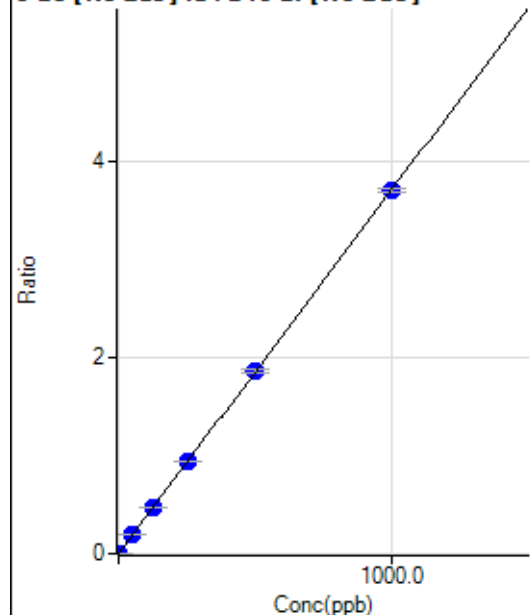


Batch Folder: D:\ICP-MS Data\P7021517.b\
Analysis File: P7021517.batch.bin
DA Date-Time: 2017-02-16 14:42:24
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-02-15 15:51:04
2			
3	004CALS.d	S02	2017-02-15 15:58:55
4	005CALS.d	S03	2017-02-15 16:02:50
5	006CALS.d	S04	2017-02-15 16:06:44
6	007CALS.d	S05	2017-02-15 16:10:36
7	008CALS.d	S06	2017-02-15 16:14:23
8	009CALS.d	S07	2017-02-15 16:18:08
9	010CALS.d	S08	2017-02-15 16:21:47

9 Be [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0007	P	28.5
2	☐	0.100					
3	☐	1.000	0.923	625.95	0.0041	P	4.0
4	☐	50.000	51.000	28853.91	0.1898	P	1.3
5	☐	125.000	128.526	71791.66	0.4772	P	1.3
6	☐	250.000	252.671	143777.92	0.9374	P	0.7
7	☐	500.000	502.214	287718.38	1.8626	P	1.1
8	☐	1000.000	997.735	566194.07	3.6996	P	0.9
9	☐			144.45	0.0010	P	33.7

$$y = 0.0037 * x + 6.8793E-004$$

$$R = 1.0000$$

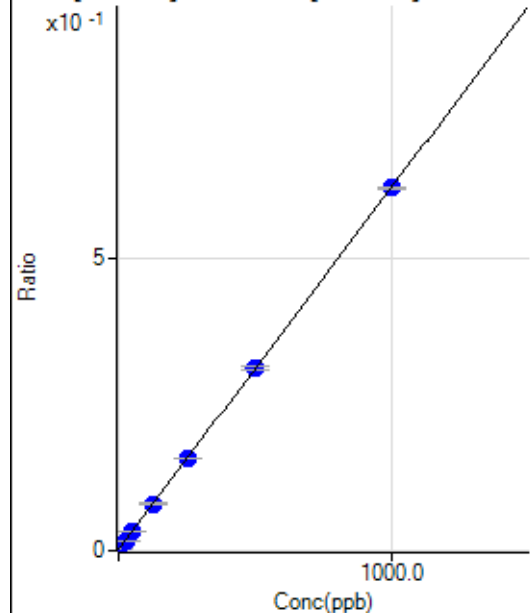
$$DL = 0.1585$$

$$BEC = 0.1856$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	297.24	0.0019	P	21.6
2	☐	2.500					
3	☐	25.000	23.745	2541.98	0.0167	P	16.6
4	☐	50.000	50.813	5089.96	0.0335	P	6.4
5	☐	125.000	126.936	12152.52	0.0808	P	3.0
6	☐	250.000	252.653	24362.23	0.1588	P	1.2
7	☐	500.000	500.756	48333.69	0.3129	P	2.5
8	☐	1000.000	998.707	95215.76	0.6221	P	0.6
9	☐			2019.65	0.0138	P	1.6

$$y = 6.2102E-004 * x + 0.0019$$

$$R = 1.0000$$

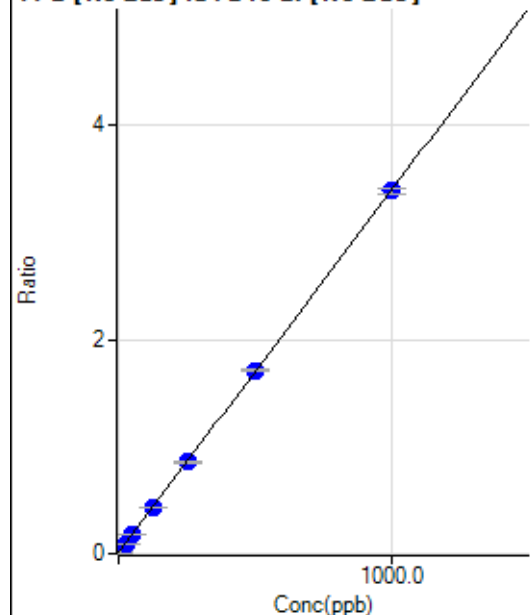
$$DL = 2.017$$

$$BEC = 3.112$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1416.78	0.0092	P	6.6
2	☐	2.500					
3	☐	25.000	24.641	14101.52	0.0926	P	2.3
4	☐	50.000	49.097	26660.41	0.1753	P	1.3
5	☐	125.000	126.530	65802.18	0.4373	P	1.1
6	☐	250.000	250.370	131343.71	0.8563	P	1.0
7	☐	500.000	502.976	264306.91	1.7110	P	1.0
8	☐	1000.000	998.282	518323.19	3.3869	P	1.8
9	☐			10217.77	0.0699	P	10.0

$$y = 0.0034 * x + 0.0092$$

$$R = 1.0000$$

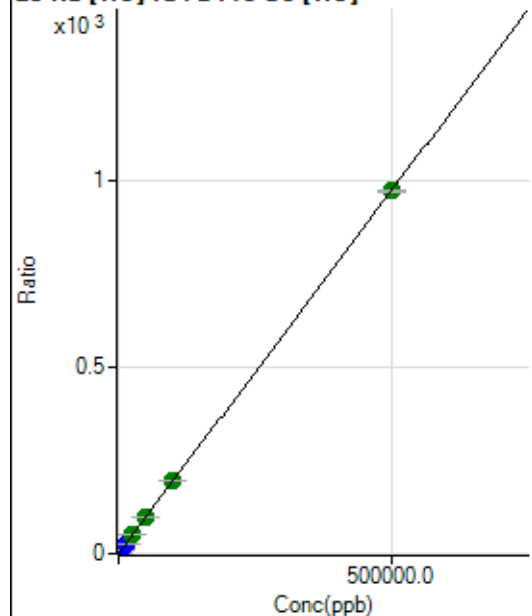
$$DL = 0.5392$$

$$BEC = 2.725$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8302.62	0.0654	P	3.4
2	☐	50.000					
3	☐	500.000	511.923	136521.72	1.0600	P	1.5
4	☐	5000.000	5299.648	1337938.91	10.3618	P	0.7
5	☐	12500.000	13067.136	3313152.98	25.4529	P	0.5
6	☐	25000.000	25791.526	6506694.42	50.1744	A	0.9
7	☐	50000.000	50783.051	13024629.20	98.7292	A	0.8
8	☐	100000.00	101162.73	25723692.76	196.6093	A	0.5
9	☐	500000.00	499632.38	124400687.5	970.7754	A	0.3

$$y = 0.0019 * x + 0.0654$$

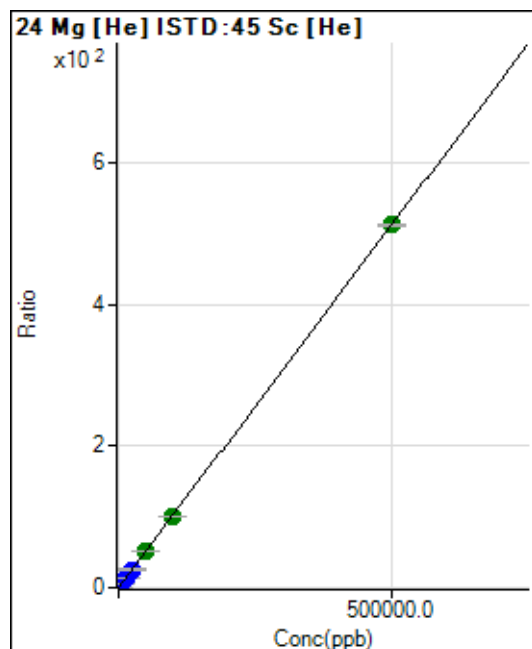
$$R = 1.0000$$

$$DL = 3.456$$

$$BEC = 33.67$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	313.91	0.0025	P	11.2
2	☐	50.000					
3	☐	500.000	500.712	66311.22	0.5148	P	1.8
4	☐	5000.000	5122.338	677089.15	5.2437	P	0.3
5	☐	12500.000	12649.191	1685049.91	12.9452	P	0.8
6	☐	25000.000	25116.850	3333102.66	25.7022	P	0.8
7	☐	50000.000	50082.000	6760550.07	51.2468	A	0.8
8	☐	100000.00	99215.684	13282696.30	101.5208	A	0.1
9	☐	500000.00	500137.86	65579770.22	511.7477	A	0.8

$$y = 0.0010 * x + 0.0025$$

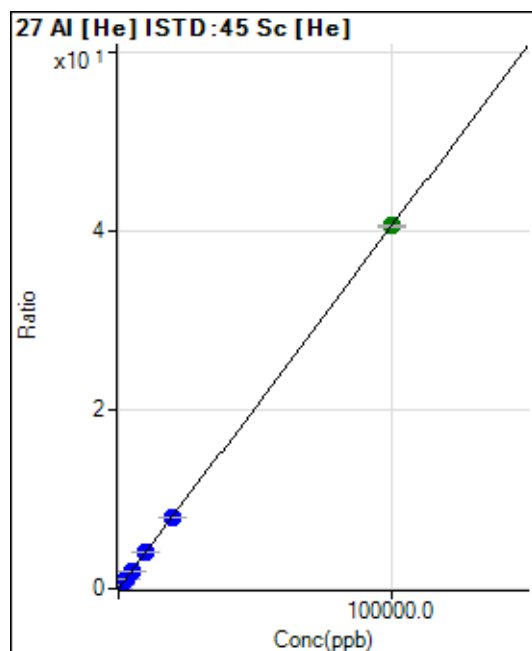
$$R = 1.0000$$

$$DL = 0.8151$$

$$BEC = 2.418$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0004	P	10.5
2	☐	2.000					
3	☐	20.000	18.278	1002.85	0.0078	P	6.3
4	☐	1000.000	994.162	52127.82	0.4037	P	2.3
5	☐	2500.000	2497.377	131935.49	1.0136	P	0.7
6	☐	5000.000	4981.653	262155.32	2.0215	P	0.6
7	☐	10000.000	9840.322	526751.63	3.9927	P	0.0
8	☐	20000.000	19674.575	1044420.26	7.9826	P	0.2
9	☐	100000.00	100082.09	5203441.22	40.6051	A	0.7

$$y = 4.0571E-004 * x + 3.7217E-004$$

$$R = 1.0000$$

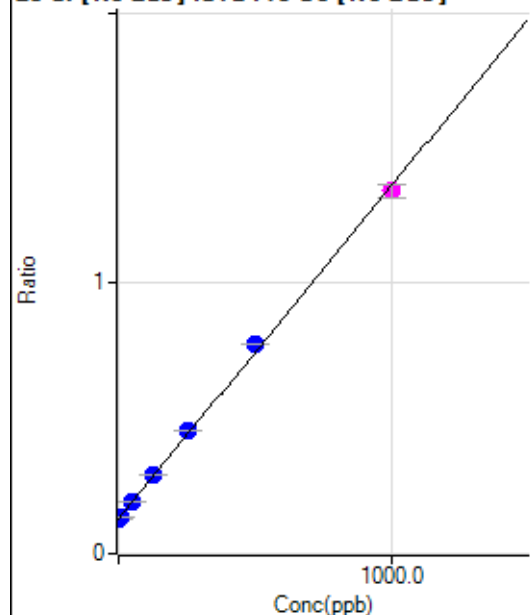
$$DL = 0.2887$$

$$BEC = 0.9173$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	355745.88	0.1294	P	0.8
2	☐	1.000					
3	☐	10.000	3.866	371161.98	0.1341	P	0.7
4	☐	50.000	52.209	536153.98	0.1937	P	0.8
5	☐	125.000	129.563	809333.35	0.2889	P	0.6
6	☐	250.000	262.363	1265896.69	0.4524	P	0.3
7	☐	500.000	524.051	2162347.44	0.7747	P	0.3
8	☐	1000.000	984.264	3702883.55	1.3414	M	3.7
9	☐			398740.31	0.1489	P	0.4

$$y = 0.0012 * x + 0.1294$$

$$R = 0.9994$$

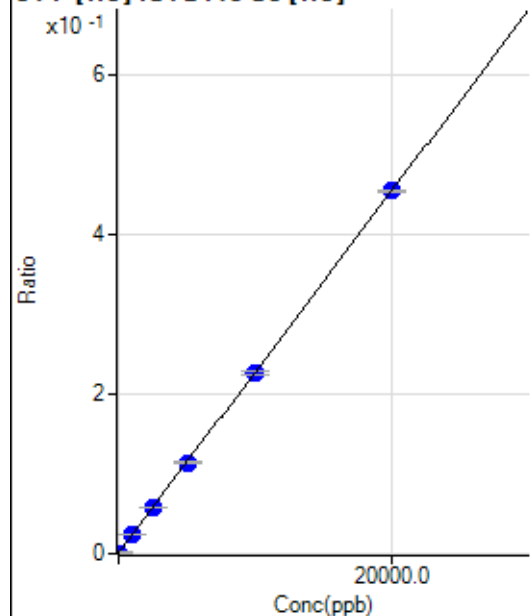
$$DL = 2.579$$

$$BEC = 105$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD : 45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-8.279	100.00	0.0008	P	51.2
2	☐	0.000					
3	☐	0.000	8.279	150.01	0.0012	P	16.3
4	☐	1000.000	1009.100	3078.23	0.0238	P	2.5
5	☐	2500.000	2495.352	7485.53	0.0575	P	1.6
6	☐	5000.000	4988.861	14782.85	0.1140	P	1.4
7	☐	10000.000	9974.929	29939.36	0.2269	P	2.2
8	☐	20000.000	20015.446	59452.79	0.4544	P	0.5
9	☐			108.34	0.0008	P	23.5

$$y = 2.2654E-005 * x + 9.7682E-004$$

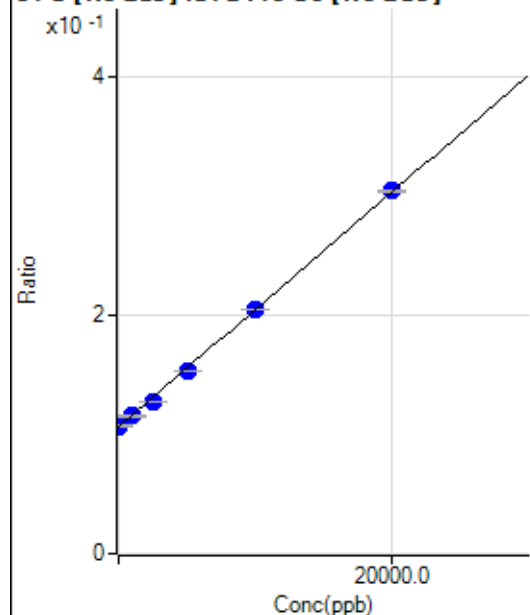
$$R = 1.0000$$

$$DL = 39.35$$

$$BEC = 43.12$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-18.670	292247.26	0.1063	P	0.7
2	☐	0.000					
3	☐	0.000	18.670	295092.33	0.1066	P	1.2
4	☐	1000.000	888.909	318872.53	0.1152	P	0.6
5	☐	2500.000	2111.635	356239.92	0.1272	P	0.2
6	☐	5000.000	4742.164	428015.19	0.1530	P	1.0
7	☐	10000.000	10004.916	571100.53	0.2046	P	0.6
8	☐	20000.000	20116.101	838672.87	0.3038	P	0.4
9	☐			300354.68	0.1121	P	0.5

$$y = 9.8115\text{E-}006 * x + 0.1065$$

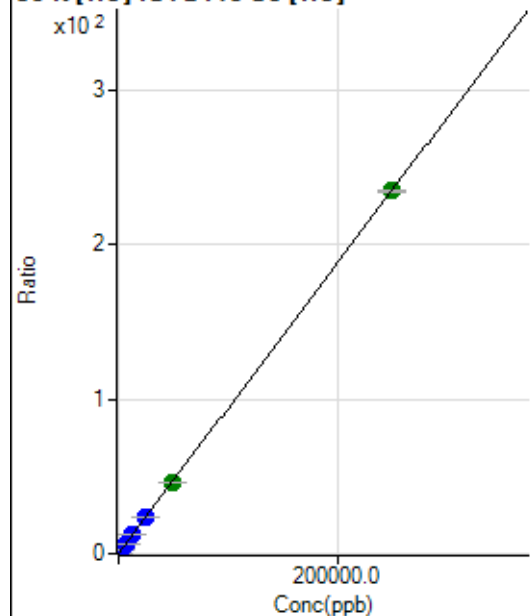
$$R = 0.9998$$

$$DL = 321.5$$

$$BEC = 1.085\text{E}+04$$

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18503.77	0.1458	P	2.6
2	☐	50.000					
3	☐	500.000	494.584	78538.08	0.6098	P	1.7
4	☐	2500.000	2572.006	330415.24	2.5589	P	0.9
5	☐	6250.000	6403.928	801058.39	6.1541	P	0.6
6	☐	12500.000	12778.697	1573691.01	12.1349	P	0.4
7	☐	25000.000	24914.924	3103166.02	23.5213	P	0.3
8	☐	50000.000	49411.613	6084474.44	46.5044	A	0.3
9	☐	250000.00	250107.69	30089182.62	234.8000	A	0.5

$$y = 9.3821\text{E-}004 * x + 0.1458$$

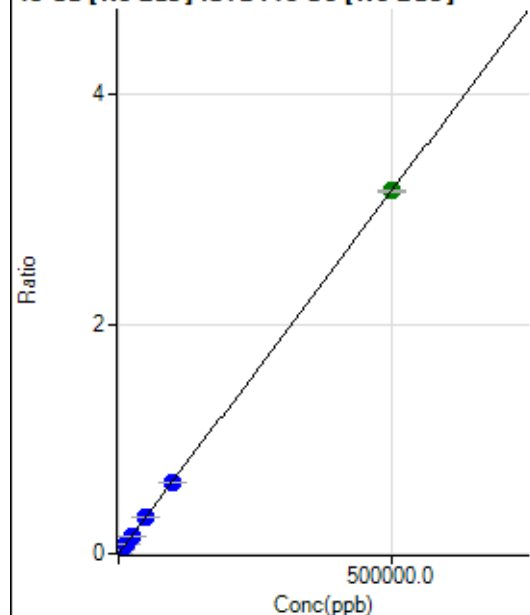
$$R = 1.0000$$

$$DL = 12.22$$

$$BEC = 155.4$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	283.35	0.0001	P	17.7
2	☐	50.000					
3	☐	500.000	464.708	8405.53	0.0030	P	1.2
4	☐	5000.000	4911.843	86150.33	0.0311	P	0.4
5	☐	12500.000	12329.868	218370.77	0.0780	P	1.4
6	☐	25000.000	24858.018	439410.73	0.1571	P	0.5
7	☐	50000.000	49722.238	876534.83	0.3140	P	0.2
8	☐	100000.00	98450.243	1716155.85	0.6217	P	0.2
9	☐	500000.00	500349.99	8461781.87	3.1592	A	0.8

$$y = 6.3138\text{E-}006 * x + 1.0301\text{E-}004$$

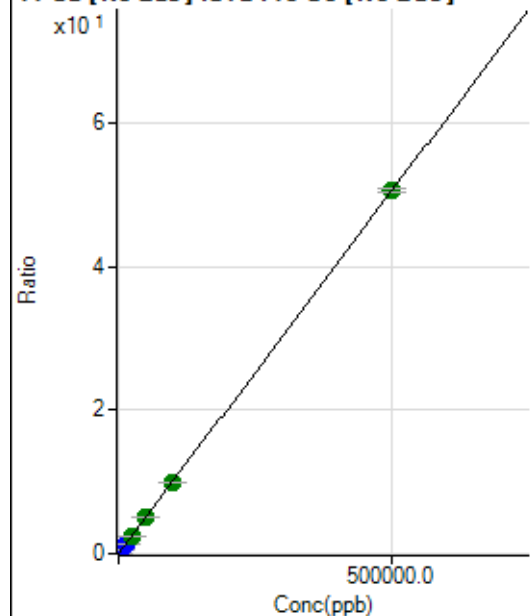
$$R = 1.0000$$

$$DL = 8.656$$

$$BEC = 16.31$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8966.98	0.0033	P	3.4
2	☐	50.000					
3	☐	500.000	476.893	142118.46	0.0514	P	1.2
4	☐	5000.000	4942.362	1389070.58	0.5017	P	0.4
5	☐	12500.000	12247.050	3469152.42	1.2384	P	0.5
6	☐	25000.000	24644.968	6963210.92	2.4887	A	0.3
7	☐	50000.000	49257.949	13875045.62	4.9710	A	0.5
8	☐	100000.00	97886.933	27259774.22	9.8753	A	0.5
9	☐	500000.00	500521.49	135210797.4	50.4816	A	1.0

$$y = 1.0085\text{E-}004 * x + 0.0033$$

$$R = 1.0000$$

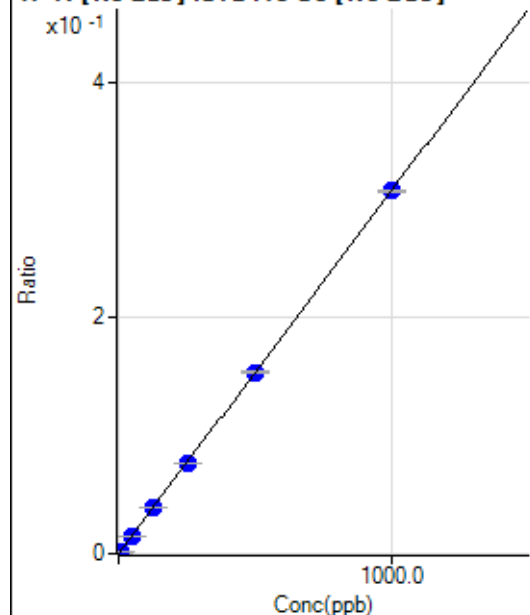
$$DL = 3.27$$

$$BEC = 32.33$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD :45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.00	0.0000	P	22.7
2	☐	0.500					
3	☐	5.000	4.492	3900.67	0.0014	P	3.9
4	☐	50.000	49.137	41938.35	0.0151	P	1.0
5	☐	125.000	124.849	107691.18	0.0384	P	0.5
6	☐	250.000	249.975	215279.31	0.0769	P	0.4
7	☐	500.000	500.416	429856.78	0.1540	P	0.5
8	☐	1000.000	999.863	849327.72	0.3077	P	0.8
9	☐			813.95	0.0003	P	12.4

$$y = 3.0770\text{E-}004 * x + 2.7292\text{E-}005$$

$$R = 1.0000$$

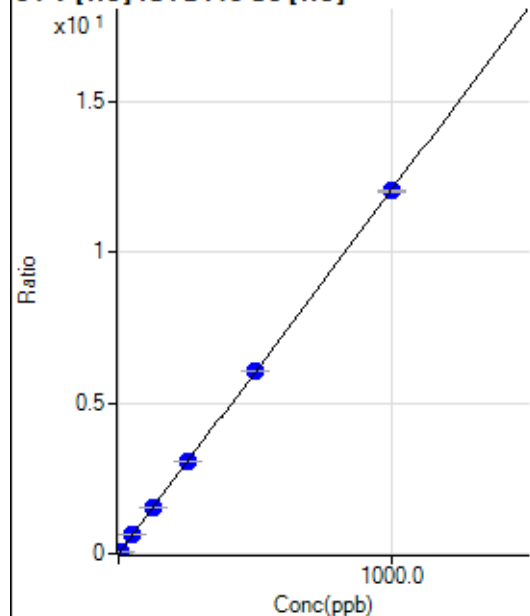
$$DL = 0.06053$$

$$BEC = 0.0887$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD :45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.89	0.0005	P	9.0
2	☐	0.500					
3	☐	5.000	4.901	7672.09	0.0596	P	2.8
4	☐	50.000	51.083	79608.80	0.6165	P	1.0
5	☐	125.000	127.083	199560.52	1.5331	P	0.7
6	☐	250.000	253.687	396825.50	3.0600	P	0.6
7	☐	500.000	501.683	798281.48	6.0509	P	0.0
8	☐	1000.000	997.923	1574717.48	12.0357	P	0.4
9	☐			427.79	0.0033	P	8.3

$$y = 0.0121 * x + 4.6408\text{E-}004$$

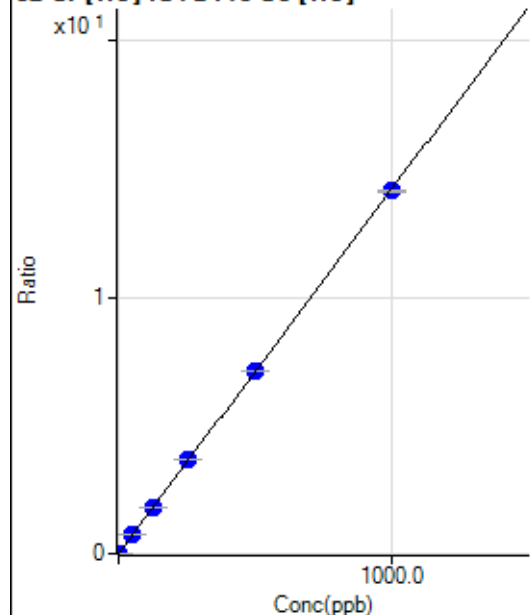
$$R = 1.0000$$

$$DL = 0.01037$$

$$BEC = 0.03848$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	672.25	0.0053	P	4.2
2	☐	0.200					
3	☐	2.000	2.095	4509.64	0.0350	P	1.1
4	☐	50.000	51.815	95584.84	0.7402	P	0.9
5	☐	125.000	128.179	237348.13	1.8234	P	0.2
6	☐	250.000	257.614	474546.85	3.6593	P	0.9
7	☐	500.000	503.083	942111.23	7.1411	P	0.1
8	☐	1000.000	996.066	1849191.43	14.1336	P	0.4
9	☐			40700.70	0.3176	P	0.1

$$y = 0.0142 * x + 0.0053$$

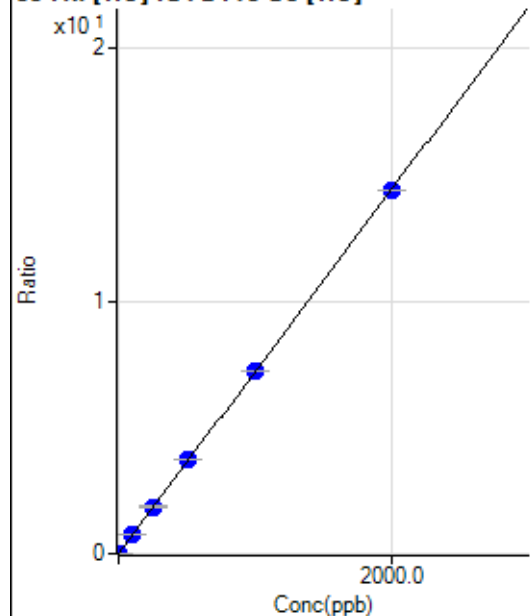
$$R = 1.0000$$

$$DL = 0.04699$$

$$BEC = 0.3735$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	368.90	0.0029	P	9.1
2	☐	0.100					
3	☐	1.000	0.883	1193.40	0.0093	P	2.2
4	☐	100.000	103.650	96783.07	0.7495	P	0.7
5	☐	250.000	257.510	241835.14	1.8579	P	0.8
6	☐	500.000	513.784	480336.65	3.7039	P	0.2
7	☐	1000.000	1005.066	955553.01	7.2429	P	0.5
8	☐	2000.000	1992.900	1878652.61	14.3587	P	0.1
9	☐			7381.94	0.0576	P	1.7

$$y = 0.0072 * x + 0.0029$$

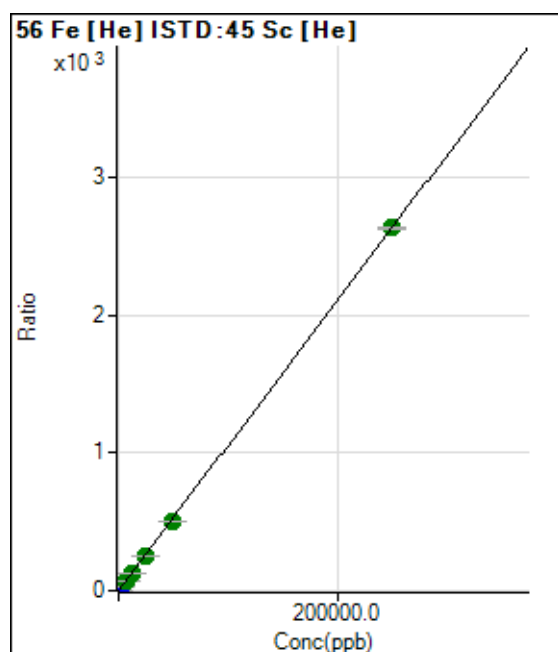
$$R = 1.0000$$

$$DL = 0.1102$$

$$BEC = 0.4036$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3172.65	0.0250	P	2.8
2	☐	5.000					
3	☐	50.000	51.291	72805.98	0.5653	P	1.4
4	☐	2500.000	2606.021	3547836.57	27.4761	P	0.5
5	☐	6250.000	6258.454	8584540.35	65.9498	A	0.4
6	☐	12500.000	12443.666	17001864.85	131.1032	A	0.1
7	☐	25000.000	24336.435	33822920.43	256.3784	A	0.3
8	☐	50000.000	48240.973	66488435.28	508.1823	A	0.7
9	☐	250000.00	250419.70	338035596.4	2,637.878	A	0.4

$$y = 0.0105 * x + 0.0250$$

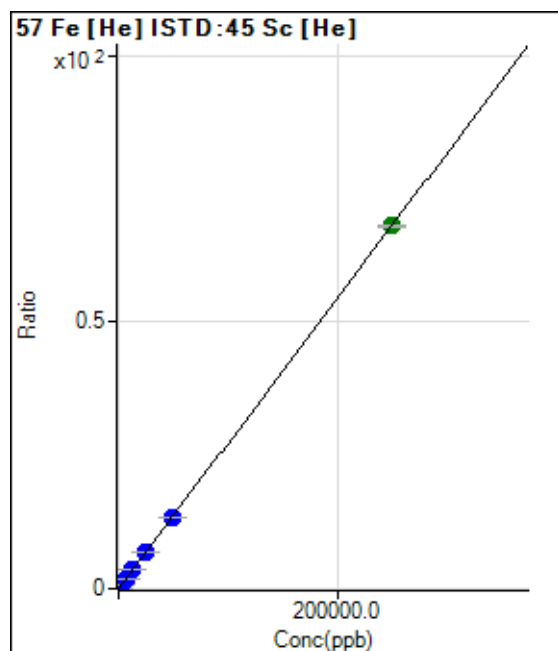
$$R = 1.0000$$

$$DL = 0.1961$$

$$BEC = 2.373$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0005	P	36.0
2	☐	5.000					
3	☐	50.000	46.897	1709.41	0.0133	P	5.8
4	☐	2500.000	2554.747	89735.86	0.6950	P	1.1
5	☐	6250.000	6341.619	224454.90	1.7244	P	0.4
6	☐	12500.000	12670.584	446725.22	3.4448	P	0.1
7	☐	25000.000	24675.470	884973.20	6.7080	P	0.0
8	☐	50000.000	48854.544	1737592.58	13.2806	P	0.2
9	☐	250000.00	250250.17	8717203.03	68.0257	A	0.3

$$y = 2.7183E-004 * x + 5.2468E-004$$

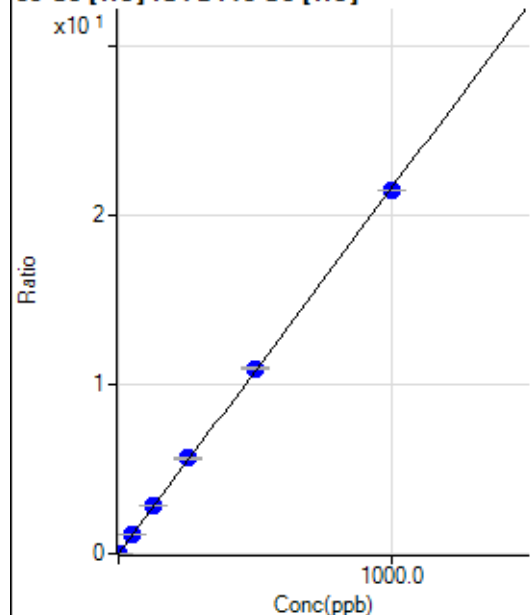
$$R = 1.0000$$

$$DL = 2.083$$

$$BEC = 1.93$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	230.01	0.0018	P	10.2
2	☐	0.100					
3	☐	1.000	0.994	2994.80	0.0233	P	4.2
4	☐	50.000	53.001	147905.18	1.1455	P	0.5
5	☐	125.000	130.981	368123.97	2.8281	P	0.4
6	☐	250.000	260.789	729985.64	5.6290	P	0.6
7	☐	500.000	507.284	1444301.65	10.9478	P	0.4
8	☐	1000.000	992.763	2802974.16	21.4234	P	0.2
9	☐			3477.13	0.0271	P	1.6

$$y = 0.0216 * x + 0.0018$$

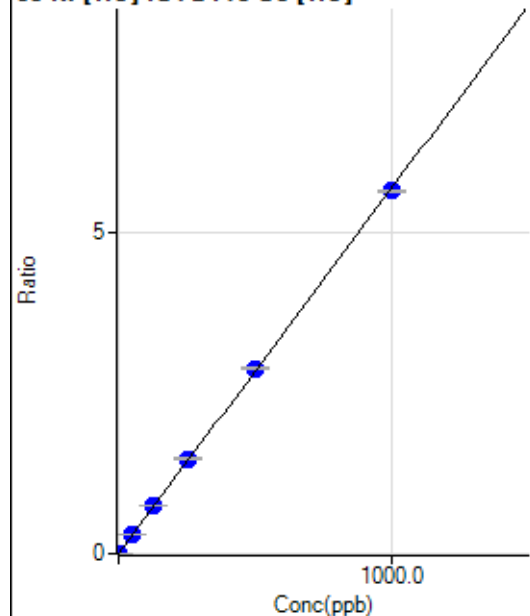
$$R = 0.9999$$

$$DL = 0.02561$$

$$BEC = 0.08397$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.33	0.0007	P	20.0
2	☐	0.100					
3	☐	1.000	0.981	803.37	0.0062	P	3.0
4	☐	50.000	53.309	39261.60	0.3041	P	0.6
5	☐	125.000	130.335	96642.13	0.7425	P	0.9
6	☐	250.000	259.146	191355.87	1.4756	P	1.3
7	☐	500.000	507.533	381183.59	2.8893	P	0.3
8	☐	1000.000	993.114	739619.36	5.6530	P	0.2
9	☐			8816.11	0.0688	P	1.1

$$y = 0.0057 * x + 6.5669E-004$$

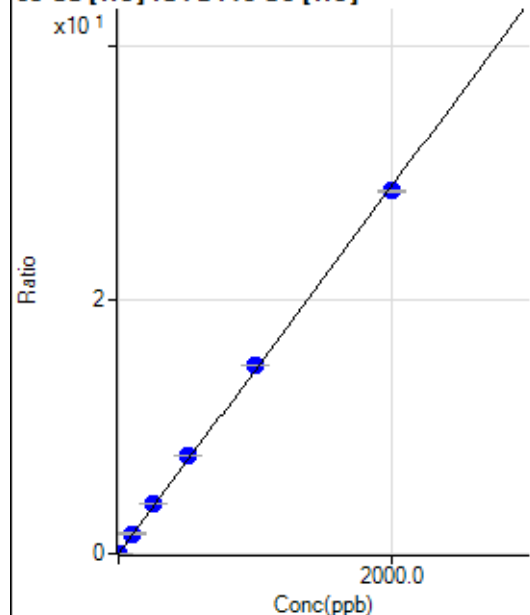
$$R = 0.9999$$

$$DL = 0.06933$$

$$BEC = 0.1154$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	281.12	0.0022	P	18.8
2	☐	0.200					
3	☐	2.000	2.181	4344.06	0.0337	P	5.4
4	☐	100.000	109.772	205091.94	1.5883	P	0.5
5	☐	250.000	270.139	508370.09	3.9055	P	0.5
6	☐	500.000	533.804	1000533.49	7.7153	P	0.6
7	☐	1000.000	1024.529	1953348.95	14.8059	P	0.4
8	☐	2000.000	1976.278	3736445.60	28.5580	P	0.3
9	☐			5297.70	0.0413	P	1.7

$$y = 0.0144 * x + 0.0022$$

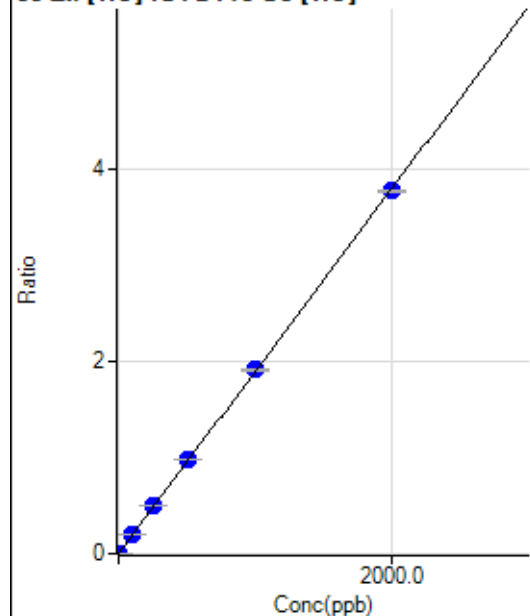
$$R = 0.9997$$

$$DL = 0.08631$$

$$BEC = 0.1534$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0008	P	18.7
2	☐	0.200					
3	☐	2.000	2.302	670.03	0.0052	P	5.5
4	☐	100.000	105.017	25845.24	0.2002	P	0.9
5	☐	250.000	260.337	64430.24	0.4950	P	1.1
6	☐	500.000	515.399	126973.45	0.9791	P	0.6
7	☐	1000.000	1007.842	252485.78	1.9138	P	0.2
8	☐	2000.000	1990.686	494476.58	3.7793	P	0.6
9	☐			2585.83	0.0202	P	5.9

$$y = 0.0019 * x + 8.3201E-004$$

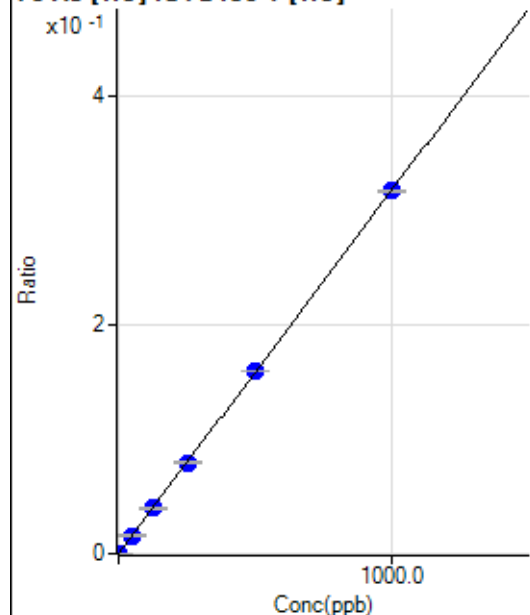
$$R = 1.0000$$

$$DL = 0.246$$

$$BEC = 0.4383$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	34.57	0.0001	P	8.1
2	☐	0.100					
3	☐	1.000	0.918	211.12	0.0003	P	4.2
4	☐	50.000	49.807	9692.80	0.0159	P	2.8
5	☐	125.000	124.775	24385.93	0.0396	P	0.9
6	☐	250.000	250.498	48832.18	0.0795	P	1.0
7	☐	500.000	501.237	97593.45	0.1590	P	0.2
8	☐	1000.000	999.295	194840.69	0.3170	P	0.8
9	☐			302.47	0.0005	P	5.3

$$y = 3.1712\text{E-}004 * x + 5.7395\text{E-}005$$

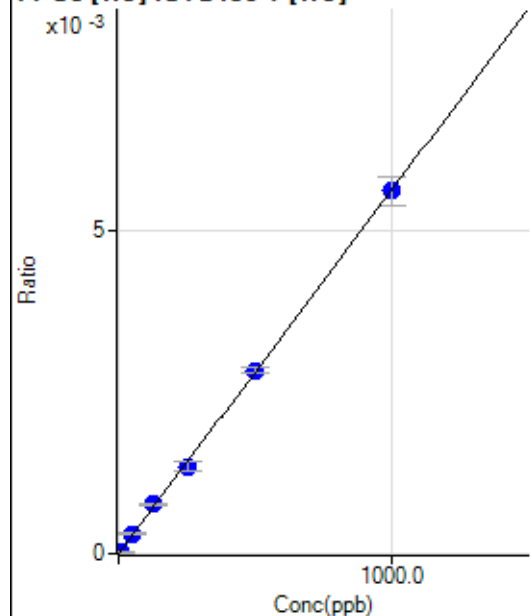
$$R = 1.0000$$

$$DL = 0.04404$$

$$BEC = 0.181$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.223	14.44	0.0000	P	103.9
4	☐	50.000	54.194	186.67	0.0003	P	11.8
5	☐	125.000	136.842	474.46	0.0008	P	4.3
6	☐	250.000	239.167	827.81	0.0013	P	10.7
7	☐	500.000	505.109	1746.80	0.0028	P	3.2
8	☐	1000.000	998.468	3457.14	0.0056	P	8.0
9	☐			6.67	0.0000	P	0.4

$$y = 5.6339\text{E-}006 * x + 0.0000\text{E+}000$$

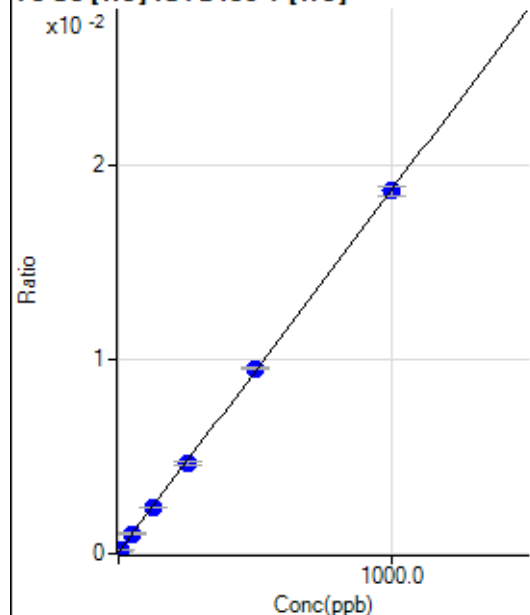
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	48.15	0.0001	P	17.7
2	☐	0.500					
3	☐	5.000	4.510	99.38	0.0002	P	9.7
4	☐	50.000	50.870	629.65	0.0010	P	3.7
5	☐	125.000	123.576	1469.22	0.0024	P	2.0
6	☐	250.000	245.823	2868.83	0.0047	P	2.8
7	☐	500.000	506.475	5853.70	0.0095	P	1.3
8	☐	1000.000	997.944	11505.25	0.0187	P	2.5
9	☐			59.88	0.0001	P	7.4

$$y = 1.8673\text{E-}005 * x + 7.9953\text{E-}005$$

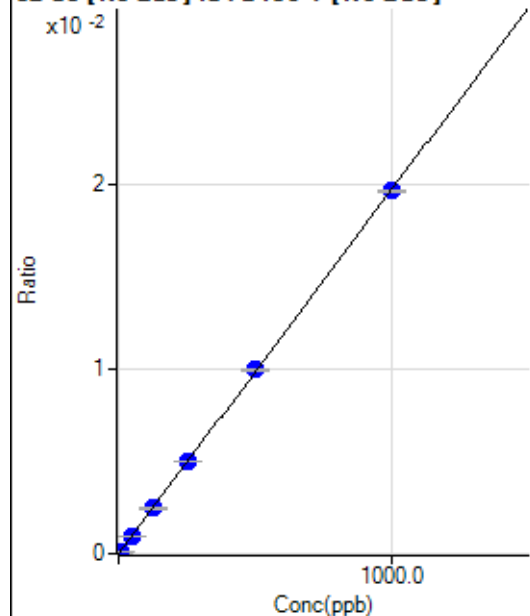
$$R = 1.0000$$

$$DL = 2.275$$

$$BEC = 4.282$$

Weight: <None>

Min Conc: 0

82 Se [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-4.95	0.0000	P	-1111.
2	☐	0.500					
3	☐	5.000	5.407	449.65	0.0001	P	1.8
4	☐	50.000	47.808	4001.09	0.0009	P	1.1
5	☐	125.000	124.760	10493.54	0.0025	P	1.5
6	☐	250.000	252.271	21225.39	0.0050	P	0.6
7	☐	500.000	504.830	42299.54	0.0099	P	1.0
8	☐	1000.000	997.155	82901.05	0.0196	P	0.4
9	☐			189.63	0.0000	P	23.7

$$y = 1.9688\text{E-}005 * x - 1.2115\text{E-}006$$

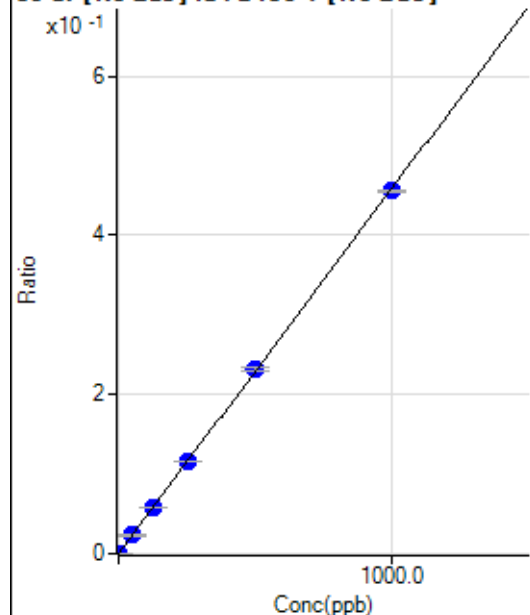
$$R = 1.0000$$

$$DL = 2.051$$

$$BEC = -0.06154$$

Weight: <None>

Min Conc: 0

86 Sr [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	577.82	0.0001	P	23.3
2	☐	0.100					
3	☐	1.000	0.966	2466.99	0.0006	P	1.9
4	☐	50.000	49.945	97935.19	0.0230	P	0.7
5	☐	125.000	126.948	249071.11	0.0583	P	1.1
6	☐	250.000	255.123	500013.54	0.1170	P	0.3
7	☐	500.000	507.179	989189.63	0.2324	P	1.5
8	☐	1000.000	994.889	1924731.62	0.4558	P	0.3
9	☐			55689.30	0.0135	P	1.0

$$y = 4.5796\text{E-}004 * x + 1.3509\text{E-}004$$

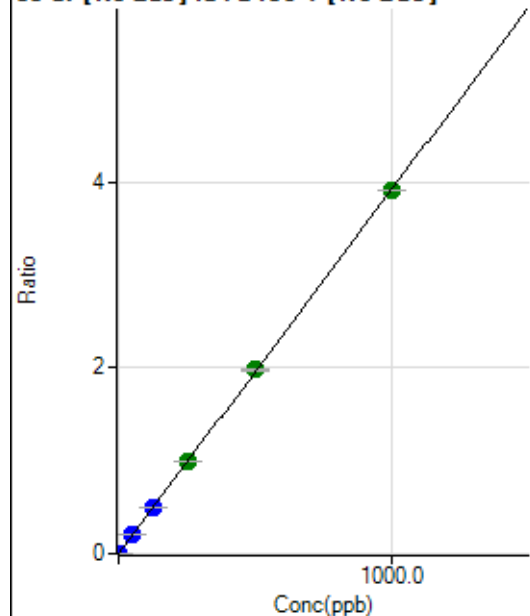
$$R = 0.9999$$

$$DL = 0.2062$$

$$BEC = 0.295$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	11.3
2	☐	0.100					
3	☐	1.000	0.942	15940.04	0.0037	P	1.2
4	☐	50.000	50.335	840144.85	0.1974	P	0.4
5	☐	125.000	125.792	2108108.62	0.4932	P	0.9
6	☐	250.000	252.762	4236118.15	0.9910	A	0.5
7	☐	500.000	504.724	8422967.46	1.9788	A	0.6
8	☐	1000.000	996.832	16504634.57	3.9081	A	0.1
9	☐			477535.27	0.1159	P	0.7

$$y = 0.0039 * x + 3.8292\text{E-}005$$

$$R = 1.0000$$

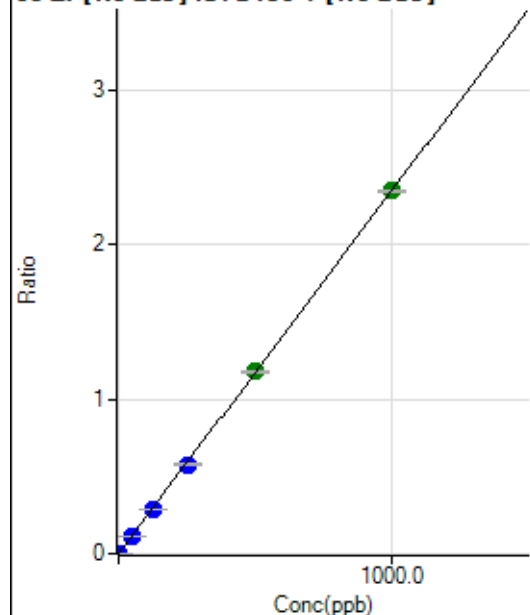
$$DL = 0.003303$$

$$BEC = 0.009767$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD : 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	275.01	0.0001	P	20.5
2	☐	0.100					
3	☐	1.000	0.717	7466.13	0.0017	P	2.0
4	☐	50.000	48.695	486869.42	0.1144	P	0.4
5	☐	125.000	123.411	1238610.37	0.2898	P	0.5
6	☐	250.000	245.609	2464922.56	0.5766	P	1.0
7	☐	500.000	501.919	5015525.20	1.1783	A	1.2
8	☐	1000.000	1000.402	9918156.04	2.3485	A	0.5
9	☐			2653.15	0.0006	P	9.8

$$y = 0.0023 * x + 6.4159E-005$$

$$R = 1.0000$$

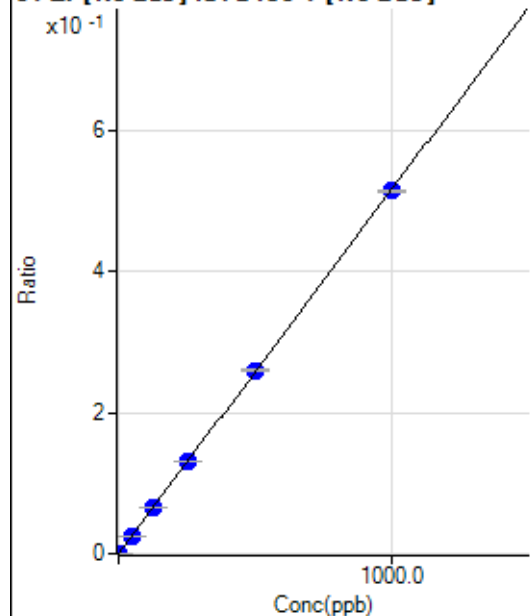
$$DL = 0.01684$$

$$BEC = 0.02733$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD : 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.01	0.0000	P	30.4
2	☐	0.100					
3	☐	1.000	0.748	1747.40	0.0004	P	9.8
4	☐	50.000	49.695	109179.98	0.0256	P	0.4
5	☐	125.000	126.421	278750.69	0.0652	P	0.9
6	☐	250.000	254.539	561185.09	0.1313	P	0.8
7	☐	500.000	503.592	1105433.49	0.2597	P	1.4
8	☐	1000.000	996.907	2171144.95	0.5141	P	0.5
9	☐			602.82	0.0001	P	7.7

$$y = 5.1567E-004 * x + 2.3372E-005$$

$$R = 1.0000$$

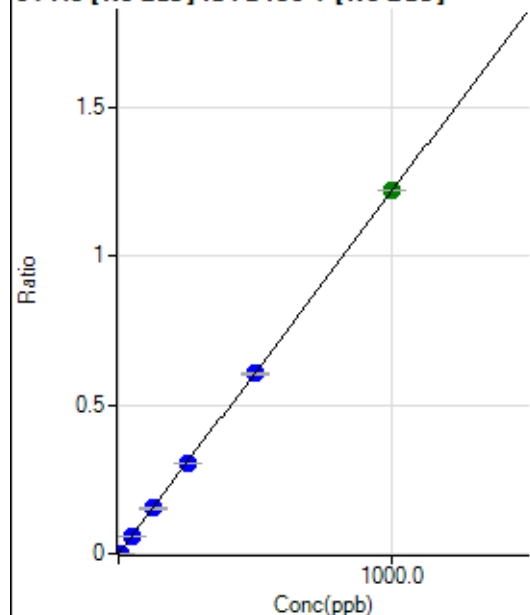
$$DL = 0.0414$$

$$BEC = 0.04532$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	350.02	0.0001	P	17.3
2	☐	0.500					
3	☐	5.000	1.966	10559.84	0.0025	P	3.4
4	☐	50.000	48.924	253443.77	0.0595	P	0.3
5	☐	125.000	125.288	651183.61	0.1524	P	1.5
6	☐	250.000	249.378	1295915.45	0.3032	P	0.6
7	☐	500.000	496.739	2570005.53	0.6038	P	1.2
8	☐	1000.000	1001.819	5142337.75	1.2176	A	0.1
9	☐			9876.02	0.0024	P	9.3

$$y = 0.0012 * x + 8.1805E-005$$

$$R = 1.0000$$

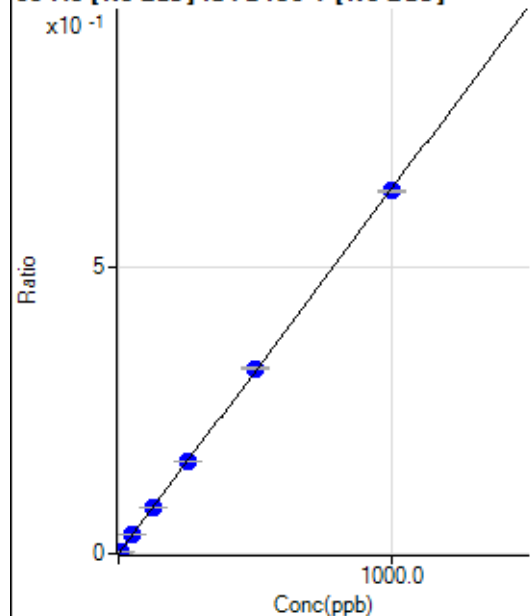
$$DL = 0.03486$$

$$BEC = 0.06731$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	433.36	0.0001	P	27.2
2	☐	0.500					
3	☐	5.000	4.677	13173.24	0.0031	P	0.8
4	☐	50.000	50.678	137951.73	0.0324	P	0.5
5	☐	125.000	127.462	347746.67	0.0814	P	1.1
6	☐	250.000	254.568	694159.66	0.1624	P	0.3
7	☐	500.000	507.377	1377213.64	0.3236	P	0.9
8	☐	1000.000	994.830	2678787.08	0.6343	P	0.2
9	☐			14899.98	0.0036	P	8.0

$$y = 6.3750E-004 * x + 1.0125E-004$$

$$R = 0.9999$$

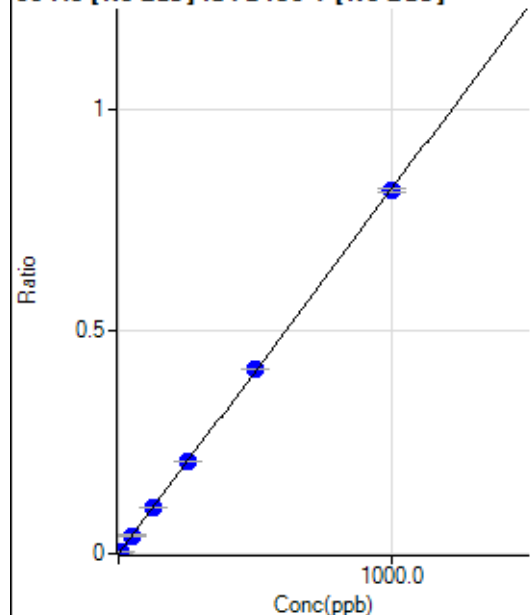
$$DL = 0.1296$$

$$BEC = 0.1588$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	419.47	0.0001	P	21.5
2	☐	0.500					
3	☐	5.000	4.049	14585.83	0.0034	P	1.3
4	☐	50.000	49.918	174399.94	0.0410	P	1.4
5	☐	125.000	127.943	448201.86	0.1049	P	1.1
6	☐	250.000	254.669	891805.28	0.2086	P	0.5
7	☐	500.000	506.551	1765943.92	0.4149	P	0.7
8	☐	1000.000	995.198	3441771.56	0.8150	P	0.9
9	☐			19177.49	0.0047	P	6.5

$$y = 8.1882\text{E-}004 * x + 9.8030\text{E-}005$$

$$R = 0.9999$$

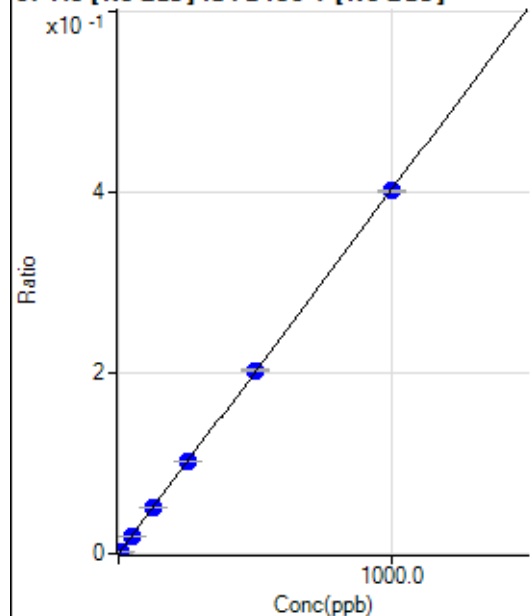
$$DL = 0.07707$$

$$BEC = 0.1197$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	269.46	0.0001	P	5.4
2	☐	0.500					
3	☐	5.000	4.542	8085.99	0.0019	P	6.0
4	☐	50.000	49.478	85089.81	0.0200	P	1.5
5	☐	125.000	126.002	217193.18	0.0508	P	1.0
6	☐	250.000	252.612	435190.75	0.1018	P	0.3
7	☐	500.000	503.974	864288.98	0.2030	P	0.6
8	☐	1000.000	997.263	1696548.78	0.4017	P	0.4
9	☐			9617.48	0.0023	P	8.5

$$y = 4.0277\text{E-}004 * x + 6.2939\text{E-}005$$

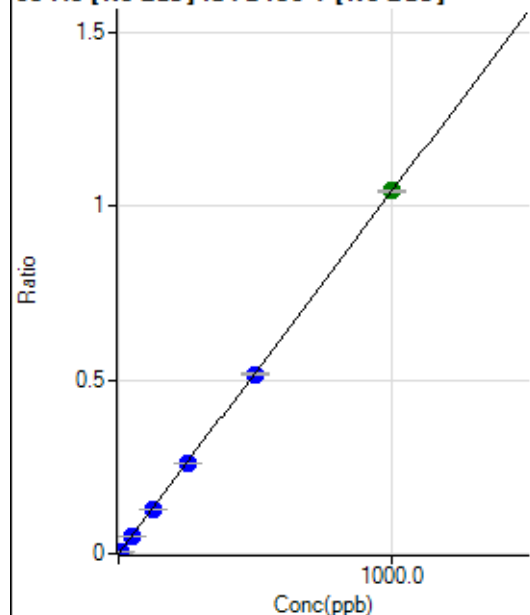
$$R = 1.0000$$

$$DL = 0.02516$$

$$BEC = 0.1563$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	602.81	0.0001	P	15.3
2	☐	0.500					
3	☐	5.000	4.611	21091.40	0.0049	P	0.4
4	☐	50.000	49.059	217802.36	0.0512	P	0.8
5	☐	125.000	124.223	552866.05	0.1293	P	0.7
6	☐	250.000	248.268	1104420.19	0.2584	P	0.4
7	☐	500.000	495.292	2193371.92	0.5153	P	0.8
8	☐	1000.000	1002.933	4406042.24	1.0433	A	0.2
9	☐			24104.74	0.0059	P	10.5

$$y = 0.0010 * x + 1.4072E-004$$

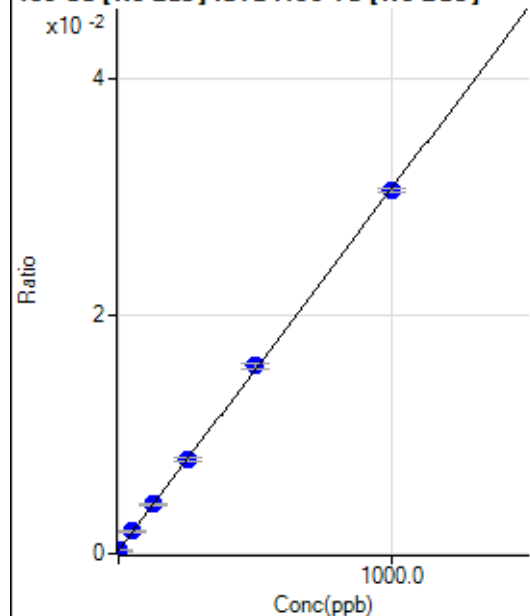
$$R = 1.0000$$

$$DL = 0.06209$$

$$BEC = 0.1353$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD:159 Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1158.43	0.0003	P	14.6
2	☐	0.100					
3	☐	1.000	1.628	1383.47	0.0003	P	9.4
4	☐	50.000	53.013	8502.96	0.0019	P	2.3
5	☐	125.000	127.327	18838.20	0.0041	P	2.8
6	☐	250.000	251.591	36083.00	0.0079	P	3.2
7	☐	500.000	510.225	71374.61	0.0158	P	2.4
8	☐	1000.000	994.048	135138.38	0.0305	P	1.0
9	☐			1086.20	0.0003	P	17.9

$$y = 3.0439E-005 * x + 2.5515E-004$$

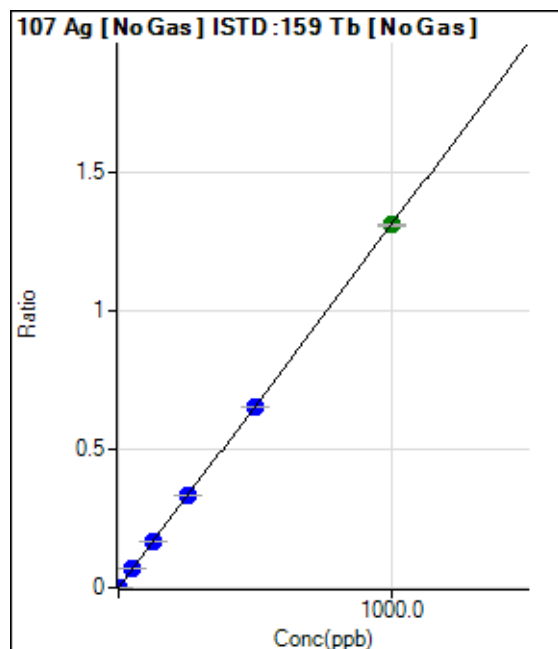
$$R = 0.9999$$

$$DL = 3.68$$

$$BEC = 8.382$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	24.9
2	☐	0.100					
3	☐	1.000	1.345	8049.85	0.0018	P	0.5
4	☐	50.000	51.357	306554.22	0.0674	P	0.6
5	☐	125.000	128.574	769169.06	0.1687	P	0.8
6	☐	250.000	255.609	1529173.30	0.3353	P	0.9
7	☐	500.000	497.970	2954139.22	0.6533	P	0.3
8	☐	1000.000	999.098	5804844.58	1.3107	A	0.2
9	☐			733.39	0.0002	P	5.9

$$y = 0.0013 * x + 8.5670E-006$$

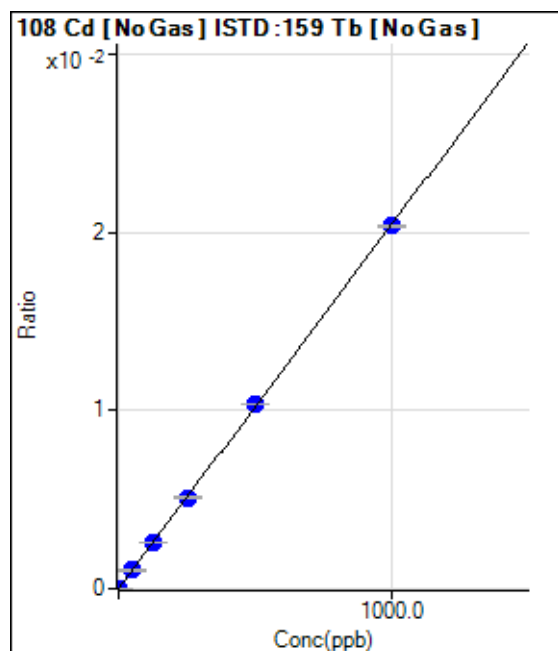
$$R = 1.0000$$

$$DL = 0.004873$$

$$BEC = 0.00653$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.884	87.50	0.0000	P	9.6
4	☐	50.000	50.386	4685.59	0.0010	P	2.4
5	☐	125.000	127.451	11870.44	0.0026	P	2.6
6	☐	250.000	250.327	23312.47	0.0051	P	0.6
7	☐	500.000	506.034	46725.58	0.0103	P	0.5
8	☐	1000.000	996.576	90120.08	0.0203	P	0.8
9	☐			16.67	0.0000	P	50.0

$$y = 2.0417E-005 * x + 1.2224E-006$$

$$R = 1.0000$$

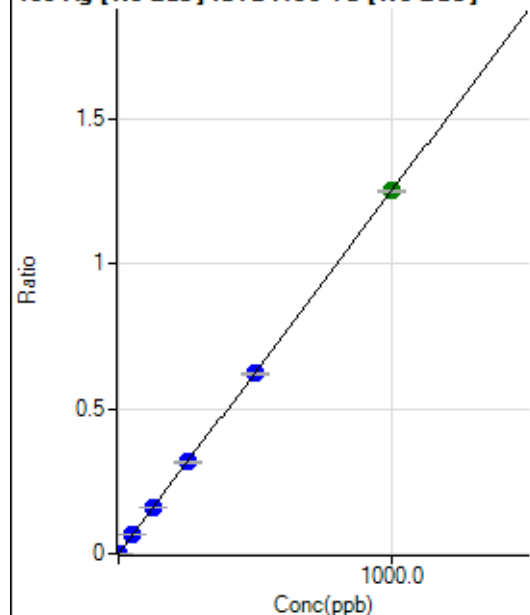
$$DL = 0.1556$$

$$BEC = 0.05987$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	114.5
2	☐	0.100					
3	☐	1.000	1.377	7838.61	0.0017	P	4.5
4	☐	50.000	50.972	290393.07	0.0638	P	0.3
5	☐	125.000	128.307	732634.65	0.1607	P	0.5
6	☐	250.000	252.523	1441946.33	0.3162	P	0.7
7	☐	500.000	496.416	2810854.21	0.6216	P	0.5
8	☐	1000.000	1000.699	5549544.48	1.2530	A	0.6
9	☐			716.71	0.0002	P	20.2

$$y = 0.0013 * x + 2.4451E-006$$

$$R = 1.0000$$

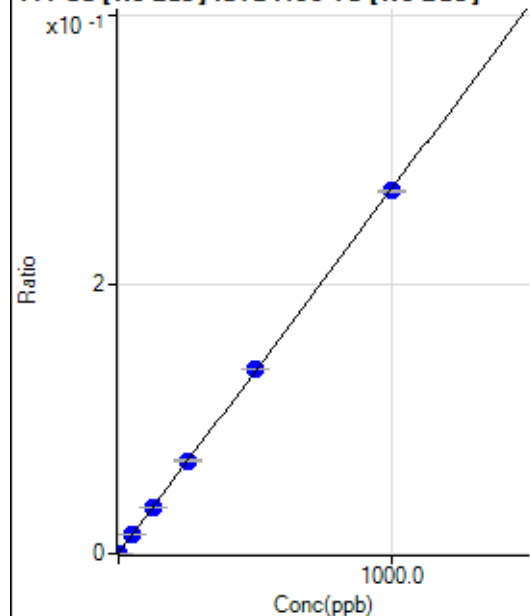
$$DL = 0.006706$$

$$BEC = 0.001953$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	851.46	0.0002	P	15.0
2	☐	0.100					
3	☐	1.000	1.061	2155.86	0.0005	P	3.9
4	☐	50.000	50.787	63427.03	0.0139	P	1.1
5	☐	125.000	127.792	158668.70	0.0348	P	0.4
6	☐	250.000	254.144	314709.13	0.0690	P	1.1
7	☐	500.000	506.915	621630.20	0.1375	P	0.4
8	☐	1000.000	995.118	1194373.47	0.2697	P	0.3
9	☐			940.35	0.0002	P	16.2

$$y = 2.7081E-004 * x + 1.8754E-004$$

$$R = 1.0000$$

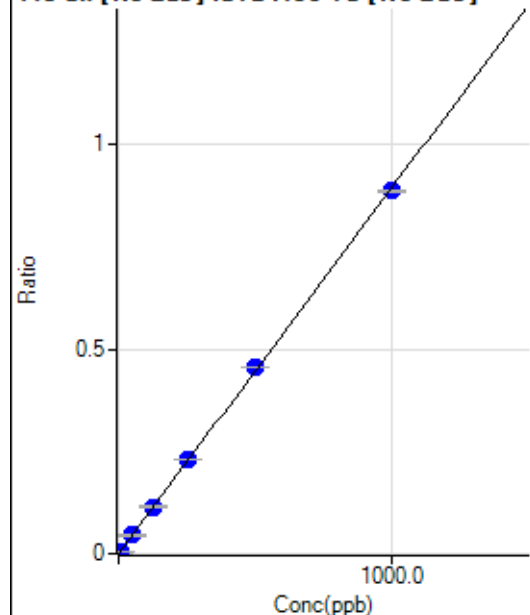
$$DL = 0.3109$$

$$BEC = 0.6925$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	338.91	0.0001	P	14.0
2	☐	0.500					
3	☐	5.000	4.858	20028.70	0.0044	P	2.3
4	☐	50.000	50.167	204028.32	0.0448	P	1.1
5	☐	125.000	128.293	522419.93	0.1146	P	1.2
6	☐	250.000	257.581	1048643.51	0.2300	P	0.6
7	☐	500.000	509.778	2057613.35	0.4550	P	0.5
8	☐	1000.000	992.797	3924396.01	0.8861	P	0.2
9	☐			6032.11	0.0014	P	13.2

$$y = 8.9245E-004 * x + 7.4654E-005$$

$$R = 0.9999$$

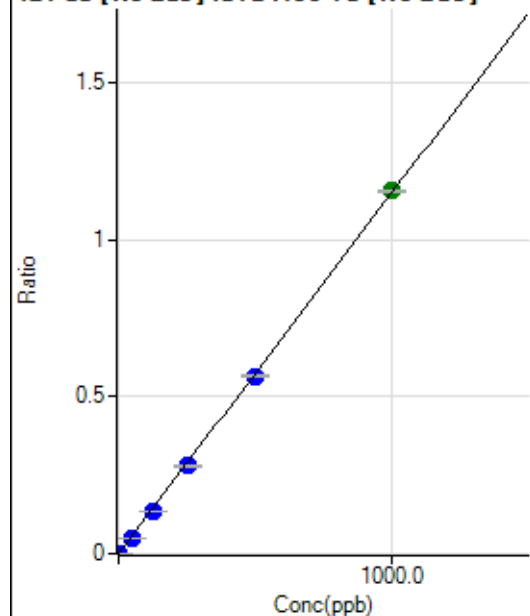
$$DL = 0.03523$$

$$BEC = 0.08365$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	886.18	0.0002	P	11.4
2	☐	0.200					
3	☐	2.000	1.844	10507.14	0.0023	P	4.2
4	☐	50.000	42.211	221478.79	0.0487	P	2.0
5	☐	125.000	117.435	616010.00	0.1351	P	0.7
6	☐	250.000	243.158	1274528.06	0.2795	P	1.6
7	☐	500.000	492.538	2559225.30	0.5660	P	0.7
8	☐	1000.000	1006.777	5122572.07	1.1566	A	0.5
9	☐			27027.08	0.0064	P	5.3

$$y = 0.0011 * x + 1.9522E-004$$

$$R = 0.9999$$

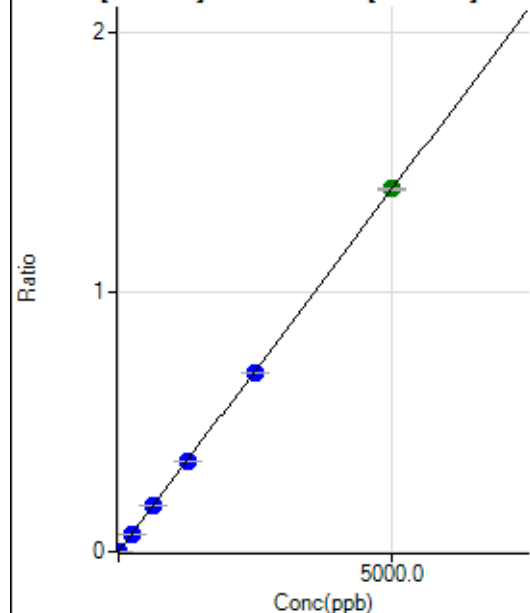
$$DL = 0.05833$$

$$BEC = 0.17$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD : 159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0000	P	9.9
2	☐	1.000					
3	☐	10.000	9.317	11925.05	0.0026	P	1.2
4	☐	250.000	248.740	315569.86	0.0694	P	0.3
5	☐	625.000	628.380	798802.91	0.1752	P	1.2
6	☐	1250.000	1247.230	1585452.88	0.3477	P	0.8
7	☐	2500.000	2471.621	3115490.72	0.6890	P	0.4
8	☐	5000.000	5014.524	6190444.80	1.3978	A	0.5
9	☐			2033.58	0.0005	P	3.6

$$y = 2.7873\text{E-}004 * x + 2.8761\text{E-}005$$

$$R = 1.0000$$

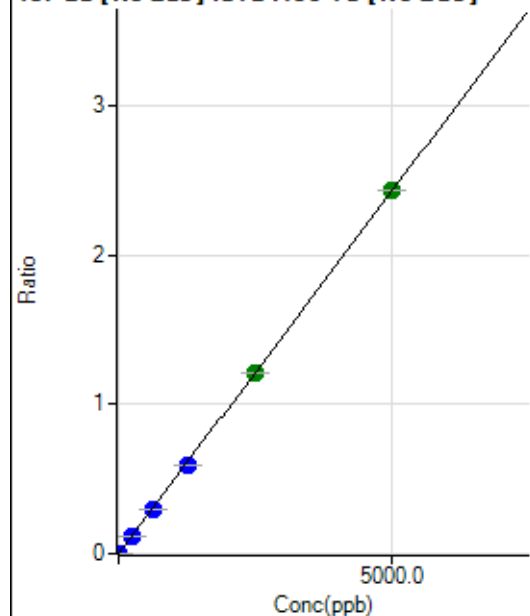
$$DL = 0.03062$$

$$BEC = 0.1032$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD : 159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	191.67	0.0000	P	11.5
2	☐	1.000					
3	☐	10.000	9.419	20963.67	0.0046	P	1.9
4	☐	250.000	245.784	543247.34	0.1194	P	0.7
5	☐	625.000	620.659	1374663.40	0.3015	P	0.7
6	☐	1250.000	1227.693	2719049.39	0.5963	P	1.0
7	☐	2500.000	2492.739	5474643.40	1.2106	A	0.3
8	☐	5000.000	5009.962	10775876.89	2.4331	A	0.2
9	☐			3625.63	0.0009	P	2.8

$$y = 4.8564\text{E-}004 * x + 4.2219\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.03003$$

$$BEC = 0.08693$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	173.2
4	☐			11.11		P	91.7
5	☐			57.78		P	52.0
6	☐			91.12		P	22.4
7	☐			157.79		P	23.3
8	☐			377.79		P	11.8
9	☐			64.45		P	26.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	86.6
5	☐			3.33		P	100.1
6	☐			8.89		P	78.1
7	☐			14.44		P	13.4
8	☐			32.22		P	26.0
9	☐			28.89		P	26.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	13.3
2	☐						
3	☐			22.22		P	21.6
4	☐			25.00		P	115.5
5	☐			36.11		P	66.6
6	☐			44.45		P	28.7
7	☐			72.23		P	26.7
8	☐			105.56		P	19.9
9	☐			97.23		P	21.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐						
3	☐			2.22		P	86.6
4	☐			6.67		P	100.0
5	☐			6.67		P	0.0
6	☐			4.45		P	86.6
7	☐			10.00		P	57.7
8	☐			15.55		P	86.6
9	☐			30.00		P	40.1

160 Gd [No Gas] Noavailable calibration poin...

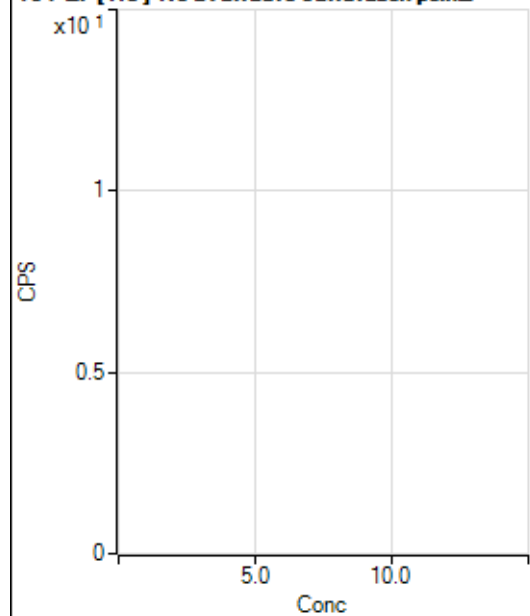
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	62.5
2	☐						
3	☐			13.89		P	91.6
4	☐			16.67		P	50.0
5	☐			36.11		P	35.3
6	☐			19.45		P	24.7
7	☐			58.33		P	24.7
8	☐			66.67		P	12.5
9	☐			55.56		P	43.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	66.7
2	☐						
3	☐			10.00		P	57.8
4	☐			14.44		P	13.4
5	☐			11.11		P	69.3
6	☐			13.33		P	50.0
7	☐			12.22		P	41.7
8	☐			13.34		P	43.3
9	☐			50.00		P	11.5

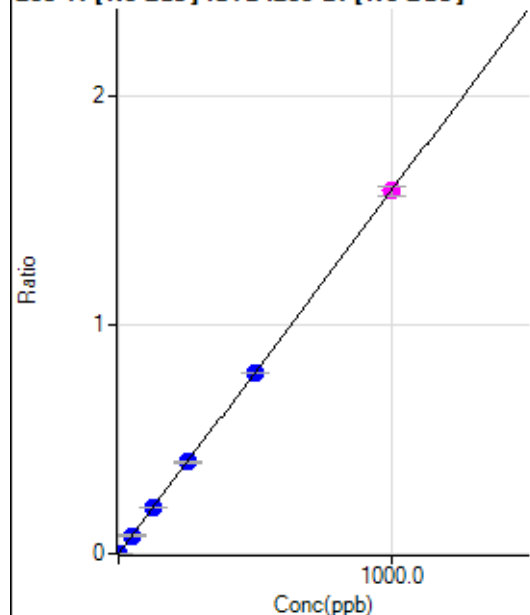
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	173.2
2	☐						
3	☐			30.56		P	31.5
4	☐			11.11		P	43.3
5	☐			27.78		P	75.5
6	☐			16.67		P	86.6
7	☐			33.33		P	100.0
8	☐			27.78		P	45.8
9	☐			44.45		P	28.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐						
3	☐			13.33		P	25.0
4	☐			12.22		P	56.8
5	☐			7.78		P	49.5
6	☐			10.00		P	66.7
7	☐			3.33		P	100.1
8	☐			17.78		P	54.1
9	☐			30.00		P	44.4

203 Tl [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	213.90	0.0001	P	9.3
2	☐	0.100					
3	☐	1.000	0.957	4248.10	0.0016	P	3.6
4	☐	50.000	50.019	211321.43	0.0793	P	1.2
5	☐	125.000	125.460	535765.88	0.1988	P	1.0
6	☐	250.000	251.822	1068727.21	0.3990	P	0.6
7	☐	500.000	499.749	2092817.13	0.7918	P	0.2
8	☐	1000.000	999.612	4029239.80	1.5837	M	2.5
9	☐			1330.69	0.0006	P	22.6

$$y = 0.0016 * x + 8.0303E-005$$

$$R = 1.0000$$

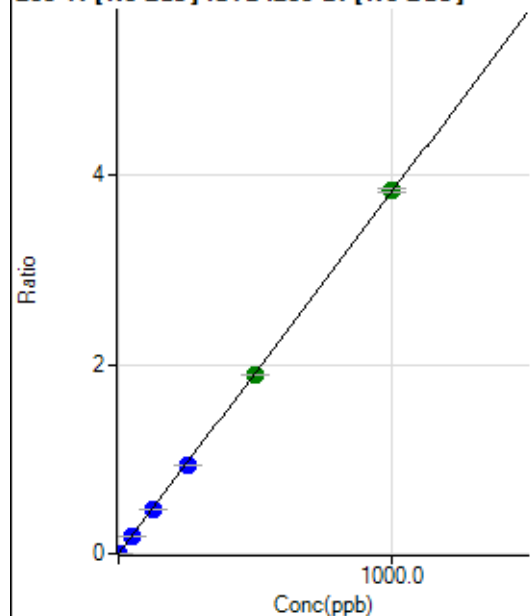
$$DL = 0.01412$$

$$BEC = 0.05069$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	436.14	0.0002	P	5.2
2	☐	0.100					
3	☐	1.000	0.955	10145.95	0.0038	P	0.6
4	☐	50.000	49.753	506905.62	0.1903	P	0.3
5	☐	125.000	124.270	1279965.36	0.4750	P	0.6
6	☐	250.000	244.175	2499480.33	0.9332	P	0.2
7	☐	500.000	495.748	5007470.47	1.8946	A	0.3
8	☐	1000.000	1003.686	9758647.70	3.8355	A	1.0
9	☐			2983.83	0.0013	P	10.6

$$y = 0.0038 * x + 1.6381E-004$$

$$R = 1.0000$$

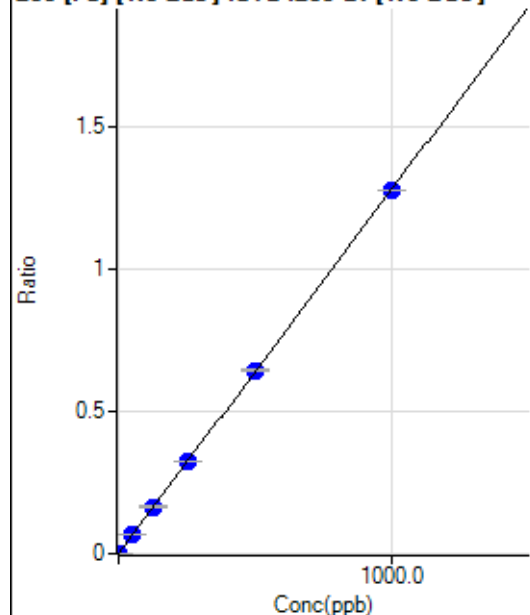
$$DL = 0.006723$$

$$BEC = 0.04287$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1524.20	0.0006	P	10.4
2	☐	0.100					
3	☐	1.000	0.922	4667.62	0.0018	P	3.3
4	☐	50.000	51.299	176648.77	0.0663	P	0.4
5	☐	125.000	128.378	444817.33	0.1651	P	1.0
6	☐	250.000	254.903	876418.58	0.3272	P	0.3
7	☐	500.000	503.481	1706854.67	0.6458	P	0.4
8	☐	1000.000	996.546	3250726.69	1.2776	P	0.2
9	☐			8156.44	0.0036	P	7.9

$$y = 0.0013 * x + 5.7237E-004$$

$$R = 1.0000$$

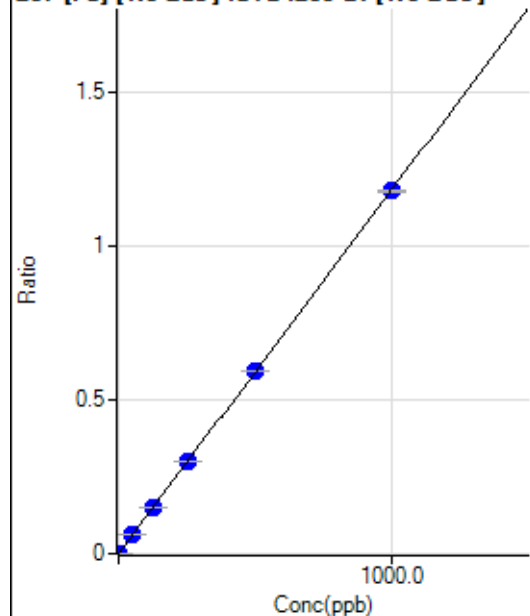
$$DL = 0.1387$$

$$BEC = 0.4466$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1274.18	0.0005	P	4.9
2	☐	0.100					
3	☐	1.000	0.924	4174.86	0.0016	P	6.2
4	☐	50.000	50.503	160150.65	0.0601	P	1.2
5	☐	125.000	126.917	405143.99	0.1504	P	0.4
6	☐	250.000	252.074	798568.88	0.2982	P	0.1
7	☐	500.000	502.737	1570443.22	0.5942	P	0.5
8	☐	1000.000	997.848	2999477.73	1.1789	P	0.3
9	☐			7020.58	0.0031	P	8.3

$$y = 0.0012 * x + 4.7859E-004$$

$$R = 1.0000$$

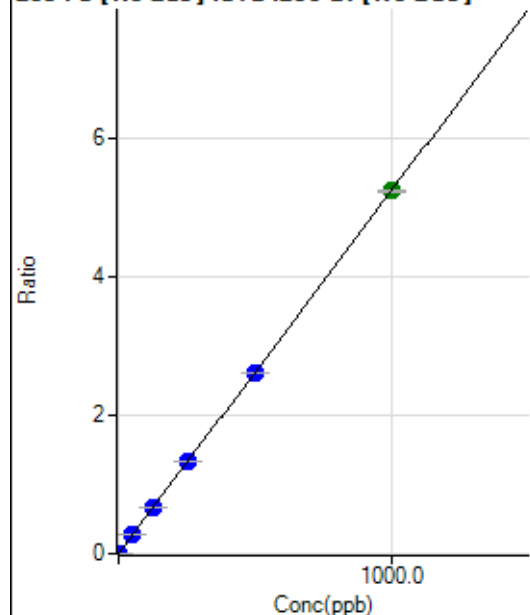
$$DL = 0.05908$$

$$BEC = 0.4053$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5906.24	0.0022	P	2.7
2	☐	0.100					
3	☐	1.000	0.920	18716.78	0.0070	P	3.3
4	☐	50.000	50.901	716193.78	0.2689	P	0.6
5	☐	125.000	127.171	1800922.30	0.6684	P	0.3
6	☐	250.000	252.795	3552556.14	1.3264	P	0.2
7	☐	500.000	499.014	6914710.55	2.6162	P	0.1
8	☐	1000.000	999.478	13326489.59	5.2377	A	0.2
9	☐			32064.07	0.0140	P	7.8

$$y = 0.0052 * x + 0.0022$$

$$R = 1.0000$$

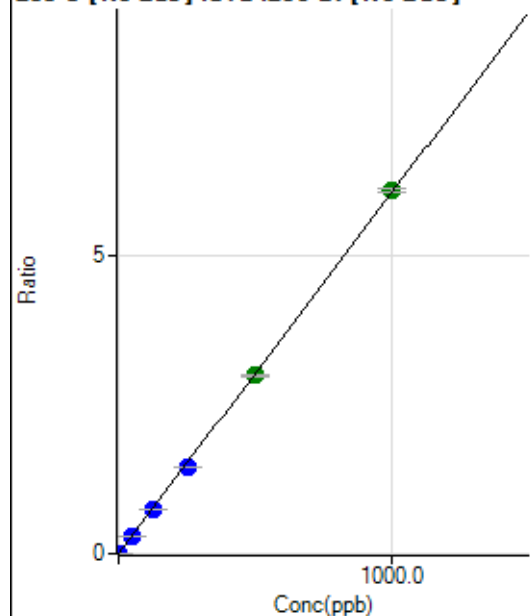
$$DL = 0.03374$$

$$BEC = 0.4235$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1069.53	0.0004	P	5.3
2	☐	0.100					
3	☐	1.000	0.945	16305.27	0.0061	P	0.5
4	☐	50.000	48.073	777075.88	0.2917	P	0.4
5	☐	125.000	120.479	1968142.32	0.7304	P	0.5
6	☐	250.000	238.736	3875541.32	1.4470	P	0.5
7	☐	500.000	494.439	7919709.98	2.9964	A	0.6
8	☐	1000.000	1006.258	15514478.99	6.0978	A	1.0
9	☐			3439.50	0.0015	P	2.0

$$y = 0.0061 * x + 4.0157E-004$$

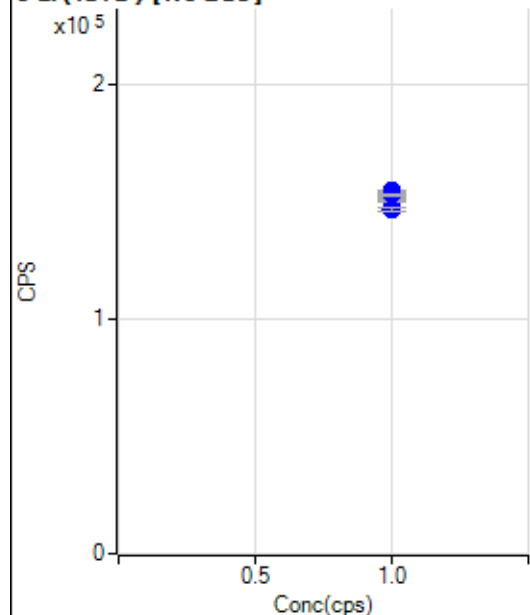
$$R = 0.9999$$

$$DL = 0.01053$$

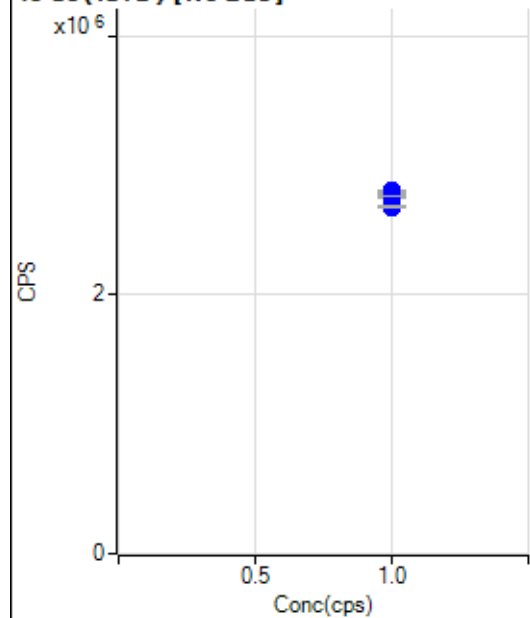
$$BEC = 0.06627$$

Weight: <None>

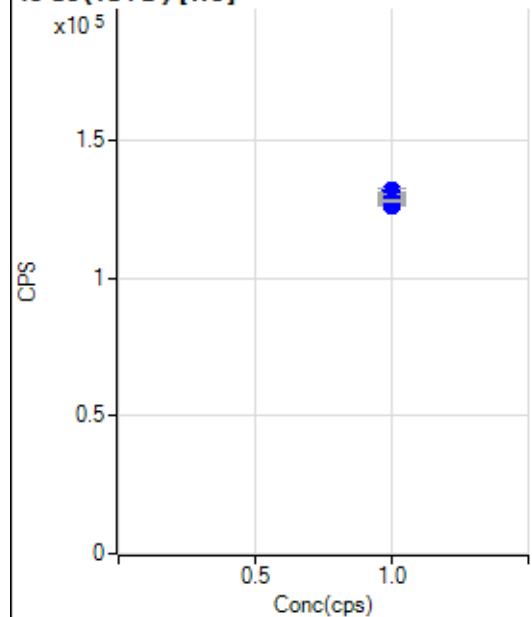
Min Conc: 0

6 Li (ISTD) [No Gas]

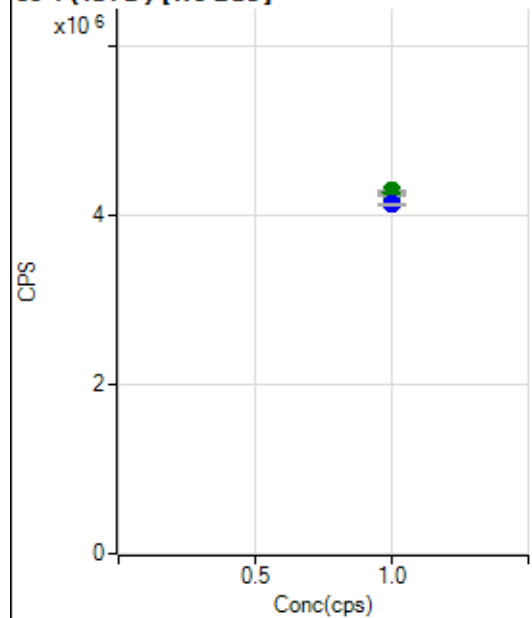
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		153631.28		P	0.9
2	☐	1.000					
3	☐	1.000		152276.95		P	0.8
4	☐	1.000		152067.69		P	1.3
5	☐	1.000		150458.85		P	0.6
6	☐	1.000		153377.29		P	0.6
7	☐	1.000		154471.06		P	0.3
8	☐	1.000		153045.24		P	0.5
9	☐	1.000		146339.97		P	0.9

45 Sc (ISTD) [No Gas]

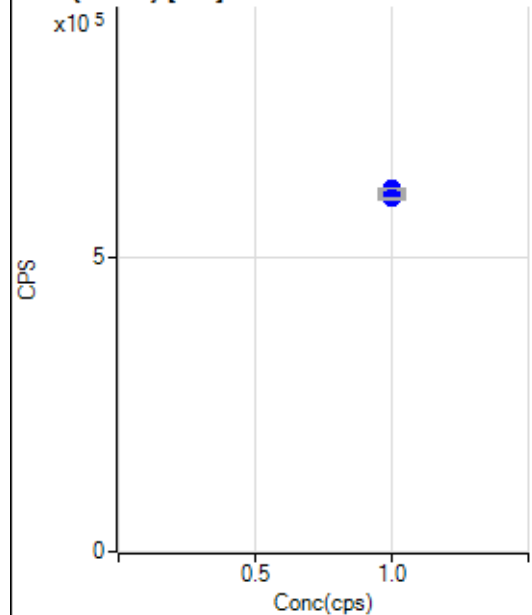
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2750186.95		P	0.7
2	☐	1.000					
3	☐	1.000		2767495.85		P	0.6
4	☐	1.000		2768730.88		P	0.7
5	☐	1.000		2801327.36		P	0.1
6	☐	1.000		2797877.51		P	0.2
7	☐	1.000		2791161.85		P	0.5
8	☐	1.000		2760423.32		P	0.4
9	☐	1.000		2678515.94		P	0.6

45 Sc (ISTD) [He]

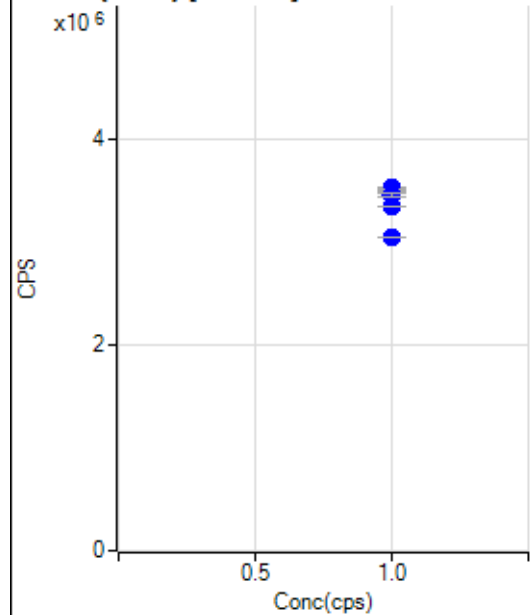
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		126915.43		P	0.5
2	☐	1.000					
3	☐	1.000		128799.13		P	1.0
4	☐	1.000		129125.48		P	0.6
5	☐	1.000		130168.39		P	0.4
6	☐	1.000		129683.22		P	0.3
7	☐	1.000		131927.84		P	1.0
8	☐	1.000		130836.95		P	0.2
9	☐	1.000		128146.92		P	0.5

89 Y (ISTD) [No Gas]

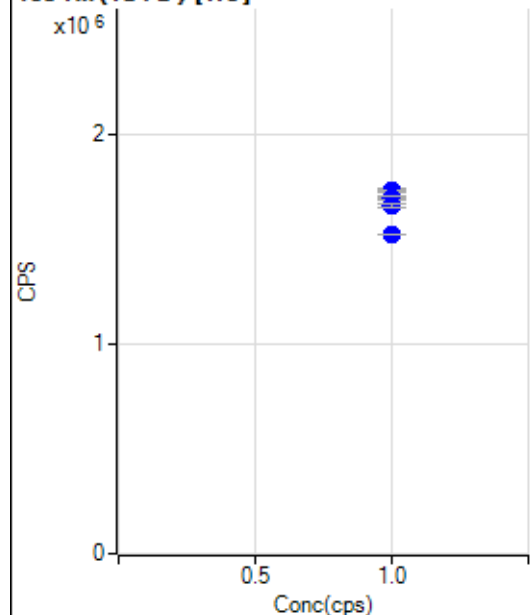
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4282267.64		A	0.7
2	☐	1.000					
3	☐	1.000		4272820.53		A	0.3
4	☐	1.000		4256595.84		A	0.6
5	☐	1.000		4274432.65		A	0.5
6	☐	1.000		4274665.35		A	0.2
7	☐	1.000		4256779.00		A	1.1
8	☐	1.000		4223166.36		A	0.4
9	☐	1.000		4120186.88		P	0.2

89 Y(ISTD) [He]

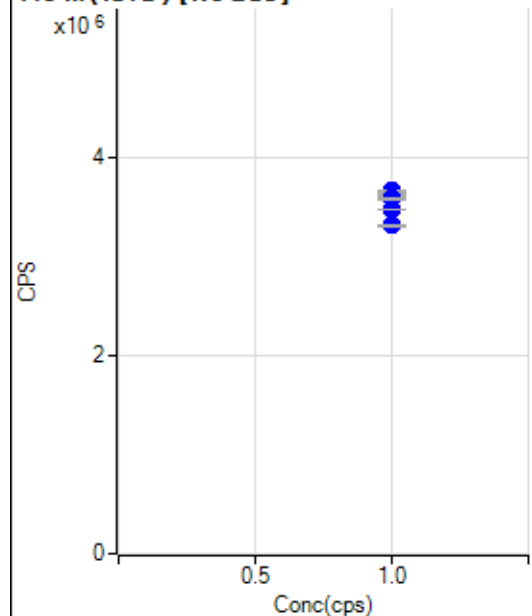
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		602285.71		P	0.1
2	☐	1.000					
3	☐	1.000		605525.51		P	0.4
4	☐	1.000		611462.99		P	0.5
5	☐	1.000		615389.36		P	0.2
6	☐	1.000		614265.18		P	0.3
7	☐	1.000		613753.09		P	0.8
8	☐	1.000		614723.15		P	0.5
9	☐	1.000		599604.13		P	0.4

103 Rh(ISTD) [No Gas]

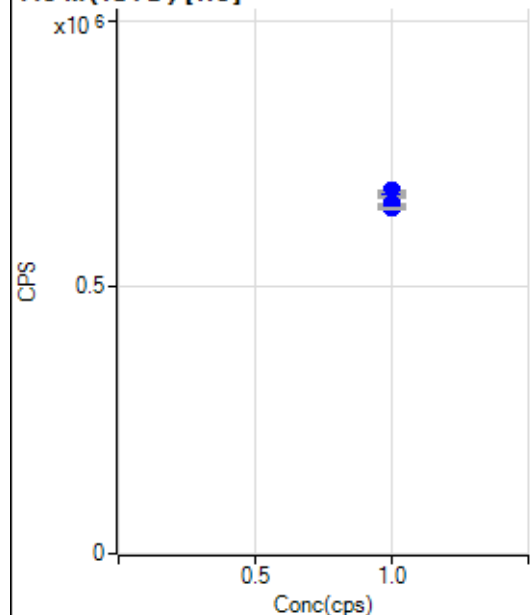
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3484743.79		P	0.8
2	☐	1.000					
3	☐	1.000		3491090.74		P	0.3
4	☐	1.000		3494576.68		P	0.4
5	☐	1.000		3520016.05		P	0.2
6	☐	1.000		3505752.47		P	0.4
7	☐	1.000		3452487.14		P	0.7
8	☐	1.000		3333602.46		P	0.0
9	☐	1.000		3041754.95		P	0.2

103 Rh (ISTD) [He]

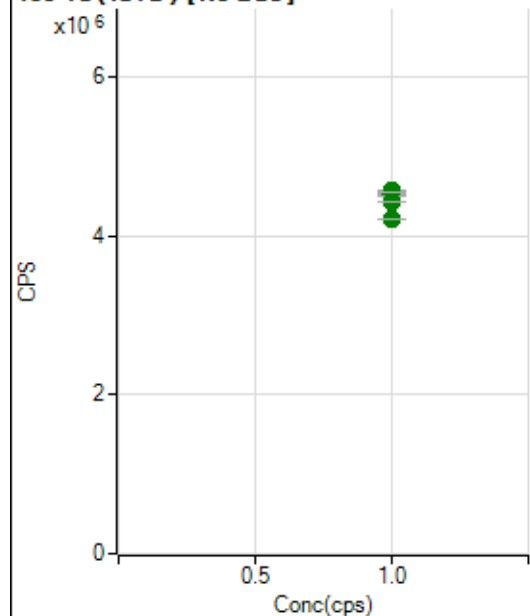
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1732065.68		P	0.3
2	☐	1.000					
3	☐	1.000		1733504.71		P	0.3
4	☐	1.000		1734488.32		P	0.9
5	☐	1.000		1733325.65		P	0.5
6	☐	1.000		1704781.70		P	0.8
7	☐	1.000		1701874.23		P	0.9
8	☐	1.000		1664530.35		P	0.7
9	☐	1.000		1522269.85		P	0.1

115 In (ISTD) [No Gas]

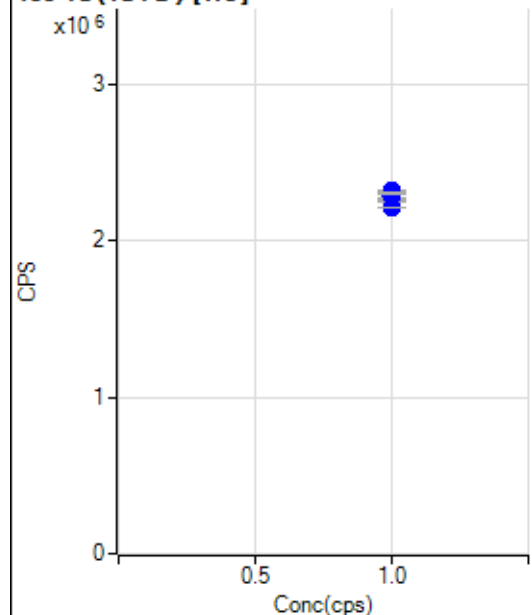
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3611070.02		P	0.9
2	☐	1.000					
3	☐	1.000		3604830.95		P	0.3
4	☐	1.000		3625548.15		P	0.1
5	☐	1.000		3664062.53		P	0.3
6	☐	1.000		3655279.95		P	0.4
7	☐	1.000		3590178.84		P	0.5
8	☐	1.000		3478391.80		P	0.4
9	☐	1.000		3317158.43		P	0.5

115 In (ISTD) [He]

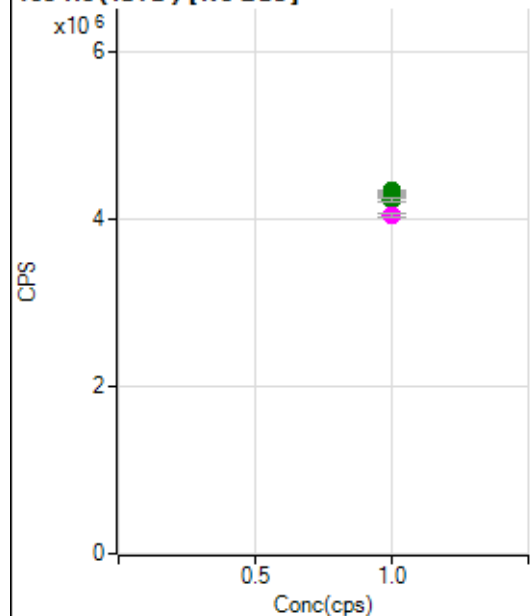
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		671689.27		P	0.0
2	☐	1.000					
3	☐	1.000		674072.16		P	0.7
4	☐	1.000		680800.35		P	0.9
5	☐	1.000		680142.44		P	0.6
6	☐	1.000		674199.58		P	0.8
7	☐	1.000		668434.63		P	0.6
8	☐	1.000		655331.23		P	0.6
9	☐	1.000		649020.88		P	0.4

159 Tb (ISTD) [No Gas]

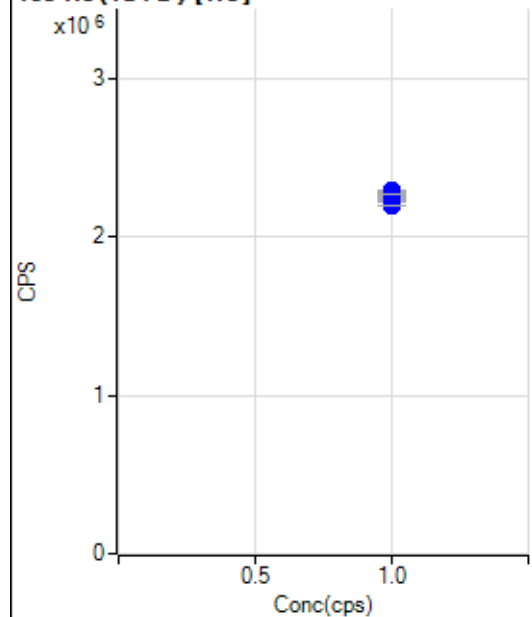
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4539960.83		A	0.1
2	☐	1.000					
3	☐	1.000		4541339.27		A	0.5
4	☐	1.000		4549702.22		A	0.9
5	☐	1.000		4560123.30		A	0.8
6	☐	1.000		4560328.86		A	0.7
7	☐	1.000		4522145.80		A	1.1
8	☐	1.000		4428862.64		A	0.2
9	☐	1.000		4212768.79		A	0.2

159 Tb (ISTD) [He]

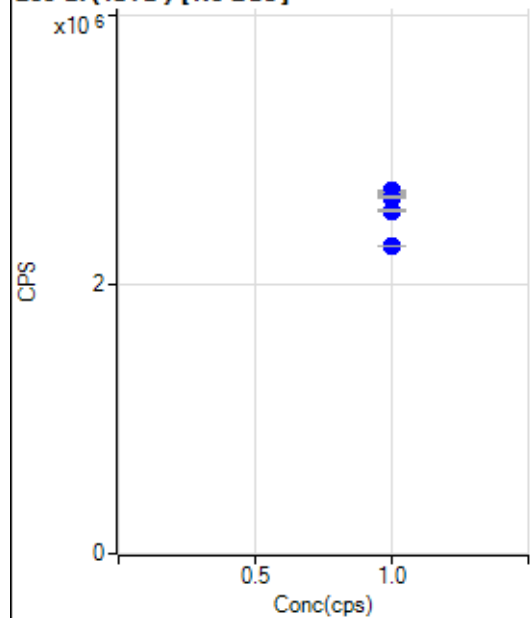
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2260763.32		P	0.4
2	☐	1.000					
3	☐	1.000		2258794.13		P	0.4
4	☐	1.000		2286154.34		P	0.8
5	☐	1.000		2302775.61		P	0.7
6	☐	1.000		2304769.13		P	0.4
7	☐	1.000		2318192.34		P	0.7
8	☐	1.000		2306083.07		P	0.4
9	☐	1.000		2209107.87		P	0.1

165 Ho (ISTD) [No Gas]

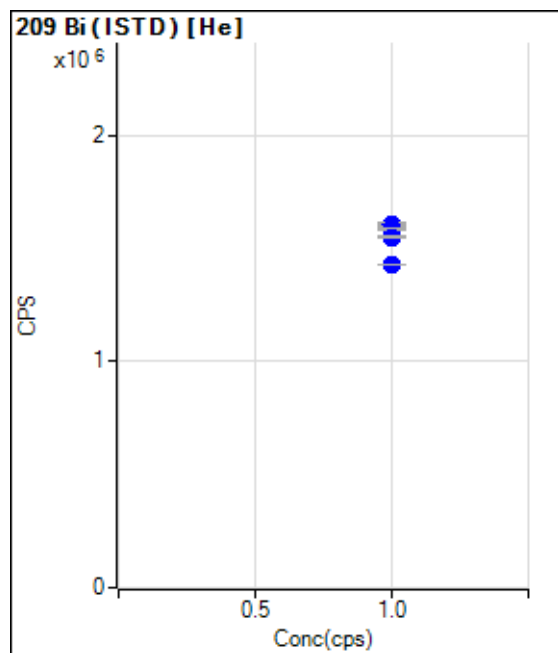
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4304216.33		A	0.2
2	☐	1.000					
3	☐	1.000		4305167.89		A	0.1
4	☐	1.000		4275599.53		A	0.9
5	☐	1.000		4337716.33		A	0.1
6	☐	1.000		4317611.47		A	0.6
7	☐	1.000		4266834.43		A	0.5
8	☐	1.000		4227509.51		A	0.9
9	☐	1.000		4043025.74		M	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2233297.83		P	0.3
2	☐	1.000					
3	☐	1.000		2234234.12		P	0.5
4	☐	1.000		2257894.67		P	0.7
5	☐	1.000		2275708.70		P	0.8
6	☐	1.000		2280272.05		P	0.7
7	☐	1.000		2292845.44		P	0.7
8	☐	1.000		2273007.54		P	0.4
9	☐	1.000		2196648.37		P	0.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2662851.00		P	0.6
2	☐	1.000					
3	☐	1.000		2660645.44		P	0.3
4	☐	1.000		2663966.82		P	0.6
5	☐	1.000		2694501.17		P	0.4
6	☐	1.000		2678321.63		P	0.4
7	☐	1.000		2643074.02		P	0.5
8	☐	1.000		2544351.89		P	0.5
9	☐	1.000		2284268.66		P	0.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1591007.06		P	0.3
2	☐	1.000					
3	☐	1.000		1592226.75		P	0.9
4	☐	1.000		1602422.03		P	0.7
5	☐	1.000		1603033.57		P	0.9
6	☐	1.000		1587399.19		P	0.7
7	☐	1.000		1582774.20		P	0.8
8	☐	1.000		1547936.59		P	0.6
9	☐	1.000		1430968.50		P	0.1