818	.1129337	.1099386

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1379.843	43992.94	7504.595	1197.910	1790.879
Stddev	1.555	61.28	32.500	1.292	2.324
%RSD	.1126794	.1392869	.4330635	.1078958	.1297890

#1	1378.774	44055.85	7529.142	1196.900	1788.207
#2	1381.626	43989.53	7467.739	1199.367	1792.434
#3	1379.128	43933.44	7516.905	1197.464	1791.996

Sample Name: M3843-22 Acquired: 01/05/2022 19:24:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0905207	.0045294	1.265625	.0261989	.0042378	85.81105	.8318104
Stddev	.0105454	.0018535	.007155	.0056544	.0029945	1.19763	.0055535
%RSD	11.64970	40.92048	.5653362	21.58271	70.66107	1.395665	.6676368

#1	.0907268	.0054739	1.270665	.0327178	.0009204	87.18482	.8381539
#2	.0798737	.0057204	1.268774	.0232563	.0067410	84.98669	.8278256
#3	.1009615	.0023940	1.257435	.0226225	.0050520	85.26163	.8294517

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087909	.0011049	238.5989	.1269534	.0882977	.1911043	191.4975
Stddev	.0001584	.0001361	1.5824	.0002943	.0001406	.0050229	2.1575
%RSD	1.802309	12.31890	.6631937	.2318327	.1591758	2.628378	1.126635

#1	.0089421	.0009587	240.3918	.1268805	.0881400	.1968581	193.9882
#2	.0088045	.0011278	238.0072	.1272773	.0883433	.1875944	190.2945
#3	.0086261	.0012280	237.3976	.1267023	.0884097	.1888605	190.2097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.690297	21.65148	.1785062	-.019660	1.346658	.2225274	.9557443
Stddev	.037284	.19957	.0009151	.000577	.070440	.0023913	.0216577
%RSD	.7949185	.9217603	.5126588	2.932967	5.230753	1.074627	2.266057

#1	4.733181	21.87509	.1787416	-.019056	1.322100	.2252613	.9731848
#2	4.665569	21.49141	.1774964	-.019719	1.426090	.2214963	.9315022
#3	4.672141	21.58794	.1792806	-.020205	1.291784	.2208246	.9625461

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.805706	.6345634	.1871205	.0123628	.3977794	47.13145	.0269400
Stddev	.042530	.0012749	.0105862	.0004408	.0011422	.39758	.0011949
%RSD	.6249208	.2009150	5.657398	3.565808	.2871533	.8435523	4.435456

#1	6.781346	.6346505	.1975036	.0121295	.3969815	47.23567	.0257240
#2	6.854815	.6357926	.1763424	.0128713	.3990879	47.46654	.0269833
#3	6.780956	.6332472	.1875154	.0120876	.3972689	46.69215	.0281127

Sample Name: M3843-22 Acquired: 01/05/2022 19:24:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EWY11 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.026334	.0929414	.2946119
Stddev	.013408	.0011167	.0042574
%RSD	1.306444	1.201533	1.445100

#1	1.041817	.0916821	.2995141
#2	1.018586	.0938115	.2924806
#3	1.018599	.0933305	.2918411

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1388.758	44152.12	7576.468	1201.892	1809.981
Stddev	1.028	42.24	40.113	9.667	1.586
%RSD	.0739996	.0956791	.5294458	.8043324	.0876462

#1	1389.941	44152.94	7561.503	1204.938	1809.836
#2	1388.247	44193.95	7545.988	1209.670	1808.471
#3	1388.086	44109.47	7621.912	1191.069	1811.634

Sample Name: M4396-01 Acquired: 01/05/2022 19:28:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9S7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1321003	.0032239	5.197449	.0193528	.0095777	79.54746	1.406820
Stddev	.0067224	.0039746	.005291	.0020013	.0015091	.35865	.012116
%RSD	5.088880	123.2836	.1018056	10.34107	15.75673	.4508650	.8612516

#1	.1395830	-.001143	5.191422	.0172749	.0078450	79.95168	1.409475
#2	.1265707	.006630	5.199599	.0212674	.0106050	79.42335	1.417389
#3	.1301471	.004184	5.201328	.0195161	.0102831	79.26734	1.393597

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100649	.5596397	100.9311	.1494302	.0670839	.7024069	160.8516
Stddev	.0001622	.0008929	.5906	.0016045	.0002035	.0053251	.7761
%RSD	1.611710	.1595563	.5851078	1.073776	.3033407	.7581236	.4824702

#1	.0101655	.5590958	101.3925	.1492119	.0672834	.7075703	161.7398
#2	.0101515	.5591530	101.1354	.1511327	.0668767	.6969336	160.3043
#3	.0098778	.5606702	100.2656	.1479460	.0670917	.7027169	160.5109

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.729153	35.59015	.1772068	.0002431	2.014527	.2211044	^ *****
Stddev	.031494	.08234	.0002444	.0003420	.157610	.0030623	-----
%RSD	.4680189	.2313516	.1379098	140.7021	7.823689	1.384992	-----

#1	6.763510	35.67288	.1770753	.0005451	2.083000	.2200633	^ -----
#2	6.722296	35.50821	.1770564	-.000128	2.126319	.2186985	^ -----
#3	6.701652	35.58935	.1774888	.000312	1.834261	.2245515	^ -----

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.23312	.7611518	.1882364	.0083228	.7188136	55.70299	.0271288
Stddev	.11735	.0040962	.0043770	.0004166	.0035810	.43072	.0001930
%RSD	1.146809	.5381588	2.325260	5.005807	.4981792	.7732387	.7115048

#1	10.26929	.7644467	.1912369	.0086938	.7193345	55.53337	.0273511
#2	10.32814	.7565656	.1832139	.0078721	.7150007	56.19270	.0270319
#3	10.10194	.7624433	.1902582	.0084024	.7221055	55.38291	.0270035

Sample Name: M4396-01 Acquired: 01/05/2022 19:28:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9S7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.161679	.0546347	.0439903
Stddev	.005332	.0015062	.0004271
%RSD	.4589936	2.756849	.9708651

#1	1.167666	.0541381	.0444137
#2	1.157441	.0563265	.0435596
#3	1.159930	.0534396	.0439974

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1407.653	44256.59	7542.412	1223.035	1882.368
Stddev	2.609	324.62	43.194	28.017	3.310
%RSD	.1853669	.7334922	.5726836	2.290797	.1758619

#1	1407.770	43910.36	7492.653	1196.382	1883.875
#2	1410.202	44554.08	7564.333	1252.242	1884.656
#3	1404.987	44305.33	7570.250	1220.481	1878.572

Sample Name: M4396-02 Acquired: 01/05/2022 19:32:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9S8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0941911	-.002674	2.101586	.0279129	.0044232	71.75085
Stddev	.0034889	.000352	.004783	.0085431	.0030360	.46624
%RSD	3.704045	13.17547	.2275965	30.60619	68.63758	.6497978

#1	.0967125	-.002427	2.096306	.0229537	.0015808	71.31564
#2	.0956514	-.003077	2.105630	.0377775	.0076214	72.24290
#3	.0902093	-.002517	2.102822	.0230074	.0040673	71.69401

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.235884	.0096296	.5464570	168.6025	.1249941	.0654826
Stddev	.002320	.0002007	.0004937	.7507	.0004155	.0004025
%RSD	.1877485	2.084548	.0903497	.4452576	.3324131	.6145997

#1	1.233268	.0095374	.5458913	168.2533	.1251231	.0655195
#2	1.237694	.0098599	.5466788	169.4642	.1245294	.0650630
#3	1.236689	.0094916	.5468009	168.0900	.1253298	.0658653

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3713933	149.5232	5.196195	76.62772	.1447557	-.012211
Stddev	.0054706	1.1225	.031832	.46090	.0003847	.000200
%RSD	1.472997	.7507259	.6126007	.6014802	.2657234	1.637653

#1	.3650765	148.4081	5.164557	76.32350	.1447342	-.012008
#2	.3745891	150.6530	5.228218	77.15801	.1451506	-.012217
#3	.3745142	149.5087	5.195810	76.40166	.1443822	-.012408

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.633531	.2240148	F 40.88730	8.623718	.5588631	.1711945
Stddev	.377577	.0047615	.52230	.073804	.0017164	.0048078
%RSD	23.11416	2.125537	1.277418	.8558225	.3071240	2.808381

#1	1.702323	.2189138	40.72056	8.567942	.5569771	.1656517
#2	1.971983	.2283421	40.46873	8.595804	.5592784	.1736971
#3	1.226288	.2247886	41.47262	8.707407	.5603337	.1742348

Sample Name: M4396-02 Acquired: 01/05/2022 19:32:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9S8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069210	1.292949	57.92847	.0160810	1.173831	.0606303
Stddev	.0004184	.001733	.99529	.0019510	.013262	.0019378
%RSD	6.045778	.1340702	1.718140	12.13213	1.129778	3.196154

#1	.0070484	1.293676	58.08028	.0183168	1.160027	.0623350
#2	.0064537	1.290971	58.83913	.0152016	1.186475	.0585227
#3	.0072610	1.294202	56.86599	.0147245	1.174990	.0610332

Elem	Sr4077
Units	ppm
Avg	.0328446
Stddev	.0001337
%RSD	.4071798

#1	.0327153
#2	.0329823
#3	.0328362

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.507	43670.64	7383.273	1195.882	1820.148
Stddev	1.399	72.94	110.154	6.405	1.156
%RSD	.1013417	.1670123	1.491939	.5355707	.0634923

#1	1380.165	43754.06	7366.052	1188.609	1820.280
#2	1382.045	43618.90	7282.743	1200.678	1821.232
#3	1379.311	43638.97	7501.023	1198.361	1818.932

Sample Name: M4396-03 Acquired: 01/05/2022 19:36:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9S9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0614773	-.000095	.4260045	.0215513	.0028443	53.55660	1.190965
Stddev	.0182857	.004165	.0045112	.0077940	.0018840	.35720	.001553
%RSD	29.74384	4374.820	1.058947	36.16486	66.23759	.6669620	.1304319

#1	.0612825	.002118	.4302252	.0158229	.0007636	53.14713	1.189629
#2	.0432898	-.004900	.4265379	.0184042	.0044346	53.71837	1.190595
#3	.0798597	.002496	.4212503	.0304268	.0033348	53.80429	1.192669

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052989	.0779670	257.8556	.0923014	.0743454	.1214704	104.1552
Stddev	.0000795	.0004250	.6094	.0005786	.0003054	.0036947	.4732
%RSD	1.500909	.5450863	.2363469	.6268483	.4107965	3.041636	.4542853

#1	.0053206	.0781602	257.1700	.0920624	.0744118	.1208303	103.6217
#2	.0053654	.0782611	258.0610	.0929612	.0740123	.1254434	104.3194
#3	.0052108	.0774798	258.3357	.0918806	.0746122	.1181377	104.5243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.533481	130.0183	.0908150	-.011006	1.765982	.2029389	6.328805
Stddev	.027139	.7232	.0001932	.000216	.091985	.0019498	.047530
%RSD	.3602418	.5562333	.2127881	1.959979	5.208699	.9608035	.7510067

#1	7.502303	129.1838	.0909088	-.010779	1.858639	.2027607	6.276399
#2	7.551805	130.4607	.0905928	-.011209	1.764622	.2049717	6.340895
#3	7.546334	130.4106	.0909435	-.011029	1.674685	.2010842	6.369123

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.148183	.2819731	.0971412	.0058759	.3209640	54.09826	.0098968
Stddev	.065305	.0001397	.0010543	.0001157	.0019864	.14251	.0028821
%RSD	1.268498	.0495509	1.085326	1.968908	.6188841	.2634302	29.12185

#1	5.075091	.2819556	.0969906	.0057448	.3193738	54.06596	.0092677
#2	5.200788	.2818429	.0961703	.0059192	.3231906	53.97467	.0073812
#3	5.168668	.2821207	.0982627	.0059637	.3203276	54.25415	.0130415

Sample Name: M4396-03 Acquired: 01/05/2022 19:36:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9S9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8973175	.0513096	.0822164
Stddev	.0071483	.0006760	.0016194
%RSD	.7966309	1.317497	1.969709

#1	.8890662	.0519993	.0803479
#2	.9012552	.0512811	.0832146
#3	.9016311	.0506482	.0830867

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1318.263	41695.26	7180.488	1141.941	1760.454
Stddev	.864	212.23	36.675	10.269	3.785
%RSD	.0655059	.5089910	.5107600	.8992294	.2149737

#1	1318.543	41920.36	7211.183	1148.243	1760.664
#2	1318.951	41498.83	7190.407	1147.489	1756.569
#3	1317.294	41666.58	7139.873	1130.092	1764.129

Sample Name: M4396-04 Acquired: 01/05/2022 19:40:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0851273	-.005455	.3156274	.0230484	.0004498	102.5304	1.357423
Stddev	.0081230	.005055	.0050320	.0041161	.0034599	1.1191	.008938
%RSD	9.542148	92.66394	1.594280	17.85871	769.2358	1.091457	.6584884

#1	.0877626	-.002583	.3147655	.0247669	-.002828	103.7570	1.367593
#2	.0760139	-.011292	.3110821	.0260268	.004067	102.2690	1.353865
#3	.0916055	-.002490	.3210347	.0183515	.000111	101.5651	1.350812

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083635	.0187766	140.0646	.1527960	.0802245	.1110905	172.9446
Stddev	.0001073	.0001043	.7879	.0004120	.0006460	.0009806	1.6403
%RSD	1.282434	.5554225	.5625570	.2696507	.8052500	.8826910	.9484577

#1	.0084811	.0186563	140.9712	.1532528	.0797335	.1122088	174.7750
#2	.0082712	.0188320	139.6769	.1526826	.0809563	.1103780	172.4508
#3	.0083381	.0188415	139.5455	.1524525	.0799837	.1106846	171.6079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.654704	68.56324	.1382640	-.017701	1.312543	.3026034	2.646485
Stddev	.036948	.64413	.0013853	.000225	.082415	.0034768	.003803
%RSD	.5552160	.9394705	1.001897	1.269230	6.279009	1.148952	.1436845

#1	6.696651	69.29184	.1379446	-.017518	1.381188	.3062975	2.650822
#2	6.640474	68.32838	.1370664	-.017951	1.335300	.2993950	2.644909
#3	6.626986	68.06949	.1397811	-.017632	1.221141	.3021177	2.643724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.470879	.2664476	.1573219	.0038335	.1862461	59.64611	.0080834
Stddev	.125076	.0034871	.0034971	.0001831	.0016629	.33324	.0019930
%RSD	1.932901	1.308730	2.222875	4.776552	.8928245	.5586992	24.65515

#1	6.579765	.2665888	.1599752	.0039574	.1843344	60.02580	.0062028
#2	6.498606	.2628921	.1586315	.0039201	.1870467	59.40216	.0101724
#3	6.334267	.2698620	.1533591	.0036232	.1873572	59.51037	.0078751

Sample Name: M4396-04 Acquired: 01/05/2022 19:40:33 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9T0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.123650	.0776117	.0022676
Stddev	.013634	.0008184	.0013730
%RSD	1.213395	1.054454	60.54739

#1	1.139136	.0774346	.0028242
#2	1.118363	.0768963	.0032750
#3	1.113451	.0785041	.0007037

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1362.681	42905.45	7243.062	1181.482	1822.009
Stddev	9.180	210.67	9.357	7.443	12.602
%RSD	.6736655	.4910052	.1291830	.6299948	.6916542

#1	1367.073	43148.09	7234.661	1190.059	1825.143
#2	1368.841	42769.10	7241.378	1176.715	1832.748
#3	1352.131	42799.18	7253.146	1177.672	1808.136

Sample Name: M4396-05 Acquired: 01/05/2022 19:44:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1307737	.0013617	3.907636	.0203578	.0006898	79.80828
Stddev	.0084209	.0083706	.009503	.0046909	.0032280	.22850
%RSD	6.439280	614.7014	.2431858	23.04251	467.9979	.2863150

#1	.1386386	-.003533	3.901306	.0250815	.0012516	79.66619
#2	.1218896	-.003408	3.903039	.0157003	.0035999	79.68678
#3	.1317930	.011027	3.918563	.0202916	-.002782	80.07186

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.489023	.0104214	.5422072	81.01616	.1589364	.1139696
Stddev	.001637	.0001458	.0017801	.08512	.0004631	.0004266
%RSD	.1099642	1.399548	.3283004	.1050619	.2913860	.3743407

#1	1.489155	.0102809	.5412950	80.99311	.1584020	.1139292
#2	1.487324	.0105720	.5410682	80.94495	.1591864	.1135646
#3	1.490591	.0104113	.5442585	81.11043	.1592208	.1144150

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6424744	171.0797	9.310648	29.32778	.2041632	-.004370
Stddev	.0034886	.2785	.008987	.10225	.0004054	.000152
%RSD	.5429873	.1627856	.0965262	.3486458	.1985760	3.485976

#1	.6463011	170.8941	9.307797	29.24232	.2039459	-.004286
#2	.6416505	170.9451	9.303432	29.29996	.2039129	-.004546
#3	.6394715	171.3999	9.320715	29.44106	.2046310	-.004278

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.626990	.2516092	F 44.15161	9.923285	.7791531	.1859039
Stddev	.303276	.0040689	.31915	.076287	.0032051	.0007003
%RSD	18.64031	1.617144	.7228404	.7687686	.4113566	.3767098

#1	1.276798	.2482136	44.47439	9.847352	.7790631	.1867120
#2	1.802600	.2504949	43.83622	9.922584	.7759940	.1854725
#3	1.801572	.2561192	44.14422	9.999921	.7824023	.1855273

Sample Name: M4396-05 Acquired: 01/05/2022 19:44:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075830	.5917487	56.53823	.0219498	1.100165	.0582236
Stddev	.0006296	.0025921	.40342	.0042317	.001917	.0011824
%RSD	8.302903	.4380393	.7135326	19.27916	.1742495	2.030793

#1	.0082154	.5897462	56.08684	.0254261	1.099535	.0586862
#2	.0069562	.5908234	56.86359	.0172378	1.098643	.0568799
#3	.0075775	.5946764	56.66425	.0231855	1.102318	.0591048

Elem	Sr4077
Units	ppm
Avg	.0151310
Stddev	.0009384
%RSD	6.201803

#1	.0143031
#2	.0161503
#3	.0149396

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1409.860	44097.83	7503.522	1212.461	1883.128
Stddev	4.340	170.56	29.446	6.245	4.794
%RSD	.3078279	.3867839	.3924287	.5150602	.2545661

#1	1411.543	43925.38	7524.930	1205.252	1885.764
#2	1413.106	44266.44	7469.941	1215.898	1886.025
#3	1404.930	44101.65	7515.694	1216.232	1877.594

Sample Name: M4396-06 Acquired: 01/05/2022 19:48:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1794351	.0021970	4.370848	.0198051	.0014544	74.68052	1.405113
Stddev	.0099857	.0069162	.017725	.0040263	.0017466	.50760	.000532
%RSD	5.565076	314.8105	.4055211	20.32946	120.0954	.6797017	.0378310

#1	.1793467	-.002527	4.351764	.0167104	.0002528	75.17052	1.404523
#2	.1894648	.010135	4.373986	.0243571	.0006524	74.71406	1.405554
#3	.1694940	-.001018	4.386795	.0183478	.0034580	74.15697	1.405263

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127583	.3110077	172.7892	.1833555	.0764727	.4997701	182.1423
Stddev	.0000619	.0012498	.9834	.0026873	.0007128	.0035666	1.4928
%RSD	.4854732	.4018556	.5691067	1.465628	.9320611	.7136435	.8195891

#1	.0128297	.3099624	173.3887	.1862760	.0760157	.5016733	183.2799
#2	.0127256	.3106687	173.3246	.1828032	.0761084	.5019814	182.6950
#3	.0127195	.3123920	171.6543	.1809872	.0772940	.4956556	180.4519

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.121268	67.11907	.1546368	-.013886	1.876648	.2401026	25.65811
Stddev	.049863	.57020	.0003398	.000388	.031433	.0031919	.18922
%RSD	.8145908	.8495282	.2197394	2.796786	1.674936	1.329373	.7374772

#1	6.160415	67.56149	.1549778	-.013524	1.907975	.2429040	25.83859
#2	6.138259	67.32015	.1542982	-.013837	1.876857	.2407761	25.67453
#3	6.065130	66.47558	.1546346	-.014296	1.845111	.2366278	25.46121

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.47641	1.111554	.2075134	.0074379	.8118197	56.11377	.0398474
Stddev	.14809	.010516	.0039769	.0000291	.0080161	.59382	.0031359
%RSD	1.413545	.9460886	1.916466	.3917760	.9874220	1.058246	7.869711

#1	10.58059	1.103641	.2079032	.0074107	.8025975	56.45807	.0368151
#2	10.54175	1.107532	.2112810	.0074686	.8157445	56.45515	.0396495
#3	10.30689	1.123487	.2033559	.0074343	.8171171	55.42808	.0430775

Sample Name: M4396-06 Acquired: 01/05/2022 19:48:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.114485	.0630414	.0536938
Stddev	.007944	.0009206	.0019761
%RSD	.7127777	1.460322	3.680303

#1	1.120586	.0625799	.0559753
#2	1.117367	.0624429	.0525236
#3	1.105503	.0641015	.0525824

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1376.905	43594.68	7439.263	1197.901	1790.904
Stddev	4.706	253.68	40.614	7.582	6.185
%RSD	.3418086	.5819121	.5459428	.6329516	.3453703

#1	1380.082	43310.72	7405.769	1189.157	1794.332
#2	1379.135	43798.95	7427.583	1201.902	1794.616
#3	1371.498	43674.37	7484.438	1202.646	1783.764

Sample Name: M4396-07 Acquired: 01/05/2022 19:52:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0820396	.0050245	1.050825	.0253936	-.001434	72.63081	1.806405
Stddev	.0099539	.0055853	.003379	.0065763	.001540	.35734	.019896
%RSD	12.13305	111.1620	.3215109	25.89765	107.3873	.4919912	1.101388

#1	.0814455	.0091430	1.049302	.0214000	-.001021	72.98754	1.829340
#2	.0922772	.0072634	1.048476	.0329839	-.003138	72.27287	1.793787
#3	.0723960	-.001333	1.054697	.0217969	-.000142	72.63201	1.796089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084021	.1178687	30.46760	.1300307	.1012587	.1666361	151.3560
Stddev	.0000798	.0007470	.21841	.0013586	.0002471	.0021887	.6121
%RSD	.9499686	.6337784	.7168744	1.044796	.2439960	1.313447	.4044018

#1	.0084941	.1172564	30.70324	.1285539	.1012656	.1641248	151.9907
#2	.0083512	.1176486	30.27194	.1303106	.1010082	.1676467	150.7694
#3	.0083611	.1187010	30.42761	.1312274	.1015022	.1681370	151.3079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.44105	16.51792	.1350095	-.015751	1.537273	.2842050	10.62435
Stddev	.08406	.18969	.0014241	.000407	.077605	.0070824	.09561
%RSD	.6756861	1.148407	1.054817	2.581969	5.048196	2.492015	.8999314

#1	12.53031	16.71362	.1333993	-.015282	1.457884	.2923650	10.64459
#2	12.36339	16.33487	.1355257	-.015963	1.612961	.2796532	10.52024
#3	12.42945	16.50527	.1361036	-.016008	1.540975	.2805969	10.70823

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.981244	.6715292	.1533297	.0062747	.2341024	59.28895	.0232305
Stddev	.088747	.0065545	.0022224	.0001990	.0036793	.38204	.0015053
%RSD	1.111942	.9760621	1.449453	3.171597	1.571667	.6443664	6.479614

#1	7.885510	.6639838	.1551990	.0061106	.2298541	58.88043	.0237222
#2	7.997454	.6747908	.1508724	.0062174	.2362588	59.63739	.0215409
#3	8.060769	.6758131	.1539178	.0064961	.2361944	59.34902	.0244284

Sample Name: M4396-07 Acquired: 01/05/2022 19:52:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.007734	.0605416	-.018774
Stddev	.006436	.0014896	.001050
%RSD	.6386302	2.460510	5.591983

#1	1.015056	.0621430	-.019984
#2	1.002974	.0602847	-.018099
#3	1.005171	.0591972	-.018240

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1375.832	42849.32	7290.879	1194.247	1880.328
Stddev	5.199	269.93	29.042	11.300	5.761
%RSD	.3778549	.6299444	.3983331	.9461759	.3064034

#1	1379.256	42901.85	7313.546	1196.211	1882.893
#2	1369.850	43089.13	7300.948	1204.437	1873.729
#3	1378.390	42556.99	7258.142	1182.094	1884.361

Sample Name: M4396-08 Acquired: 01/05/2022 19:56:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0596778	-.003805	.5980578	.0223169	.0004912	84.86098	1.589973
Stddev	.0167837	.005810	.0021176	.0032482	.0035392	.81815	.009251
%RSD	28.12380	152.7080	.3540766	14.55490	720.5327	.9641023	.5818273

#1	.0696133	-.007977	.5959588	.0186265	.0028262	84.07565	1.581737
#2	.0402998	-.006269	.5980212	.0235823	-.003581	84.79889	1.588201
#3	.0691202	.002831	.6001935	.0247420	.002228	85.70840	1.599982

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073412	.0658776	28.12299	.1382812	.1159944	.1353799	141.7210
Stddev	.0001315	.0002449	.19141	.0012585	.0003578	.0031157	.9011
%RSD	1.790767	.3717201	.6806231	.9101268	.3084482	2.301480	.6358395

#1	.0074779	.0657434	27.92994	.1368280	.1162953	.1373725	140.8913
#2	.0072157	.0661603	28.12631	.1390170	.1155988	.1317893	141.5922
#3	.0073300	.0657292	28.31272	.1389986	.1160890	.1369777	142.6797

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.679633	17.49613	.1132065	-.014434	1.361947	.2638808	6.756943
Stddev	.036400	.14151	.0003304	.000361	.213824	.0015635	.007566
%RSD	.5449440	.8088095	.2918858	2.498759	15.69988	.5924978	.1119693

#1	6.644519	17.38508	.1128559	-.014293	1.587502	.2648913	6.749728
#2	6.677183	17.44784	.1135122	-.014166	1.336143	.2620799	6.764817
#3	6.717196	17.65546	.1132515	-.014844	1.162196	.2646711	6.756284

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.826648	.4831712	.1382310	.0040899	.1677138	61.54732	.0115097
Stddev	.080065	.0012346	.0014812	.0005560	.0013214	.68092	.0013214
%RSD	1.172827	.2555259	1.071500	13.59438	.7878846	1.106342	11.48059

#1	6.759318	.4817459	.1391712	.0041741	.1662483	60.77505	.0127098
#2	6.805445	.4838558	.1365237	.0034967	.1680787	61.80559	.0100936
#3	6.915180	.4839119	.1389982	.0045991	.1688145	62.06133	.0117257

Sample Name: M4396-08 Acquired: 01/05/2022 19:56:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.182792	.0652523	-.009218
Stddev	.013577	.0012395	.000778
%RSD	1.147908	1.899582	8.442102

#1	1.170042	.0639072	-.009998
#2	1.181266	.0655014	-.009213
#3	1.197068	.0663484	-.008442

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1338.797	41537.83	7046.245	1153.332	1852.410
Stddev	2.732	34.39	47.461	1.339	7.378
%RSD	.2040374	.0827923	.6735712	.1160679	.3983147

#1	1341.868	41513.81	7100.145	1152.811	1860.818
#2	1337.884	41577.23	7027.880	1154.852	1847.014
#3	1336.638	41522.46	7010.710	1152.331	1849.397

Sample Name: M4396-09 Acquired: 01/05/2022 20:00:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3677695	.0071647	3.699623	.0213070	.0050459	74.36739
Stddev	.0195737	.0057486	.003313	.0033932	.0015621	.61929
%RSD	5.322285	80.23483	.0895588	15.92506	30.95755	.8327439

#1	.3838769	.0121698	3.695799	.0233912	.0049671	73.66108
#2	.3459846	.0008862	3.701659	.0231382	.0035246	74.62382
#3	.3734468	.0084382	3.701409	.0173917	.0066458	74.81728

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.513041	.0098941	.4612479	132.3898	.2387152	.0790926
Stddev	.010862	.0002431	.0014806	.4774	.0012551	.0003149
%RSD	.7178961	2.456797	.3209880	.3606360	.5257757	.3981911

#1	1.503169	.0101130	.4596880	131.8387	.2395826	.0788606
#2	1.511278	.0099367	.4626337	132.6522	.2372760	.0794511
#3	1.524677	.0096325	.4614222	132.6785	.2392869	.0789660

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.000485	165.4000	7.469208	42.73858	.1879451	-.007488
Stddev	.006321	.8720	.034593	.31675	.0010421	.001084
%RSD	.6318421	.5272365	.4631445	.7411430	.5544452	14.48130

#1	.998398	164.4948	7.444909	42.40841	.1868386	-.006765
#2	1.007585	166.2347	7.508814	43.03996	.1889077	-.008735
#3	.995470	165.4705	7.453902	42.76737	.1880891	-.006964

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.699395	.2353507	F 41.31307	11.96872	1.174015	.1869772
Stddev	.183603	.0035548	.29531	.04986	.005378	.0016622
%RSD	10.80401	1.510419	.7147982	.4166149	.4581137	.8889925

#1	1.903028	.2336458	41.20707	11.98202	1.168055	.1857815
#2	1.546489	.2329695	41.08540	12.01059	1.178508	.1862746
#3	1.648667	.2394368	41.64675	11.91356	1.175480	.1888753

Sample Name: M4396-09 Acquired: 01/05/2022 20:00:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078051	.6829287	57.38259	.0246261	1.005394	.0588036
Stddev	.0003231	.0035396	.84241	.0024308	.005121	.0020599
%RSD	4.139852	.5182932	1.468052	9.870753	.5093682	3.503068
#1	.0080298	.6824873	57.74573	.0218343	.999481	.0580551
#2	.0074348	.6866683	57.98253	.0257706	1.008396	.0572226
#3	.0079508	.6796306	56.41952	.0262734	1.008304	.0611331

Elem	Sr4077
Units	ppm
Avg	.0908671
Stddev	.0016707
%RSD	1.838606
#1	.0894748
#2	.0927197
#3	.0904068

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1345.385	42012.29	7167.345	1167.458	1802.974
Stddev	.930	287.24	62.678	6.361	1.341
%RSD	.0691259	.6836928	.8744881	.5448904	.0743563
#1	1344.315	42277.63	7168.223	1173.134	1803.451
#2	1346.001	42051.95	7104.233	1168.658	1801.460
#3	1345.840	41707.29	7229.579	1160.583	1804.011

Sample Name: M4396-10 Acquired: 01/05/2022 20:04:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3479784	-.003387	3.970161	.0286068	.0029269	74.08141
Stddev	.0185263	.009295	.001172	.0007814	.0046674	.63031
%RSD	5.323980	274.4275	.0295163	2.731614	159.4684	.8508317

#1	.3627063	.001770	3.971474	.0293481	.0002378	73.35630
#2	.3271779	.002186	3.969220	.0277906	.0083163	74.49827
#3	.3540509	-.014118	3.969790	.0286817	.0002264	74.38966

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.628704	.0100425	.5330241	146.5812	.2185998	.0896843
Stddev	.008437	.0000932	.0007351	.9794	.0014490	.0003354
%RSD	.5180354	.9282684	.1379212	.6681612	.6628456	.3740026

#1	1.618976	.0100389	.5322106	145.4723	.2193533	.0900555
#2	1.633111	.0099512	.5336409	146.9432	.2195168	.0895945
#3	1.634026	.0101375	.5332208	147.3280	.2169293	.0894029

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9916388	171.6350	10.23616	52.75815	.2116501	-.006771
Stddev	.0087660	1.3379	.06373	.50989	.0009641	.000371
%RSD	.8839964	.7794835	.6226306	.9664662	.4555299	5.478370

#1	.9825013	170.1020	10.16275	52.16961	.2109541	-.006830
#2	.9999790	172.2366	10.26834	53.03803	.2127506	-.006374
#3	.9924361	172.5665	10.27739	53.06680	.2112456	-.007108

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.876786	.2271064	F 45.26120	12.06178	1.268861	.1974604
Stddev	.287253	.0027447	.47607	.16615	.005079	.0023890
%RSD	15.30557	1.208555	1.051824	1.377510	.4002534	1.209860

#1	1.583602	.2260735	44.87889	11.88903	1.263367	.1947055
#2	2.157716	.2302177	45.79444	12.07588	1.273384	.1989614
#3	1.889039	.2250280	45.11029	12.22043	1.269834	.1987143

Sample Name: M4396-10 Acquired: 01/05/2022 20:04:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085325	.6578870	59.59313	.0272113	.9681758	.0597483
Stddev	.0000593	.0026223	.87973	.0009086	.0092974	.0005250
%RSD	.6955643	.3985936	1.476230	3.338926	.9602993	.8786222

#1	.0085162	.6552675	59.00393	.0272785	.9575024	.0594244
#2	.0084829	.6605121	59.17109	.0262710	.9745130	.0594666
#3	.0085982	.6578815	60.60436	.0280844	.9725119	.0603540

Elem	Sr4077
Units	ppm
Avg	.0864708
Stddev	.0013067
%RSD	1.511180

#1	.0850875
#2	.0866406
#3	.0876844

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1334.199	41741.91	7153.186	1153.538	1771.303
Stddev	2.140	194.93	79.296	7.551	1.893
%RSD	.1604079	.4669949	1.108540	.6545939	.1068536

#1	1333.709	41579.71	7218.275	1161.399	1770.136
#2	1332.346	41687.85	7176.412	1152.875	1770.287
#3	1336.541	41958.17	7064.870	1146.341	1773.487

Sample Name: CCV004 Acquired: 01/05/2022 20:08:24 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCV004 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.829558	4.825315	23.91744	4.722691	4.520356	378.9099
Stddev	.044153	.007747	.04197	.015007	.011436	2.7309
%RSD	.9142268	.1605589	.1754748	.3177584	.2529854	.7207271

#1	4.880301	4.818036	23.88119	4.707895	4.507859	379.7444
#2	4.799904	4.824450	23.96342	4.737900	4.530299	381.1261
#3	4.808468	4.833458	23.90770	4.722278	4.522910	375.8590

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.552626	.4982954	2.407951	391.4779	14.99122	2.466159
Stddev	.044569	.0012515	.001535	1.5644	.02707	.004279
%RSD	.4665630	.2511589	.0637636	.3996058	.1806014	.1735143

#1	9.583264	.4978848	2.406324	391.7409	15.01935	2.461430
#2	9.573118	.4997006	2.408154	392.8941	14.98896	2.467282
#3	9.501497	.4973007	2.409374	389.7987	14.96534	2.469765

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.26993	383.5770	14.51714	385.0134	2.317458	1.260742
Stddev	.12907	2.8024	.07958	2.3059	.002252	.002524
%RSD	.9044815	.7305944	.5482041	.5989173	.0971721	.2001972

#1	14.27660	384.0403	14.51516	385.8034	2.315511	1.258690
#2	14.39553	386.1189	14.59769	386.8204	2.319924	1.263560
#3	14.13765	380.5718	14.43856	382.4162	2.316938	1.259975

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	388.0588	2.341304	14.57313	145.7172	F 5.829015	5.158212
Stddev	2.2656	.021064	.16215	1.1909	.003893	.025258
%RSD	.5838332	.8996551	1.112668	.8172785	.0667826	.4896677

#1	388.9270	2.348456	14.55281	145.9090	5.825829	5.143126
#2	389.7620	2.357861	14.74448	146.8005	5.827862	5.187371
#3	385.4875	2.317596	14.42209	144.4420	5.833354	5.144138

Sample Name: CCV004 Acquired: 01/05/2022 20:08:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.670308	5.055861	5.000653	4.789008	4.754250	4.931223
Stddev	.008751	.001431	.008978	.007311	.029472	.005637
%RSD	.1873812	.0283032	.1795323	.1526605	.6198984	.1143066
#1	4.662226	5.055495	4.992628	4.796970	4.757188	4.929529
#2	4.669097	5.057440	5.010349	4.787457	4.782143	4.937512
#3	4.679602	5.054649	4.998982	4.782597	4.723420	4.926627

Elem	Sr4077
Units	ppm
Avg	F 4.482577
Stddev	.041255
%RSD	.9203489
#1	4.486765
#2	4.521578
#3	4.439387

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1053.840	35380.61	6228.841	926.6117	1477.451
Stddev	2.051	62.02	26.744	2.1273	2.431
%RSD	.1945818	.1752942	.4293600	.2295744	.1645689
#1	1056.177	35374.48	6235.900	925.8889	1480.138
#2	1053.000	35321.89	6199.275	924.9400	1475.402
#3	1052.342	35445.47	6251.347	929.0062	1476.813

Sample Name: CCB004 Acquired: 01/05/2022 20:12:13 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005868	.0028282	.0020745	-.004995	-.000966	.0159749	.0017660
Stddev	.003062	.0035121	.0041672	.006177	.003538	.0120975	.0003349
%RSD	52.17146	124.1819	200.8746	123.6447	366.4120	75.72828	18.96567

#1	-.002547	.0002390	-.002610	-.005039	.000546	.0144505	.0021518
#2	-.006480	.0014197	.005370	.001203	-.005009	.0287623	.0015500
#3	-.008578	.0068259	.003463	-.011150	.001566	.0047118	.0015961

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000801	.0000208	-.003926	.0001541	.0001798	-.000733	.0063461
Stddev	.0000223	.0000925	.020364	.0006555	.0003647	.003196	.0035444
%RSD	27.89614	444.5826	518.6645	425.3016	202.8051	436.1586	55.85161

#1	.0001055	.0000969	.012075	.0009086	.0005593	-.004199	.0102376
#2	.0000715	-.000082	.002995	-.000276	-.000168	.002099	.0054979
#3	.0000634	.000048	-.026849	-.000170	.000148	-.000099	.0033028

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006344	.0201888	.0003148	-.000858	.4398645	.0005445	.0021373
Stddev	.0004415	.0340219	.0005879	.000300	.1201351	.0007990	.0043497
%RSD	69.58749	168.5185	186.7633	34.91507	27.31184	146.7230	203.5124

#1	.0002701	-.018273	.0002147	-.000856	.5096676	.0003034	-.000648
#2	.0005078	.032491	-.000217	-.000560	.3011454	.0014363	.007150
#3	.0011253	.046348	.000946	-.001159	.5087806	-.000106	-.000090

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.194491	-.000908	-.003850	.0007675	-.000437	.0005716	-.001175
Stddev	.118472	.000100	.000465	.0003071	.000409	.0005119	.002445
%RSD	60.91408	11.01030	12.06906	40.00549	93.59320	89.54821	208.0083

#1	-.331290	-.000822	-.003638	.0009242	.000024	.0011585	.001634
#2	-.126283	-.000884	-.003529	.0004138	-.000580	.0003393	-.002342
#3	-.125899	-.001018	-.004383	.0009647	-.000754	.0002171	-.002818

Sample Name: CCB004 Acquired: 01/05/2022 20:12:13 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB004 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000323	-.000685	.0000330
Stddev	.001108	.000953	.0000438
%RSD	343.4754	139.1910	132.8176

#1	-.001473	.000276	.0000811
#2	.000738	-.000700	-.000004
#3	-.000232	-.001630	.000022

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1286.547	39407.44	6675.083	1089.343	2008.717
Stddev	3.995	310.08	28.289	4.916	4.469
%RSD	.3105103	.7868498	.4238007	.4512542	.2224957

#1	1281.941	39449.79	6646.625	1088.576	2006.480
#2	1288.630	39078.36	6675.425	1094.597	2013.863
#3	1289.069	39694.16	6703.200	1084.855	2005.807

Sample Name: PB140332BL Acquired: 01/05/2022 20:16:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS332 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005403	.0041648	-.001168	.0016246	-.001752	-.000522	.0018959
Stddev	.005174	.0053914	.002052	.0051450	.001510	.010726	.0004805
%RSD	95.76424	129.4534	175.7013	316.6947	86.15450	2055.573	25.34286

#1	-.009803	-.002041	-.002918	.0032016	-.003403	-.012683	.0013482
#2	-.006702	.006843	-.001675	-.004124	-.000440	.007589	.0020929
#3	.000297	.007693	.001090	.005797	-.001414	.003529	.0022465

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000721	.0000289	.0008947	-.000054	-.000417	-.004066	.0072048
Stddev	.0000869	.0000839	.0119133	.000178	.000023	.000964	.0131089
%RSD	120.4544	290.3149	1331.548	332.2911	5.465855	23.71222	181.9476

#1	.0000071	-.000058	-.000605	-.000125	-.000444	-.004464	-.007081
#2	.0000385	.000035	-.010198	.000149	-.000404	-.002966	.010014
#3	.0001708	.000110	.013487	-.000186	-.000404	-.004767	.018682

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000421	.0110062	.0003781	-.001119	.5127323	-.003584	.0020875
Stddev	.000570	.0309372	.0000665	.000117	.2310463	.003589	.0050968
%RSD	135.4539	281.0886	17.58631	10.47181	45.06178	100.1581	244.1526

#1	.000072	.0025640	.0003334	-.001058	.7149833	-.007448	-.000502
#2	-.001044	.0452882	.0003464	-.001254	.2609307	-.000354	.007959
#3	-.000290	-.014834	.0004545	-.001045	.5622829	-.002950	-.001195

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.257582	-.000847	-.008468	.0005114	.0003385	-.000299	-.000022
Stddev	.047279	.000296	.000320	.0001469	.0001954	.000628	.001979
%RSD	18.35488	34.91798	3.777044	28.72505	57.72232	210.3199	9207.779

#1	-.293565	-.000871	-.008678	.0006083	.0002560	.000267	.001406
#2	-.275147	-.000540	-.008627	.0003424	.0005615	-.000974	.000811
#3	-.204035	-.001130	-.008100	.0005834	.0001978	-.000188	-.002281

Sample Name: PB140332BL Acquired: 01/05/2022 20:16:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS332 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003653	-.002795	.0000781
Stddev	.0010468	.000770	.0001567
%RSD	286.5702	27.55326	200.7400

#1	.0015072	-.002248	.0002334
#2	.0001375	-.003676	.0000809
#3	-.000549	-.002462	-.000080

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1290.752	39434.65	6647.608	1095.285	2017.285
Stddev	1.252	389.16	28.010	16.333	3.294
%RSD	.0970125	.9868413	.4213613	1.491168	.1633009

#1	1292.054	39797.63	6646.725	1097.364	2019.190
#2	1289.557	39023.75	6620.050	1078.013	2019.184
#3	1290.643	39482.56	6676.050	1110.479	2013.481

Sample Name: PB140332BS Acquired: 01/05/2022 20:25:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS332 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219580	.0527610	.0173764	.0656595	.1102300	.3783720
Stddev	.0063471	.0036367	.0024231	.0110097	.0025830	.0060983
%RSD	28.90570	6.892749	13.94459	16.76785	2.343277	1.611723

#1	.0222838	.0509437	.0154675	.0590724	.1132126	.3779710
#2	.0154543	.0569481	.0165592	.0783696	.1087425	.3724841
#3	.0281360	.0503911	.0201024	.0595366	.1087350	.3846609

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3844136	.0107706	.0102646	10.09582	.0208214	.0971696
Stddev	.0012000	.0001411	.0001359	.03476	.0003832	.0006282
%RSD	.3121505	1.309717	1.323570	.3443156	1.840191	.6464984

#1	.3857946	.0108306	.0103941	10.13148	.0205729	.0974635
#2	.3838207	.0108717	.0101232	10.06204	.0206286	.0964483
#3	.3836255	.0106095	.0102764	10.09395	.0212626	.0975970

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0487364	.2161031	.0312143	9.794206	.0758537	.0196626
Stddev	.0014130	.0103544	.0005771	.005610	.0002796	.0002980
%RSD	2.899314	4.791420	1.848757	.0572771	.3686442	1.515408

#1	.0484669	.2232463	.0317167	9.787728	.0759149	.0195494
#2	.0474776	.2208348	.0313422	9.797391	.0755486	.0194378
#3	.0502648	.2042282	.0305840	9.797498	.0760977	.0200006

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.55305	.0963672	.1012226	9.475460	F .0014866	F .0116561
Stddev	.28427	.0030255	.0084438	.096167	.0000228	.0002322
%RSD	2.693747	3.139523	8.341844	1.014901	1.532556	1.991647

#1	10.82118	.0992368	.0974211	9.516180	.0014819	.0115821
#2	10.58297	.0966581	.1108989	9.544567	.0014666	.0114699
#3	10.25501	.0932068	.0953477	9.365633	.0015114	.0119162

Sample Name: PB140332BS Acquired: 01/05/2022 20:25:01 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS332 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203973	F .0175843	.2045278	.0108234	.1977781	.0294957
Stddev	.0007686	.0002825	.0011961	.0024238	.0008704	.0019818
%RSD	3.768384	1.606723	.5848183	22.39435	.4400825	6.719105

#1	.0196738	.0177516	.2048002	.0129945	.1979799	.0298345
#2	.0212043	.0172581	.2055642	.0082082	.1968246	.0312862
#3	.0203139	.0177432	.2032190	.0112673	.1985299	.0273662

Elem	Sr4077
Units	ppm
Avg	.1982843
Stddev	.0009258
%RSD	.4669032

#1	.1993465
#2	.1978574
#3	.1976489

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1281.082	39237.96	6652.600	1083.060	1973.151
Stddev	1.778	357.73	42.697	9.543	2.243
%RSD	.1387657	.9117037	.6418152	.8811578	.1136842

#1	1279.073	39648.44	6604.623	1093.944	1970.563
#2	1282.452	39072.73	6666.750	1079.117	1974.347
#3	1281.720	38992.70	6686.425	1076.121	1974.543

Sample Name: PB140333BL Acquired: 01/05/2022 20:38:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS333 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033670	.0022316	-.001197	.0011475	-.000744	.0025935
Stddev	.0076740	.0025658	.003806	.0045801	.000620	.0071583
%RSD	227.9191	114.9768	318.0719	399.1505	83.34742	276.0133

#1	-.003708	.0013606	-.004305	-.003971	-.000866	.0002711
#2	.002285	.0051195	-.002333	.004860	-.001293	-.003115
#3	.011525	.0002146	.003048	.002553	-.000072	.010625

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013723	.0001110	-.000034	-.016300	-.000941	-.000179
Stddev	.0008933	.0000562	.000060	.026100	.000274	.000412
%RSD	65.09389	50.62738	176.9953	160.1242	29.10397	230.9000

#1	.0023958	.0000713	.000036	.006684	-.000678	.000291
#2	.0009710	.0000864	-.000070	-.044673	-.000921	-.000480
#3	.0007500	.0001752	-.000068	-.010909	-.001224	-.000347

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002884	-.013465	.0004291	-.004026	.0001167	-.001199
Stddev	.000695	.012927	.0004574	.023100	.0004410	.000197
%RSD	24.08480	96.00694	106.5932	573.7957	378.0469	16.38994

#1	-.003368	-.020619	.0007230	-.003537	.0001004	-.001409
#2	-.003196	.001458	.0006621	.018826	.0005655	-.001169
#3	-.002088	-.021234	-.000098	-.027366	-.000316	-.001019

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3595691	-.003550	-.000973	-.187524	-.000688	F -.011159
Stddev	.3250866	.002232	.002612	.036849	.000287	.000637
%RSD	90.41006	62.88196	268.5913	19.65044	41.73667	5.708604

#1	.3113516	-.001262	-.001729	-.145425	-.000414	-.011554
#2	.0612842	-.003665	-.003123	-.203219	-.000987	-.010424
#3	.7060713	-.005723	.001934	-.213927	-.000665	-.011500

Sample Name: PB140333BL Acquired: 01/05/2022 20:38:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS333 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000157	-.000909	-.002771	-.002498	.0011541	-.002466
Stddev	.000113	.000165	.000884	.001420	.0006090	.001123
%RSD	71.78905	18.20900	31.90528	56.85471	52.77039	45.52681

#1	-.000283	-.001093	-.003789	-.002649	.0005438	-.003584
#2	-.000120	-.000773	-.002323	-.003837	.0017619	-.001339
#3	-.000068	-.000860	-.002200	-.001008	.0011567	-.002474

Elem	Sr4077
Units	ppm
Avg	.0000378
Stddev	.0000640
%RSD	169.2135

#1	-.000035
#2	.000065
#3	.000084

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1290.661	39426.32	6587.992	1090.635	2018.390
Stddev	.104	236.40	58.247	4.126	3.934
%RSD	.0080340	.5995926	.8841419	.3782797	.1949117

#1	1290.728	39646.53	6522.075	1091.788	2019.079
#2	1290.714	39455.91	6632.525	1094.062	2021.935
#3	1290.542	39176.52	6609.375	1086.056	2014.157

Sample Name: PB140333BS Acquired: 01/05/2022 20:42:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS333 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0155402	.0504549	.0183154	.0721979	.1092440	.3847879
Stddev	.0091210	.0055587	.0014934	.0084415	.0020709	.0077549
%RSD	58.69281	11.01716	8.153896	11.69214	1.895648	2.015359

#1	.0181306	.0484878	.0180385	.0624584	.1101577	.3779745
#2	.0054042	.0567297	.0199280	.0767296	.1068734	.3932266
#3	.0230859	.0461473	.0169799	.0774058	.1107008	.3831627

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3872098	.0106243	.0102382	10.19165	.0213127	.0981291
Stddev	.0026633	.0000436	.0000108	.02374	.0003396	.0003792
%RSD	.6878299	.4099494	.1051991	.2329466	1.593510	.3863978

#1	.3862994	.0105743	.0102488	10.17855	.0216662	.0976959
#2	.3902090	.0106450	.0102273	10.21906	.0212830	.0982905
#3	.3851211	.0106536	.0102384	10.17735	.0209889	.0984008

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526380	.2011317	.0312031	9.936887	.0756628	.0198879
Stddev	.0040835	.0014326	.0004230	.008739	.0006352	.0004137
%RSD	7.757627	.7122629	1.355524	.0879491	.8394759	2.080274

#1	.0546581	.2026961	.0316206	9.926800	.0759701	.0202482
#2	.0553177	.2008150	.0307749	9.941656	.0749324	.0194361
#3	.0479382	.1998840	.0312137	9.942204	.0760858	.0199795

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.29180	.0990114	.1044798	9.497504	F .0022571	F .0109383
Stddev	.08400	.0026989	.0053575	.081911	.0002072	.0003212
%RSD	.8161744	2.725802	5.127767	.8624519	9.179200	2.936881

#1	10.24636	.0975090	.1034353	9.436790	.0022671	.0106003
#2	10.38873	.0973981	.0997215	9.465051	.0024591	.0109748
#3	10.24031	.1021271	.1102826	9.590669	.0020451	.0112397

Sample Name: PB140333BS Acquired: 01/05/2022 20:42:18 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS333 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210007	F .0183693	.2080112	.0110578	.2021807	.0289839
Stddev	.0004114	.0011442	.0009647	.0014155	.0011158	.0013946
%RSD	1.958779	6.228955	.4637596	12.80100	.5518785	4.811787

#1	.0214309	.0185887	.2086090	.0126607	.2009780	.0275942
#2	.0206112	.0193880	.2085262	.0099795	.2031822	.0289741
#3	.0209599	.0171313	.2068983	.0105332	.2023819	.0303834

Elem	Sr4077
Units	ppm
Avg	.2005332
Stddev	.0008623
%RSD	.4300060

#1	.2004110
#2	.2014500
#3	.1997385

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1286.198	39512.34	6610.208	1090.246	1983.904
Stddev	5.299	135.46	11.059	1.582	10.398
%RSD	.4120128	.3428312	.1672978	.1450675	.5241039

#1	1287.809	39541.82	6599.616	1092.071	1988.023
#2	1290.504	39630.64	6609.325	1089.396	1991.612
#3	1280.280	39364.57	6621.681	1089.272	1972.078

Sample Name: PB140368BL Acquired: 01/05/2022 20:46:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS368 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018571	-.000198	-.000358	.0011856	-.000214	-.000810
Stddev	.0074360	.005634	.001237	.0065305	.003517	.000461
%RSD	400.4171	2847.802	345.1698	550.8183	1646.332	56.94446

#1	-.004349	-.004684	.001015	.0055392	-.003413	-.001317
#2	.010099	.006125	-.000705	.0043410	-.000781	-.000415
#3	-.000179	-.002035	-.001385	-.006323	.003553	-.000697

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019111	.0001086	-.000022	-.014338	-.000428	-.000100
Stddev	.0002969	.0000370	.000072	.013335	.000340	.000156
%RSD	15.53699	34.06753	319.5088	93.00646	79.38145	155.8618

#1	.0021154	.0000688	.000060	-.027655	-.000477	-.000087
#2	.0015705	.0001150	-.000054	-.014374	-.000066	.000049
#3	.0020473	.0001420	-.000072	-.000985	-.000740	-.000262

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008905	-.005882	-.000025	-.009623	.0006334	-.000997
Stddev	.0025233	.016592	.000381	.018980	.0003161	.000443
%RSD	283.3610	282.0829	1504.906	197.2317	49.89970	44.45289

#1	-.000567	-.022559	.000193	.003136	.0009892	-.001194
#2	-.000565	.010625	-.000465	-.000571	.0005259	-.001308
#3	.003804	-.005713	.000197	-.031435	.0003851	-.000490

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4685990	-.002677	.0021333	-.372334	-.001043	F -.012966
Stddev	.1431564	.002574	.0052885	.022254	.000474	.000196
%RSD	30.54989	96.17014	247.8971	5.976866	45.47431	1.515056

#1	.4956081	-.001762	.0046417	-.357901	-.000909	-.013151
#2	.3138618	-.000685	.0057009	-.397963	-.001570	-.012760
#3	.5963270	-.005584	-.003943	-.361138	-.000651	-.012986

Sample Name: PB140368BL Acquired: 01/05/2022 20:46:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: PBS368 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002415	-.000159	-.001274	-.000183	-.000261	-.002185
Stddev	.0003210	.000550	.001450	.000892	.001996	.001170
%RSD	132.8920	346.4179	113.7470	486.1251	764.1306	53.54155

#1	-.000031	-.000379	-.001318	-.000457	.001341	-.001436
#2	.000161	-.000565	.000196	.000813	.000372	-.001586
#3	.000595	.000468	-.002702	-.000907	-.002498	-.003533

Elem	Sr4077
Units	ppm
Avg	-.000005
Stddev	.000101
%RSD	2058.942

#1	.000101
#2	-.000101
#3	-.000015

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1290.414	39433.42	6586.592	1093.094	2016.863
Stddev	2.740	86.36	49.968	8.669	1.441
%RSD	.2123166	.2190092	.7586326	.7930902	.0714427

#1	1293.321	39508.56	6532.325	1095.716	2017.573
#2	1287.879	39339.07	6596.750	1083.416	2017.810
#3	1290.043	39452.62	6630.700	1100.149	2015.204

Sample Name: PB140368BS Acquired: 01/05/2022 20:50:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS368 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192634	.0487589	.0177206	.0590536	.1048972	.3821507
Stddev	.0082477	.0028724	.0009461	.0033462	.0019781	.0126616
%RSD	42.81521	5.891120	5.339207	5.666302	1.885757	3.313248

#1	.0287705	.0485587	.0188017	.0609551	.1034453	.3843799
#2	.0149948	.0459917	.0173161	.0610158	.1040961	.3685226
#3	.0140249	.0517262	.0170439	.0551900	.1071502	.3935497

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3798295	.0105402	.0101655	9.993972	.0206529	.0967701
Stddev	.0013354	.0001941	.0000818	.070213	.0006927	.0006799
%RSD	.3515788	1.841328	.8043656	.7025497	3.354094	.7025914

#1	.3795675	.0103260	.0101466	9.958746	.0212809	.0960867
#2	.3812765	.0107043	.0102550	10.07482	.0207680	.0974465
#3	.3786446	.0105904	.0100948	9.94835	.0199099	.0967770

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0505062	.2026450	.0304010	9.766322	.0742903	.0196229
Stddev	.0045962	.0112492	.0003256	.134071	.0004521	.0003663
%RSD	9.100263	5.551171	1.071028	1.372785	.6085846	1.866672

#1	.0549227	.1952167	.0302970	9.748832	.0747751	.0192301
#2	.0457492	.2155873	.0307659	9.908280	.0738801	.0196837
#3	.0508468	.1971310	.0301402	9.641855	.0742159	.0199551

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.38222	.0952310	.1039427	9.273143	F .0018496	F .0096680
Stddev	.31932	.0013284	.0070763	.206220	.0007630	.0010769
%RSD	3.075641	1.394878	6.807895	2.223844	41.24963	11.13932

#1	10.50921	.0946716	.0967552	9.435225	.0020030	.0089208
#2	10.61850	.0942739	.1109024	9.343179	.0025242	.0091807
#3	10.01894	.0967476	.1041705	9.041027	.0010216	.0109024

Sample Name: PB140368BS Acquired: 01/05/2022 20:50:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: LCS368 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202510	F .0174345	.2024103	.0123416	.1969961	.0278084
Stddev	.0001478	.0008981	.0009390	.0016289	.0017188	.0031675
%RSD	.7296484	5.151151	.4638999	13.19843	.8724783	11.39061

#1	.0202309	.0179298	.2031636	.0106850	.1988091	.0269844
#2	.0201143	.0163979	.2027090	.0139414	.1967886	.0251342
#3	.0204077	.0179759	.2013583	.0123985	.1953904	.0313065

Elem	Sr4077
Units	ppm
Avg	.1959821
Stddev	.0032321
%RSD	1.649163

#1	.1981636
#2	.1975138
#3	.1922690

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1279.984	39099.27	6648.513	1088.258	1977.042
Stddev	1.977	219.78	34.042	9.307	3.189
%RSD	.1544667	.5621131	.5120305	.8551799	.1612799

#1	1281.990	39129.88	6641.399	1096.945	1979.800
#2	1279.926	38865.79	6618.590	1078.436	1977.774
#3	1278.037	39302.14	6685.551	1089.392	1973.551

Sample Name: M4396-11 Acquired: 01/05/2022 20:54:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2794043	.0014808	3.934590	.0284290	.0054468	79.59766	1.472619
Stddev	.0040602	.0033364	.076663	.0007345	.0046143	.84895	.005847
%RSD	1.453171	225.3039	1.948446	2.583528	84.71614	1.066550	.3970695

#1	.2839653	-.002033	3.987411	.0276606	.0096602	80.31525	1.479348
#2	.2780637	.001870	3.969700	.0291240	.0061646	79.81723	1.469729
#3	.2761839	.004606	3.846660	.0285024	.0005157	78.66049	1.468779

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112850	.6357405	114.4762	.1627207	.0895123	.8194799	191.5119
Stddev	.0001923	.0116019	.7168	.0006514	.0018980	.0189133	1.5860
%RSD	1.703735	1.824944	.6261830	.4003310	2.120393	2.307962	.8281319

#1	.0113264	.6422158	115.0580	.1623716	.0907086	.8349784	192.8990
#2	.0114531	.6426596	114.6952	.1634723	.0905044	.8250559	191.8537
#3	.0110753	.6223463	113.6754	.1623182	.0873238	.7984055	189.7829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.581614	35.74818	.2096110	-.005652	1.799409	.2577794	^ *****
Stddev	.057068	.22532	.0048487	.000211	.174635	.0021276	-----
%RSD	.6649993	.6302925	2.313197	3.729465	9.705130	.8253528	-----

#1	8.633476	35.92455	.2117633	-.005432	1.859793	.2602271	^ -----
#2	8.590890	35.82566	.2130110	-.005852	1.602596	.2567385	^ -----
#3	8.520477	35.49435	.2040588	-.005672	1.935839	.2563727	^ -----

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.03134	1.204335	.2041037	.0071819	.5496270	59.04260	.0234339
Stddev	.30162	.024282	.0023540	.0005381	.0096403	.75578	.0013089
%RSD	2.314553	2.016215	1.153353	7.492902	1.753975	1.280055	5.585457

#1	13.22291	1.219957	.2053764	.0077901	.5555955	59.01893	.0228579
#2	13.18744	1.216688	.2013873	.0069881	.5547802	59.80994	.0225118
#3	12.68366	1.176360	.2055474	.0067675	.5385053	58.29894	.0249320

Sample Name: M4396-11 Acquired: 01/05/2022 20:54:39 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9T7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.020838	.0641686	.0471422
Stddev	.013110	.0002356	.0027612
%RSD	1.284238	.3672012	5.857092

#1	1.031082	.0639163	.0484833
#2	1.025369	.0642065	.0489766
#3	1.006064	.0643830	.0439666

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1436.814	44209.83	7481.945	1226.054	1904.399
Stddev	19.329	106.54	65.543	9.593	28.946
%RSD	1.345244	.2409841	.8760193	.7824318	1.519948

#1	1426.541	44301.73	7463.054	1228.480	1890.102
#2	1424.791	44093.05	7427.922	1234.200	1885.384
#3	1459.110	44234.70	7554.859	1215.480	1937.712

Sample Name: M4396-12 Acquired: 01/05/2022 20:58:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3293009	.0043173	3.680099	.0244613	.0019772	73.39812
Stddev	.0137008	.0061447	.009844	.0067565	.0042225	.15267
%RSD	4.160570	142.3288	.2675000	27.62126	213.5568	.2080082

#1	.3157182	.0095950	3.691399	.0316535	.0024820	73.45678
#2	.3290676	-.002429	3.675520	.0182471	-.002475	73.22481
#3	.3431168	.005785	3.673379	.0234831	.005925	73.51276

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.432022	.0099934	.4634182	142.5056	.2331107	.0751484
Stddev	.002252	.0001004	.0012582	.2746	.0010598	.0001090
%RSD	.1572261	1.004384	.2714982	.1926917	.4546148	.1450514

#1	1.429509	.0100626	.4648420	142.7538	.2335100	.0752271
#2	1.432702	.0100393	.4624561	142.5523	.2339128	.0750240
#3	1.433855	.0098783	.4629565	142.2106	.2319093	.0751942

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9514037	160.7269	6.814617	40.31176	.1903596	-.006250
Stddev	.0066100	.3501	.015260	.03563	.0007877	.000503
%RSD	.6947644	.2178009	.2239375	.0883819	.4137739	8.040633

#1	.9590225	160.7302	6.826811	40.31616	.1894524	-.005913
#2	.9471971	160.3751	6.797504	40.27414	.1907577	-.006827
#3	.9479914	161.0752	6.819538	40.34499	.1908688	-.006008

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.536951	.2085257	F 41.01961	11.80979	1.240684	.1797029
Stddev	.252845	.0038557	.25015	.06404	.001501	.0010714
%RSD	16.45106	1.849034	.6098192	.5422675	.1209457	.5961890

#1	1.783938	.2124377	40.98686	11.82216	1.238955	.1804482
#2	1.278630	.2047288	40.78746	11.86674	1.241644	.1784751
#3	1.548285	.2084106	41.28452	11.74047	1.241453	.1801853

Sample Name: M4396-12 Acquired: 01/05/2022 20:58:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089968	.6641856	58.69887	.0238080	.9273200	.0603568
Stddev	.0008243	.0020138	.37711	.0032419	.0007695	.0007898
%RSD	9.161852	.3031916	.6424459	13.61690	.0829852	1.308612

#1	.0084636	.6620711	58.62299	.0274607	.9272396	.0611333
#2	.0099462	.6644053	59.10815	.0226909	.9281265	.0603829
#3	.0085806	.6660806	58.36548	.0212723	.9265938	.0595542

Elem	Sr4077
Units	ppm
Avg	.1122833
Stddev	.0007981
%RSD	.7107506

#1	.1129571
#2	.1124908
#3	.1114020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1401.745	43967.18	7423.468	1222.415	1873.299
Stddev	3.055	26.82	13.991	2.085	5.109
%RSD	.2179126	.0609940	.1884754	.1705570	.2727455

#1	1399.153	43950.72	7416.650	1223.561	1867.491
#2	1400.970	43998.13	7414.192	1223.675	1875.301
#3	1405.112	43952.70	7439.561	1220.008	1877.104

Sample Name: M4396-13 Acquired: 01/05/2022 21:02:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0746491	.0055086	.6831554	.0148022	.0007983	58.10520	1.912610
Stddev	.0007175	.0053028	.0053723	.0059586	.0016128	.33215	.005470
%RSD	.9611202	96.26488	.7864024	40.25493	202.0222	.5716414	.2859857

#1	.0753437	.0025606	.6891465	.0084582	-.000989	57.87395	1.906833
#2	.0739107	.0023348	.6787662	.0156676	.002144	58.48581	1.913287
#3	.0746929	.0116303	.6815535	.0202807	.001240	57.95584	1.917709

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067062	.0832170	28.40367	.1125836	.0765427	.1414853	124.6590
Stddev	.0000564	.0006220	.06084	.0009785	.0007164	.0010916	.5593
%RSD	.8411076	.7474097	.2141950	.8691801	.9359300	.7715132	.4486440

#1	.0067499	.0837365	28.33499	.1135114	.0765510	.1422732	124.1344
#2	.0066425	.0833868	28.42520	.1126782	.0772549	.1419433	125.2474
#3	.0067262	.0825278	28.45082	.1115611	.0758222	.1402393	124.5952

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.21056	15.06146	.1376811	-.013722	1.554526	.2150251	10.13522
Stddev	.03823	.05035	.0005941	.000351	.126675	.0028362	.05243
%RSD	.3131093	.3342776	.4314988	2.558049	8.148796	1.319015	.5173422

#1	12.17718	15.01167	.1380989	-.014078	1.700539	.2121815	10.16055
#2	12.25227	15.11235	.1379434	-.013377	1.473987	.2150400	10.07493
#3	12.20223	15.06037	.1370010	-.013712	1.489053	.2178538	10.17018

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.675771	.4680985	.1253412	.0068459	.2708881	57.05379	.0153304
Stddev	.076309	.0031930	.0014549	.0005841	.0020498	.55376	.0035174
%RSD	.9941547	.6821281	1.160746	8.531610	.7566932	.9705942	22.94417

#1	7.715596	.4657561	.1236617	.0075070	.2728620	56.51369	.0188409
#2	7.723930	.4717356	.1262154	.0063996	.2710321	57.62027	.0153442
#3	7.587789	.4668039	.1261464	.0066312	.2687700	57.02743	.0118061

Sample Name: M4396-13 Acquired: 01/05/2022 21:02:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9T9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8193852	.0514230	.0006418
Stddev	.0034751	.0011871	.0010572
%RSD	.4241125	2.308583	164.7244

#1	.8176823	.0520311	.0013243
#2	.8233833	.0521829	.0011770
#3	.8170900	.0500550	-.000576

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1417.146	43274.12	7345.098	1209.005	1963.781
Stddev	5.795	275.29	69.420	2.822	10.363
%RSD	.4089366	.6361457	.9451242	.2334217	.5277247

#1	1415.114	42966.66	7388.842	1211.506	1955.157
#2	1412.640	43357.93	7265.054	1205.946	1960.908
#3	1423.684	43497.75	7381.399	1209.565	1975.277

Sample Name: M4396-14 Acquired: 01/05/2022 21:06:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1552468	-.002639	11.24376	.0164836	.0037019	81.74436
Stddev	.0096863	.009721	.05662	.0038254	.0041629	1.50778
%RSD	6.239323	368.3228	.5035576	23.20735	112.4534	1.844503

#1	.1456844	-.006330	11.23676	.0121279	.0012927	81.67896
#2	.1550036	.008387	11.19096	.0192974	.0013042	83.28378
#3	.1650525	-.009974	11.30355	.0180255	.0085089	80.27035

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.706836	.0132429	.3443871	254.0597	.1973997	.0945808
Stddev	.034608	.0003971	.0013793	4.1873	.0016658	.0002855
%RSD	1.278527	2.998945	.4004942	1.648143	.8438915	.3018322

#1	2.695181	.0134083	.3447635	253.3556	.1960524	.0942550
#2	2.745767	.0135306	.3428588	258.5544	.1968844	.0947870
#3	2.679561	.0127898	.3455391	250.2692	.1992623	.0947004

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5886424	185.2832	7.118183	83.80643	.1961778	-.011796
Stddev	.0120159	3.3378	.129271	1.55028	.0015539	.000934
%RSD	2.041296	1.801457	1.816067	1.849835	.7920763	7.917471

#1	.5878173	185.1702	7.105210	83.55829	.1969769	-.011012
#2	.6010496	188.6760	7.253451	85.46582	.1943870	-.011547
#3	.5770603	182.0033	6.995887	82.39519	.1971695	-.012830

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.311251	.2508672	F 32.03867	11.07729	1.163391	.2558354
Stddev	.179691	.0063232	.25849	.31087	.000957	.0072918
%RSD	7.774606	2.520544	.8068019	2.806361	.0822549	2.850195

#1	2.272685	.2531944	32.27746	11.14389	1.164172	.2561817
#2	2.153974	.2556970	32.07436	11.34947	1.163676	.2629479
#3	2.507093	.2437101	31.76419	10.73852	1.162323	.2483766

Sample Name: M4396-14 Acquired: 01/05/2022 21:06:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086773	.8453498	58.71779	.0518115	.9447169	.0663768
Stddev	.0004848	.0011389	.94138	.0024768	.0164385	.0016699
%RSD	5.587375	.1347230	1.603231	4.780362	1.740045	2.515770

#1	.0081565	.8443609	58.77415	.0515443	.9435839	.0644495
#2	.0091155	.8450935	59.62972	.0544111	.9616925	.0672892
#3	.0087600	.8465950	57.74949	.0494792	.9288741	.0673917

Elem	Sr4077
Units	ppm
Avg	.1561779
Stddev	.0045725
%RSD	2.927777

#1	.1575938
#2	.1598749
#3	.1510648

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1383.511	43227.84	7338.160	1187.699	1773.405
Stddev	3.296	36.33	132.738	6.492	5.757
%RSD	.2382587	.0840425	1.808873	.5465659	.3246416

#1	1380.610	43256.40	7302.098	1181.284	1769.137
#2	1387.095	43186.95	7227.180	1187.550	1779.953
#3	1382.827	43240.17	7485.203	1194.264	1771.126

Sample Name: M4396-15 Acquired: 01/05/2022 21:10:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1665513	.0058055	5.830298	.0165870	.0037195	67.90879
Stddev	.0089225	.0035906	.006462	.0034315	.0010249	.21941
%RSD	5.357195	61.84798	.1108390	20.68756	27.55360	.3230963

#1	.1629466	.0023465	5.827842	.0205382	.0030135	67.88767
#2	.1767122	.0055555	5.825424	.0148686	.0048950	68.13800
#3	.1599951	.0095146	5.837628	.0143543	.0032501	67.70070

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.621664	.0109430	.4288854	169.6347	.1678262	.0793255
Stddev	.003626	.0001565	.0008423	.6751	.0004875	.0003020
%RSD	.2235954	1.429675	.1963906	.3979756	.2904583	.3806860

#1	1.625563	.0108045	.4279684	169.3044	.1675148	.0796243
#2	1.621036	.0111127	.4290634	170.4114	.1683879	.0790204
#3	1.618393	.0109119	.4296245	169.1883	.1675758	.0793319

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5759438	194.4486	6.863329	59.07905	.1731051	-.010785
Stddev	.0072706	.7464	.025426	.23658	.0005597	.000278
%RSD	1.262377	.3838358	.3704635	.4004543	.3233340	2.575819

#1	.5818223	194.2261	6.846254	59.04192	.1733163	-.010663
#2	.5781952	195.2809	6.892550	59.33200	.1724705	-.011102
#3	.5678138	193.8387	6.851182	58.86323	.1735285	-.010588

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.924608	.2213534	F 34.79981	9.194590	.9606785	.2263306
Stddev	.197057	.0059231	.50036	.105073	.0052158	.0049163
%RSD	10.23882	2.675872	1.437819	1.142771	.5429261	2.172193

#1	2.128094	.2151107	35.16562	9.299605	.9561477	.2288624
#2	1.911050	.2268944	35.00420	9.194707	.9595076	.2294651
#3	1.734680	.2220551	34.22961	9.089459	.9663802	.2206644

Sample Name: M4396-15 Acquired: 01/05/2022 21:10:33 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075412	.6677461	54.72833	.3964848	1.181311	.0595272
Stddev	.0012038	.0059927	.60503	.0026100	.006205	.0022375
%RSD	15.96345	.8974572	1.105517	.6582855	.5252694	3.758760

#1	.0079223	.6673270	54.06048	.3989675	1.180152	.0573017
#2	.0085083	.6619740	54.88464	.3937638	1.188014	.0595034
#3	.0061929	.6739374	55.23987	.3967231	1.175767	.0617765

Elem	Sr4077
Units	ppm
Avg	.1178004
Stddev	.0006445
%RSD	.5470929

#1	.1177802
#2	.1171663
#3	.1184548

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1373.899	43132.40	7279.191	1193.125	1827.931
Stddev	1.567	260.63	31.436	11.645	1.789
%RSD	.1140865	.6042448	.4318551	.9759735	.0978467

#1	1375.160	42832.00	7312.537	1179.988	1828.052
#2	1372.144	43266.95	7274.935	1197.210	1826.086
#3	1374.393	43298.25	7250.100	1202.177	1829.657

Sample Name: M4396-16 Acquired: 01/05/2022 21:14:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0942678	-.011806	.3815467	.0264074	.0014518	103.1004	1.282936
Stddev	.0064708	.004596	.0033183	.0027810	.0009784	.8574	.008450
%RSD	6.864273	38.93063	.8696983	10.53131	67.39316	.8316597	.6586111

#1	.0917111	-.010806	.3794911	.0259398	.0003229	102.5508	1.278405
#2	.1016263	-.016820	.3797742	.0238898	.0019785	102.6621	1.277718
#3	.0894659	-.007792	.3853749	.0293926	.0020541	104.0884	1.292685

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090082	.0325168	87.96978	.1661383	.0772497	.1508070	176.7531
Stddev	.0000831	.0003004	.53730	.0011059	.0009424	.0024802	1.3426
%RSD	.9229092	.9239255	.6107818	.6656671	1.219953	1.644627	.7596166

#1	.0089251	.0322481	87.65802	.1662222	.0763274	.1533953	175.9644
#2	.0090082	.0324612	87.66111	.1671999	.0772108	.1484513	175.9914
#3	.0090913	.0328412	88.59020	.1649928	.0782110	.1505744	178.3033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.396543	45.63606	.1741428	-.019570	1.433764	.2648534	3.012973
Stddev	.035191	.19221	.0010250	.000684	.190451	.0013581	.025707
%RSD	.8004280	.4211747	.5886106	3.493966	13.28330	.5127771	.8532253

#1	4.376176	45.49340	.1731169	-.020268	1.308760	.2635593	2.983343
#2	4.376275	45.56015	.1741447	-.018902	1.652958	.2647334	3.026239
#3	4.437179	45.85463	.1751669	-.019539	1.339576	.2662676	3.029338

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.280918	.5075448	.1771096	.0015644	.1958178	58.29888	.0067179
Stddev	.168618	.0029914	.0015644	.0004989	.0007647	.40436	.0015371
%RSD	2.036229	.5893819	.8832755	31.88918	.3905246	.6936044	22.88019

#1	8.163238	.5041826	.1768543	.0014991	.1954240	57.90441	.0058127
#2	8.205422	.5085402	.1756886	.0011014	.1953302	58.27977	.0084926
#3	8.474092	.5099116	.1787859	.0020928	.1966991	58.71245	.0058483

Sample Name: M4396-16 Acquired: 01/05/2022 21:14:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7575626	.0777039	-.017394
Stddev	.0048799	.0019397	.000486
%RSD	.6441584	2.496256	2.796028

#1	.7535897	.0768659	-.017955
#2	.7560885	.0763241	-.017099
#3	.7630096	.0799217	-.017127

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1460.570	45262.37	7725.103	1262.483	1868.828
Stddev	7.288	319.77	58.217	14.062	14.616
%RSD	.4989753	.7064767	.7536028	1.113870	.7821061

#1	1467.011	44918.46	7755.414	1266.826	1879.975
#2	1462.040	45550.72	7761.911	1273.862	1874.228
#3	1452.660	45317.93	7657.985	1246.762	1852.280

Sample Name: M4396-17 Acquired: 01/05/2022 21:18:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0309614	-.006121	.1451394	.0166993	-.003491	123.3669	.7153097
Stddev	.0039096	.009437	.0078129	.0036342	.002185	1.0493	.0017385
%RSD	12.62724	154.1859	5.383029	21.76254	62.59607	.8505365	.2430374

#1	.0264525	-.002492	.1362934	.0154620	-.001504	122.3627	.7133081
#2	.0334088	-.016834	.1480287	.0138453	-.003137	124.4561	.7164422
#3	.0330228	.000963	.1510962	.0207905	-.005832	123.2819	.7161790

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086106	.0098756	190.7283	.2080460	.1172578	.0771798	160.3822
Stddev	.0000610	.0000997	1.2344	.0008520	.0005245	.0015778	1.4473
%RSD	.7083948	1.009170	.6472029	.4095424	.4473433	2.044335	.9024312

#1	.0085519	.0097736	189.3191	.2077818	.1167358	.0760051	158.9151
#2	.0086063	.0098805	191.6183	.2073573	.1172528	.0789732	161.8089
#3	.0086736	.0099728	191.2475	.2089988	.1177848	.0765611	160.4226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.380650	61.84930	.3395851	-.019219	2.240819	.1304698	2.531348
Stddev	.034396	.49831	.0008830	.000448	.239571	.0024328	.047896
%RSD	.7851720	.8056782	.2600272	2.333001	10.69124	1.864626	1.892099

#1	4.344488	61.40499	.3387322	-.019110	1.977062	.1284750	2.497587
#2	4.412953	62.38808	.3395275	-.018835	2.444937	.1297544	2.586164
#3	4.384510	61.75483	.3404954	-.019712	2.300457	.1331801	2.510292

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.12461	.8412348	.2006107	-.000518	.1079452	59.31116	.0058743
Stddev	.11609	.0069225	.0033347	.000824	.0014248	.46388	.0035372
%RSD	.5768333	.8228929	1.662275	159.1430	1.319909	.7821170	60.21559

#1	20.04696	.8340924	.1978431	-.001281	.1063212	58.87365	.0085224
#2	20.25806	.8416979	.2043130	.000357	.1089853	59.26229	.0072432
#3	20.06881	.8479141	.1996759	-.000630	.1085290	59.79754	.0018572

Sample Name: M4396-17 Acquired: 01/05/2022 21:18:34 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9W3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2750623	.1872341	.4885528
Stddev	.0029199	.0018728	.0070596
%RSD	1.061548	1.000220	1.445014

#1	.2717155	.1852079	.4823111
#2	.2763820	.1889016	.4962145
#3	.2770895	.1875927	.4871327

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1402.318	43745.96	7464.504	1204.159	1796.681
Stddev	1.231	140.77	42.587	11.802	4.483
%RSD	.0877977	.3217950	.5705220	.9801287	.2495109

#1	1401.347	43586.33	7513.640	1204.514	1801.569
#2	1401.905	43852.33	7438.237	1192.183	1795.712
#3	1403.703	43799.22	7441.635	1215.780	1792.762

Sample Name: M4396-18 Acquired: 01/05/2022 21:22:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0969101	-.012967	2.846334	.0204271	.0056147	125.6588	1.517803
Stddev	.0057409	.007924	.008531	.0058932	.0043590	1.0810	.008580
%RSD	5.923924	61.11244	.2997142	28.84985	77.63559	.8602625	.5652749

#1	.0957020	-.011558	2.840416	.0212082	.0106437	124.8143	1.508370
#2	.0918694	-.021502	2.856113	.0141823	.0029183	125.2851	1.519900
#3	.1031589	-.005842	2.842474	.0258907	.0032821	126.8771	1.525141

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0322940	.1174787	124.9685	.2224729	.1078356	.4582373	299.1244
Stddev	.0004154	.0002862	.6335	.0012664	.0004400	.0039684	2.2023
%RSD	1.286333	.2436003	.5069465	.5692510	.4080142	.8660154	.7362452

#1	.0320500	.1178072	124.3447	.2237990	.1081549	.4543033	297.0878
#2	.0320584	.1173459	124.9494	.2223436	.1073337	.4581695	298.8237
#3	.0327736	.1172831	125.6113	.2212761	.1080182	.4622392	301.4615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.625756	29.50135	.2787153	-.031218	6.720719	.3594420	17.99570
Stddev	.032081	.24696	.0006853	.001220	.129452	.0026229	.16104
%RSD	.5702587	.8371221	.2458672	3.906478	1.926165	.7297241	.8948626

#1	5.592569	29.27283	.2786950	-.032224	6.703316	.3578762	18.05578
#2	5.628095	29.46788	.2794105	-.031568	6.600849	.3579798	18.11806
#3	5.656604	29.76334	.2780404	-.029862	6.857993	.3624701	17.81326

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.88822	.8482810	1.289996	.0261935	1.038203	50.48898	.1070568
Stddev	.11386	.0025653	.015189	.0002368	.001459	.54374	.0016224
%RSD	.8834424	.3024090	1.177445	.9040369	.1405736	1.076945	1.515428

#1	12.75937	.8473251	1.277539	.0264218	1.038876	50.11659	.1054327
#2	12.93002	.8463309	1.285534	.0259491	1.036528	50.23741	.1070604
#3	12.97527	.8511870	1.306917	.0262096	1.039204	51.11295	.1086774

Sample Name: M4396-18 Acquired: 01/05/2022 21:22:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.203373	.0963689	.0277637
Stddev	.017718	.0015886	.0010553
%RSD	.8041214	1.648426	3.801020

#1	2.188045	.0981931	.0267135
#2	2.199300	.0956235	.0277535
#3	2.222772	.0952902	.0288240

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1543.439	48340.27	8296.692	1328.653	1822.605
Stddev	3.999	391.19	57.332	12.641	4.154
%RSD	.2590690	.8092423	.6910257	.9514363	.2279177

#1	1547.816	48037.00	8308.690	1318.720	1826.898
#2	1542.524	48202.00	8347.075	1324.357	1822.310
#3	1539.977	48781.82	8234.309	1342.883	1818.606

Sample Name: M4396-19 Acquired: 01/05/2022 21:26:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0920875	-.008323	2.988119	.0172943	.0036075	111.4152	1.702018
Stddev	.0105426	.017637	.019101	.0015799	.0009267	.0566	.001016
%RSD	11.44841	211.9155	.6392163	9.135428	25.68828	.0507731	.0596923

#1	.0825333	-.026968	2.966117	.0191182	.0025492	111.3641	1.702884
#2	.0903313	-.006094	3.000440	.0164188	.0039998	111.4055	1.700900
#3	.1033979	.008094	2.997802	.0163460	.0042736	111.4760	1.702270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173494	.0467203	124.7074	.1648062	.0744081	.2919232	231.9523
Stddev	.0000804	.0004261	.1563	.0013592	.0004857	.0027370	.0999
%RSD	.4632989	.9121141	.1253328	.8247365	.6528086	.9375781	.0430779

#1	.0174395	.0462287	124.6851	.1640321	.0740117	.2906666	231.8768
#2	.0173240	.0469474	124.5635	.1663756	.0749500	.2950629	231.9145
#3	.0172849	.0469847	124.8737	.1640109	.0742627	.2900401	232.0656

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.943135	43.06184	.1728097	-.024480	3.880900	.3043744	11.43123
Stddev	.008815	.08862	.0011760	.000318	.120447	.0043646	.11401
%RSD	.1783213	.2057872	.6805195	1.299176	3.103595	1.433965	.9973594

#1	4.941664	43.15655	.1720085	-.024138	3.803131	.3076776	11.30201
#2	4.935149	42.98094	.1741598	-.024536	4.019643	.3060192	11.47401
#3	4.952593	43.04802	.1722609	-.024767	3.819928	.2994263	11.51766

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21107	.5198684	.4243026	.0153355	.8199756	55.56204	.2095142
Stddev	.07891	.0065663	.0017302	.0004163	.0054075	.25281	.0016003
%RSD	.7728075	1.263075	.4077707	2.714819	.6594665	.4550020	.7638052

#1	10.26843	.5123206	.4227592	.0156956	.8148837	55.84626	.2079197
#2	10.12108	.5230178	.4261729	.0154313	.8193919	55.36226	.2111202
#3	10.24371	.5242668	.4239757	.0148796	.8256513	55.47759	.2095027

Sample Name: M4396-19 Acquired: 01/05/2022 21:26:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.399874	.0977699	.0013438
Stddev	.006094	.0015640	.0004438
%RSD	.4353040	1.599713	33.02573

#1	1.404236	.0959697	.0015120
#2	1.392911	.0987946	.0008405
#3	1.402473	.0985455	.0016789

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1444.616	44941.88	7574.927	1242.687	1835.244
Stddev	8.384	252.48	13.846	14.568	11.595
%RSD	.5803759	.5617954	.1827896	1.172323	.6317903

#1	1452.981	45158.65	7588.034	1258.563	1847.475
#2	1436.212	44664.66	7576.303	1239.567	1824.412
#3	1444.657	45002.32	7560.444	1229.932	1833.844

Sample Name: M4396-20 Acquired: 01/05/2022 21:30:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1005429	-.007001	1.395412	.0278905	-.000608	93.40407	1.669063
Stddev	.0079902	.005829	.013905	.0104514	.002842	1.81750	.016067
%RSD	7.947070	83.25762	.9964721	37.47304	467.3374	1.945843	.9626345

#1	.0976457	-.005853	1.387114	.0343202	-.002630	95.48647	1.686522
#2	.0944055	-.001832	1.387657	.0158311	-.001836	92.13705	1.665767
#3	.1095776	-.013319	1.411465	.0335201	.002641	92.58870	1.654899

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107794	.0772407	59.13433	.1657886	.0776323	.4377871	203.8461
Stddev	.0001971	.0007346	.78186	.0006805	.0012522	.0076485	3.4209
%RSD	1.828890	.9510496	1.322184	.4104855	1.612960	1.747081	1.678177

#1	.0109114	.0767114	60.03594	.1655935	.0770399	.4465647	207.7804
#2	.0108739	.0769313	58.72395	.1665455	.0767863	.4325532	201.5734
#3	.0105527	.0780794	58.64310	.1652270	.0790708	.4342433	202.1845

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.989700	22.99090	.1648360	-.020759	1.283297	.2658899	13.62036
Stddev	.094776	.45307	.0011660	.000716	.067819	.0052061	.14515
%RSD	1.582321	1.970632	.7073494	3.448193	5.284764	1.957990	1.065681

#1	6.098684	23.50204	.1639827	-.019945	1.322809	.2718495	13.72877
#2	5.926587	22.63879	.1643608	-.021045	1.322096	.2635928	13.45546
#3	5.943828	22.83187	.1661645	-.021288	1.204987	.2622275	13.67686

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.76766	.8489480	.2326695	.0067642	.4175279	58.14548	.0206713
Stddev	.33847	.0076866	.0070091	.0003353	.0032126	.60435	.0009817
%RSD	2.458411	.9054211	3.012449	4.957658	.7694307	1.039374	4.749246

#1	14.09060	.8442650	.2403665	.0065300	.4144105	58.81569	.0195422
#2	13.41556	.8447600	.2266543	.0066142	.4173454	57.97875	.0211490
#3	13.79681	.8578191	.2309878	.0071484	.4208279	57.64200	.0213228

Sample Name: M4396-20 Acquired: 01/05/2022 21:30:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.024379	.0661800	-.037543
Stddev	.021561	.0021482	.000999
%RSD	2.104781	3.246003	2.662170

#1	1.048378	.0637954	-.037395
#2	1.006644	.0667804	-.038608
#3	1.018116	.0679641	-.036626

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1438.613	44243.12	7488.233	1233.593	1905.040
Stddev	10.537	233.18	49.838	9.498	16.110
%RSD	.7324222	.5270457	.6655562	.7699737	.8456527

#1	1443.460	44511.43	7430.703	1241.262	1913.473
#2	1445.853	44128.41	7518.235	1236.548	1915.183
#3	1426.524	44089.51	7515.762	1222.968	1886.464

Sample Name: M4396-21 Acquired: 01/05/2022 21:34:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0950103	-.002580	1.576177	.0214030	.0026887	94.59132	1.707628
Stddev	.0037387	.001716	.004552	.0073853	.0016224	.90997	.006071
%RSD	3.935040	66.51677	.2887885	34.50588	60.34181	.9619988	.3554962

#1	.0992826	-.001709	1.572205	.0298847	.0023075	93.88240	1.701888
#2	.0923374	-.001474	1.575183	.0179292	.0044678	95.61743	1.713982
#3	.0934107	-.004557	1.581144	.0163951	.0012909	94.27412	1.707013

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107145	.0762527	71.01848	.1775753	.0737924	.4459689	194.4283
Stddev	.0001218	.0004671	.26306	.0007723	.0000331	.0040653	1.5973
%RSD	1.136808	.6125054	.3704038	.4349451	.0449062	.9115632	.8215342

#1	.0107074	.0763010	70.80026	.1783655	.0737930	.4420719	192.9548
#2	.0108397	.0757633	71.31058	.1768221	.0737590	.4501838	196.1258
#3	.0105964	.0766937	70.94461	.1775383	.0738252	.4456511	194.2044

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.593784	27.78273	.1657062	-.020223	1.324898	.2675417	12.70988
Stddev	.029295	.17093	.0008065	.000329	.104727	.0016860	.23542
%RSD	.5237026	.6152345	.4867336	1.626901	7.904506	.6301762	1.852270

#1	5.568470	27.62186	.1649427	-.020594	1.248810	.2664837	12.47678
#2	5.625873	27.96220	.1656259	-.019966	1.444340	.2666554	12.94755
#3	5.587010	27.76413	.1665498	-.020110	1.281545	.2694860	12.70532

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.93129	.9494166	.2239461	.0061259	.3879905	58.68627	.0193230
Stddev	.04830	.0062136	.0047155	.0002821	.0004736	.29672	.0037085
%RSD	.3234781	.6544654	2.105621	4.604186	.1220714	.5056047	19.19238

#1	14.91761	.9535725	.2187948	.0060790	.3874992	58.85804	.0225567
#2	14.98496	.9422736	.2280493	.0064285	.3880281	58.34365	.0201373
#3	14.89131	.9524037	.2249942	.0058703	.3884442	58.85712	.0152749

Sample Name: M4396-21 Acquired: 01/05/2022 21:34:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.051071	.0656481	-.018313
Stddev	.011873	.0027919	.000557
%RSD	1.129605	4.252794	3.043380

#1	1.043022	.0635176	-.018597
#2	1.064707	.0688086	-.017671
#3	1.045484	.0646179	-.018671

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.496	44048.30	7454.713	1223.180	1891.487
Stddev	2.783	148.23	13.723	7.300	2.952
%RSD	.1938781	.3365162	.1840836	.5968234	.1560919

#1	1432.347	43982.50	7449.557	1231.426	1890.960
#2	1436.513	43944.36	7470.267	1220.572	1894.667
#3	1437.627	44218.04	7444.314	1217.542	1888.833

Sample Name: M4396-20LX5 Acquired: 01/05/2022 21:38:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121994	.0000702	.2734307	.0051075	.0004312	19.97792	.3606901
Stddev	.0022977	.0007660	.0023390	.0006412	.0029190	.00803	.0009697
%RSD	18.83446	1091.288	.8554156	12.55321	676.9557	.0401838	.2688454

#1	.0137459	.0009517	.2717862	.0050749	.0000428	19.98093	.3605690
#2	.0132931	-.000307	.2723976	.0044832	.0035249	19.96883	.3597866
#3	.0095591	-.000434	.2761084	.0057643	-.002274	19.98401	.3617146

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022805	.0147044	12.88130	.0366363	.0145740	.0919161	44.75128
Stddev	.0000639	.0002038	.02078	.0010753	.0001828	.0034379	.10448
%RSD	2.800873	1.385964	.1613096	2.935132	1.254143	3.740261	.2334678

#1	.0022444	.0145663	12.90480	.0371946	.0144978	.0923009	44.82901
#2	.0023542	.0146083	12.86535	.0353967	.0144417	.0883020	44.63251
#3	.0022428	.0149384	12.87376	.0373177	.0147826	.0951454	44.79232

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.313030	4.981884	.0318029	-.005825	.4052550	.0577273	2.971093
Stddev	.005034	.045276	.0009381	.000539	.2132468	.0025722	.020713
%RSD	.3833845	.9088203	2.949726	9.261354	52.62041	4.455774	.6971608

#1	1.316521	5.031199	.0322329	-.006293	.1633250	.0553972	2.993610
#2	1.307260	4.942195	.0324490	-.005947	.4865136	.0604874	2.966817
#3	1.315310	4.972256	.0307269	-.005235	.5659265	.0572973	2.952851

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.100815	.1538221	.0422396	.0012053	.0747241	12.47097	.0001825
Stddev	.047398	.0014036	.0010060	.0009444	.0005768	.02402	.0011279
%RSD	2.256172	.9125062	2.381671	78.35437	.7718731	.1925906	617.9447

#1	2.046084	.1524038	.0421592	.0016289	.0750849	12.46109	-.001032
#2	2.128055	.1538518	.0432834	.0001233	.0740589	12.49835	.000382
#3	2.128304	.1552106	.0412762	.0018637	.0750285	12.45346	.001198

Sample Name: M4396-20LX5 Acquired: 01/05/2022 21:38:35 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2225317	.0126791	-.009019
Stddev	.0015891	.0005769	.000111
%RSD	.7141135	4.549906	1.226586

#1	.2207680	.0131313	-.008894
#2	.2238522	.0128767	-.009058
#3	.2229749	.0120294	-.009104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1309.389	39806.34	6681.511	1107.138	1984.627
Stddev	1.549	326.72	34.025	6.845	1.321
%RSD	.1182768	.8207863	.5092469	.6182306	.0665691

#1	1307.630	39443.60	6648.357	1099.810	1983.703
#2	1310.546	39897.89	6679.832	1108.235	1986.140
#3	1309.991	40077.52	6716.345	1113.367	1984.037

Sample Name: M4396-22 Acquired: 01/05/2022 21:42:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1929108	.0745478	2.147047	.1969248	.0239821	104.0264	5.483863
Stddev	.0092979	.0084382	.005316	.0049353	.0011710	.9209	.003221
%RSD	4.819803	11.31916	.2476095	2.506201	4.882715	.8852605	.0587314

#1	.2012859	.0817581	2.140999	.2003132	.0246710	104.6903	5.484777
#2	.1829056	.0652671	2.149158	.1991988	.0246453	104.4139	5.486528
#3	.1945409	.0766182	2.150983	.1912624	.0226301	102.9751	5.480284

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1098220	.1875553	84.15336	.6202846	1.143906	.8992613	183.7432
Stddev	.0005251	.0002462	.31663	.0033326	.001663	.0111721	1.5460
%RSD	.4781482	.1312531	.3762587	.5372606	.1453378	1.242368	.8413934

#1	.1104144	.1872820	84.27426	.6167216	1.142480	.9018745	184.6335
#2	.1096378	.1877596	84.39174	.6233249	1.143505	.9088951	184.6380
#3	.1094139	.1876244	83.79409	.6208075	1.145732	.8870141	181.9580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.688546	33.68156	1.188324	.0755073	1.609292	1.153669	11.63589
Stddev	.038242	.18164	.002560	.0001787	.087020	.006507	.13170
%RSD	.6722548	.5392867	.2154042	.2366441	5.407355	.5640252	1.131850

#1	5.711085	33.76081	1.186562	.0753625	1.652748	1.157083	11.78072
#2	5.710163	33.81012	1.191261	.0754525	1.666026	1.157758	11.60364
#3	5.644392	33.47377	1.187151	.0757070	1.509103	1.146165	11.52331

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.65721	1.247570	.2156720	.0108224	.3656642	53.23946	.0253803
Stddev	.29732	.005983	.0024238	.0002555	.0036148	.20832	.0013055
%RSD	1.683850	.4795492	1.123814	2.360402	.9885597	.3912814	5.143843

#1	17.79321	1.244921	.2183716	.0105857	.3630135	53.25356	.0239867
#2	17.86220	1.243368	.2149617	.0110932	.3641973	53.44037	.0265749
#3	17.31621	1.254419	.2136829	.0107884	.3697819	53.02445	.0255794

Sample Name: M4396-22 Acquired: 01/05/2022 21:42:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.196984	.0732611	.0105607
Stddev	.011982	.0010459	.0012729
%RSD	1.001051	1.427619	12.05269

#1	1.204846	.0744279	.0115141
#2	1.202913	.0729474	.0110528
#3	1.183193	.0724079	.0091153

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1431.712	44306.46	7572.636	1224.470	1851.587
Stddev	2.646	81.82	45.431	2.989	.792
%RSD	.1847911	.1846753	.5999404	.2441129	.0427689

#1	1428.930	44319.48	7560.680	1222.492	1851.219
#2	1432.009	44218.91	7534.379	1223.011	1852.495
#3	1434.196	44381.00	7622.850	1227.909	1851.045

Sample Name: M4397-01 Acquired: 01/05/2022 21:46:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1313295	-.006877	3.477591	.0252489	.0064407	95.66870
Stddev	.0048550	.003452	.003449	.0052669	.0028030	1.83520
%RSD	3.696812	50.19679	.0991669	20.86002	43.52069	1.918283

#1	.1315550	-.010863	3.478806	.0271093	.0073411	97.78454
#2	.1263657	-.004870	3.473699	.0293331	.0032981	94.71250
#3	.1360678	-.004898	3.480268	.0193042	.0086829	94.50905

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.750567	.0248828	.1294403	139.3705	.1525117	.1568915
Stddev	.022599	.0006538	.0002464	2.2822	.0012083	.0000346
%RSD	1.290956	2.627523	.1903187	1.637519	.7922587	.0220706

#1	1.776645	.0256377	.1291568	142.0054	.1536668	.1569210
#2	1.736693	.0244986	.1296025	138.0954	.1526116	.1569002
#3	1.738365	.0245121	.1295617	138.0109	.1512565	.1568534

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7887930	260.1070	10.89158	43.61795	.2765128	-.024857
Stddev	.0165071	5.4879	.21153	.85962	.0005050	.000419
%RSD	2.092709	2.109859	1.942098	1.970788	.1826358	1.685110

#1	.8076315	266.4280	11.13554	44.61054	.2760032	-.024495
#2	.7818879	257.3352	10.77984	43.11796	.2770131	-.024759
#3	.7768598	256.5578	10.75935	43.12534	.2765221	-.025316

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.609531	.3759872	F 38.07090	9.483475	.5462740	.7329950
Stddev	.164481	.0129316	.27464	.275212	.0037777	.0190200
%RSD	3.568280	3.439360	.7213821	2.902013	.6915364	2.594833

#1	4.662458	.3905146	37.76203	9.792502	.5485721	.7549357
#2	4.741033	.3717136	38.16307	9.264788	.5483358	.7228696
#3	4.425102	.3657334	38.28759	9.393135	.5419140	.7211796

Sample Name: M4397-01 Acquired: 01/05/2022 21:46:32 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0316877	1.197662	47.64603	.0602931	1.772242	.0813420
Stddev	.0001787	.002421	1.21156	.0019996	.031524	.0018705
%RSD	.5640046	.2021749	2.542838	3.316458	1.778769	2.299514
#1	.0318640	1.200297	49.04088	.0585257	1.808632	.0832511
#2	.0316925	1.197157	46.85542	.0598903	1.754835	.0812622
#3	.0315067	1.195534	47.04180	.0624635	1.753261	.0795127

Elem	Sr4077
Units	ppm
Avg	-.015608
Stddev	.000664
%RSD	4.251631
#1	-.015929
#2	-.016049
#3	-.014845

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1444.983	44681.56	7613.804	1228.390	1789.894
Stddev	4.825	20.18	179.800	11.421	5.810
%RSD	.3339346	.0451635	2.361501	.9297386	.3245975
#1	1446.562	44687.42	7407.617	1241.075	1791.897
#2	1439.566	44659.10	7737.952	1225.170	1783.348
#3	1448.822	44698.16	7695.844	1218.925	1794.438

Sample Name: CCV005 Acquired: 01/05/2022 21:50:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.929059	4.859584	24.21141	4.740023	4.500991	379.4329
Stddev	.018657	.014581	.05408	.011287	.011276	1.8207
%RSD	.3785114	.3000458	.2233702	.2381176	.2505255	.4798389

#1	4.920884	4.843531	24.14936	4.729973	4.498692	380.5528
#2	4.950408	4.863214	24.24848	4.752234	4.491042	377.3321
#3	4.915884	4.872007	24.23640	4.737862	4.513240	380.4138

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.537457	.5027099	2.437254	398.0194	15.14458	2.507397
Stddev	.032397	.0042915	.007709	.6463	.01442	.004681
%RSD	.3396774	.8536812	.3163032	.1623758	.0952056	.1866828

#1	9.569524	.5076582	2.429395	398.4781	15.14671	2.502357
#2	9.504741	.5004659	2.437562	397.2803	15.12922	2.508224
#3	9.538106	.5000056	2.444804	398.2998	15.15782	2.511609

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.48350	388.0998	14.81638	389.2165	2.309817	1.284898
Stddev	.07256	1.1387	.02738	1.3537	.004955	.003644
%RSD	.5009543	.2934008	.1848075	.3478113	.2145274	.2835993

#1	14.53187	388.8300	14.82737	389.2461	2.305516	1.284802
#2	14.40008	386.7877	14.78521	387.8482	2.308698	1.281303
#3	14.51857	388.6816	14.83656	390.5552	2.315235	1.288589

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	392.0459	2.339925	15.05397	148.4766	F 5.903207	5.240583
Stddev	2.3742	.005817	.03624	1.0476	.029173	.040019
%RSD	.6055798	.2486019	.2407647	.7055360	.4941883	.7636420

#1	393.1937	2.340160	15.03842	149.2799	5.869725	5.286590
#2	389.3160	2.333994	15.02809	147.2917	5.923150	5.213828
#3	393.6282	2.345621	15.09539	148.8581	5.916747	5.221332

Sample Name: CCV005 Acquired: 01/05/2022 21:50:29 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.702583	5.057267	5.065690	4.802175	4.816681	5.020368
Stddev	.013460	.018096	.041875	.041773	.022429	.011637
%RSD	.2862336	.3578118	.8266452	.8698845	.4656427	.2317883
#1	4.687995	5.037067	5.112112	4.759316	4.820038	5.032220
#2	4.705233	5.062738	5.030761	4.804438	4.792762	5.008960
#3	4.714521	5.071995	5.054198	4.842771	4.837241	5.019923

Elem	Sr4077
Units	ppm
Avg	F 4.495695
Stddev	.033583
%RSD	.7469959
#1	4.520939
#2	4.457581
#3	4.508565

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1047.639	34454.83	6093.314	902.9803	1469.323
Stddev	1.321	225.76	17.505	.8754	2.533
%RSD	.1261230	.6552430	.2872758	.0969419	.1723964
#1	1048.692	34709.65	6078.828	903.9823	1472.063
#2	1046.156	34375.05	6112.765	902.3641	1468.839
#3	1048.068	34279.79	6088.350	902.5945	1467.067

Sample Name: CCB005 Acquired: 01/05/2022 21:54:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001606	.0056483	-.001348	.0005167	-.001731	.0145840	.0016933
Stddev	.004269	.0028030	.000548	.0041308	.002528	.0076017	.0010704
%RSD	265.8274	49.62586	40.68099	799.5051	146.0181	52.12330	63.21210

#1	-.006470	.0030705	-.001445	.0013705	.000604	.0058170	.0022443
#2	.000135	.0086322	-.000757	-.003974	-.004416	.0193424	.0004597
#3	.001517	.0052421	-.001841	.004154	-.001383	.0185926	.0023759

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000312	.0001184	.0021138	-.000030	-.000259	-.004124	.0195509
Stddev	.0000562	.0000265	.0126160	.000445	.000451	.003849	.0117489
%RSD	180.1872	22.41829	596.8448	1505.115	174.3231	93.33177	60.09401

#1	.0000752	.0001490	.0166764	-.000299	-.000134	-.001020	.0186153
#2	-.000032	.0001033	-.004835	.000485	-.000759	-.002921	.0317396
#3	.000050	.0001029	-.005500	-.000274	.000117	-.008430	.0082977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001559	.0437730	.0004131	-.001218	.2534688	-.003396	-.001905
Stddev	.0003142	.0358605	.0004816	.000778	.0854506	.003060	.003052
%RSD	201.5066	81.92374	116.5854	63.83873	33.71246	90.08836	160.1642

#1	-.000145	.0841741	.0007690	-.000322	.1552401	-.001232	-.005368
#2	.000482	.0157122	-.000135	-.001713	.3106545	-.002060	.000394
#3	.000132	.0314326	.000605	-.001619	.2945119	-.006897	-.000742

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.142102	-.000530	-.001750	.0003569	-.000147	.0005207	-.000300
Stddev	.105741	.000272	.000968	.0003453	.000440	.0010628	.001996
%RSD	74.41180	51.23741	55.35031	96.76053	299.2901	204.1021	666.2840

#1	-.194415	-.000315	-.002801	.0000504	-.000637	.0007023	.000426
#2	-.020402	-.000835	-.000895	.0007310	.000215	-.000621	.001232
#3	-.211489	-.000440	-.001553	.0002892	-.000019	.001481	-.002557

Sample Name: CCB005 Acquired: 01/05/2022 21:54:16 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000104	-.001227	.0001905
Stddev	.001643	.002620	.0000849
%RSD	1584.548	213.6209	44.57861

#1	-.000120	-.003762	.0001422
#2	.001548	-.001389	.0001407
#3	-.001738	.001471	.0002885

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1260.177	38055.25	6317.650	1061.257	1968.722
Stddev	1.426	318.38	31.009	8.005	3.048
%RSD	.1131326	.8366286	.4908319	.7542810	.1548201

#1	1258.537	38034.83	6282.925	1066.182	1970.669
#2	1260.869	38383.36	6327.450	1065.569	1965.210
#3	1261.124	37747.58	6342.575	1052.021	1970.288

Sample Name: M4397-02 Acquired: 01/05/2022 21:59:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0689474	-.010211	.5504200	.0270004	.0030215	112.7661	1.684193
Stddev	.0096738	.004043	.0022781	.0069592	.0042546	.2350	.007952
%RSD	14.03073	39.59681	.4138786	25.77437	140.8125	.2083711	.4721315

#1	.0651689	-.014879	.5489229	.0343455	-.001295	112.8872	1.675791
#2	.0799402	-.007897	.5530417	.0261505	.003148	112.4952	1.691600
#3	.0617330	-.007856	.5492953	.0205052	.007212	112.9158	1.685189

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120277	.0197396	63.18362	.1613373	.0952097	.1892516	187.1486
Stddev	.0001100	.0001900	.07730	.0003899	.0002501	.0006394	.4244
%RSD	.9148135	.9625405	.1223480	.2416811	.2627032	.3378600	.2267600

#1	.0121529	.0198026	63.12006	.1617791	.0954734	.1889195	187.3855
#2	.0119464	.0198901	63.16113	.1611918	.0951798	.1888466	186.6587
#3	.0119838	.0195261	63.26968	.1610411	.0949758	.1899887	187.4017

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.410744	20.25904	.1383384	-.020536	3.772637	.3128376	7.349888
Stddev	.008652	.05616	.0021780	.000302	.097733	.0052632	.055569
%RSD	.1349533	.2772254	1.574391	1.468612	2.590567	1.682413	.7560528

#1	6.403492	20.19583	.1382141	-.020216	3.664126	.3078280	7.308942
#2	6.408421	20.30322	.1362252	-.020579	3.800045	.3123626	7.327576
#3	6.420320	20.27806	.1405758	-.020815	3.853739	.3183223	7.413145

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.373490	.3916390	.3498130	.0093680	.3251150	52.67693	.0171037
Stddev	.036922	.0041302	.0025170	.0002713	.0007305	.36234	.0009020
%RSD	.4409350	1.054599	.7195404	2.896446	.2246991	.6878442	5.273807

#1	8.415903	.3888237	.3517278	.0090664	.3243948	53.08463	.0165748
#2	8.356037	.3897128	.3469620	.0095922	.3250947	52.55445	.0165911
#3	8.348531	.3963805	.3507492	.0094455	.3258554	52.39171	.0181452

Sample Name: M4397-02 Acquired: 01/05/2022 21:59:05 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.294878	.0857795	-.023448
Stddev	.004748	.0019537	.000459
%RSD	.3666471	2.277567	1.958985

#1	1.291395	.0837924	-.022971
#2	1.292954	.0876980	-.023887
#3	1.300286	.0858482	-.023487

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1423.676	43414.75	7378.012	1205.482	1868.894
Stddev	2.778	198.22	29.204	5.795	4.540
%RSD	.1951042	.4565635	.3958290	.4806832	.2429023

#1	1420.969	43564.61	7344.606	1208.416	1864.116
#2	1426.519	43489.64	7398.705	1209.222	1873.150
#3	1423.540	43190.00	7390.725	1198.807	1869.416

Sample Name: M4397-03 Acquired: 01/05/2022 22:03:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0905366	.0009587	1.589704	.0245480	.0021481	93.38513	2.073665
Stddev	.0128429	.0072768	.006342	.0116638	.0061121	.85295	.005021
%RSD	14.18535	759.0514	.3989152	47.51427	284.5427	.9133636	.2421239

#1	.0788646	-.001329	1.590306	.0343464	.0069196	92.89267	2.072615
#2	.1042950	.009104	1.583083	.0116464	-.004741	92.89269	2.069253
#3	.0884503	-.004900	1.595723	.0276512	.004266	94.37002	2.079128

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087280	.0629106	90.89794	.1581752	.0945243	.5594257	162.7164
Stddev	.0002819	.0001351	.33126	.0012161	.0002729	.0052780	1.0929
%RSD	3.230112	.2147202	.3644287	.7688430	.2887069	.9434603	.6716864

#1	.0086748	.0630638	90.77970	.1589746	.0942456	.5543519	162.0307
#2	.0090327	.0628086	90.64203	.1567757	.0945365	.5590387	162.1416
#3	.0084764	.0628594	91.27210	.1587754	.0947910	.5648865	163.9768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.39592	42.02820	.1551036	-.017832	1.197171	.2887506	8.482879
Stddev	.06572	.25652	.0005883	.000241	.207729	.0040063	.088477
%RSD	.6321538	.6103613	.3792703	1.352896	17.35168	1.387449	1.043004

#1	10.37367	41.92737	.1554897	-.018082	1.297920	.2846562	8.512248
#2	10.34422	41.83740	.1553945	-.017812	1.335312	.2926625	8.383453
#3	10.46988	42.31981	.1544266	-.017601	.958279	.2889330	8.552937

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.59589	.9601851	.1813578	.0066482	.3656043	55.17056	.0196418
Stddev	.14193	.0043280	.0016136	.0007032	.0037567	.20793	.0023465
%RSD	1.043912	.4507488	.8897166	10.57723	1.027527	.3768800	11.94665

#1	13.52561	.9650384	.1809578	.0074422	.3663274	54.93198	.0177399
#2	13.50281	.9567260	.1831338	.0063982	.3689469	55.26659	.0189213
#3	13.75924	.9587908	.1799820	.0061041	.3615386	55.31312	.0222641

Sample Name: M4397-03 Acquired: 01/05/2022 22:03:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9W9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.074671	.0598010	.0018449
Stddev	.011387	.0012706	.0006976
%RSD	1.059572	2.124788	37.81092

#1	1.068212	.0586722	.0017840
#2	1.067983	.0595536	.0011797
#3	1.087819	.0611771	.0025709

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1393.130	43026.72	7284.221	1191.213	1845.340
Stddev	5.659	236.46	33.850	10.182	4.001
%RSD	.4061771	.5495552	.4647058	.8547988	.2168360

#1	1396.680	42808.68	7268.196	1180.253	1847.668
#2	1396.106	43278.06	7323.108	1200.380	1847.631
#3	1386.605	42993.42	7261.359	1193.005	1840.719

Sample Name: M4397-04 Acquired: 01/05/2022 22:07:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1023604	-.009775	1.680559	.0272195	.0029107	130.5187	1.395913
Stddev	.0120784	.003872	.008694	.0040623	.0039392	.9685	.001467
%RSD	11.79986	39.61657	.5173289	14.92422	135.3343	.7420723	.1050780

#1	.1008100	-.008226	1.676866	.0319101	.0063183	130.7508	1.394430
#2	.1151391	-.006916	1.674321	.0249062	-.001402	131.3502	1.397363
#3	.0911321	-.014182	1.690490	.0248422	.003816	129.4552	1.395945

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105960	.0577158	52.71430	.1950027	.0793812	.2439604	214.6283
Stddev	.0001246	.0001609	.12441	.0004232	.0006244	.0023551	1.4249
%RSD	1.175817	.2787733	.2360093	.2170397	.7865689	.9653530	.6639086

#1	.0105491	.0576455	52.79142	.1946759	.0788937	.2421150	214.8209
#2	.0105016	.0576021	52.78070	.1954808	.0800849	.2466129	215.9472
#3	.0107372	.0578999	52.57077	.1948513	.0791649	.2431533	213.1169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.236359	34.83492	.1928511	-.021836	1.126853	.3459850	8.913378
Stddev	.023221	.21276	.0004480	.000188	.506419	.0025462	.170379
%RSD	.5481260	.6107655	.2323077	.8628876	44.94100	.7359261	1.911494

#1	4.240951	34.94947	.1923521	-.021660	1.189502	.3489212	9.108738
#2	4.256940	34.96587	.1932188	-.021814	1.599033	.3443860	8.835814
#3	4.211185	34.58943	.1929823	-.022034	.592024	.3446477	8.795581

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.28200	.6869720	.2170449	.0029763	.2083535	52.48132	.0144749
Stddev	.21484	.0007690	.0019880	.0001706	.0001018	.44579	.0027411
%RSD	.9227530	.1119331	.9159491	5.730264	.0488690	.8494279	18.93685

#1	23.29417	.6864077	.2183257	.0028649	.2083188	51.96676	.0137890
#2	23.49049	.6878478	.2180544	.0028913	.2084682	52.72651	.0121419
#3	23.06133	.6866605	.2147547	.0031726	.2082736	52.75070	.0174938

Sample Name: M4397-04 Acquired: 01/05/2022 22:07:07 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9X6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.055695	.0852088	-.084510
Stddev	.002912	.0012262	.000286
%RSD	.2758442	1.439053	.3387876

#1	1.058107	.0843492	-.084281
#2	1.056517	.0866130	-.084831
#3	1.052460	.0846643	-.084418

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1420.333	43700.09	7369.646	1214.103	1851.017
Stddev	3.389	312.55	36.780	10.132	3.906
%RSD	.2386339	.7152097	.4990785	.8345444	.2110397

#1	1419.963	43389.20	7404.745	1202.517	1852.978
#2	1423.892	43696.79	7331.388	1218.488	1853.555
#3	1417.143	44014.27	7372.805	1221.303	1846.519

Sample Name: M4397-05 Acquired: 01/05/2022 22:11:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1977837	-.006263	2.943916	.0214799	-.000606	101.5734	3.482406
Stddev	.0074936	.000811	.004903	.0039735	.002192	1.0251	.021158
%RSD	3.788790	12.95139	.1665475	18.49865	361.9859	1.009247	.6075708

#1	.2023207	-.005338	2.938936	.0203171	.000690	101.2360	3.468471
#2	.1891343	-.006601	2.944074	.0182176	-.003137	102.7247	3.506752
#3	.2018961	-.006851	2.948738	.0259051	.000630	100.7594	3.471994

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102407	.1273076	70.25122	.1875067	.1529781	.3482955	174.7629
Stddev	.0001141	.0006178	.23226	.0008104	.0002509	.0096956	.8046
%RSD	1.114137	.4852555	.3306181	.4321845	.1640357	2.783733	.4603874

#1	.0101514	.1266280	70.11812	.1867186	.1531645	.3544454	174.4026
#2	.0103693	.1278351	70.51941	.1883377	.1526928	.3533224	175.6846
#3	.0102016	.1274596	70.11614	.1874637	.1530771	.3371188	174.2014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.69809	22.16474	.1802176	-.018213	1.237247	.3122998	12.98658
Stddev	.03225	.16095	.0013107	.000684	.139966	.0051264	.03008
%RSD	.3014491	.7261708	.7272907	3.753199	11.31271	1.641493	.2316399

#1	10.68279	22.03124	.1789047	-.018380	1.167156	.3074977	12.95736
#2	10.73514	22.34347	.1815261	-.018798	1.398412	.3176983	12.98492
#3	10.67634	22.11952	.1802219	-.017462	1.146174	.3117035	13.01745

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.86665	1.007563	.2028319	.0035145	.3092219	54.33957	.0582263
Stddev	.20984	.006410	.0012206	.0000766	.0015706	.19185	.0026639
%RSD	1.322525	.6361615	.6017617	2.179879	.5079259	.3530510	4.575015

#1	15.78539	1.000443	.2023886	.0035287	.3079468	54.23966	.0604457
#2	16.10497	1.012872	.2042122	.0035830	.3087425	54.56075	.0552722
#3	15.70959	1.009374	.2018950	.0034317	.3109763	54.21830	.0589608

Sample Name: M4397-05 Acquired: 01/05/2022 22:11:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.124634	.0612789	.0571236
Stddev	.011739	.0011743	.0019007
%RSD	1.043787	1.916372	3.327392

#1	1.119207	.0600086	.0569069
#2	1.138104	.0623248	.0591235
#3	1.116591	.0615035	.0553406

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1432.894	43847.18	7383.943	1218.220	1878.239
Stddev	.615	185.13	5.960	7.778	3.637
%RSD	.0429064	.4222088	.0807171	.6384740	.1936202

#1	1432.192	43643.19	7380.515	1216.364	1882.383
#2	1433.154	43893.86	7380.488	1226.759	1876.753
#3	1433.336	44004.51	7390.825	1211.538	1875.581

Sample Name: M4397-06 Acquired: 01/05/2022 22:15:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0927300	-.007227	.2990611	.0259716	.0031983	141.5997	1.300718
Stddev	.0141696	.009645	.0013667	.0038349	.0027217	1.1839	.000191
%RSD	15.28048	133.4516	.4570084	14.76569	85.09792	.8361001	.0146739

#1	.0880633	-.016174	.2976144	.0293032	.0008042	140.3219	1.300517
#2	.1086444	.002990	.2992384	.0268321	.0026322	141.8176	1.300896
#3	.0814823	-.008498	.3003305	.0217796	.0061585	142.6594	1.300743

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098486	.0061091	33.06414	.1867049	.0711583	.1197480	192.3348
Stddev	.0001185	.0001471	.10535	.0018319	.0003271	.0020298	1.6890
%RSD	1.203408	2.408155	.3186323	.9811868	.4596253	1.695068	.8781666

#1	.0097613	.0062721	32.98230	.1858087	.0708165	.1196630	190.5527
#2	.0099835	.0059860	33.02711	.1888124	.0714683	.1218189	192.5397
#3	.0098010	.0060694	33.18301	.1854937	.0711902	.1177620	193.9120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.237682	25.61253	.1294253	-.021418	1.284885	.3232582	1.801247
Stddev	.031183	.26465	.0009201	.000696	.181729	.0043870	.017885
%RSD	.7358408	1.033268	.7108994	3.251823	14.14358	1.357117	.9929046

#1	4.204637	25.31528	.1285606	-.021186	1.108226	.3239031	1.782638
#2	4.241818	25.69974	.1303922	-.022200	1.471291	.3272870	1.818306
#3	4.266590	25.82256	.1293231	-.020866	1.275138	.3185844	1.802797

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.83606	.3993828	.1971671	.0050716	.1993318	51.88847	.0085229
Stddev	.39111	.0005950	.0036080	.0003429	.0015504	.65355	.0012541
%RSD	2.192827	.1489766	1.829906	6.761780	.7777962	1.259538	14.71430

#1	17.42050	.3991025	.1931048	.0054667	.1975905	51.13508	.0071975
#2	17.89070	.3989798	.1983980	.0048976	.1998422	52.30310	.0086804
#3	18.19698	.4000662	.1999986	.0048505	.2005626	52.22724	.0096908

Sample Name: M4397-06 Acquired: 01/05/2022 22:15:08 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.163872	.0763978	-.081282
Stddev	.007832	.0005498	.000419
%RSD	.6729455	.7196469	.5152859

#1	1.156410	.0758863	-.081731
#2	1.163177	.0763279	-.081211
#3	1.172028	.0769792	-.080902

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1434.660	43627.92	7359.673	1211.502	1869.474
Stddev	2.675	224.87	84.320	8.203	3.092
%RSD	.1864560	.5154218	1.145697	.6771074	.1653865

#1	1432.404	43846.40	7434.571	1220.301	1865.982
#2	1433.960	43397.17	7376.099	1210.139	1871.866
#3	1437.615	43640.20	7268.349	1204.065	1870.573

Sample Name: M4397-07 Acquired: 01/05/2022 22:19:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0724438	-.008623	1.443836	.0210054	.0021455	96.90865	1.783348
Stddev	.0104723	.003080	.002841	.0041468	.0017195	2.15976	.036900
%RSD	14.45578	35.71697	.1967594	19.74181	80.14840	2.228656	2.069139

#1	.0845356	-.005147	1.444127	.0177643	.0012598	98.33255	1.803152
#2	.0665056	-.011011	1.440860	.0256784	.0041273	94.42358	1.740774
#3	.0662903	-.009711	1.446520	.0195734	.0010493	97.96981	1.806119

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100435	.0755619	62.81676	.1663112	.0876998	.2762101	172.0012
Stddev	.0001741	.0002060	1.32650	.0008521	.0001274	.0082067	3.7150
%RSD	1.733181	.2726215	2.111694	.5123281	.1452614	2.971182	2.159876

#1	.0101797	.0757073	63.47815	.1661369	.0875953	.2849172	174.1116
#2	.0098474	.0753261	61.28960	.1655597	.0876624	.2686177	167.7117
#3	.0101036	.0756522	63.68252	.1672369	.0878417	.2750956	174.1804

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.141396	29.66698	.1678845	-.018448	4.279017	.2772359	8.492541
Stddev	.133721	.64749	.0015814	.000508	.117219	.0048706	.049542
%RSD	2.177378	2.182531	.9419616	2.756273	2.739386	1.756861	.5833616

#1	6.213720	30.03437	.1684035	-.018568	4.393194	.2781081	8.515447
#2	5.987088	28.91936	.1661088	-.018885	4.284880	.2719880	8.526485
#3	6.223380	30.04721	.1691412	-.017890	4.158976	.2816115	8.435691

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09308	.7733826	.2084834	.0065328	.4224686	52.75009	.0176803
Stddev	.20667	.0014492	.0057982	.0004483	.0015303	1.03940	.0006174
%RSD	2.047660	.1873881	2.781153	6.862303	.3622201	1.970429	3.491829

#1	10.18581	.7719127	.2081727	.0070501	.4216163	53.43939	.0183801
#2	9.85628	.7748102	.2028467	.0062893	.4242352	51.55455	.0172125
#3	10.23715	.7734249	.2144307	.0062589	.4215542	53.25632	.0174484

Sample Name: M4397-07 Acquired: 01/05/2022 22:19:10 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9X9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.553884	.0732866	.1386011
Stddev	.040032	.0030338	.0029385
%RSD	2.576233	4.139636	2.120108

#1	1.574796	.0744142	.1411373
#2	1.507727	.0698505	.1353810
#3	1.579128	.0755952	.1392850

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1424.349	43597.56	7461.372	1206.952	1869.854
Stddev	2.054	97.49	121.356	15.407	5.593
%RSD	.1442294	.2236200	1.626452	1.276559	.2991172

#1	1426.688	43615.04	7366.632	1209.007	1874.103
#2	1423.526	43492.51	7598.159	1190.620	1871.942
#3	1422.834	43685.13	7419.325	1221.229	1863.518

Sample Name: M4397-08 Acquired: 01/05/2022 22:23:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0805578	-.007874	.5951815	.0202608	.0027698	110.1585	1.759974
Stddev	.0066892	.009839	.0017314	.0076983	.0015857	.3188	.003311
%RSD	8.303622	124.9532	.2908977	37.99597	57.24892	.2894047	.1881222

#1	.0737671	-.004810	.5959341	.0193894	.0022241	110.3775	1.763672
#2	.0871407	.000068	.5932012	.0130353	.0045562	110.3052	1.757286
#3	.0807657	-.018880	.5964093	.0283577	.0015290	109.7927	1.758963

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103035	.0300588	42.47911	.1750287	.0716914	.1910554	196.8094
Stddev	.0000421	.0001531	.13643	.0007508	.0005942	.0025138	.4589
%RSD	.4082433	.5093395	.3211693	.4289503	.8288060	1.315747	.2331766

#1	.0103455	.0299980	42.58329	.1743182	.0718441	.1936724	197.0450
#2	.0103035	.0302329	42.52937	.1758141	.0710358	.1908343	197.1027
#3	.0102614	.0299454	42.32468	.1749537	.0721944	.1886594	196.2805

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.537271	24.47991	.1609668	-.022306	2.320872	.3126356	4.253571
Stddev	.009422	.10781	.0008286	.000631	.061302	.0045712	.010484
%RSD	.2076611	.4403935	.5147395	2.828238	2.641355	1.462137	.2464790

#1	4.537042	24.57456	.1618855	-.022028	2.332872	.3163177	4.242395
#2	4.546806	24.50260	.1607391	-.021863	2.375287	.3140698	4.263189
#3	4.527966	24.36256	.1602760	-.023029	2.254457	.3075193	4.255128

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.240265	.5222060	.2112396	.0053837	.2892370	53.21131	.0129647
Stddev	.129741	.0013142	.0049358	.0004181	.0008107	.29915	.0006580
%RSD	1.574474	.2516627	2.336583	7.765445	.2802956	.5621957	5.075063

#1	8.334950	.5209923	.2101959	.0054308	.2893013	53.40835	.0124262
#2	8.293465	.5236017	.2069091	.0057761	.2900136	52.86708	.0127698
#3	8.092380	.5220242	.2166137	.0049440	.2883960	53.35851	.0136981

Sample Name: M4397-08 Acquired: 01/05/2022 22:23:11 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.296878	.0828080	-.067992
Stddev	.004097	.0011014	.000202
%RSD	.3158925	1.330128	.2977363

#1	1.301221	.0823373	-.068014
#2	1.296332	.0820201	-.068182
#3	1.293083	.0840666	-.067779

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1432.661	43637.64	7359.322	1212.807	1881.212
Stddev	3.642	220.90	11.965	7.711	4.142
%RSD	.2542232	.5062164	.1625894	.6358156	.2201717

#1	1436.863	43829.40	7366.334	1221.597	1884.717
#2	1430.718	43396.10	7345.506	1207.179	1882.276
#3	1430.403	43687.43	7366.127	1209.645	1876.641

Sample Name: M4397-09 Acquired: 01/05/2022 22:27:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0749725	-.011451	.5926838	.0197793	.0021943	102.1947	1.653644
Stddev	.0165775	.002189	.0035665	.0063072	.0042291	.3314	.002276
%RSD	22.11146	19.11416	.6017485	31.88799	192.7355	.3243177	.1376176

#1	.0619292	-.013893	.5897486	.0196856	-.002283	102.5566	1.653279
#2	.0936275	-.009666	.5916498	.0261328	.006121	101.9059	1.656080
#3	.0693608	-.010794	.5966530	.0135194	.002744	102.1217	1.651573

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092174	.0350441	44.74027	.1603106	.0714778	.1591686	173.0224
Stddev	.0001389	.0002967	.12115	.0007089	.0006354	.0021008	.5321
%RSD	1.507363	.8466556	.2707935	.4422164	.8889321	1.319826	.3075559

#1	.0093161	.0347739	44.86788	.1607592	.0708407	.1613866	173.5343
#2	.0092776	.0349968	44.72613	.1606792	.0721115	.1572091	172.4721
#3	.0090585	.0353617	44.62681	.1594933	.0714812	.1589101	173.0607

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.629497	22.84401	.1414498	-.019148	1.418411	.2731485	4.754445
Stddev	.008952	.06460	.0008603	.000429	.167417	.0067870	.015655
%RSD	.1933630	.2828052	.6081968	2.242160	11.80313	2.484732	.3292773

#1	4.639634	22.90287	.1412656	-.019179	1.406503	.2809694	4.741106
#2	4.622677	22.77489	.1423873	-.019561	1.257266	.2688036	4.750550
#3	4.626179	22.85428	.1406966	-.018704	1.591463	.2696725	4.771681

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.228627	.4362469	.1900582	.0052474	.2759007	53.63939	.0100763
Stddev	.086594	.0023926	.0017151	.0006681	.0020107	.28154	.0017228
%RSD	1.197928	.5484460	.9024346	12.73133	.7287764	.5248743	17.09715

#1	7.322839	.4356677	.1884795	.0058768	.2766623	53.86401	.0083561
#2	7.210530	.4341971	.1898119	.0053191	.2736205	53.73060	.0100712
#3	7.152512	.4388759	.1918831	.0045464	.2774194	53.32355	.0118016

Sample Name: M4397-09 Acquired: 01/05/2022 22:27:14 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9Y1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.287888	.0703595	-.034060
Stddev	.006979	.0021895	.000333
%RSD	.5418745	3.111906	.9770771

#1	1.293895	.0705049	-.033689
#2	1.280233	.0681008	-.034332
#3	1.289535	.0724726	-.034161

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1425.972	43417.10	7298.010	1210.778	1898.701
Stddev	3.402	238.03	24.158	5.470	4.826
%RSD	.2385524	.5482445	.3310153	.4517941	.2541962

#1	1429.883	43155.75	7277.739	1217.012	1902.740
#2	1424.335	43474.09	7291.550	1208.541	1900.008
#3	1423.698	43621.46	7324.741	1206.781	1893.356

Sample Name: M4397-10 Acquired: 01/05/2022 22:31:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0661270	-.012460	.3070683	.0208912	.0032013	105.3144	1.664365
Stddev	.0007526	.007965	.0041275	.0013235	.0039835	1.1899	.006658
%RSD	1.138100	63.92203	1.344157	6.335187	124.4356	1.129820	.4000147

#1	.0652611	-.009399	.3092347	.0224127	-.000874	106.5186	1.671847
#2	.0666239	-.021502	.3023087	.0200064	.003391	104.1394	1.659094
#3	.0664960	-.006480	.3096615	.0202545	.007087	105.2851	1.662155

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076534	.0087715	37.56613	.1562899	.0841312	.1007918	158.5477
Stddev	.0002215	.0001031	.22577	.0004361	.0006894	.0018600	1.9148
%RSD	2.893984	1.175888	.6010060	.2790457	.8194524	1.845422	1.207697

#1	.0078864	.0088681	37.75767	.1558461	.0838192	.1029390	160.2834
#2	.0074456	.0086629	37.31720	.1567179	.0836530	.0996785	156.4938
#3	.0076283	.0087834	37.62351	.1563056	.0849215	.0997577	158.8660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.930819	20.66594	.1221678	-.017828	1.231757	.2767688	2.101665
Stddev	.040628	.25430	.0011183	.000537	.284296	.0031334	.034842
%RSD	.8239635	1.230534	.9153884	3.013862	23.08052	1.132129	1.657843

#1	4.969179	20.95096	.1232355	-.018336	1.534840	.2785264	2.106955
#2	4.888250	20.46227	.1222630	-.017265	.970991	.2786289	2.064480
#3	4.935027	20.58458	.1210050	-.017882	1.189441	.2731512	2.133559

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.898704	.3379350	.1661618	.0030798	.1723607	53.09973	.0091503
Stddev	.141801	.0010853	.0038348	.0001716	.0014149	.46153	.0028470
%RSD	2.055475	.3211553	2.307867	5.571347	.8208776	.8691681	31.11389

#1	6.955658	.3366947	.1677643	.0032196	.1739619	53.62303	.0060501
#2	6.737281	.3387105	.1617857	.0028883	.1712790	52.92538	.0097530
#3	7.003173	.3383998	.1689355	.0031316	.1718412	52.75078	.0116476

Sample Name: M4397-10 Acquired: 01/05/2022 22:31:17 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.623745	.0709050	-.033343
Stddev	.022299	.0002589	.000564
%RSD	1.373329	.3651242	1.692449

#1	1.645888	.0710617	-.033808
#2	1.601292	.0706062	-.032715
#3	1.624055	.0710472	-.033506

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1411.116	42916.73	7249.882	1189.633	1899.236
Stddev	1.711	508.15	81.665	12.872	2.030
%RSD	.1212310	1.184045	1.126433	1.082030	.1068914

#1	1410.984	42809.07	7181.823	1192.356	1899.846
#2	1412.889	43470.08	7340.437	1200.927	1900.891
#3	1409.475	42471.03	7227.386	1175.618	1896.970

Sample Name: M4397-11 Acquired: 01/05/2022 22:35:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1123879	-.000648	2.469921	.0202370	.0023000	94.88225	2.024615
Stddev	.0119119	.007396	.004578	.0081509	.0039968	1.12769	.011465
%RSD	10.59895	1141.536	.1853502	40.27725	173.7765	1.188513	.5662701

#1	.1004379	-.009131	2.471783	.0256744	.0038163	95.56016	2.036452
#2	.1124644	.004443	2.464705	.0108653	.0053168	95.50611	2.023832
#3	.1242614	.002744	2.473274	.0241715	-.002233	93.58048	2.013563

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119740	.0871091	110.1407	.2011334	.0960214	.3505830	196.8097
Stddev	.0003002	.0001339	1.0772	.0008876	.0009635	.0077091	2.1421
%RSD	2.507072	.1536692	.9780566	.4413073	1.003452	2.198928	1.088405

#1	.0120159	.0871760	111.1056	.2021107	.0950312	.3557454	198.2946
#2	.0122511	.0869550	110.3381	.2009123	.0960771	.3542820	197.7804
#3	.0116551	.0871964	108.9784	.2003773	.0969559	.3417215	194.3541

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.063832	32.15082	.1978594	-.020419	1.757714	.2819991	10.80625
Stddev	.066390	.36561	.0002878	.000488	.069888	.0021052	.03051
%RSD	.9398645	1.137173	.1454789	2.390100	3.976056	.7465380	.2822919

#1	7.120739	32.33159	.1980069	-.019885	1.691270	.2796482	10.77103
#2	7.079865	32.39084	.1980436	-.020528	1.830600	.2826390	10.82421
#3	6.990894	31.73004	.1975277	-.020843	1.751272	.2837102	10.82351

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.84826	1.515804	.2937456	.0132644	.6304780	55.72409	.0340467
Stddev	.30020	.001780	.0038266	.0002460	.0012728	1.05105	.0020570
%RSD	1.894185	.1174454	1.302702	1.854913	.2018725	1.886175	6.041762

#1	15.92873	1.517243	.2972343	.0130208	.6319107	56.58782	.0352558
#2	16.10002	1.513813	.2943496	.0135128	.6294780	56.03058	.0316716
#3	15.51604	1.516357	.2896529	.0132596	.6300452	54.55385	.0352128

Sample Name: M4397-11 Acquired: 01/05/2022 22:35:20 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.036742	.0783345	.0210059
Stddev	.011943	.0011282	.0012891
%RSD	1.151944	1.440258	6.136655

#1	1.043170	.0770328	.0211368
#2	1.044094	.0789414	.0222245
#3	1.022962	.0790295	.0196564

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1414.740	43439.15	7309.387	1202.431	1850.623
Stddev	.823	444.87	104.445	7.274	3.054
%RSD	.0581553	1.024133	1.428923	.6049289	.1650487

#1	1414.247	43935.51	7246.053	1210.780	1848.287
#2	1415.690	43305.56	7252.170	1197.459	1854.079
#3	1414.283	43076.38	7429.939	1199.056	1849.501

Sample Name: M4397-12 Acquired: 01/05/2022 22:39:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0930154	-.007041	1.063351	.0267187	.0037661	95.19209	1.629144
Stddev	.0116939	.003953	.002227	.0019843	.0025641	.48228	.005474
%RSD	12.57198	56.14895	.2094093	7.426593	68.08435	.5066425	.3360242

#1	.1023904	-.009027	1.065757	.0252279	.0061546	94.88950	1.623035
#2	.0967440	-.009607	1.061363	.0289709	.0040870	95.74826	1.630791
#3	.0799119	-.002488	1.062933	.0259573	.0010566	94.93850	1.633605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095350	.0538134	53.62989	.1658983	.1122277	.2168800	171.0049
Stddev	.0000847	.0001600	.18879	.0122401	.0001601	.0021286	.6636
%RSD	.8883784	.2972261	.3520293	7.378076	.1427048	.9814606	.3880389

#1	.0095064	.0539731	53.48394	.1525167	.1122299	.2164540	170.8631
#2	.0096303	.0536532	53.84310	.1765287	.1120664	.2191894	171.7280
#3	.0094683	.0538139	53.56262	.1686495	.1123867	.2149966	170.4238

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.456065	21.92922	.1650432	-.018233	1.912320	.2696120	6.563377
Stddev	.029996	.10066	.0001500	.002050	.104976	.0025188	.367024
%RSD	.4646231	.4590418	.0908844	11.24415	5.489461	.9342408	5.592000

#1	6.444932	21.83785	.1648925	-.016010	1.824030	.2667098	6.154681
#2	6.490036	22.03713	.1650446	-.020049	1.884538	.2708986	6.864847
#3	6.433227	21.91269	.1651924	-.018640	2.028393	.2712277	6.670601

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.24380	.8810735	.1952200	.0061655	.5491406	54.32203	.0198054
Stddev	.15833	.0007957	.0020800	.0005468	.0033533	.62750	.0033733
%RSD	1.408167	.0903096	1.065438	8.867886	.6106373	1.155147	17.03201

#1	11.30786	.8806596	.1974926	.0055396	.5460663	53.82874	.0174925
#2	11.36006	.8805700	.1934108	.0064072	.5486393	55.02830	.0236760
#3	11.06347	.8819908	.1947567	.0065498	.5527163	54.10907	.0182477

Sample Name: M4397-12 Acquired: 01/05/2022 22:39:19 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9468793	.0790482	-.025835
Stddev	.0037416	.0018904	.000467
%RSD	.3951524	2.391453	1.807275

#1	.9428480	.0783567	-.026079
#2	.9502407	.0811870	-.025297
#3	.9475493	.0776009	-.026130

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1419.926	43697.07	7274.153	1207.056	1884.583
Stddev	.872	2733.57	48.222	72.505	2.812
%RSD	.0614363	6.255724	.6629260	6.006733	.1491995

#1	1420.056	46705.37	7275.349	1288.710	1883.714
#2	1420.727	41365.28	7225.344	1150.215	1887.727
#3	1418.996	43020.55	7321.767	1182.244	1882.309

Sample Name: M4397-13 Acquired: 01/05/2022 22:43:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0601771	-.001034	.5200463	.0237251	.0013543	100.5999	1.242954
Stddev	.0257780	.008388	.0053721	.0038643	.0021425	.8246	.002719
%RSD	42.83693	811.5001	1.032999	16.28781	158.2064	.8197037	.2187917

#1	.0661745	-.008055	.5144744	.0206702	.0035177	101.4612	1.246094
#2	.0824278	-.003300	.5204711	.0224360	.0013119	99.8176	1.241424
#3	.0319291	.008254	.5251933	.0280692	-.000767	100.5211	1.241344

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118766	.0244467	118.2653	.1916686	.0743785	.1544707	204.2546
Stddev	.0001001	.0002811	.3135	.0013220	.0006954	.0003321	1.2242
%RSD	.8423747	1.150035	.2650412	.6897093	.9349024	.2149652	.5993692

#1	.0118752	.0243996	118.5982	.1921349	.0737359	.1541978	205.6264
#2	.0119774	.0247484	117.9759	.1926942	.0751167	.1548404	203.2731
#3	.0117773	.0241921	118.2217	.1901767	.0742829	.1543739	203.8644

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.241246	31.15767	.2303927	-.023596	1.748096	.2802978	3.464132
Stddev	.011681	.11038	.0016202	.000145	.368258	.0028167	.021574
%RSD	.3603854	.3542499	.7032208	.6126119	21.06625	1.004895	.6227731

#1	3.251878	31.26341	.2295267	-.023570	2.146297	.2812969	3.485934
#2	3.228742	31.04318	.2322619	-.023467	1.419802	.2771178	3.442794
#3	3.243119	31.16641	.2293896	-.023752	1.678188	.2824788	3.463667

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.59371	.6685745	.2315331	.0037133	.2626502	54.51151	.0131887
Stddev	.22074	.0043712	.0038457	.0007569	.0025735	.25852	.0024534
%RSD	1.512601	.6538033	1.660960	20.38267	.9797996	.4742552	18.60204

#1	14.81616	.6635621	.2351049	.0028835	.2611677	54.47289	.0159777
#2	14.37471	.6715940	.2320322	.0043657	.2656218	54.27447	.0122245
#3	14.59027	.6705675	.2274623	.0038907	.2611612	54.78717	.0113639

Sample Name: M4397-13 Acquired: 01/05/2022 22:43:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4943895	.1068922	.0307475
Stddev	.0019890	.0007764	.0018365
%RSD	.4023230	.7263508	5.972804

#1	.4965001	.1061237	.0319459
#2	.4941184	.1076763	.0286332
#3	.4925498	.1068765	.0316634

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1394.320	43031.86	7278.055	1187.421	1817.500
Stddev	1.192	177.52	36.193	1.810	1.374
%RSD	.0855130	.4125275	.4972837	.1524027	.0755724

#1	1393.563	42842.15	7281.805	1187.438	1818.283
#2	1395.694	43193.94	7312.226	1189.222	1815.914
#3	1393.701	43059.50	7240.133	1185.603	1818.304

Sample Name: M4397-14 Acquired: 01/05/2022 22:47:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1109109	-.006991	1.501770	.0271754	.0024366	106.5913	1.733518
Stddev	.0234704	.003925	.005839	.0098701	.0019790	.3579	.007608
%RSD	21.16150	56.14425	.3888007	36.31983	81.21947	.3357428	.4388948

#1	.0850102	-.010680	1.495754	.0335143	.0045251	106.9574	1.731289
#2	.1307696	-.007427	1.507415	.0322085	.0005893	106.5743	1.727273
#3	.1169529	-.002866	1.502140	.0158034	.0021953	106.2423	1.741992

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121990	.0462312	74.43526	.1959070	.0961575	.2527215	223.5427
Stddev	.0002136	.0003631	.13106	.0013105	.0003014	.0026483	.5850
%RSD	1.751289	.7853244	.1760789	.6689534	.3134094	1.047928	.2617160

#1	.0119752	.0458600	74.46098	.1968871	.0963133	.2553653	224.1200
#2	.0122209	.0465856	74.55156	.1944184	.0963490	.2527307	223.5580
#3	.0124008	.0462481	74.29324	.1964155	.0958101	.2500686	222.9502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.194061	30.71308	.2441593	-.023619	1.798544	.3297939	7.535139
Stddev	.010159	.19454	.0019171	.000187	.339586	.0030270	.066221
%RSD	.1955829	.6334269	.7851916	.7898424	18.88116	.9178505	.8788240

#1	5.203166	30.81660	.2428127	-.023792	1.987093	.3318057	7.566272
#2	5.195913	30.83397	.2463542	-.023422	2.002022	.3312634	7.459089
#3	5.183104	30.48866	.2433109	-.023643	1.406519	.3263126	7.580056

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.31549	.8464625	.2554905	.0062126	.3189064	51.01833	.0253998
Stddev	.06869	.0041154	.0018047	.0002419	.0023967	.64710	.0032321
%RSD	.4798647	.4861945	.7063561	3.894090	.7515481	1.268377	12.72483

#1	14.34525	.8440517	.2567038	.0063867	.3171928	51.07001	.0290265
#2	14.36428	.8512145	.2534167	.0059363	.3216452	51.63805	.0243492
#3	14.23693	.8441214	.2563512	.0063148	.3178813	50.34694	.0228238

Sample Name: M4397-14 Acquired: 01/05/2022 22:47:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7248948	.0945705	-.017798
Stddev	.0038698	.0012277	.001840
%RSD	.5338479	1.298229	10.33951

#1	.7257569	.0956184	-.017195
#2	.7282608	.0948733	-.016335
#3	.7206666	.0932196	-.019864

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1388.705	42435.51	7174.409	1169.879	1828.211
Stddev	4.211	300.90	75.529	3.402	2.252
%RSD	.3032593	.7090732	1.052755	.2907985	.1231759

#1	1387.178	42223.34	7142.868	1166.110	1827.625
#2	1393.466	42779.88	7119.763	1172.724	1830.697
#3	1385.469	42303.32	7260.596	1170.802	1826.309

Sample Name: M4397-15 Acquired: 01/05/2022 22:51:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0894935	-.011894	.4570472	.0134142	-.001488	89.54292	1.639821
Stddev	.0130345	.006948	.0008670	.0058272	.003892	1.05792	.028187
%RSD	14.56473	58.41869	.1897069	43.44038	261.5344	1.181470	1.718909

#1	.0744431	-.007122	.4561868	.0068567	-.000858	90.74518	1.671303
#2	.0969127	-.008694	.4570340	.0153868	-.005657	89.12919	1.631237
#3	.0971247	-.019865	.4579207	.0179990	.002050	88.75438	1.616925

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078251	.0247758	53.17690	.1471196	.0698969	.1343789	147.7472
Stddev	.0002672	.0002783	.73665	.0005112	.0004545	.0020677	1.4565
%RSD	3.414144	1.123393	1.385274	.3474931	.6502956	1.538718	.9858089

#1	.0080141	.0244646	54.00628	.1469314	.0698565	.1361906	149.3732
#2	.0079419	.0248620	52.92574	.1467292	.0703703	.1348198	147.3066
#3	.0075195	.0250008	52.59868	.1476983	.0694639	.1321263	146.5619

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.019502	23.09350	.1213673	-.017262	1.352161	.2501727	3.284366
Stddev	.051173	.30731	.0002551	.000937	.281795	.0022276	.019360
%RSD	1.019481	1.330717	.2102010	5.428139	20.84031	.8904216	.5894722

#1	5.076645	23.44365	.1211653	-.016402	1.433034	.2527317	3.267948
#2	5.003956	22.96824	.1212826	-.017124	1.584677	.2491181	3.279436
#3	4.977905	22.86860	.1216540	-.018261	1.038773	.2486682	3.305715

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.595748	.5915822	.1622406	.0023666	.2653448	53.22522	.0080947
Stddev	.095502	.0014590	.0023973	.0003501	.0014288	.55274	.0024180
%RSD	1.257314	.2466226	1.477613	14.79250	.5384855	1.038488	29.87091

#1	7.706024	.5916754	.1594833	.0020055	.2638138	53.83201	.0068918
#2	7.540387	.5900788	.1634068	.0027045	.2655778	53.09321	.0108783
#3	7.540832	.5929923	.1638315	.0023898	.2666428	52.75043	.0065142

Sample Name: M4397-15 Acquired: 01/05/2022 22:51:26 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.370500	.0636905	.0178827
Stddev	.015468	.0007877	.0000610
%RSD	1.128645	1.236795	.3409544

#1	1.388330	.0640526	.0178274
#2	1.362492	.0627868	.0179481
#3	1.360677	.0642320	.0178727

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1419.258	43123.94	7245.168	1196.466	1890.821
Stddev	1.588	217.88	81.219	5.499	2.449
%RSD	.1118982	.5052313	1.121006	.4596111	.1295386

#1	1421.092	43325.49	7152.462	1199.098	1891.162
#2	1418.348	43153.55	7279.247	1200.155	1888.219
#3	1418.335	42892.77	7303.796	1190.146	1893.082

Sample Name: M4397-16 Acquired: 01/05/2022 22:55:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1585390	-.006229	2.171998	.0292626	.0050348	99.37083	1.904704
Stddev	.0099362	.001826	.004975	.0035780	.0010293	.59402	.003241
%RSD	6.267329	29.31292	.2290663	12.22730	20.44314	.5977856	.1701425

#1	.1638558	-.004126	2.172306	.0306805	.0059853	98.81176	1.907806
#2	.1646855	-.007406	2.166876	.0251929	.0051777	99.99452	1.901340
#3	.1470758	-.007155	2.176812	.0319144	.0039416	99.30621	1.904967

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123137	.0717425	138.8825	.1909714	.0729011	.3830567	204.0035
Stddev	.0002275	.0002728	.7248	.0009544	.0008954	.0059861	1.2732
%RSD	1.847823	.3802516	.5218483	.4997591	1.228244	1.562727	.6241098

#1	.0120906	.0719292	138.0720	.1913922	.0720743	.3762348	202.8369
#2	.0123050	.0714295	139.4683	.1898790	.0727767	.3855035	205.3616
#3	.0125454	.0718689	139.1071	.1916432	.0738521	.3874319	203.8121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.732592	24.85221	.1674314	-.023009	1.835320	.2852769	11.04973
Stddev	.036819	.21461	.0015470	.000339	.188836	.0033913	.27028
%RSD	.6422735	.8635371	.9239287	1.473144	10.28898	1.188778	2.446006

#1	5.696894	24.66435	.1664874	-.023400	1.693010	.2815106	11.11431
#2	5.770438	25.08610	.1665901	-.022830	1.763403	.2862316	11.28187
#3	5.730445	24.80619	.1692167	-.022797	2.049548	.2880886	10.75301

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.73492	1.782418	.2942907	.0208851	.6508405	51.95430	.0394046
Stddev	.20118	.005340	.0052618	.0004676	.0022201	.80785	.0009212
%RSD	1.134366	.2996087	1.787958	2.238801	.3411149	1.554925	2.337668

#1	17.56276	1.776388	.2962164	.0203694	.6512452	51.29730	.0383658
#2	17.95607	1.786551	.2983184	.0210046	.6484458	51.70931	.0397263
#3	17.68593	1.784313	.2883373	.0212814	.6528304	52.85629	.0401218

Sample Name: M4397-16 Acquired: 01/05/2022 22:55:28 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9Y8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.334388	.0719704	.0830570
Stddev	.014384	.0010863	.0015427
%RSD	1.077947	1.509393	1.857402

#1	1.320620	.0715016	.0818177
#2	1.349317	.0711971	.0847848
#3	1.333228	.0732123	.0825683

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1401.098	42759.58	7305.862	1176.800	1823.506
Stddev	1.855	369.69	61.606	20.475	3.673
%RSD	.1324013	.8645879	.8432450	1.739912	.2014090

#1	1403.005	42564.88	7376.674	1170.794	1825.703
#2	1399.300	42527.92	7276.342	1159.999	1819.266
#3	1400.989	43185.93	7264.571	1199.606	1825.549

Sample Name: M4397-17 Acquired: 01/05/2022 22:59:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Y9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1477254	-.014178	1.411713	.0238463	.0034247	108.7525	1.793181
Stddev	.0166989	.004622	.007423	.0045699	.0028802	.7409	.004687
%RSD	11.30403	32.59974	.5258358	19.16415	84.10028	.6812585	.2613545

#1	.1346954	-.017065	1.414901	.0229488	.0015411	109.4831	1.798513
#2	.1665497	-.016621	1.403228	.0287984	.0067403	108.0018	1.789718
#3	.1419312	-.008847	1.417010	.0197916	.0019928	108.7726	1.791311

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149501	.0724680	93.81874	.2055651	.0795730	.3088618	198.3107
Stddev	.0000201	.0002438	.41625	.0013598	.0006328	.0031924	1.4671
%RSD	.1345450	.3364206	.4436764	.6614797	.7952824	1.033606	.7398196

#1	.0149623	.0724328	94.29531	.2065111	.0791961	.3099007	199.9496
#2	.0149269	.0722437	93.52637	.2061774	.0792194	.3052793	197.1198
#3	.0149611	.0727275	93.63453	.2040068	.0803037	.3114053	197.8626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.417511	21.32051	.1890009	-.022548	3.267789	.3212771	10.63736
Stddev	.041889	.16013	.0006471	.000281	.136306	.0043423	.15388
%RSD	.6527237	.7510669	.3423945	1.246502	4.171207	1.351579	1.446619

#1	6.464112	21.45582	.1897258	-.022605	3.134164	.3262806	10.67474
#2	6.382990	21.14372	.1887955	-.022797	3.406627	.3190573	10.46823
#3	6.405432	21.36198	.1884814	-.022243	3.262575	.3184934	10.76910

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.66353	1.293804	.4936196	.0233974	.5031459	52.34482	.0504121
Stddev	.09304	.002222	.0053907	.0001595	.0027710	.38740	.0033413
%RSD	.5939732	.1717715	1.092085	.6817013	.5507347	.7400863	6.627906

#1	15.75581	1.294496	.4995295	.0235630	.5028022	52.71538	.0465854
#2	15.56976	1.291318	.4889720	.0233845	.5005628	52.37656	.0518991
#3	15.66501	1.295599	.4923572	.0232448	.5060728	51.94253	.0527517

Sample Name: M4397-17 Acquired: 01/05/2022 22:59:27 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9Y9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.464326	.0805514	.0282017
Stddev	.010139	.0014631	.0012540
%RSD	.6923966	1.816340	4.446538

#1	1.475019	.0811182	.0270206
#2	1.454851	.0788898	.0280669
#3	1.463108	.0816464	.0295177

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1443.911	43760.56	7516.147	1210.300	1848.508
Stddev	3.968	109.62	24.446	10.656	3.061
%RSD	.2748274	.2505022	.3252439	.8804782	.1655710

#1	1440.697	43882.90	7488.045	1212.515	1844.976
#2	1442.691	43671.25	7532.505	1219.675	1850.189
#3	1448.346	43727.53	7527.891	1198.710	1850.360

Sample Name: M4397-18 Acquired: 01/05/2022 23:03:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0923249	-.011107	.6202128	.0170003	.0010319	95.86163	1.424884
Stddev	.0079006	.005302	.0026875	.0139065	.0040759	.64672	.000348
%RSD	8.557382	47.73638	.4333217	81.80132	394.9938	.6746437	.0244252

#1	.0927240	-.016472	.6224851	.0314954	.0008438	95.87195	1.425102
#2	.0842323	-.005871	.6172463	.0037686	.0051986	96.50314	1.424482
#3	.1000184	-.010978	.6209071	.0157370	-.002947	95.20981	1.425067

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101292	.0387986	61.54812	.1457765	.0477624	.1966446	146.9441
Stddev	.0001425	.0001578	.19236	.0003241	.0007060	.0024521	.7558
%RSD	1.407148	.4066889	.3125372	.2223519	1.478170	1.246987	.5143267

#1	.0102834	.0388627	61.64583	.1454232	.0485052	.1938848	147.1233
#2	.0101022	.0386189	61.67201	.1458461	.0471000	.1985727	147.5941
#3	.0100022	.0389143	61.32651	.1460601	.0476819	.1974763	146.1147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.528540	19.06483	.1190197	-.016999	1.587862	.2465719	5.616914
Stddev	.014681	.11618	.0015898	.000617	.286752	.0014677	.043208
%RSD	.4160760	.6094045	1.335701	3.629412	18.05898	.5952511	.7692416

#1	3.532044	19.04806	.1205019	-.016685	1.615040	.2448944	5.633615
#2	3.541153	19.18849	.1173407	-.017709	1.860057	.2472009	5.649279
#3	3.512424	18.95795	.1192164	-.016602	1.288488	.2476202	5.567849

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.48393	.8529428	.2508037	.0060574	.3708123	55.08194	.0320522
Stddev	.10695	.0019752	.0060837	.0006515	.0016881	.04919	.0016325
%RSD	.7931862	.2315745	2.425685	10.75509	.4552407	.0893113	5.093167

#1	13.40912	.8550480	.2520465	.0067790	.3725657	55.02602	.0338853
#2	13.60644	.8526504	.2561701	.0058810	.3706730	55.10126	.0307550
#3	13.43625	.8511302	.2441946	.0055124	.3691981	55.11854	.0315164

Sample Name: M4397-18 Acquired: 01/05/2022 23:03:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9528506	.0672584	.0268782
Stddev	.0072643	.0017891	.0010884
%RSD	.7623784	2.660073	4.049184

#1	.9525242	.0692919	.0267937
#2	.9602727	.0665572	.0280063
#3	.9457551	.0659260	.0258346

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1423.000	42852.60	7250.110	1192.663	1880.286
Stddev	3.625	350.42	40.934	5.667	6.032
%RSD	.2547431	.8177285	.5645957	.4751608	.3208217

#1	1419.069	42954.74	7248.625	1189.435	1873.950
#2	1426.211	42462.46	7209.939	1189.347	1880.948
#3	1423.721	43140.60	7291.766	1199.206	1885.960

Sample Name: M4397-19 Acquired: 01/05/2022 23:07:30 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1071299	-.009767	.2260928	.0218437	.0001850	126.7370	2.052370
Stddev	.0094594	.008546	.0024132	.0038708	.0018265	.1372	.003347
%RSD	8.829844	87.50619	1.067340	17.72031	987.0818	.1082445	.1630959

#1	.0971492	-.004635	.2257237	.0193697	-.000521	126.8315	2.052044
#2	.1082773	-.005033	.2286693	.0263044	-.001183	126.5796	2.049197
#3	.1159633	-.019633	.2238855	.0198569	.002259	126.7998	2.055868

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094577	.0032293	58.29948	.1819258	.0993988	.1076520	183.5342
Stddev	.0001724	.0002818	.03134	.0004409	.0002072	.0021662	.4619
%RSD	1.823372	8.725524	.0537544	.2423411	.2084298	2.012209	.2516458

#1	.0094557	.0034777	58.26434	.1819501	.0992876	.1101527	184.0656
#2	.0096311	.0029231	58.30956	.1823540	.0992711	.1064513	183.3077
#3	.0092862	.0032870	58.32454	.1814732	.0996379	.1063521	183.2292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.379874	26.51515	.1641327	-.021320	3.167536	.2983847	1.346102
Stddev	.013762	.02976	.0005191	.000321	.081924	.0023164	.006903
%RSD	.1864745	.1122219	.3162839	1.505781	2.586371	.7763080	.5127867

#1	7.388252	26.48123	.1635859	-.021643	3.119048	.3000430	1.352040
#2	7.387378	26.53689	.1646189	-.021001	3.262124	.2993730	1.338528
#3	7.363991	26.52732	.1641933	-.021314	3.121436	.2957381	1.347737

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.55631	.6644259	.2151998	.0031381	.2625109	51.93466	.0068660
Stddev	.10480	.0013026	.0052809	.0003428	.0040296	.15517	.0011496
%RSD	.8346645	.1960480	2.453969	10.92395	1.535008	.2987849	16.74340

#1	12.48344	.6638379	.2212098	.0029998	.2671612	51.80946	.0081060
#2	12.67641	.6659189	.2130881	.0035284	.2600501	52.10827	.0058357
#3	12.50907	.6635210	.2113015	.0028861	.2603214	51.88626	.0066562

Sample Name: M4397-19 Acquired: 01/05/2022 23:07:30 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9Z1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9633618	.0823327	-.015001
Stddev	.0037316	.0011668	.000752
%RSD	.3873514	1.417219	5.011788

#1	.9612115	.0810094	-.015598
#2	.9676707	.0827751	-.014157
#3	.9612033	.0832137	-.015249

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1447.957	44093.34	7437.360	1223.963	1841.599
Stddev	3.472	107.94	28.285	1.050	2.330
%RSD	.2397969	.2448101	.3803143	.0858041	.1265448

#1	1451.512	43969.21	7464.090	1223.939	1843.761
#2	1444.574	44165.13	7407.741	1222.925	1839.131
#3	1447.786	44145.70	7440.250	1225.025	1841.905

Sample Name: M4397-20 Acquired: 01/05/2022 23:11:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1174854	-.001743	1.108195	.0202018	.0001478	72.11194	1.476586
Stddev	.0128134	.006877	.031024	.0085396	.0009154	.46222	.004782
%RSD	10.90634	394.6135	2.799495	42.27154	619.3207	.6409706	.3238359

#1	.1078121	-.007546	1.087987	.0103497	.0000995	71.65507	1.480258
#2	.1126265	.005853	1.092683	.0254848	-.000742	72.10144	1.471179
#3	.1320175	-.003534	1.143916	.0247709	.001086	72.57932	1.478319

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071327	.0322841	389.0416	.1856280	.0945563	.3011444	161.3773
Stddev	.0001837	.0011840	.9835	.0015015	.0034554	.0028106	.8924
%RSD	2.575574	3.667447	.2527962	.8088467	3.654375	.9332894	.5529698

#1	.0070938	.0315496	388.5647	.1865156	.0926681	.3039414	160.4749
#2	.0069716	.0316526	388.3874	.1838944	.0924564	.2983205	161.3977
#3	.0073327	.0336499	390.1726	.1864739	.0985444	.3011711	162.2593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.885498	167.4020	.1827732	-.019077	1.617558	.2475197	4.454062
Stddev	.029759	.8464	.0048237	.000629	.272354	.0040586	.058359
%RSD	.4322011	.5055895	2.639172	3.296871	16.83733	1.639719	1.310240

#1	6.855283	166.5720	.1792280	-.018359	1.758057	.2430121	4.386816
#2	6.886430	167.3702	.1808253	-.019341	1.303646	.2486630	4.483919
#3	6.914779	168.2638	.1882662	-.019531	1.790971	.2508841	4.491452

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.584533	.6025629	.1842982	.0083915	.3447961	52.93268	.0316662
Stddev	.080702	.0197791	.0024243	.0005019	.0093687	.15249	.0052260
%RSD	.9400821	3.282491	1.315427	5.980830	2.717177	.2880801	16.50335

#1	8.526491	.5902799	.1825261	.0081902	.3392810	52.85707	.0371697
#2	8.550418	.5920293	.1870610	.0080215	.3394938	52.83277	.0310581
#3	8.676689	.6253794	.1833076	.0089628	.3556134	53.10820	.0267709

Sample Name: M4397-20 Acquired: 01/05/2022 23:11:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.253889	.0754829	.0904976
Stddev	.009713	.0014862	.0009762
%RSD	.7746145	1.968878	1.078715

#1	1.245356	.0750087	.0893705
#2	1.251853	.0771483	.0910511
#3	1.264458	.0742917	.0910713

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1313.805	41302.96	7011.095	1130.880	1671.398
Stddev	27.230	213.15	37.643	5.595	40.342
%RSD	2.072596	.5160650	.5368993	.4947419	2.413681

#1	1328.454	41451.02	7040.320	1137.333	1695.541
#2	1330.573	41399.21	7024.346	1127.915	1693.827
#3	1282.386	41058.66	6968.619	1127.391	1624.825

Sample Name: M4397-21 Acquired: 01/05/2022 23:15:36 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1227369	-.005915	1.236983	.0137173	.0043385	72.48546	1.474084
Stddev	.0171846	.001564	.007628	.0047696	.0044154	.32233	.006078
%RSD	14.00121	26.44583	.6167001	34.77053	101.7722	.4446819	.4123568

#1	.1229581	-.004237	1.230439	.0112367	.0088372	72.30053	1.468823
#2	.1054428	-.007333	1.235149	.0106993	.0000114	72.85765	1.472692
#3	.1398099	-.006176	1.245362	.0192160	.0041669	72.29819	1.480738

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072066	.0347388	415.9117	.1900174	.0925036	.3430337	164.4689
Stddev	.0000437	.0002539	1.0282	.0073793	.0007757	.0024021	.6377
%RSD	.6058029	.7308453	.2472100	3.883468	.8386146	.7002440	.3877302

#1	.0071778	.0346720	415.0841	.1923130	.0932566	.3434694	164.3045
#2	.0071852	.0345251	417.0627	.1817632	.0917070	.3451881	165.1726
#3	.0072569	.0350195	415.5884	.1959761	.0925473	.3404436	163.9294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.789348	173.6201	.1789922	-.019113	1.313791	.2475058	5.001474
Stddev	.027548	.8561	.0008959	.000705	.070365	.0027651	.112407
%RSD	.4057527	.4930986	.5004991	3.687857	5.355863	1.117190	2.247468

#1	6.783211	173.1889	.1781063	-.019179	1.281020	.2504897	4.976681
#2	6.819447	174.6061	.1789727	-.018377	1.394564	.2469978	4.903534
#3	6.765386	173.0653	.1798977	-.019782	1.265788	.2450299	5.124208

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.644135	.6085642	.1931145	.0086428	.3447121	53.49600	.0319873
Stddev	.197219	.0032682	.0008742	.0002453	.0003850	.60758	.0035331
%RSD	2.281540	.5370308	.4526810	2.838450	.1116724	1.135742	11.04524

#1	8.610966	.6071162	.1939193	.0089199	.3451565	53.87773	.0283426
#2	8.855836	.6062702	.1932398	.0084533	.3445004	52.79537	.0353970
#3	8.465603	.6123062	.1921845	.0085552	.3444796	53.81491	.0322224

Sample Name: M4397-21 Acquired: 01/05/2022 23:15:36 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9Z7D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.278499	.0753984	.1003707
Stddev	.008266	.0021197	.0022939
%RSD	.6465388	2.811290	2.285381

#1	1.274921	.0743841	.0995104
#2	1.287952	.0739763	.1029703
#3	1.272625	.0778346	.0986313

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1308.750	41118.47	6979.744	1120.458	1667.004
Stddev	3.336	916.15	17.938	30.292	4.968
%RSD	.2549140	2.228063	.2569958	2.703493	.2980418

#1	1312.140	41109.05	6997.581	1123.331	1672.558
#2	1308.640	42039.29	6961.708	1149.211	1665.472
#3	1305.470	40207.07	6979.944	1088.833	1662.982

Sample Name: CCV006 Acquired: 01/05/2022 23:19:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.930334	4.864706	24.00621	4.703736	F 4.433475	380.1035
Stddev	.031543	.013995	.00682	.007739	.012378	2.4939
%RSD	.6397709	.2876898	.0284241	.1645303	.2791940	.6561204

#1	4.921416	4.854137	24.01207	4.707955	4.445909	382.8728
#2	4.904210	4.859404	23.99872	4.708449	4.421154	378.0349
#3	4.965376	4.880578	24.00784	4.694805	4.433362	379.4026

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.461427	.5096531	2.420624	397.6710	15.09629	2.491261
Stddev	.027366	.0038447	.002216	1.5600	.06029	.001549
%RSD	.2892356	.7543699	.0915403	.3922892	.3993492	.0621801

#1	9.493025	.5134664	2.418482	399.1712	15.10852	2.489579
#2	9.445955	.5057778	2.420483	396.0574	15.14953	2.491575
#3	9.445303	.5097150	2.422907	397.7844	15.03083	2.492629

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.56508	388.8062	14.84132	390.7303	2.277114	1.275622
Stddev	.14651	1.3048	.04258	1.4302	.003487	.012788
%RSD	1.005877	.3355849	.2868825	.3660382	.1531428	1.002513

#1	14.70981	390.2432	14.88095	392.3667	2.278702	1.285683
#2	14.41686	387.6958	14.79631	389.7193	2.273115	1.279951
#3	14.56857	388.4795	14.84670	390.1050	2.279524	1.261230

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	392.4554	2.338214	15.00608	150.0886	F 5.923458	5.285483
Stddev	3.6294	.012433	.21697	1.6492	.009443	.036751
%RSD	.9248001	.5317453	1.445857	1.098834	.1594249	.6953207

#1	396.5436	2.352571	14.75677	151.7569	5.913903	5.324608
#2	389.6127	2.331033	15.10940	148.4591	5.932786	5.251688
#3	391.2099	2.331039	15.15208	150.0497	5.923686	5.280153

Sample Name: CCV006 Acquired: 01/05/2022 23:19:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.665736	5.020363	5.117293	4.744941	4.829141	4.996378
Stddev	.002403	.005301	.036036	.006690	.031316	.011727
%RSD	.0514957	.1055876	.7041984	.1409968	.6484828	.2347047
#1	4.666736	5.021675	5.152947	4.752390	4.864958	4.990420
#2	4.667477	5.024885	5.080887	4.742989	4.806924	4.988827
#3	4.662995	5.014530	5.118045	4.739444	4.815541	5.009888

Elem	Sr4077
Units	ppm
Avg	4.522548
Stddev	.046471
%RSD	1.027538
#1	4.572283
#2	4.480235
#3	4.515124

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1054.008	34833.14	6051.173	907.1759	1480.410
Stddev	1.357	372.46	56.399	4.3000	2.142
%RSD	.1287767	1.069274	.9320306	.4740035	.1447114
#1	1052.986	34535.36	5989.513	909.8385	1480.805
#2	1055.548	34713.28	6100.150	909.4742	1482.326
#3	1053.491	35250.77	6063.857	902.2151	1478.097

Sample Name: CCB006 Acquired: 01/05/2022 23:23:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017741	.0035258	.0006465	-.004422	-.003219	.0179165	.0025907
Stddev	.0055879	.0052202	.0023374	.005471	.002813	.0102495	.0009100
%RSD	314.9687	148.0581	361.5389	123.7115	87.40020	57.20703	35.12531

#1	-.004597	.0075918	-.001965	.001422	-.005360	.0139411	.0017344
#2	.005842	.0053466	.001363	-.009421	-.004263	.0295582	.0035463
#3	.004077	-.002361	.002542	-.005268	-.000033	.0102502	.0024915

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001260	.0001978	.0101793	.0007848	-.000086	-.001796	.0274583
Stddev	.0000799	.0000623	.0171203	.0006076	.000074	.003301	.0033031
%RSD	63.44647	31.48082	168.1878	77.41968	85.97889	183.7621	12.02952

#1	.0001488	.0002015	.0088843	.0013706	-.000101	.001866	.0258533
#2	.0000371	.0001338	.0279103	.0008263	-.000005	-.002714	.0312572
#3	.0001921	.0002581	-.006257	.0001575	-.000150	-.004541	.0252643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008028	.0385837	.0000029	-.001428	.3887093	-.005213	.0044744
Stddev	.0008316	.0090436	.0005356	.000156	.3930226	.001877	.0034978
%RSD	103.5914	23.43902	18252.45	10.91352	101.1096	35.99819	78.17435

#1	-.000143	.0418014	-.000474	-.001264	.1659602	-.004975	.0083831
#2	.001419	.0283712	.000583	-.001446	.8425074	-.007198	.0016392
#3	.001132	.0455784	-.000100	-.001574	.1576603	-.003467	.0034008

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.039314	-.000374	-.003578	.0011437	.0004886	.0007953	.0009187
Stddev	.090377	.000285	.001814	.0002884	.0001571	.0024063	.0018663
%RSD	229.8854	76.12143	50.69684	25.21782	32.14149	302.5792	203.1474

#1	.043950	-.000172	-.002293	.0010261	.0003697	-.001514	.0020653
#2	-.135429	-.000700	-.005653	.0009327	.0006667	.003288	.0019255
#3	-.026463	-.000250	-.002787	.0014723	.0004296	.000611	-.001235

Sample Name: CCB006 Acquired: 01/05/2022 23:23:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003458	-.001007	.0002875
Stddev	.0017407	.000700	.0001526
%RSD	503.4110	69.45463	53.07174

#1	-.000696	-.000214	.0001434
#2	-.000622	-.001535	.0002718
#3	.002355	-.001273	.0004474

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1259.585	37575.37	6295.008	1047.647	1973.490
Stddev	1.994	290.69	11.788	10.243	3.653
%RSD	.1582794	.7736270	.1872617	.9777063	.1851117

#1	1259.362	37314.83	6286.700	1039.815	1969.291
#2	1257.711	37888.92	6308.500	1059.238	1975.943
#3	1261.680	37522.36	6289.825	1043.887	1975.235

Sample Name: M4397-20LX5 Acquired: 01/05/2022 23:27:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0347204	-.004326	.2170375	.0063461	-.002741	15.53607	.3230490
Stddev	.0038068	.004004	.0025941	.0030281	.001064	.18146	.0017937
%RSD	10.96426	92.56737	1.195218	47.71549	38.82641	1.168004	.5552297

#1	.0336297	-.008148	.2149988	.0033739	-.001894	15.70498	.3231953
#2	.0389536	-.004667	.2161562	.0094272	-.003936	15.55900	.3247651
#3	.0315780	-.000162	.2199574	.0062374	-.002393	15.34423	.3211867

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015704	.0059429	85.47950	.0419208	.0165323	.0646957	36.38970
Stddev	.0001028	.0001704	.58056	.0004617	.0003821	.0005964	.29012
%RSD	6.546248	2.868014	.6791851	1.101236	2.311403	.9217805	.7972572

#1	.0016889	.0060393	85.89003	.0424435	.0165331	.0653832	36.65372
#2	.0015060	.0057461	85.73319	.0417502	.0161498	.0643855	36.43626
#3	.0015162	.0060433	84.81526	.0415688	.0169140	.0643184	36.07911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.545838	36.44149	.0349616	-.004949	.5927737	.0548196	.9529974
Stddev	.015464	.38209	.0008984	.000391	.0448429	.0018195	.0120615
%RSD	1.000338	1.048496	2.569760	7.894724	7.564924	3.319038	1.265635

#1	1.560988	36.86230	.0358708	-.005027	.5577430	.0537769	.9554873
#2	1.546447	36.34586	.0340743	-.004526	.6433121	.0537615	.9636196
#3	1.530079	36.11629	.0349399	-.005296	.5772660	.0569206	.9398853

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9723974	.1070685	.0359437	.0018009	.0581598	11.59832	.0026766
Stddev	.0441398	.0009905	.0012260	.0009965	.0007107	.17888	.0008637
%RSD	4.539280	.9250772	3.410774	55.33571	1.221945	1.542326	32.26955

#1	.9334995	.1074426	.0361233	.0019106	.0573563	11.80476	.0030645
#2	.9633237	.1078175	.0370699	.0007540	.0584173	11.48895	.0032783
#3	1.020369	.1059455	.0346378	.0027380	.0587059	11.50126	.0016869

Sample Name: M4397-20LX5 Acquired: 01/05/2022 23:27:34 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9Z7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2757101	.0141844	.0185843
Stddev	.0050452	.0009744	.0006631
%RSD	1.829893	6.869489	3.568237

#1	.2779749	.0130857	.0193495
#2	.2792262	.0145234	.0182273
#3	.2699294	.0149439	.0181762

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.935	39152.46	6484.342	1081.247	1894.096
Stddev	1.982	239.14	74.273	6.141	1.270
%RSD	.1551767	.6107870	1.145426	.5679697	.0670548

#1	1279.214	39396.83	6402.736	1087.876	1894.006
#2	1275.976	39141.64	6547.991	1080.112	1892.874
#3	1275.615	38918.92	6502.298	1075.752	1895.409

Sample Name: M4397-22 Acquired: 01/05/2022 23:31:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EX9Z7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2038694	.0786656	1.290922	.2002804	.0499327	67.71320	4.821372
Stddev	.0100924	.0042829	.002206	.0080233	.0024690	.16770	.015210
%RSD	4.950445	5.444369	.1708603	4.006037	4.944576	.2476563	.3154717

#1	.1931389	.0799985	1.290572	.1945121	.0473579	67.69134	4.836580
#2	.2131716	.0738749	1.293282	.1968860	.0522801	67.89076	4.806159
#3	.2052977	.0821236	1.288913	.2094429	.0501600	67.55751	4.821377

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1092317	.1564779	524.1518	.6010138	1.126194	.9155242	148.0816
Stddev	.0002812	.0006866	1.1747	.0018362	.001156	.0109219	.4368
%RSD	.2574234	.4387782	.2241058	.3055197	.1026063	1.192964	.2949775

#1	.1095110	.1568632	523.7022	.6012838	1.124886	.9091302	148.1528
#2	.1089487	.1568853	525.4849	.6027000	1.126616	.9281353	148.4785
#3	.1092354	.1556852	523.2684	.5990575	1.127079	.9093071	147.6136

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.470798	219.4832	1.104445	.0846549	1.545505	1.126230	8.542238
Stddev	.024432	.4452	.002096	.0003608	.045464	.007163	.065707
%RSD	.4465964	.2028345	.1897548	.4262486	2.941689	.6359796	.7692049

#1	5.470453	219.6889	1.105603	.0842882	1.589301	1.118066	8.520504
#2	5.495401	219.7883	1.102025	.0850096	1.498539	1.131458	8.616059
#3	5.446540	218.9723	1.105705	.0846668	1.548673	1.129166	8.490151

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.403696	.6253363	.1894792	.0097129	.4226372	48.10597	.0964744
Stddev	.070063	.0035193	.0027581	.0005919	.0040342	.14454	.0012638
%RSD	.8337108	.5627807	1.455625	6.093669	.9545427	.3004600	1.310016

#1	8.435625	.6289198	.1909179	.0096375	.4238175	48.06900	.0957788
#2	8.323356	.6218850	.1912206	.0103388	.4259497	47.98351	.0979333
#3	8.452106	.6252041	.1862993	.0091623	.4181445	48.26541	.0957112

Sample Name: M4397-22 Acquired: 01/05/2022 23:31:37 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EX9Z7S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.164360	.0599488	.1645700
Stddev	.003622	.0021876	.0024271
%RSD	.3111021	3.649068	1.474825

#1	1.164741	.0616689	.1632555
#2	1.167777	.0574867	.1673708
#3	1.160562	.0606907	.1630836

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1253.193	39234.02	6758.111	1066.389	1628.250
Stddev	3.893	342.40	24.743	5.273	.985
%RSD	.3106243	.8727152	.3661216	.4944694	.0605223

#1	1255.881	39529.20	6784.436	1068.597	1628.664
#2	1254.968	38858.64	6735.332	1060.371	1628.962
#3	1248.729	39314.23	6754.565	1070.199	1627.125

Sample Name: M4415-01 Acquired: 01/05/2022 23:35:34 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA41 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0834725	-.002408	.5418503	.0297987	.0018619	113.3963	1.206718
Stddev	.0220661	.007816	.0031435	.0050431	.0025255	.8996	.004916
%RSD	26.43514	324.6142	.5801376	16.92391	135.6419	.7933317	.4074117

#1	.1015435	-.009014	.5429680	.0243520	.0031534	112.3610	1.205526
#2	.0588809	-.004431	.5383007	.0307380	.0034804	113.8402	1.202506
#3	.0899932	.006221	.5442822	.0343062	-.001048	113.9877	1.212120

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125369	.0178456	39.29688	.1758822	.1279817	.1901371	217.8615
Stddev	.0000412	.0001036	.13643	.0003740	.0006990	.0016950	1.4852
%RSD	.3287960	.5805953	.3471796	.2126559	.5461653	.8914490	.6817102

#1	.0125721	.0178514	39.13937	.1758747	.1278179	.1919232	216.1661
#2	.0124916	.0177392	39.37335	.1755119	.1273792	.1885510	218.9328
#3	.0125471	.0179462	39.37793	.1762599	.1287481	.1899371	218.4856

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.115731	22.46161	.1683913	-.025343	10.66522	.3384573	2.830999
Stddev	.040488	.13345	.0004471	.000136	.41139	.0071870	.021434
%RSD	.5689888	.5941159	.2654825	.5354017	3.857318	2.123458	.7571295

#1	7.071310	22.30752	.1689066	-.025278	10.28678	.3324214	2.814938
#2	7.150565	22.53845	.1681067	-.025253	11.10310	.3365427	2.855338
#3	7.125318	22.53886	.1681607	-.025499	10.60579	.3464077	2.822722

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.234005	.4445878	.3155400	.0083010	.2267870	53.39738	.0180770
Stddev	.124051	.0026688	.0051598	.0003637	.0006344	.14315	.0030573
%RSD	1.506566	.6002868	1.635231	4.381497	.2797124	.2680866	16.91285

#1	8.100728	.4442779	.3104797	.0086118	.2261701	53.53136	.0212397
#2	8.346103	.4420874	.3153464	.0083902	.2267535	53.24655	.0178539
#3	8.255184	.4473980	.3207938	.0079010	.2274374	53.41421	.0151373

Sample Name: M4415-01 Acquired: 01/05/2022 23:35:34 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA41 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.712352	.0759110	-.065043
Stddev	.015350	.0014820	.000230
%RSD	.8963990	1.952335	.3534456

#1	1.694795	.0764154	-.065255
#2	1.723231	.0770750	-.065077
#3	1.719029	.0742426	-.064798

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1418.865	43085.51	7213.849	1202.964	1890.428
Stddev	2.906	437.20	35.973	8.399	4.367
%RSD	.2047870	1.014726	.4986672	.6981950	.2310163

#1	1416.445	43370.76	7226.180	1209.582	1888.291
#2	1418.061	42582.17	7173.332	1193.515	1895.452
#3	1422.087	43303.61	7242.035	1205.796	1887.540

Sample Name: M4415-02 Acquired: 01/05/2022 23:39:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA42 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0558664	-.011067	.6662047	.0229306	.0033037	82.97032	1.680509
Stddev	.0025147	.006673	.0038744	.0028976	.0034728	.57583	.014985
%RSD	4.501210	60.29393	.5815659	12.63633	105.1175	.6940221	.8916987

#1	.0536590	-.008508	.6621941	.0258229	-.000263	83.52028	1.696225
#2	.0586038	-.018640	.6664932	.0200277	.006674	82.37170	1.666382
#3	.0553364	-.006052	.6699268	.0229413	.003501	83.01896	1.678921

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132384	.0290258	47.62743	.1457709	.0820440	.1794013	174.1904
Stddev	.0002227	.0001240	.32423	.0010689	.0004822	.0026314	1.0783
%RSD	1.682616	.4272778	.6807555	.7333056	.5876893	1.466781	.6190437

#1	.0132995	.0288864	47.94029	.1469336	.0824733	.1778026	175.2138
#2	.0129914	.0290674	47.29292	.1448307	.0821362	.1779629	173.0645
#3	.0134242	.0291237	47.64908	.1455485	.0815223	.1824384	174.2929

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.657975	17.41405	.1277185	-.020749	2.154866	.2709995	3.351821
Stddev	.027705	.14505	.0006487	.000518	.361253	.0062096	.045766
%RSD	.4896642	.8329298	.5078931	2.495292	16.76451	2.291357	1.365403

#1	5.679864	17.54164	.1284384	-.020212	2.447100	.2715760	3.395352
#2	5.626826	17.25629	.1271793	-.021245	1.750964	.2645218	3.356002
#3	5.667235	17.44421	.1275379	-.020789	2.266533	.2769007	3.304108

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.085776	.3902760	.4194075	.0085561	.3675297	52.17348	.0158328
Stddev	.078152	.0035718	.0040474	.0004200	.0026497	.59107	.0045542
%RSD	1.102935	.9151993	.9650229	4.909018	.7209581	1.132898	28.76465

#1	7.012341	.3891606	.4191663	.0085533	.3659346	51.87341	.0106190
#2	7.077071	.3873950	.4154861	.0089774	.3660661	51.79263	.0178452
#3	7.167916	.3942724	.4235700	.0081374	.3705884	52.85439	.0190342

Sample Name: M4415-02 Acquired: 01/05/2022 23:39:37 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA42 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.878191	.0623860	-.004670
Stddev	.016396	.0019419	.001222
%RSD	.8729619	3.112786	26.16952

#1	1.894229	.0635457	-.005726
#2	1.861459	.0634683	-.004952
#3	1.878884	.0601441	-.003331

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1411.879	42295.41	7241.069	1178.771	1906.215
Stddev	2.367	225.29	54.809	9.649	2.805
%RSD	.1676715	.5326603	.7569160	.8185429	.1471670

#1	1411.345	42423.56	7285.283	1177.027	1904.841
#2	1414.467	42035.27	7258.177	1170.113	1909.443
#3	1409.824	42427.39	7179.747	1189.172	1904.362

Sample Name: M4415-03 Acquired: 01/05/2022 23:43:39 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1097166	-.001660	2.607411	.0173382	.0038165	92.84578	1.699054
Stddev	.0132237	.008240	.006176	.0098938	.0047588	.64355	.004283
%RSD	12.05264	496.5391	.2368542	57.06362	124.6897	.6931409	.2520714

#1	.1219192	-.009365	2.614131	.0208989	.0087145	93.53307	1.702339
#2	.1115645	.007028	2.601983	.0061569	.0035250	92.25742	1.694210
#3	.0956661	-.002641	2.606120	.0249589	-.000790	92.74683	1.700612

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152824	.1041194	72.69253	.2098074	.1042123	.6018567	245.9466
Stddev	.0001382	.0001490	.16149	.0010954	.0003849	.0070552	.6499
%RSD	.9042627	.1430729	.2221507	.5220818	.3693302	1.172241	.2642333

#1	.0152849	.1039526	72.84511	.2094799	.1046316	.6096896	246.6753
#2	.0154193	.1042393	72.70908	.2089132	.1038750	.5960013	245.4270
#3	.0151430	.1041662	72.52341	.2110292	.1041304	.5998792	245.7376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.364985	32.78050	.2731901	-.027201	1.942654	.2805514	11.24612
Stddev	.024234	.18567	.0019964	.000717	.027682	.0032194	.12320
%RSD	.2897119	.5663945	.7307849	2.634487	1.424941	1.147509	1.095482

#1	8.389174	32.97985	.2749815	-.026798	1.911598	.2823444	11.10826
#2	8.365075	32.61251	.2710379	-.026777	1.964732	.2824751	11.34544
#3	8.340705	32.74913	.2735511	-.028028	1.951633	.2768348	11.28466

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.16577	.9827083	.2988323	.0129809	.5029550	52.54306	.0740532
Stddev	.12008	.0040746	.0030643	.0005232	.0025967	.28395	.0025789
%RSD	.9120366	.4146331	1.025408	4.030780	.5162903	.5404044	3.482436

#1	13.27489	.9833906	.2994238	.0135323	.5013415	52.81197	.0712299
#2	13.18529	.9783357	.2955154	.0124914	.5015730	52.57105	.0762848
#3	13.03713	.9863988	.3015577	.0129189	.5059504	52.24616	.0746448

Sample Name: M4415-03 Acquired: 01/05/2022 23:43:39 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA43 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.490879	.0753948	-.080148
Stddev	.006954	.0011002	.001267
%RSD	.4664034	1.459223	1.580947

#1	1.498750	.0742657	-.078763
#2	1.485572	.0754551	-.080432
#3	1.488315	.0764636	-.081249

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1474.213	45122.82	7619.505	1242.865	1866.395
Stddev	1.721	37.94	53.344	5.412	2.320
%RSD	.1167300	.0840758	.7000998	.4354739	.1243243

#1	1472.282	45080.97	7569.929	1248.675	1864.208
#2	1475.585	45132.50	7612.635	1241.954	1868.829
#3	1474.771	45154.97	7675.952	1237.966	1866.149

Sample Name: M4415-04 Acquired: 01/05/2022 23:47:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA45 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0854335	-.007196	1.404891	.0233870	.0025353	97.01373	1.658130
Stddev	.0050329	.003532	.005027	.0026136	.0008455	.82953	.009754
%RSD	5.890965	49.08937	.3578466	11.17568	33.34969	.8550607	.5882667

#1	.0910300	-.004895	1.400468	.0263941	.0022223	97.82060	1.669256
#2	.0812790	-.011263	1.403848	.0221048	.0034927	96.16327	1.651049
#3	.0839917	-.005429	1.410359	.0216620	.0018910	97.05733	1.654085

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138853	.1236427	72.88929	.1767679	.1354336	.3358698	241.9685
Stddev	.0002753	.0006070	.58751	.0003836	.0002464	.0042050	2.0762
%RSD	1.982571	.4909107	.8060354	.2170157	.1819200	1.251963	.8580339

#1	.0141663	.1236402	73.50556	.1766770	.1356023	.3331254	243.8493
#2	.0138733	.1230370	72.33553	.1764379	.1355476	.3337732	239.7407
#3	.0136162	.1242509	72.82678	.1771888	.1351508	.3407109	242.3155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.433401	25.74451	.2663982	-.027864	1.768450	.3211821	11.79335
Stddev	.094097	.24783	.0010266	.000470	.042240	.0043683	.07396
%RSD	.9974893	.9626446	.3853751	1.685235	2.388540	1.360081	.6271264

#1	9.514650	25.99934	.2660174	-.027328	1.800407	.3189550	11.82357
#2	9.330301	25.50434	.2656163	-.028064	1.784383	.3183762	11.70907
#3	9.455253	25.72984	.2675608	-.028201	1.720561	.3262152	11.84742

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.08306	.6980964	.2867168	.0066972	.3417760	54.77916	.0620202
Stddev	.21946	.0058434	.0040362	.0003689	.0033352	.38598	.0033542
%RSD	1.980136	.8370538	1.407738	5.507942	.9758418	.7046112	5.408251

#1	11.24129	.6946714	.2911213	.0064421	.3382218	54.91080	.0631814
#2	10.83252	.6947743	.2831950	.0065295	.3422690	54.34458	.0582397
#3	11.17536	.7048436	.2858340	.0071202	.3448373	55.08209	.0646395

Sample Name: M4415-04 Acquired: 01/05/2022 23:47:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA45 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.309782	.0918714	-.055168
Stddev	.014204	.0008949	.000680
%RSD	1.084455	.9741254	1.232705

#1	1.326103	.0928840	-.055438
#2	1.300216	.0911863	-.055672
#3	1.303028	.0915440	-.054394

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1460.953	44593.79	7521.294	1237.045	1877.958
Stddev	1.325	196.76	74.244	6.482	3.462
%RSD	.0906732	.4412271	.9871157	.5240174	.1843389

#1	1461.640	44792.94	7516.898	1242.011	1876.817
#2	1461.794	44588.93	7597.638	1239.413	1881.847
#3	1459.426	44399.51	7449.346	1229.712	1875.211

Sample Name: M4415-05 Acquired: 01/05/2022 23:51:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA46 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1365237	-.009407	.7435879	.0176268	.0051178	96.56016	1.506435
Stddev	.0176309	.005113	.0093154	.0079014	.0025274	.88316	.007709
%RSD	12.91418	54.35166	1.252761	44.82612	49.38503	.9146190	.5117466

#1	.1175599	-.004116	.7405689	.0264550	.0053053	95.71882	1.499054
#2	.1524188	-.009783	.7361564	.0152077	.0075463	96.48173	1.514435
#3	.1395924	-.014321	.7540383	.0112178	.0025019	97.47991	1.505815

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092494	.0299813	194.5317	.1568624	.0678215	.2024276	172.1423
Stddev	.0000643	.0004309	.7969	.0003056	.0004015	.0044180	1.5342
%RSD	.6952542	1.437167	.4096347	.1947919	.5920566	2.182487	.8912446

#1	.0092702	.0296223	193.6548	.1568550	.0673859	.2023698	170.6655
#2	.0091772	.0298623	195.2115	.1571715	.0679018	.1980388	172.0332
#3	.0093007	.0304591	194.7288	.1565605	.0681768	.2068742	173.7281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.791260	103.0128	.1578271	-.020139	1.506656	.2703447	4.028925
Stddev	.031933	.9871	.0006388	.000643	.188245	.0042188	.052508
%RSD	.8422751	.9582322	.4047397	3.194508	12.49420	1.560544	1.303285

#1	3.756123	102.0706	.1574186	-.020714	1.463248	.2665431	3.968299
#2	3.799145	102.9283	.1574996	-.020259	1.712812	.2748836	4.059957
#3	3.818512	104.0394	.1585633	-.019444	1.343907	.2696074	4.058520

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.360487	.6323417	.2111650	.0045011	.2060102	54.48594	.0347367
Stddev	.062156	.0018305	.0044088	.0002831	.0009462	.31107	.0025357
%RSD	.7434498	.2894721	2.087853	6.288970	.4592860	.5709216	7.299921

#1	8.414979	.6335857	.2068924	.0048275	.2051184	54.69671	.0375630
#2	8.373695	.6302399	.2109041	.0043220	.2070027	54.12866	.0326608
#3	8.292789	.6331995	.2156984	.0043539	.2059093	54.63244	.0339864

Sample Name: M4415-05 Acquired: 01/05/2022 23:51:38 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA46 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.125302	.0820822	.0123917
Stddev	.008893	.0002173	.0014236
%RSD	.7902821	.2647063	11.48848

#1	1.116140	.0822921	.0132244
#2	1.125867	.0820962	.0107479
#3	1.133899	.0818582	.0132027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1405.450	43281.85	7380.626	1189.406	1771.413
Stddev	1.431	251.82	18.110	7.287	3.331
%RSD	.1018087	.5818165	.2453662	.6126680	.1880673

#1	1406.915	43451.14	7360.111	1192.645	1771.381
#2	1405.378	42992.46	7394.390	1181.060	1774.760
#3	1404.056	43401.95	7387.378	1194.511	1768.098

Sample Name: M4415-06 Acquired: 01/05/2022 23:55:41 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA47 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1254616	.0009424	.9988260	.0322243	.0047034	108.0550	2.872853
Stddev	.0105863	.0034477	.0018485	.0138159	.0045233	3.4778	.099710
%RSD	8.437877	365.8411	.1850678	42.87415	96.17232	3.218500	3.470764

#1	.1371267	.0049149	1.000247	.0350996	.0008226	112.0701	2.987941
#2	.1227937	-.000817	.996736	.0443764	.0096712	106.1131	2.818149
#3	.1164645	-.001271	.999495	.0171970	.0036162	105.9820	2.812468

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093560	.0400736	141.7617	.1741011	.1776571	.2756850	191.7562
Stddev	.0004015	.0003557	5.1300	.0014730	.0006389	.0089675	6.3659
%RSD	4.291937	.8874817	3.618761	.8460443	.3595948	3.252823	3.319787

#1	.0098175	.0396669	147.6847	.1733098	.1779569	.2859221	199.1026
#2	.0090869	.0402274	138.8803	.1731929	.1769235	.2719145	187.8652
#3	.0091634	.0403264	138.7203	.1758006	.1780910	.2692183	188.3009

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.05778	66.18662	.2094774	-.022646	1.698655	.3441378	3.928287
Stddev	.60377	2.27232	.0008932	.000772	.149249	.0142196	.030574
%RSD	3.539578	3.433205	.4264190	3.408476	8.786320	4.131937	.7783135

#1	17.75490	68.81036	.2098275	-.022104	1.714217	.3598583	3.893023
#2	16.70143	64.85362	.2084621	-.023530	1.542234	.3321733	3.944460
#3	16.71702	64.89588	.2101426	-.022304	1.839513	.3403817	3.947379

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.299460	.5814386	.2485256	.0111664	.1919572	56.34482	.0157248
Stddev	.383125	.0046959	.0065829	.0005397	.0026159	2.12136	.0015784
%RSD	4.119859	.8076340	2.648783	4.833121	1.362772	3.764964	10.03789

#1	9.738061	.5760909	.2560843	.0105773	.1893857	58.79039	.0169148
#2	9.130229	.5848889	.2440501	.0112850	.1946155	55.24273	.0163253
#3	9.030092	.5833360	.2454426	.0116369	.1918703	55.00134	.0139343

Sample Name: M4415-06 Acquired: 01/05/2022 23:55:41 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA47 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.160959	.0899796	.0289646
Stddev	.035093	.0038803	.0015234
%RSD	3.022731	4.312457	5.259612

#1	1.201480	.0940555	.0307237
#2	1.140459	.0895532	.0280738
#3	1.140939	.0863301	.0280964

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1394.497	42585.57	7050.095	1181.858	1808.761
Stddev	5.200	315.62	237.297	7.505	3.680
%RSD	.3729094	.7411338	3.365872	.6350117	.2034441

#1	1396.437	42878.29	6776.892	1187.637	1807.224
#2	1398.448	42627.24	7168.523	1173.376	1812.961
#3	1388.605	42251.20	7204.869	1184.561	1806.100

Sample Name: M4415-07 Acquired: 01/05/2022 23:59:44 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA48 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0729662	-.004174	.5033858	.0224284	.0032170	101.4782	1.474111
Stddev	.0107244	.007193	.0018304	.0035592	.0025147	.8484	.001023
%RSD	14.69771	172.3122	.3636226	15.86899	78.17005	.8359976	.0693765

#1	.0626476	-.002670	.5050947	.0265337	.0052995	102.2362	1.473070
#2	.0721964	-.012000	.5014542	.0202101	.0004233	100.5618	1.474151
#3	.0840548	.002147	.5036085	.0205414	.0039283	101.6364	1.475114

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081007	.0463240	64.73010	.1698237	.0637187	.1775021	156.8948
Stddev	.0000686	.0001619	.20136	.0020826	.0002466	.0036427	1.1912
%RSD	.8468835	.3494660	.3110798	1.226355	.3870057	2.052197	.7592090

#1	.0080785	.0462366	64.89483	.1694362	.0636261	.1797919	158.1534
#2	.0080460	.0462245	64.50563	.1720729	.0635318	.1733016	155.7850
#3	.0081777	.0465107	64.78984	.1679620	.0639982	.1794128	156.7461

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.081204	30.63247	.1408537	-.017997	1.261187	.2677761	4.775885
Stddev	.035662	.14503	.0008145	.000776	.114681	.0026962	.053326
%RSD	.7018343	.4734363	.5782555	4.313486	9.093086	1.006892	1.116575

#1	5.117754	30.72694	.1415635	-.017594	1.296278	.2702097	4.788661
#2	5.046503	30.46549	.1399644	-.018891	1.354223	.2648777	4.821663
#3	5.079355	30.70498	.1410331	-.017505	1.133061	.2682409	4.717331

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.627238	.8293029	.1664416	.0028470	.2775702	56.81308	.0083944
Stddev	.192123	.0046834	.0030758	.0004351	.0005453	.12740	.0009421
%RSD	2.226938	.5647399	1.847959	15.28257	.1964614	.2242519	11.22228

#1	8.832857	.8343995	.1697446	.0032342	.2781940	56.68009	.0076142
#2	8.452303	.8283209	.1636597	.0023761	.2771836	56.93404	.0081281
#3	8.596555	.8251884	.1659204	.0029307	.2773331	56.82511	.0094410

Sample Name: M4415-07 Acquired: 01/05/2022 23:59:44 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA48 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.237346	.0667347	-.022167
Stddev	.011086	.0005089	.000343
%RSD	.8959593	.7625578	1.545419

#1	1.249301	.0663223	-.022215
#2	1.227405	.0665785	-.022484
#3	1.235331	.0673034	-.021803

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1419.530	42518.99	7216.346	1186.314	1887.327
Stddev	3.771	715.82	13.969	20.142	5.880
%RSD	.2656355	1.683532	.1935812	1.697866	.3115511

#1	1419.499	42497.56	7211.640	1188.758	1886.439
#2	1423.316	41814.12	7205.337	1165.061	1893.601
#3	1415.774	43245.28	7232.061	1205.122	1881.942

Sample Name: M4415-08 Acquired: 01/06/2022 0:03:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0991629	-.004776	.4426762	.0250523	.0016387	114.0147	1.988230
Stddev	.0092722	.005643	.0045141	.0036604	.0025860	11.1988	.197418
%RSD	9.350488	118.1714	1.019740	14.61085	157.8092	9.822206	9.929318

#1	.0914733	-.011007	.4471530	.0283860	.0035805	126.8409	2.215548
#2	.1094595	-.000008	.4381256	.0256355	-.001297	109.0263	1.889357
#3	.0965558	-.003312	.4427501	.0211353	.002632	106.1770	1.859785

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093572	.0428697	49.81988	.1659666	.0879319	.1911208	180.1514
Stddev	.0008828	.0004555	5.02651	.0002471	.0003106	.0236409	17.8740
%RSD	9.434366	1.062621	10.08936	.1488913	.3532159	12.36958	9.921651

#1	.0103709	.0423444	55.59833	.1657918	.0880973	.2184186	200.5898
#2	.0089437	.0431084	47.40282	.1658587	.0875736	.1775834	172.4191
#3	.0087571	.0431563	46.45850	.1662493	.0881248	.1773604	167.4453

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.961176	27.54698	.1520356	-.018927	1.849599	.2978665	4.682935
Stddev	.698335	2.70483	.0006796	.001796	.322727	.0251607	.060684
%RSD	10.03185	9.818970	.4470301	9.487498	17.44850	8.446962	1.295844

#1	7.761989	30.64846	.1524632	-.016854	2.206022	.3267788	4.684441
#2	6.642598	26.31515	.1512519	-.019941	1.577180	.2858833	4.742852
#3	6.478941	25.67733	.1523917	-.019987	1.765596	.2809373	4.621513

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.605000	.5124684	.1864447	.0031040	.2775360	62.92858	.0061137
Stddev	.830021	.0024676	.0232789	.0001560	.0028348	5.89263	.0010058
%RSD	10.91415	.4815146	12.48566	5.024455	1.021404	9.363997	16.45190

#1	8.563382	.5096288	.2129101	.0032838	.2742790	69.69137	.0058772
#2	7.117897	.5136833	.1772852	.0030224	.2794465	60.19646	.0072167
#3	7.133720	.5140929	.1691388	.0030057	.2788827	58.89790	.0052472

Sample Name: M4415-08 Acquired: 01/06/2022 0:03:47 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA49 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.162065	.0732825	-.023691
Stddev	.109888	.0102228	.001970
%RSD	9.456278	13.94979	8.314851

#1	1.287505	.0850755	-.025964
#2	1.115902	.0678334	-.022641
#3	1.082790	.0669387	-.022469

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1459.876	44036.22	7029.599	1227.729	1918.857
Stddev	2.537	584.12	565.230	19.758	1.592
%RSD	.1737771	1.326444	8.040710	1.609347	.0829704

#1	1457.038	44682.40	6385.068	1247.434	1920.685
#2	1461.923	43545.73	7262.876	1207.917	1917.768
#3	1460.668	43880.52	7440.854	1227.836	1918.119

Sample Name: M4415-09 Acquired: 01/06/2022 0:07:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0932597	-.003321	.3317784	.0122935	.0005598	95.72405	1.595786
Stddev	.0019650	.001622	.0005933	.0041216	.0049281	.26935	.006185
%RSD	2.106983	48.83962	.1788150	33.52640	880.3400	.2813826	.3875707

#1	.0949328	-.003856	.3318055	.0097032	.0047379	95.77201	1.602483
#2	.0937504	-.001499	.3311720	.0101311	-.004875	95.43394	1.590289
#3	.0910959	-.004608	.3323576	.0170463	.001817	95.96620	1.594586

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080599	.0348251	46.89240	.1441909	.0596087	.1449276	143.0038
Stddev	.0001322	.0001272	.05730	.0012147	.0003947	.0034905	.1716
%RSD	1.640794	.3652188	.1222043	.8423909	.6621674	2.408426	.1200234

#1	.0079242	.0349033	46.94499	.1428817	.0596649	.1450156	142.9841
#2	.0081884	.0346784	46.83132	.1444098	.0599722	.1413940	142.8429
#3	.0080671	.0348938	46.90088	.1452812	.0591888	.1483733	143.1845

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.235641	20.52205	.1185244	-.016925	1.237824	.2516010	4.226223
Stddev	.005343	.03388	.0006013	.000147	.114958	.0031986	.009919
%RSD	.1020474	.1651147	.5073426	.8688834	9.287141	1.271294	.2347105

#1	5.229978	20.50034	.1179384	-.017040	1.173520	.2536683	4.219524
#2	5.236353	20.50472	.1191400	-.016760	1.370545	.2479168	4.221527
#3	5.240593	20.56110	.1184947	-.016976	1.169407	.2532181	4.237619

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.922472	.5787974	.1506828	.0030963	.2717448	58.19878	.0131797
Stddev	.085559	.0039530	.0024546	.0002948	.0016446	.29893	.0006436
%RSD	1.235961	.6829631	1.628955	9.522031	.6051836	.5136381	4.883108

#1	6.924607	.5742541	.1531997	.0034366	.2698966	57.92854	.0126634
#2	6.835866	.5814499	.1482957	.0029177	.2730466	58.51988	.0139008
#3	7.006944	.5806881	.1505529	.0029346	.2722913	58.14793	.0129750

Sample Name: M4415-09 Acquired: 01/06/2022 0:07:49 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA50 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.222161	.0594877	.0230129
Stddev	.002305	.0016211	.0009175
%RSD	.1886287	2.725133	3.987017

#1	1.224587	.0610674	.0219663
#2	1.219998	.0595675	.0233939
#3	1.221899	.0578281	.0236786

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1435.115	43532.45	7258.427	1210.806	1914.753
Stddev	1.282	235.63	60.133	7.436	2.068
%RSD	.0893628	.5412858	.8284569	.6141428	.1079927

#1	1434.659	43655.95	7326.182	1218.831	1915.163
#2	1436.563	43680.66	7237.700	1209.440	1916.586
#3	1434.122	43260.73	7211.400	1204.148	1912.512

Sample Name: M4415-10 Acquired: 01/06/2022 0:11:52 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0935038	-.006914	.2728628	.0213248	.0019127	104.7328	1.554199
Stddev	.0082247	.007005	.0028586	.0025798	.0031198	.5862	.007890
%RSD	8.796132	101.3188	1.047616	12.09773	163.1073	.5596790	.5076655

#1	.1026731	-.008212	.2733923	.0183585	.0000624	104.4166	1.557459
#2	.0867769	.000649	.2754196	.0225709	.0055147	105.4092	1.559937
#3	.0910614	-.013180	.2697765	.0230451	.0001611	104.3726	1.545201

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084796	.0178661	50.33385	.1542883	.0740218	.1218538	157.3270
Stddev	.0001690	.0002918	.14780	.0011159	.0002528	.0041840	.8488
%RSD	1.993114	1.633319	.2936483	.7232828	.3415861	3.433655	.5395326

#1	.0083060	.0178396	50.25248	.1532681	.0737422	.1170314	156.6748
#2	.0086436	.0175884	50.50446	.1541167	.0740888	.1240116	158.2867
#3	.0084893	.0181702	50.24461	.1554801	.0742344	.1245185	157.0195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.816255	25.43427	.1314617	-.019483	1.563721	.2775055	2.524996
Stddev	.032630	.09677	.0000636	.000673	.123366	.0005979	.012262
%RSD	.5610202	.3804558	.0483555	3.452327	7.889285	.2154441	.4856126

#1	5.793670	25.34647	.1315267	-.020164	1.704773	.2776315	2.512725
#2	5.853666	25.53802	.1313997	-.018820	1.510442	.2768547	2.537249
#3	5.801429	25.41833	.1314586	-.019464	1.475948	.2780304	2.525014

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.702346	.4844828	.1609968	.0026246	.2440789	56.79364	.0063035
Stddev	.121474	.0018143	.0033390	.0002411	.0018621	.48862	.0007122
%RSD	1.812411	.3744873	2.073946	9.186099	.7629047	.8603492	11.29885

#1	6.634916	.4825990	.1623552	.0025466	.2432658	56.29731	.0055269
#2	6.842578	.4846309	.1634424	.0024322	.2427616	57.27417	.0064572
#3	6.629544	.4862185	.1571927	.0028951	.2462092	56.80944	.0069263

Sample Name: M4415-10 Acquired: 01/06/2022 0:11:52 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA51 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.321726	.0648244	.0068599
Stddev	.007450	.0012517	.0003640
%RSD	.5636585	1.930914	5.306341

#1	1.315004	.0655996	.0066318
#2	1.329736	.0654933	.0072797
#3	1.320438	.0633804	.0066682

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1442.327	43517.24	7310.667	1210.468	1895.858
Stddev	3.769	167.79	45.180	8.202	3.776
%RSD	.2612984	.3855767	.6179965	.6776200	.1991940

#1	1437.981	43361.72	7337.719	1205.088	1893.443
#2	1444.295	43695.07	7258.510	1206.407	1900.210
#3	1444.704	43494.94	7335.771	1219.908	1893.921

Sample Name: M4415-11 Acquired: 01/06/2022 0:15:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0763908	-.007979	.4494664	.0203895	.0021157	95.87861	1.299114
Stddev	.0052992	.005548	.0046214	.0071509	.0037868	1.00985	.006090
%RSD	6.936915	69.52457	1.028196	35.07140	178.9867	1.053259	.4687840

#1	.0702755	-.001993	.4547191	.0268560	.0054031	97.00784	1.305681
#2	.0792661	-.008999	.4460251	.0216029	.0029689	95.06214	1.293652
#3	.0796309	-.012946	.4476550	.0127095	-.002025	95.56584	1.298009

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080792	.0621604	88.08004	.1523027	.0973184	.2048029	163.9170
Stddev	.0001504	.0002842	.42425	.0004640	.0000743	.0017036	1.5311
%RSD	1.861316	.4571687	.4816697	.3046618	.0763879	.8318191	.9340587

#1	.0082498	.0618896	88.52507	.1521509	.0973962	.2067341	165.6804
#2	.0079661	.0624563	87.68017	.1528235	.0973111	.2041615	162.9252
#3	.0080217	.0621352	88.03489	.1519335	.0972480	.2035131	163.1456

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.102481	47.97047	.1765547	-.019197	2.062459	.2544579	6.695096
Stddev	.043751	.31529	.0006498	.000629	.235105	.0045095	.038869
%RSD	.5399701	.6572522	.3680525	3.274596	11.39926	1.772192	.5805639

#1	8.150239	48.30924	.1770777	-.018975	2.230739	.2582724	6.696742
#2	8.064334	47.68562	.1758272	-.019906	2.162806	.2494810	6.733117
#3	8.092871	47.91654	.1767591	-.018709	1.793831	.2556205	6.655430

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.020912	.5441606	.1673716	.0043333	.2184791	55.46782	.0077582
Stddev	.070495	.0004128	.0042493	.0002607	.0031556	.39468	.0044030
%RSD	.8788923	.0758562	2.538823	6.016111	1.444346	.7115558	56.75211

#1	8.094023	.5438968	.1722419	.0045705	.2150672	55.46545	.0099022
#2	7.953362	.5439487	.1654531	.0043754	.2190773	55.07433	.0026939
#3	8.015352	.5446363	.1644199	.0040542	.2212928	55.86368	.0106785

Sample Name: M4415-11 Acquired: 01/06/2022 0:15:55 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA52 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.381173	.0725082	-.033926
Stddev	.012782	.0014176	.000526
%RSD	.9254109	1.955136	1.550797

#1	1.395900	.0722773	-.034305
#2	1.372974	.0740271	-.034148
#3	1.374645	.0712201	-.033326

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1419.184	42834.07	7282.006	1194.070	1859.669
Stddev	.659	247.57	58.180	9.054	.951
%RSD	.0464656	.5779832	.7989581	.7582687	.0511358

#1	1419.505	43098.56	7279.971	1203.615	1858.602
#2	1418.425	42795.78	7341.177	1192.991	1859.979
#3	1419.621	42607.88	7224.870	1185.603	1860.426

Sample Name: M4415-12 Acquired: 01/06/2022 0:19:58 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0712011	-.005586	.5400874	.0239303	.0015297	89.49336	1.666584
Stddev	.0061965	.005255	.0015469	.0119980	.0032361	.52213	.006035
%RSD	8.702848	94.06773	.2864142	50.13704	211.5451	.5834244	.3621340

#1	.0640953	-.000477	.5384468	.0369589	.0052385	90.02697	1.672264
#2	.0754803	-.010975	.5402959	.0214957	-.000720	88.98353	1.660247
#3	.0740276	-.005305	.5415195	.0133364	.000071	89.46959	1.667239

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075194	.0749435	79.91091	.1509042	.1138022	.4451244	163.4348
Stddev	.0000775	.0000993	.20076	.0007504	.0007462	.0037254	.6405
%RSD	1.031108	.1324493	.2512340	.4972713	.6556753	.8369382	.3918894

#1	.0074299	.0749406	80.04933	.1513413	.1130306	.4459832	164.1185
#2	.0075669	.0750442	79.68065	.1513335	.1138558	.4483454	162.8487
#3	.0075613	.0748457	80.00273	.1500377	.1145201	.4410445	163.3371

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.14877	42.18769	.3510325	-.019818	1.672152	.2647662	5.441080
Stddev	.04959	.21467	.0003271	.000556	.350965	.0052230	.063001
%RSD	.3504768	.5088439	.0931708	2.807266	20.98883	1.972688	1.157883

#1	14.18497	42.40543	.3514086	-.019718	2.025100	.2699859	5.407935
#2	14.09225	41.97623	.3508152	-.020417	1.668152	.2595399	5.513735
#3	14.16910	42.18140	.3508737	-.019318	1.323204	.2647728	5.401570

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.261486	.7075350	.1693319	.0057236	.2977391	56.36892	.0159536
Stddev	.076462	.0018331	.0038790	.0003436	.0010369	.66889	.0011311
%RSD	.8255858	.2590795	2.290764	6.004136	.3482568	1.186630	7.089836

#1	9.194861	.7079330	.1664112	.0058920	.2987839	56.91108	.0163852
#2	9.244627	.7055357	.1737331	.0059505	.2977230	55.62143	.0146703
#3	9.344970	.7091365	.1678514	.0053282	.2967103	56.57424	.0168054

Sample Name: M4415-12 Acquired: 01/06/2022 0:19:58 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA53 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.174389	.0674610	-.038473
Stddev	.004241	.0011359	.000491
%RSD	.3611061	1.683726	1.276637

#1	1.176803	.0662042	-.038581
#2	1.169492	.0684142	-.038900
#3	1.176871	.0677646	-.037936

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1413.370	42856.59	7207.205	1193.740	1867.116
Stddev	1.521	251.57	59.650	13.620	1.566
%RSD	.1075936	.5869945	.8276477	1.140926	.0838901

#1	1414.935	43064.18	7191.755	1208.641	1865.796
#2	1413.277	42576.83	7273.060	1181.934	1868.847
#3	1411.898	42928.76	7156.800	1190.645	1866.704

Sample Name: M4415-13 Acquired: 01/06/2022 0:23:57 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0655249	-.001187	.4029489	.0203219	-.001389	83.37493	1.779298
Stddev	.0042662	.005415	.0051874	.0051343	.001163	5.91467	.128546
%RSD	6.510813	456.0154	1.287363	25.26492	83.68830	7.094062	7.224559

#1	.0651051	.002277	.4089269	.0258391	-.000627	90.15642	1.927731
#2	.0699855	.001588	.4002879	.0194424	-.000814	79.28287	1.705143
#3	.0614842	-.007427	.3996321	.0156841	-.002728	80.68549	1.705022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078193	.0303219	41.05898	.1276770	.0865664	.1344480	137.6187
Stddev	.0004813	.0003338	2.96119	.0001716	.0005146	.0123189	9.7569
%RSD	6.154588	1.100987	7.212036	.1344331	.5944766	9.162557	7.089797

#1	.0083632	.0299364	44.47145	.1277777	.0864037	.1486261	148.8208
#2	.0076460	.0305164	39.16583	.1274788	.0871427	.1263635	130.9779
#3	.0074487	.0305129	39.53966	.1277746	.0861527	.1283545	133.0573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.144112	18.44357	.1183487	-.015797	1.503511	.2656532	3.497654
Stddev	.658873	1.35350	.0005585	.000568	.205702	.0160902	.035561
%RSD	7.205430	7.338598	.4718836	3.598270	13.68144	6.056845	1.016710

#1	9.902552	19.98886	.1178332	-.015145	1.386007	.2842234	3.524551
#2	8.713032	17.46843	.1182710	-.016059	1.383495	.2558617	3.457335
#3	8.816751	17.87340	.1189420	-.016186	1.741031	.2568745	3.511076

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.896802	.4544154	.1431651	.0032560	.2148498	58.23196	.0047665
Stddev	.528354	.0031422	.0138982	.0006465	.0017002	3.44106	.0021888
%RSD	8.960002	.6914848	9.707796	19.85419	.7913330	5.909221	45.92007

#1	6.506235	.4557698	.1586134	.0026376	.2138461	62.18878	.0025888
#2	5.567567	.4508231	.1316764	.0032030	.2138905	55.93965	.0069662
#3	5.616604	.4566532	.1392056	.0039273	.2168128	56.56746	.0047444

Sample Name: M4415-13 Acquired: 01/06/2022 0:23:57 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA54 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.152665	.0511655	.0068431
Stddev	.080676	.0046485	.0009452
%RSD	6.999045	9.085162	13.81218

#1	1.244582	.0565245	.0072059
#2	1.093593	.0482224	.0057703
#3	1.119820	.0487497	.0075532

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1426.536	42858.49	6934.428	1187.069	1928.085
Stddev	1.870	258.47	408.368	4.010	.228
%RSD	.1310583	.6030849	5.888991	.3378481	.0118434

#1	1428.377	42560.22	6464.119	1182.594	1928.070
#2	1424.639	42998.46	7199.093	1190.340	1927.865
#3	1426.592	43016.79	7140.073	1188.272	1928.321

Sample Name: M4415-14 Acquired: 01/06/2022 0:27:59 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0795913	-.012287	.2129952	.0268012	.0011423	96.96971	1.775702
Stddev	.0105528	.004826	.0034055	.0073203	.0028570	.51757	.012352
%RSD	13.25876	39.27455	1.598846	27.31311	250.1186	.5337455	.6955988

#1	.0680953	-.013865	.2115726	.0325117	-.001315	97.19709	1.789488
#2	.0888383	-.016127	.2168814	.0293431	.000465	96.37737	1.765642
#3	.0818403	-.006870	.2105318	.0185489	.004277	97.33467	1.771978

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076473	.0095276	31.00181	.1565320	.1440617	.0827478	159.9080
Stddev	.0000022	.0000885	.14352	.0003754	.0003373	.0004254	.8997
%RSD	.0284214	.9287706	.4629547	.2398543	.2341714	.5140394	.5626591

#1	.0076458	.0095631	31.08828	.1566775	.1437330	.0822593	160.0310
#2	.0076463	.0094269	30.83614	.1561055	.1444071	.0829482	158.9531
#3	.0076498	.0095929	31.08102	.1568128	.1440449	.0830360	160.7400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.37980	20.28373	.1345679	-.020514	4.239623	.3272429	1.399824
Stddev	.07840	.11923	.0010831	.000522	.079288	.0033604	.019987
%RSD	.5859252	.5878115	.8048981	2.543504	1.870162	1.026879	1.427839

#1	13.40880	20.32324	.1338678	-.020301	4.148077	.3250184	1.383993
#2	13.29103	20.14976	.1358155	-.021108	4.284364	.3311085	1.393194
#3	13.43956	20.37819	.1340204	-.020132	4.286428	.3256018	1.422283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.210959	.3725792	.1582454	.0048230	.1003980	54.62317	.0050847
Stddev	.047990	.0017741	.0022712	.0004692	.0020467	.43272	.0014322
%RSD	.7726654	.4761709	1.435251	9.728453	2.038555	.7921988	28.16772

#1	6.177670	.3721941	.1581099	.0052437	.0982558	55.11923	.0067092
#2	6.189237	.3745143	.1560449	.0043170	.1023335	54.42702	.0040043
#3	6.265969	.3710294	.1605813	.0049082	.1006046	54.32326	.0045405

Sample Name: M4415-14 Acquired: 01/06/2022 0:27:59 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA55 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.453828	.0650778	-.027586
Stddev	.009431	.0010292	.000547
%RSD	.6486875	1.581441	1.982331

#1	1.458688	.0650234	-.028161
#2	1.442959	.0640769	-.027073
#3	1.459837	.0661331	-.027523

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1384.323	41869.17	6980.921	1164.917	1895.972
Stddev	3.570	340.37	9.082	9.668	5.502
%RSD	.2578789	.8129361	.1300937	.8299261	.2901982

#1	1387.743	42217.85	6970.434	1176.079	1900.847
#2	1384.606	41537.76	6986.103	1159.501	1897.062
#3	1380.620	41851.89	6986.225	1159.170	1890.006

Sample Name: M4415-15 Acquired: 01/06/2022 0:32:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA67 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0941885	-.007537	1.958241	.0267156	.0044295	109.2149	1.653563
Stddev	.0067382	.008067	.026229	.0046538	.0023968	1.2392	.006284
%RSD	7.153923	107.0379	1.339427	17.41990	54.11033	1.134608	.3800250

#1	.0941164	-.004437	1.928147	.0297227	.0020240	107.9511	1.647778
#2	.0874868	-.001479	1.970336	.0213551	.0044471	110.4278	1.652664
#3	.1009625	-.016694	1.976240	.0290691	.0068175	109.2657	1.660249

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106149	.0867813	88.78170	.1802384	.0909768	.2944761	199.3793
Stddev	.0001883	.0013724	.66311	.0004542	.0017522	.0063308	2.0774
%RSD	1.773786	1.581430	.7469021	.2520015	1.925982	2.149856	1.041943

#1	.0104294	.0851986	88.07346	.1798612	.0894892	.2876849	197.2780
#2	.0108059	.0875042	89.38784	.1801114	.0905329	.3002145	201.4320
#3	.0106093	.0876411	88.88379	.1807426	.0929082	.2955289	199.4279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.187542	37.55284	.1732582	-.022597	1.658769	.2867478	10.04903
Stddev	.078078	.42593	.0030870	.000605	.091937	.0047254	.12374
%RSD	1.086296	1.134210	1.781750	2.676027	5.542467	1.647939	1.231344

#1	7.109485	37.12056	.1698833	-.022028	1.705910	.2815057	10.00447
#2	7.265641	37.97212	.1759394	-.022532	1.552823	.2906803	10.18887
#3	7.187500	37.56583	.1739517	-.023232	1.717573	.2880574	9.95374

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.43744	.7544185	.2204168	.0065113	.4033005	54.13595	.0194907
Stddev	.24718	.0086354	.0034222	.0002777	.0078254	.29784	.0005675
%RSD	1.987371	1.144648	1.552599	4.264775	1.940337	.5501641	2.911696

#1	12.20404	.7449035	.2166783	.0063582	.3943699	53.80248	.0192781
#2	12.69641	.7617586	.2233948	.0068318	.4089574	54.37553	.0190602
#3	12.41187	.7565934	.2211772	.0063438	.4065742	54.22985	.0201338

Sample Name: M4415-15 Acquired: 01/06/2022 0:32:02 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA67 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.436135	.0776913	-.017584
Stddev	.021492	.0011271	.000580
%RSD	1.496524	1.450812	3.298007

#1	1.416218	.0789659	-.017988
#2	1.458915	.0772819	-.016919
#3	1.433272	.0768260	-.017844

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1414.255	42711.27	7204.274	1180.640	1851.397
Stddev	13.131	266.09	66.653	7.313	19.463
%RSD	.9284410	.6229913	.9251833	.6194042	1.051236

#1	1429.241	42989.66	7274.910	1184.642	1873.815
#2	1408.756	42459.49	7142.489	1172.199	1841.561
#3	1404.768	42684.65	7195.422	1185.079	1838.816

Sample Name: M4415-16 Acquired: 01/06/2022 0:36:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA67D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0729881	-.001080	1.843456	.0214067	.0020878	109.6171	1.638462
Stddev	.0045320	.005022	.006712	.0108166	.0012006	4.2112	.051324
%RSD	6.209278	464.8159	.3641242	50.52897	57.50262	3.841730	3.132419

#1	.0696099	-.000611	1.847215	.0279772	.0007113	114.4251	1.697475
#2	.0712159	.003690	1.835706	.0273203	.0029183	107.8434	1.613666
#3	.0781384	-.006321	1.847447	.0089225	.0026339	106.5830	1.604246

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104913	.0813349	86.67390	.1742580	.0887772	.2826531	196.9056
Stddev	.0004894	.0004032	2.94831	.0006820	.0002387	.0095746	7.2689
%RSD	4.664596	.4957299	3.401609	.3913551	.2688614	3.387393	3.691540

#1	.0110519	.0809365	90.06117	.1746576	.0886757	.2936255	205.2135
#2	.0101492	.0813255	85.27574	.1734706	.0886061	.2759934	193.7865
#3	.0102728	.0817427	84.68479	.1746459	.0890499	.2783403	191.7169

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.132601	37.55194	.1674988	-.020830	1.458441	.2945968	9.548923
Stddev	.255986	1.31574	.0008780	.000771	.085587	.0143582	.143892
%RSD	3.588961	3.503784	.5241978	3.701203	5.868374	4.873862	1.506888

#1	7.427115	39.05906	.1675287	-.019940	1.438127	.3108783	9.660521
#2	7.007143	36.96458	.1666062	-.021290	1.384838	.2891659	9.599726
#3	6.963545	36.63219	.1683615	-.021260	1.552357	.2837462	9.386521

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.68307	.7430086	.2180864	.0066267	.3679967	55.55053	.0154198
Stddev	.39834	.0035560	.0127751	.0004229	.0013319	1.65198	.0012696
%RSD	3.140699	.4785877	5.857831	6.382048	.3619226	2.973841	8.233499

#1	13.14199	.7469248	.2306203	.0061607	.3693557	57.45767	.0168323
#2	12.48045	.7399817	.2185560	.0067332	.3666938	54.63123	.0143736
#3	12.42678	.7421193	.2050829	.0069862	.3679406	54.56269	.0150536

Sample Name: M4415-16 Acquired: 01/06/2022 0:36:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA67D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.465525	.0778879	-.017729
Stddev	.057072	.0013546	.000439
%RSD	3.894296	1.739190	2.474928

#1	1.530931	.0794504	-.017486
#2	1.439805	.0771703	-.018235
#3	1.425839	.0770431	-.017465

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1404.129	42577.71	7046.881	1174.632	1849.160
Stddev	3.197	264.71	186.636	6.566	1.467
%RSD	.2276511	.6217199	2.648485	.5589556	.0793270

#1	1403.187	42837.78	6831.635	1173.307	1847.476
#2	1407.690	42308.58	7145.309	1168.830	1850.157
#3	1401.509	42586.76	7163.700	1181.759	1849.847

Sample Name: M4415-15LX5 Acquired: 01/06/2022 0:40:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA67L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0245023	-.004674	.3863635	.0051175	-.000809	23.79010	.3617609
Stddev	.0045945	.000848	.0021995	.0003307	.001037	.24780	.0018539
%RSD	18.75125	18.14611	.5692890	6.462329	128.2267	1.041613	.5124733

#1	.0257210	-.005048	.3859394	.0047362	-.000028	24.07618	.3634118
#2	.0283646	-.003703	.3844069	.0052899	-.000413	23.65190	.3621158
#3	.0194214	-.005270	.3887442	.0053263	-.001986	23.64222	.3597552

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022291	.0165597	19.63630	.0395312	.0171000	.0631171	44.87381
Stddev	.0000539	.0003470	.14813	.0005515	.0001964	.0017992	.47957
%RSD	2.417935	2.095403	.7543585	1.395167	1.148520	2.850528	1.068708

#1	.0022029	.0161964	19.80140	.0392451	.0170484	.0631215	45.42198
#2	.0021932	.0165950	19.51506	.0401669	.0169345	.0613157	44.53175
#3	.0022911	.0168877	19.59243	.0391814	.0173170	.0649141	44.66770

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.607298	8.292656	.0339663	-.005980	.3338801	.0651251	2.192818
Stddev	.011219	.072151	.0011868	.000393	.2799464	.0028130	.012783
%RSD	.6980213	.8700579	3.493904	6.569989	83.84639	4.319349	.5829396

#1	1.619176	8.368532	.0332685	-.005551	.4451324	.0633068	2.207563
#2	1.596881	8.224921	.0332938	-.006322	.5410983	.0637034	2.186029
#3	1.605836	8.284516	.0353365	-.006067	.0154095	.0683652	2.184863

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.976734	.1397195	.0402605	.0009911	.0732152	11.90955	.0011790
Stddev	.049367	.0004615	.0013622	.0006092	.0002161	.10701	.0038313
%RSD	2.497393	.3302942	3.383431	61.46763	.2951318	.8985593	324.9647

#1	2.024695	.1392513	.0417094	.0003837	.0734459	12.02899	-.001959
#2	1.979433	.1397330	.0390059	.0016022	.0730175	11.82240	.000048
#3	1.926073	.1401740	.0400662	.0009875	.0731823	11.87725	.005449

Sample Name: M4415-15LX5 Acquired: 01/06/2022 0:40:03 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA67L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3180703	.0147028	-.004829
Stddev	.0017318	.0007884	.000115
%RSD	.5444599	5.362296	2.384379

#1	.3200605	.0138155	-.004779
#2	.3172443	.0149699	-.004747
#3	.3169062	.0153229	-.004960

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1301.190	39203.77	6480.948	1088.831	1963.710
Stddev	3.524	404.82	36.866	3.168	8.533
%RSD	.2707956	1.032606	.5688439	.2909415	.4345316

#1	1305.123	39502.40	6439.599	1091.946	1972.615
#2	1300.123	38743.01	6492.859	1085.613	1962.910
#3	1298.323	39365.89	6510.387	1088.933	1955.605

Sample Name: M4415-17 Acquired: 01/06/2022 0:44:07 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA67S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1605909	.0827810	1.625117	.2082347	.0308228	116.5282	5.510818
Stddev	.0079521	.0086364	.008342	.0061791	.0038685	1.0544	.016279
%RSD	4.951747	10.43285	.5132869	2.967384	12.55074	.9048860	.2953923

#1	.1616736	.0750875	1.615682	.2055749	.0321766	115.3129	5.497496
#2	.1679460	.0921227	1.631512	.2038309	.0264594	117.2005	5.505996
#3	.1521529	.0811328	1.628157	.2152983	.0338324	117.0712	5.528963

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1171833	.1834061	86.85580	.6284854	1.226376	.7286813	180.3298
Stddev	.0005631	.0001018	.47490	.0032491	.001081	.0089009	1.4100
%RSD	.4804988	.0555264	.5467690	.5169729	.0881680	1.221512	.7819089

#1	.1165462	.1834861	86.31159	.6255411	1.227316	.7185477	178.7018
#2	.1173896	.1832914	87.06955	.6279438	1.225194	.7322616	181.1654
#3	.1176141	.1834407	87.18626	.6319712	1.226617	.7352346	181.1221

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.182223	33.44848	1.215614	.0827515	1.350721	1.248490	9.103171
Stddev	.052017	.18818	.000284	.0002670	.168940	.007889	.024293
%RSD	.7242443	.5626069	.0233590	.3226093	12.50742	.6318734	.2668649

#1	7.122305	33.23190	1.215294	.0830505	1.336725	1.249387	9.079486
#2	7.208550	33.57200	1.215835	.0825372	1.189213	1.255892	9.101996
#3	7.215812	33.54155	1.215713	.0826666	1.526223	1.240191	9.128030

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.42384	.7288652	.2020164	.0064126	.4536369	48.69383	.0168888
Stddev	.07389	.0014675	.0021014	.0003211	.0014700	.26971	.0011926
%RSD	.5504371	.2013358	1.040232	5.007406	.3240424	.5538849	7.061477

#1	13.33855	.7277372	.2019455	.0064550	.4529710	48.39539	.0167240
#2	13.46852	.7305242	.2041524	.0060724	.4553220	48.92013	.0181552
#3	13.46444	.7283341	.1999513	.0067104	.4526178	48.76596	.0157872

Sample Name: M4415-17 Acquired: 01/06/2022 0:44:07 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: EXA67S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.604102	.0809945	.0133926
Stddev	.016790	.0006553	.0008624
%RSD	1.046669	.8091219	6.439283

#1	1.584715	.0808711	.0123989
#2	1.613927	.0817027	.0139454
#3	1.613663	.0804096	.0138336

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.111	41917.18	7066.228	1159.897	1815.828
Stddev	.874	59.80	31.873	2.247	.892
%RSD	.0633256	.1426725	.4510574	.1937275	.0491208

#1	1379.814	41934.45	7101.094	1157.341	1816.841
#2	1379.424	41850.64	7038.590	1160.789	1815.479
#3	1381.094	41966.45	7059.000	1161.561	1815.163

Sample Name: CCV007 Acquired: 01/06/2022 0:48:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.926165	4.914860	24.08906	4.707449	F 4.407001	379.6012
Stddev	.019995	.020727	.02310	.010468	.016950	2.7155
%RSD	.4058929	.4217136	.0958806	.2223722	.3846063	.7153594

#1	4.923172	4.927429	24.07086	4.708233	4.389088	379.7957
#2	4.947488	4.890937	24.11504	4.696611	4.422786	382.2142
#3	4.907836	4.926215	24.08128	4.717503	4.409130	376.7936

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.446096	.5137219	2.430490	401.2117	15.26080	2.512749
Stddev	.019968	.0033122	.003660	1.7035	.02794	.002941
%RSD	.2113872	.6447501	.1505836	.4245853	.1830759	.1170355

#1	9.445284	.5174872	2.427469	401.3215	15.26690	2.509354
#2	9.466458	.5124202	2.434560	402.8577	15.23032	2.514468
#3	9.426547	.5112583	2.429442	399.4560	15.28519	2.514426

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.67285	390.1116	14.95705	391.6335	2.263526	1.303637
Stddev	.16731	2.6794	.10264	2.1693	.006868	.008077
%RSD	1.140284	.6868284	.6862489	.5539125	.3034314	.6195447

#1	14.69496	390.0455	14.94221	391.5828	2.260759	1.296820
#2	14.82800	392.8235	15.06630	393.8277	2.271346	1.301534
#3	14.49557	387.4659	14.86263	389.4899	2.258472	1.312558

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.4069	2.340383	15.06636	152.0821	F 5.981368	5.382781
Stddev	2.9556	.011197	.16006	1.3819	.017197	.019380
%RSD	.7474877	.4784110	1.062353	.9086724	.2875160	.3600353

#1	394.4026	2.337720	15.07979	152.3822	5.990549	5.398429
#2	398.7338	2.352671	15.21928	153.2893	5.961528	5.388811
#3	393.0843	2.330758	14.90001	150.5748	5.992025	5.361103

Sample Name: CCV007 Acquired: 01/06/2022 0:48:04 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.686957	5.036510	5.221843	4.736359	4.846018	5.052652
Stddev	.019836	.011774	.018873	.016176	.044552	.004366
%RSD	.4232151	.2337689	.3614284	.3415269	.9193567	.0864099
#1	4.676920	5.044432	5.242408	4.719285	4.842040	5.048076
#2	4.674146	5.022980	5.217806	4.751455	4.892426	5.053108
#3	4.709805	5.042116	5.205314	4.738336	4.803589	5.056772

Elem	Sr4077
Units	ppm
Avg	4.528004
Stddev	.047918
%RSD	1.058256
#1	4.545898
#2	4.564401
#3	4.473715

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1045.543	34004.46	5939.804	900.9916	1471.733
Stddev	4.490	166.60	26.825	3.3184	1.546
%RSD	.4294004	.4899416	.4516126	.3683067	.1050136
#1	1047.184	34190.17	5922.768	901.4433	1472.323
#2	1048.981	33955.06	5925.919	897.4705	1472.897
#3	1040.464	33868.14	5970.725	904.0611	1469.980

Sample Name: CCB007 Acquired: 01/06/2022 0:57:14 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036345	-.000529	-.002787	-.000790	-.000880	.0057903	.0020880
Stddev	.0030518	.002915	.003078	.002946	.001513	.0122624	.0008985
%RSD	83.96870	550.9822	110.4380	373.0229	171.8573	211.7750	43.03379

#1	.0067815	-.001412	-.002182	.001536	-.001895	-.003430	.0015404
#2	.0034343	.002725	-.006122	-.004103	-.001604	.001094	.0015985
#3	.0006877	-.002900	-.000056	.000197	.000858	.019707	.0031250

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000640	.0000946	-.005127	.0002911	.0001154	-.001567	.0180550
Stddev	.0000448	.0000271	.014608	.0005374	.0001807	.001320	.0139876
%RSD	70.07620	28.64029	284.9296	184.5951	156.6214	84.20251	77.47188

#1	.0000148	.0001194	.010345	-.000297	.0003076	-.000327	.0020639
#2	.0001026	.0000657	-.007044	.000414	.0000898	-.002954	.0280164
#3	.0000744	.0000988	-.018681	.000756	-.000051	-.001420	.0240847

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007562	.0241246	.0005747	-.001489	-.198248	-.001730	-.000125
Stddev	.0002790	.0507406	.0004850	.000737	.206303	.002902	.009629
%RSD	36.89544	210.3271	84.38826	49.48493	104.0633	167.7899	7731.692

#1	.0004847	.0595560	.0008482	-.001900	-.090463	.000832	-.009575
#2	.0010422	-.034002	.0000147	-.001929	-.436119	-.004882	-.000471
#3	.0007417	.046820	.0008612	-.000638	-.068162	-.001140	.009672

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.040237	-.000475	-.009950	.0003991	.0003996	.0011863	-.000937
Stddev	.076306	.000136	.001217	.0002466	.0008239	.0005123	.000517
%RSD	189.6413	28.71826	12.22872	61.79157	206.1696	43.18604	55.18348

#1	-.045169	-.000618	-.010554	.0003290	.0013065	.0016017	-.000587
#2	.038415	-.000461	-.010746	.0001951	.0001949	.0006138	-.001532
#3	-.113957	-.000346	-.008549	.0006732	-.000303	.0013435	-.000694

Sample Name: CCB007 Acquired: 01/06/2022 0:57:14 Type: Unk
 Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
 User: BIN Custom ID1: CCB007 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003696	-.001739	.0002321
Stddev	.0016730	.000940	.0000750
%RSD	452.6416	54.01949	32.32772

#1	.0007942	-.002076	.0003164
#2	.0017894	-.000678	.0001724
#3	-.001475	-.002464	.0002076

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1260.642	37564.79	6226.783	1054.285	1980.035
Stddev	4.580	275.33	20.674	3.420	4.708
%RSD	.3632782	.7329514	.3320172	.3243495	.2377733

#1	1258.416	37430.62	6248.525	1052.352	1977.583
#2	1265.909	37881.49	6207.375	1058.234	1985.463
#3	1257.602	37382.26	6224.450	1052.271	1977.059

Sample Name: M4415-18 Acquired: 01/06/2022 1:01:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA68 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0836414	-.007716	1.837945	.0205718	.0041644	106.6465	1.712719
Stddev	.0103084	.008784	.006878	.0052997	.0050573	.4276	.008008
%RSD	12.32451	113.8336	.3742073	25.76174	121.4409	.4009260	.4675504

#1	.0949237	-.014838	1.838048	.0167886	.0041097	106.3083	1.719228
#2	.0812857	-.010409	1.844770	.0266290	.0092489	106.5041	1.703777
#3	.0747147	.002098	1.831016	.0182979	-.000865	107.1271	1.715152

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097292	.1045086	67.25369	.1750641	.0982938	.2679672	181.9908
Stddev	.0002284	.0002332	.21745	.0001994	.0001200	.0042139	1.0883
%RSD	2.347492	.2231211	.3233209	.1138844	.1220929	1.572553	.5980163

#1	.0099504	.1042864	67.19961	.1748657	.0984323	.2631509	181.0263
#2	.0094942	.1044881	67.06839	.1750624	.0982217	.2709751	181.7753
#3	.0097429	.1047514	67.49307	.1752644	.0982273	.2697757	183.1707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.110141	32.51215	.1729413	-.019706	1.665421	.2843437	10.46465
Stddev	.045946	.19173	.0009808	.000187	.364993	.0064096	.07488
%RSD	.5043370	.5897157	.5671084	.9488695	21.91596	2.254158	.7155985

#1	9.066924	32.29816	.1730149	-.019921	1.684359	.2777274	10.41134
#2	9.105100	32.66830	.1719258	-.019584	2.020575	.2847795	10.43235
#3	9.158399	32.56999	.1738832	-.019614	1.291327	.2905242	10.55027

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.03843	.6777068	.1978458	.0061332	.3840941	55.02049	.0141196
Stddev	.15640	.0011615	.0017846	.0012437	.0023297	.09728	.0002720
%RSD	1.299174	.1713865	.9020098	20.27778	.6065319	.1768072	1.926241

#1	11.89757	.6773806	.1987603	.0063016	.3850891	55.11734	.0138058
#2	12.01098	.6789965	.1957894	.0072841	.3857610	55.02134	.0142658
#3	12.20674	.6767433	.1989879	.0048139	.3814322	54.92279	.0142872

Sample Name: M4415-18 Acquired: 01/06/2022 1:01:24 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA68 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.479447	.0746773	-.027914
Stddev	.006023	.0006338	.000618
%RSD	.4071395	.8486972	2.214240

#1	1.476917	.0741689	-.027687
#2	1.475101	.0753874	-.027440
#3	1.486322	.0744756	-.028613

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1419.314	42741.78	7185.151	1198.233	1872.975
Stddev	2.648	154.05	23.736	4.940	1.539
%RSD	.1865608	.3604231	.3303445	.4122616	.0821604

#1	1417.845	42799.08	7166.808	1193.691	1874.150
#2	1422.371	42858.96	7211.959	1203.492	1873.542
#3	1417.726	42567.28	7176.686	1197.514	1871.233

Sample Name: M4415-19 Acquired: 01/06/2022 1:05:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA69 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0659161	-.007559	.4219966	.0278523	.0014103	131.1091	1.963175
Stddev	.0050701	.003842	.0044008	.0028544	.0066927	3.9481	.046589
%RSD	7.691723	50.82905	1.042855	10.24842	474.5601	3.011304	2.373139

#1	.0711174	-.011973	.4171428	.0252531	-.006297	126.5621	1.909600
#2	.0609883	-.004967	.4231206	.0309071	.005749	133.0974	1.994185
#3	.0656425	-.005737	.4257264	.0273967	.004780	133.6678	1.985740

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088819	.0120477	64.29593	.1882473	.0998256	.1310049	204.5373
Stddev	.0000247	.0002118	1.85897	.0013646	.0003530	.0037450	6.0285
%RSD	.2777777	1.757588	2.891279	.7249142	.3535904	2.858683	2.947385

#1	.0089102	.0120644	62.15020	.1898136	.0998400	.1267176	197.5847
#2	.0088651	.0122506	65.42042	.1873145	.1001712	.1326593	207.7151
#3	.0088703	.0118281	65.31718	.1876139	.0994657	.1336378	208.3121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.716159	36.45238	.1471451	-.024787	1.621409	.3386619	3.625272
Stddev	.171889	1.00603	.0006356	.000648	.314873	.0111630	.088602
%RSD	3.007067	2.759835	.4319396	2.612902	19.41972	3.296210	2.444020

#1	5.517679	35.29324	.1465373	-.025024	1.299994	.3260644	3.524469
#2	5.815177	36.96569	.1470928	-.024054	1.634929	.3425966	3.690822
#3	5.815621	37.09819	.1478053	-.025282	1.929305	.3473248	3.660526

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.419367	.3747238	.2103646	.0042729	.1589921	51.68985	.0049505
Stddev	.410362	.0024096	.0065512	.0004256	.0030344	.69110	.0006662
%RSD	4.874020	.6430391	3.114234	9.959183	1.908545	1.337013	13.45744

#1	7.949734	.3760123	.2028954	.0046352	.1621389	51.06004	.0055622
#2	8.708777	.3762152	.2130614	.0038043	.1587533	51.58034	.0050486
#3	8.599590	.3719439	.2151370	.0043793	.1560841	52.42916	.0042406

Sample Name: M4415-19 Acquired: 01/06/2022 1:05:25 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA69 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.978583	.1017110	-.035997
Stddev	.058586	.0019361	.000897
%RSD	2.961005	1.903486	2.492975

#1	1.910955	.0996016	-.035151
#2	2.010906	.1021246	-.036938
#3	2.013886	.1034069	-.035903

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1387.454	41915.52	7099.066	1161.114	1878.190
Stddev	2.295	355.99	146.029	12.691	4.142
%RSD	.1654163	.8493108	2.057017	1.092980	.2205150

#1	1389.961	42229.35	7266.491	1174.207	1881.636
#2	1385.455	41528.68	7032.705	1148.868	1873.595
#3	1386.947	41988.52	6998.001	1160.269	1879.339

Sample Name: M4415-20 Acquired: 01/06/2022 1:09:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA70 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1061838	-.001839	2.084680	.0224004	.0027516	104.5077	2.022727
Stddev	.0081484	.003580	.006315	.0104698	.0042164	.4496	.003675
%RSD	7.673876	194.6791	.3029297	46.73947	153.2380	.4301819	.1816644

#1	.1081232	.001886	2.077389	.0233620	.0070223	103.9973	2.026665
#2	.0972407	-.005254	2.088211	.0114829	.0026408	104.8451	2.022126
#3	.1131876	-.002150	2.088440	.0323562	-.001408	104.6807	2.019390

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099453	.1706988	95.94374	.1721910	.1124615	.3238185	189.7813
Stddev	.0000579	.0002602	.25898	.0007285	.0008026	.0074781	.8636
%RSD	.5819504	.1524240	.2699337	.4230507	.7136584	2.309361	.4550557

#1	.0100062	.1705864	95.67724	.1728057	.1125911	.3189025	188.8732
#2	.0098910	.1705137	96.19449	.1713864	.1116021	.3324245	190.5921
#3	.0099386	.1709963	95.95950	.1723809	.1131915	.3201285	189.8788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.89183	32.87701	.1891637	-.020012	1.366959	.2855798	14.42647
Stddev	.04991	.13763	.0024090	.000139	.159801	.0058086	.07806
%RSD	.4582536	.4186124	1.273517	.6941756	11.69025	2.033959	.5411036

#1	10.84839	32.80654	.1903700	-.019989	1.405802	.2789944	14.41561
#2	10.94635	33.03560	.1863898	-.019886	1.503757	.2877709	14.50939
#3	10.88075	32.78888	.1907313	-.020161	1.191317	.2899741	14.35440

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.02171	.6820267	.2016260	.0067659	.3357015	55.22539	.0144135
Stddev	.07719	.0015519	.0017660	.0001875	.0016873	.07551	.0016893
%RSD	.6421040	.2275382	.8758550	2.770907	.5026265	.1367284	11.72043

#1	11.97423	.6833841	.2003318	.0069710	.3347094	55.22932	.0125932
#2	12.11078	.6803349	.2036378	.0067236	.3347453	55.14799	.0159309
#3	11.98012	.6823613	.2009085	.0066033	.3376497	55.29885	.0147163

Sample Name: M4415-20 Acquired: 01/06/2022 1:09:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA70 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.580246	.0771928	.0455879
Stddev	.008296	.0013735	.0005405
%RSD	.5249695	1.779353	1.185659

#1	1.573433	.0778294	.0451366
#2	1.589484	.0756165	.0461869
#3	1.577821	.0781325	.0454401

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1419.296	43041.86	7190.540	1187.693	1868.584
Stddev	2.144	120.49	30.436	6.978	3.073
%RSD	.1510689	.2799379	.4232755	.5875388	.1644490

#1	1416.939	43040.16	7175.867	1183.078	1868.030
#2	1421.130	42922.22	7170.221	1184.280	1871.896
#3	1419.819	43163.19	7225.533	1195.720	1865.825

Sample Name: M4415-21 Acquired: 01/06/2022 1:13:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA71 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0888017	-.006279	1.284604	.0297482	.0012942	100.1603	2.098413
Stddev	.0110294	.003397	.004577	.0095355	.0014697	2.4417	.046102
%RSD	12.42021	54.10714	.3563238	32.05421	113.5654	2.437816	2.196972

#1	.0761564	-.009985	1.288456	.0407458	.0026135	102.8817	2.150486
#2	.0964354	-.003313	1.279544	.0247129	-.000290	99.4377	2.081954
#3	.0938132	-.005539	1.285812	.0237857	.001559	98.1614	2.062801

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094310	.0735865	92.92429	.1627397	.0992830	.2591397	186.5725
Stddev	.0002368	.0001570	2.06465	.0012748	.0005201	.0078223	3.9914
%RSD	2.510381	.2133596	2.221864	.7833511	.5238341	3.018581	2.139332

#1	.0096861	.0734483	95.30414	.1626644	.0986829	.2649242	191.1780
#2	.0093886	.0737573	91.85684	.1640504	.0995648	.2622552	184.4224
#3	.0092183	.0735540	91.61188	.1615041	.0996014	.2502396	184.1171

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.70828	33.02545	.1720456	-.021061	1.318201	.2968747	9.105587
Stddev	.23914	.63646	.0006484	.000434	.307485	.0068130	.063470
%RSD	2.233242	1.927191	.3768767	2.062017	23.32612	2.294921	.6970410

#1	10.98438	33.74878	.1717447	-.020968	1.444829	.3041703	9.178856
#2	10.57447	32.77637	.1727897	-.020681	1.542153	.2957757	9.070398
#3	10.56601	32.55119	.1716023	-.021535	.967622	.2906779	9.067506

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.13670	.5727993	.1972941	.0055866	.2301922	55.53242	.0128499
Stddev	.30693	.0020113	.0059473	.0006197	.0024423	.98488	.0021877
%RSD	3.027898	.3511398	3.014430	11.09282	1.060990	1.773519	17.02533

#1	10.44456	.5707575	.2040706	.0050914	.2283326	56.65623	.0130717
#2	10.13482	.5747788	.1948700	.0053869	.2329581	55.12146	.0105597
#3	9.83071	.5728616	.1929417	.0062816	.2292858	54.81958	.0149182

Sample Name: M4415-21 Acquired: 01/06/2022 1:13:27 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA71 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.709142	.0763078	.0547812
Stddev	.043360	.0022939	.0028857
%RSD	2.536937	3.006098	5.267616

#1	1.758471	.0789562	.0575749
#2	1.691896	.0749434	.0549571
#3	1.677057	.0750239	.0518117

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1387.903	42173.77	6997.023	1172.834	1843.219
Stddev	2.181	110.31	118.601	6.887	.199
%RSD	.1571320	.2615599	1.695024	.5872443	.0108019

#1	1387.606	42198.45	6865.807	1171.218	1843.351
#2	1390.217	42269.65	7028.675	1166.899	1843.317
#3	1385.885	42053.21	7096.587	1180.386	1842.990

Sample Name: M4415-22 Acquired: 01/06/2022 1:17:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA72 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0705589	-.008844	.5296678	.0213237	.0011974	92.95768	1.964369
Stddev	.0144598	.008216	.0032643	.0052245	.0026815	.08163	.004557
%RSD	20.49319	92.90217	.6162910	24.50086	223.9519	.0878179	.2320066

#1	.0560536	-.003493	.5333230	.0192904	-.001706	92.96192	1.969480
#2	.0849727	-.004735	.5286371	.0272592	.003581	93.03712	1.960729
#3	.0706503	-.018304	.5270433	.0174217	.001716	92.87402	1.962897

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074302	.0240932	39.35678	.1504821	.1253253	.1208766	166.3198
Stddev	.0001054	.0001951	.08994	.0007498	.0003079	.0025465	.3134
%RSD	1.418123	.8096124	.2285321	.4982801	.2456487	2.106684	.1884354

#1	.0075283	.0242887	39.43329	.1509946	.1256466	.1180798	166.3027
#2	.0074434	.0238986	39.37936	.1508302	.1252964	.1230610	166.6414
#3	.0073188	.0240923	39.25770	.1496215	.1250330	.1214891	166.0153

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.64159	21.98903	.1291667	-.020812	1.325155	.3096490	5.363583
Stddev	.02021	.05926	.0010810	.000476	.263628	.0028744	.076990
%RSD	.1599030	.2694910	.8368968	2.288516	19.89412	.9282680	1.435422

#1	12.62787	22.02530	.1301838	-.021361	1.021009	.3117769	5.306785
#2	12.66481	21.92064	.1280315	-.020570	1.488233	.3063792	5.451210
#3	12.63210	22.02114	.1292847	-.020506	1.466223	.3107911	5.332753

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.623833	.3646171	.1665579	.0039369	.1195034	56.26583	.0051498
Stddev	.114311	.0005117	.0018710	.0004964	.0010343	.17594	.0022290
%RSD	1.499394	.1403259	1.123358	12.60913	.8654955	.3126922	43.28288

#1	7.505923	.3651972	.1660538	.0038084	.1200715	56.32311	.0070876
#2	7.631406	.3644242	.1686294	.0035174	.1183096	56.40599	.0027139
#3	7.734169	.3642300	.1649906	.0044849	.1201292	56.06839	.0056478

Sample Name: M4415-22 Acquired: 01/06/2022 1:17:28 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: EXA72 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.856767	.0824181	-.009408
Stddev	.004381	.0006509	.000715
%RSD	.2359555	.7896917	7.598565

#1	1.851753	.0824042	-.010215
#2	1.859860	.0817743	-.008852
#3	1.858686	.0830758	-.009158

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.982	41610.33	6990.696	1169.965	1914.845
Stddev	.301	249.63	20.859	8.008	2.864
%RSD	.0217709	.5999216	.2983765	.6844782	.1495708

#1	1381.009	41346.89	6967.828	1177.826	1911.715
#2	1381.268	41843.36	7008.677	1161.818	1917.334
#3	1380.669	41640.72	6995.583	1170.253	1915.486

Sample Name: CCV008 Acquired: 01/06/2022 1:21:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.947184	4.890556	24.25151	4.733281	F 4.455757	380.7525
Stddev	.032768	.010298	.06066	.004319	.015572	4.6399
%RSD	.6623635	.2105626	.2501293	.0912401	.3494812	1.218606

#1	4.910851	4.878805	24.18375	4.737332	4.462727	377.0320
#2	4.956201	4.894860	24.27006	4.733774	4.437918	385.9514
#3	4.974500	4.898004	24.30074	4.728737	4.466627	379.2741

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.510243	.5137944	2.442717	401.3730	15.26296	2.518499
Stddev	.031051	.0063223	.006346	2.0954	.01922	.009179
%RSD	.3264990	1.230506	.2597846	.5220466	.1259417	.3644508

#1	9.508271	.5068564	2.438647	399.5852	15.28112	2.510778
#2	9.542233	.5192303	2.439475	403.6787	15.24283	2.516072
#3	9.480225	.5152966	2.450029	400.8550	15.26493	2.528648

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.59831	391.1060	14.96867	392.9483	2.294415	1.299455
Stddev	.22206	4.5633	.13791	3.5719	.008774	.004051
%RSD	1.521121	1.166763	.9213185	.9090012	.3824261	.3117825

#1	14.38984	387.6078	14.84485	390.0059	2.290103	1.303864
#2	14.83183	396.2677	15.11730	396.9226	2.288631	1.295896
#3	14.57328	389.4426	14.94385	391.9165	2.304511	1.298606

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	396.1221	2.347024	14.97299	151.0930	F 5.965713	5.366312
Stddev	3.6300	.021628	.20962	2.3780	.026052	.056967
%RSD	.9163718	.9215110	1.399984	1.573870	.4366994	1.061574

#1	394.0819	2.339846	15.08053	148.9623	5.973107	5.306593
#2	400.3131	2.371328	15.10701	153.6584	5.936764	5.420057
#3	393.9713	2.329897	14.73142	150.6583	5.987270	5.372285

Sample Name: CCV008 Acquired: 01/06/2022 1:21:31 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.699077	5.046422	5.186483	4.789378	4.842017	5.071127
Stddev	.006076	.017279	.060798	.018241	.060471	.005258
%RSD	.1292925	.3423933	1.172238	.3808558	1.248881	.1036901

#1	4.701915	5.047053	5.118902	4.792565	4.789962	5.076655
#2	4.692102	5.028836	5.236735	4.769754	4.908349	5.066188
#3	4.703215	5.063376	5.203813	4.805815	4.827741	5.070538

Elem	Sr4077
Units	ppm
Avg	4.511817
Stddev	.083099
%RSD	1.841818

#1	4.434354
#2	4.599590
#3	4.501505

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1047.650	34103.72	5958.644	901.6404	1470.941
Stddev	2.254	154.12	70.674	6.8331	2.030
%RSD	.2151309	.4519149	1.186074	.7578567	.1380397

#1	1047.363	33937.35	6030.350	897.9765	1473.227
#2	1045.553	34132.20	5889.049	897.4205	1469.348
#3	1050.033	34241.62	5956.534	909.5240	1470.247

Sample Name: CCB008 Acquired: 01/06/2022 1:25:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016638	.0041266	.0012322	.0060597	-.000933	.0039211	.0019266
Stddev	.0121165	.0003161	.0023224	.0013675	.001356	.0039066	.0003455
%RSD	728.2551	7.658781	188.4790	22.56796	145.3660	99.63222	17.93492

#1	-.010591	.0041826	-.000361	.0044940	-.000120	-.000587	.0018442
#2	.001946	.0037864	.003897	.0066648	-.002499	.006321	.0023059
#3	.013637	.0044110	.000161	.0070203	-.000180	.006029	.0016297

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000024	-.000059	-.013235	-.000029	-.000493	-.001731	.0114000
Stddev	.000121	.000059	.002956	.000853	.000300	.001610	.0068685
%RSD	512.2757	99.31636	22.33059	2903.670	60.76488	93.01416	60.24999

#1	.000011	-.000127	-.016409	.000317	-.000493	-.002234	.0076849
#2	.000077	-.000034	-.010562	.000596	-.000193	.000071	.0193259
#3	-.000158	-.000017	-.012735	-.001001	-.000793	-.003030	.0071893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002449	.0233724	.0002171	-.001388	.0361892	-.003534	-.000620
Stddev	.0007769	.0181014	.0005856	.000489	.2504085	.005685	.003437
%RSD	317.3153	77.44770	269.6884	35.22819	691.9415	160.9024	553.8407

#1	-.000652	.0235206	-.000102	-.001832	-.117436	-.002590	-.003702
#2	.000717	.0413992	.000893	-.001468	.325143	-.009632	.003085
#3	.000670	.0051973	-.000139	-.000864	-.099140	.001621	-.001244

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.056633	-.000714	-.003489	.0009875	.0003889	.0024894	-.000524
Stddev	.131994	.000409	.000576	.0004055	.0009178	.0012077	.001754
%RSD	233.0705	57.23091	16.50434	41.06445	236.0044	48.51375	334.9953

#1	-.192186	-.000496	-.003821	.0010887	.0009070	.0012470	.001500
#2	-.049200	-.001185	-.002824	.0013329	.0009305	.0036591	-.001608
#3	.071488	-.000461	-.003821	.0005410	-.000671	.0025622	-.001463

Sample Name: CCB008 Acquired: 01/06/2022 1:25:21 Type: Unk
Method: MSFAM01.1 INSTRUMENT P5 EPA(v21) Mode: CONC Corr. Factor: 1.000000
User: BIN Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002222	.0004282	.0001394
Stddev	.0013344	.0007248	.0000299
%RSD	600.6078	169.2621	21.43908

#1	.0015614	.0010055	.0001291
#2	.0002123	.0006642	.0001160
#3	-.001107	-.000385	.0001730

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1253.076	37497.77	6175.850	1044.539	1965.520
Stddev	1.932	312.95	31.553	13.914	2.898
%RSD	.1542049	.8345935	.5109066	1.332088	.1474658

#1	1255.099	37810.82	6211.475	1045.994	1968.057
#2	1252.880	37184.91	6164.650	1029.955	1962.361
#3	1251.249	37497.58	6151.425	1057.669	1966.143