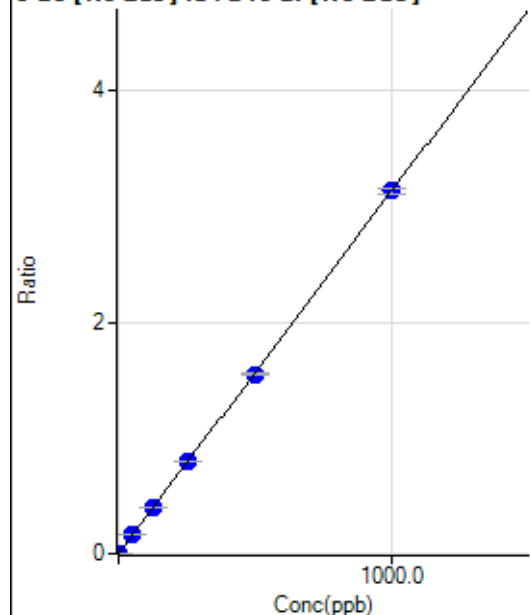


Calibration for 008CALS.d

Batch Folder: D:\ICP-MS Data\P7020217-MS.b\
 Analysis File: P7020217-MS.batch.bin
 DA Date-Time: 2017-02-02 16:16:00
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-02-02 14:16:20
2			
3	004CALS.d	S02	2017-02-02 14:24:50
4	005CALS.d	S03	2017-02-02 14:28:42
5	006CALS.d	S04	2017-02-02 14:32:43
6	007CALS.d	S05	2017-02-02 14:36:30
7	008CALS.d	S06	2017-02-02 14:40:12
8	009CALS.d	S07	2017-02-02 14:43:51
9	010CALS.d	S08	2017-02-02 14:47:25

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	100.
2	☐	0.100					
3	☐	1.000	0.993	957.47	0.0031	P	3.6
4	☐	50.000	52.111	49492.17	0.1633	P	1.1
5	☐	125.000	126.668	121573.58	0.3969	P	1.2
6	☐	250.000	254.415	243922.23	0.7971	P	0.5
7	☐	500.000	495.502	471881.62	1.5524	P	0.5
8	☐	1000.000	1000.831	931157.58	3.1356	P	1.3
9	☐			125.93	0.0004	P	22.3

$$y = 0.0031 * x + 3.6989E-005$$

$$R = 1.0000$$

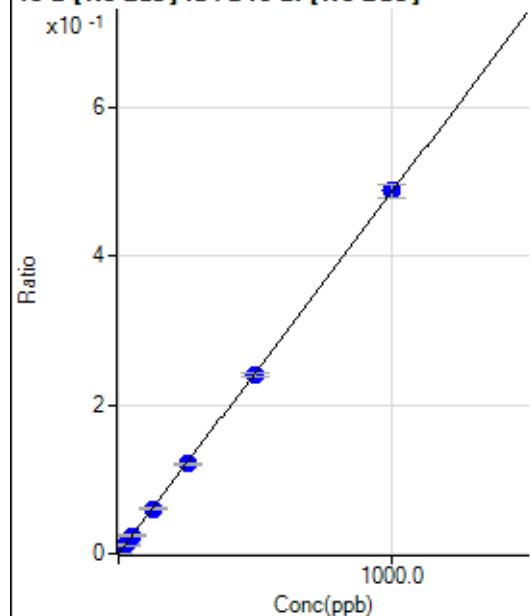
$$DL = 0.03546$$

$$BEC = 0.01181$$

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	25.00	0.0001	P	57.9
2	☐	2.500					
3	☐	25.000	24.274	3606.12	0.0119	P	6.8
4	☐	50.000	49.817	7349.30	0.0242	P	3.2
5	☐	125.000	124.856	18578.75	0.0606	P	3.9
6	☐	250.000	248.555	36921.06	0.1206	P	2.3
7	☐	500.000	493.232	72747.85	0.2393	P	2.2
8	☐	1000.000	1003.791	144596.43	0.4870	P	3.5
9	☐			3369.95	0.0119	P	7.3

$$y = 4.8505E-004 * x + 8.3545E-005$$

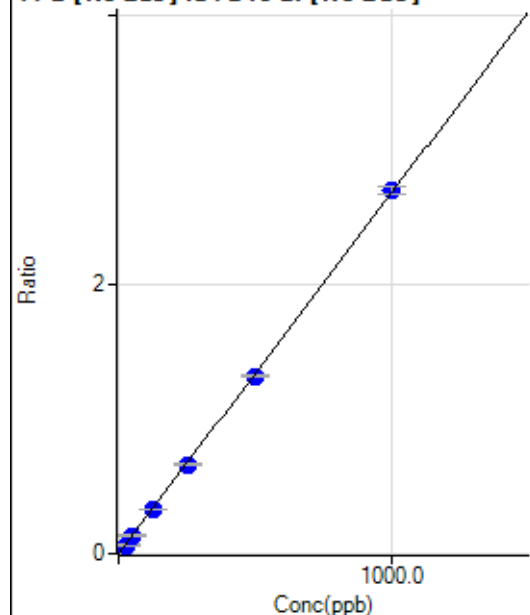
$$R = 1.0000$$

$$DL = 0.2993$$

$$BEC = 0.1722$$

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	194.45	0.0006	P	14.3
2	☐	2.500					
3	☐	25.000	23.699	19510.50	0.0641	P	3.2
4	☐	50.000	50.158	40923.07	0.1350	P	1.7
5	☐	125.000	123.472	101533.73	0.3314	P	1.8
6	☐	250.000	246.804	202542.02	0.6618	P	1.6
7	☐	500.000	491.614	400544.74	1.3177	P	1.5
8	☐	1000.000	1005.207	799877.20	2.6936	P	2.1
9	☐			18906.97	0.0670	P	8.4

$$y = 0.0027 * x + 6.4916E-004$$

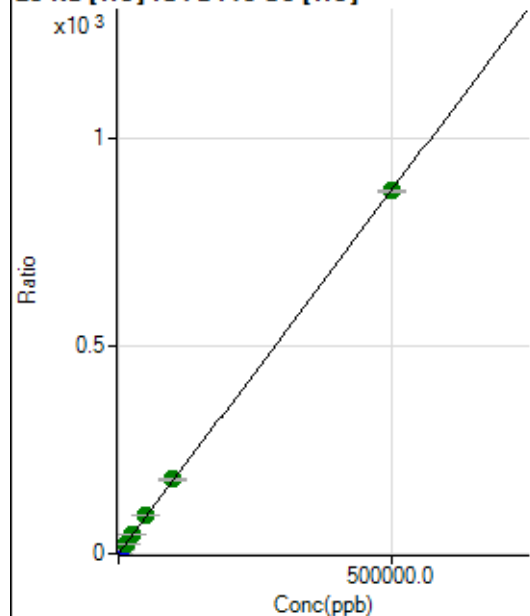
$$R = 0.9999$$

$$DL = 0.1037$$

$$BEC = 0.2423$$

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	20887.43	0.0739	P	1.8
2	☐	50.000					
3	☐	500.000	490.835	262121.74	0.9340	P	0.9
4	☐	5000.000	5274.922	2587862.80	9.3167	P	0.3
5	☐	12500.000	13134.393	6313025.79	23.0883	A	0.8
6	☐	25000.000	26199.358	12577501.15	45.9810	A	0.3
7	☐	50000.000	51677.635	24704206.97	90.6246	A	0.2
8	☐	100000.00	101992.90	49047654.92	178.7880	A	0.6
9	☐	500000.00	499355.08	232763694.0	875.0545	A	0.3

$$y = 0.0018 * x + 0.0739$$

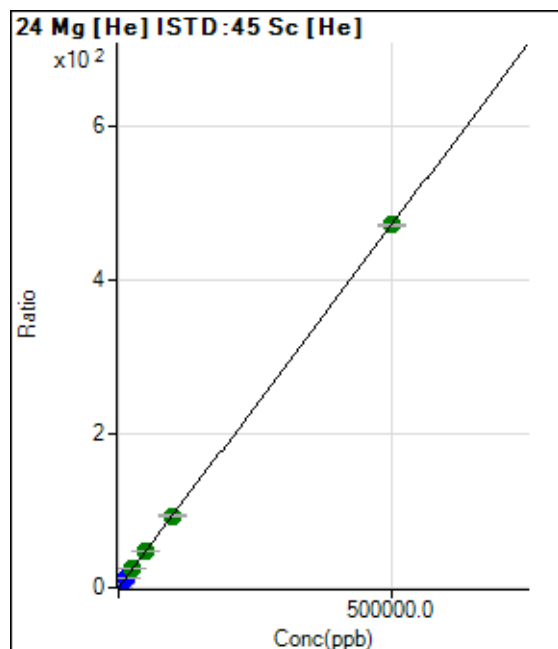
$$R = 1.0000$$

$$DL = 2.325$$

$$BEC = 42.18$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0008	P	11.0
2	☐	50.000					
3	☐	500.000	487.302	129060.34	0.4599	P	0.6
4	☐	5000.000	5089.499	1332019.03	4.7955	P	0.5
5	☐	12500.000	12974.036	3342211.51	12.2233	P	0.8
6	☐	25000.000	25431.493	6553704.01	23.9592	A	0.8
7	☐	50000.000	50071.838	12859105.67	47.1722	A	0.4
8	☐	100000.00	99321.891	25669742.59	93.5695	A	0.5
9	☐	500000.00	500094.13	125317573.6	471.1271	A	0.7

$$y = 9.4208\text{E-}004 * x + 7.8611\text{E-}004$$

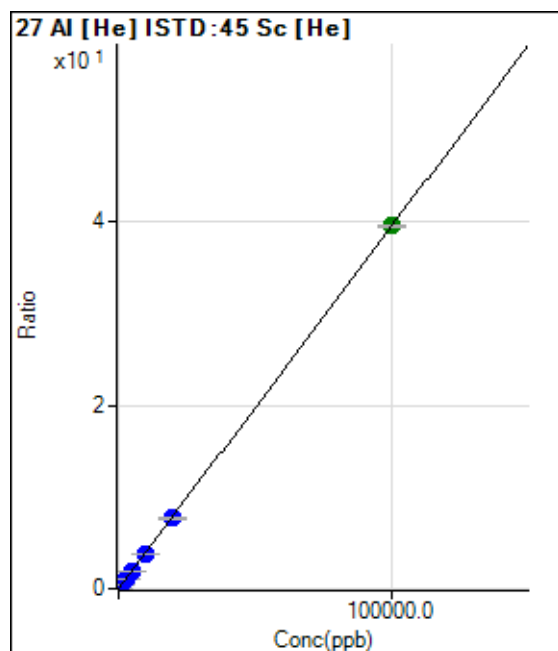
$$R = 1.0000$$

$$DL = 0.2753$$

$$BEC = 0.8344$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0002	P	69.4
2	☐	2.000					
3	☐	20.000	18.048	2066.90	0.0074	P	8.1
4	☐	1000.000	973.207	106835.74	0.3846	P	1.3
5	☐	2500.000	2457.562	265472.87	0.9709	P	0.7
6	☐	5000.000	4914.553	531025.87	1.9413	P	0.4
7	☐	10000.000	9752.152	1050056.01	3.8520	P	0.4
8	☐	20000.000	19399.296	2102081.91	7.6624	P	0.7
9	☐	100000.00	100150.52	10521992.25	39.5566	A	0.4

$$y = 3.9497\text{E-}004 * x + 2.3581\text{E-}004$$

$$R = 1.0000$$

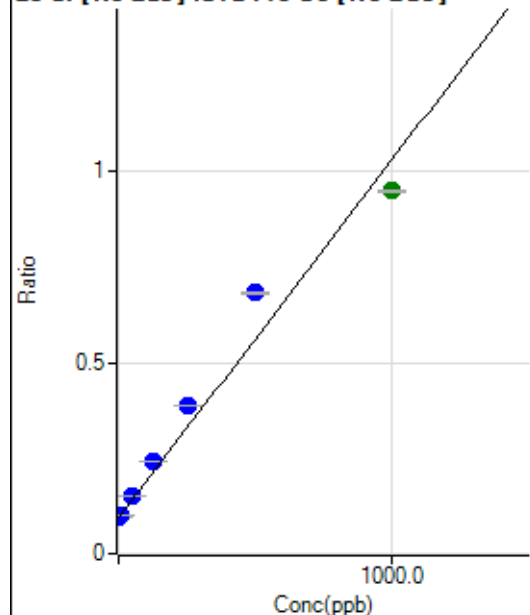
$$DL = 1.243$$

$$BEC = 0.597$$

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	528187.63	0.0936	P	0.1
2	☐	1.000					
3	☐	10.000	5.340	555022.45	0.0986	P	0.4
4	☐	50.000	61.994	847883.43	0.1515	P	1.0
5	☐	125.000	158.198	1332631.16	0.2414	P	0.2
6	☐	250.000	313.688	2140025.40	0.3867	P	0.3
7	☐	500.000	629.656	3700797.00	0.6820	P	0.7
8	☐	1000.000	914.547	5133043.17	0.9482	A	0.8
9	☐			557275.52	0.1058	P	0.6

$$y = 9.3444\text{E-}004 * x + 0.0936$$

$$R = 0.9835$$

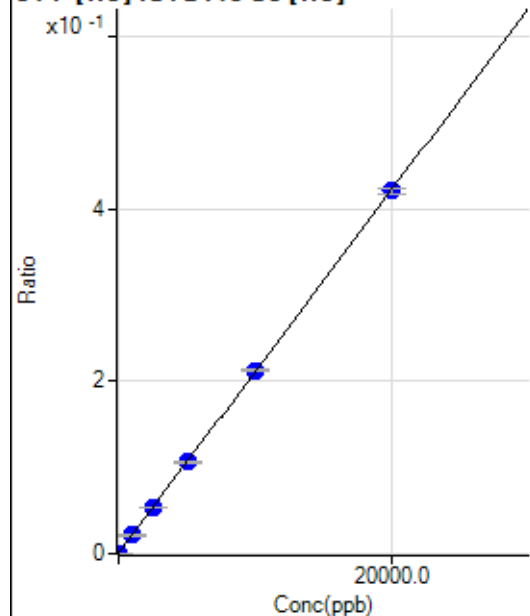
$$DL = 0.2161$$

$$BEC = 100.2$$

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	-12.495	116.67	0.0004	P	19.4
2	☐	0.000					
3	☐	0.000	12.495	263.90	0.0009	P	9.8
4	☐	1000.000	990.617	5990.33	0.0216	P	3.7
5	☐	2500.000	2487.114	14527.13	0.0531	P	1.1
6	☐	5000.000	5037.520	29243.50	0.1069	P	1.7
7	☐	10000.000	10077.788	58119.48	0.2132	P	0.9
8	☐	20000.000	19953.806	115631.99	0.4215	P	1.3
9	☐			191.68	0.0007	P	4.8

$$y = 2.1088\text{E-}005 * x + 6.7656\text{E-}004$$

$$R = 1.0000$$

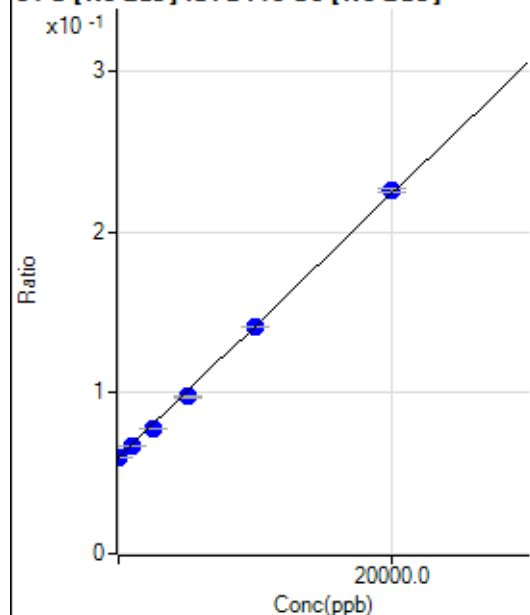
$$DL = 12.22$$

$$BEC = 32.08$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-12.682	336969.34	0.0597	P	0.9
2	☐	0.000					
3	☐	0.000	12.682	337347.06	0.0599	P	0.6
4	☐	1000.000	873.152	374789.24	0.0670	P	1.0
5	☐	2500.000	2181.436	428929.06	0.0777	P	0.3
6	☐	5000.000	4595.047	539500.84	0.0975	P	1.0
7	☐	10000.000	9870.660	763778.16	0.1407	P	0.3
8	☐	20000.000	20212.072	1220883.71	0.2255	P	1.2
9	☐			306949.23	0.0583	P	1.4

$$y = 8.1983\text{E-}006 * x + 0.0598$$

$$R = 0.9997$$

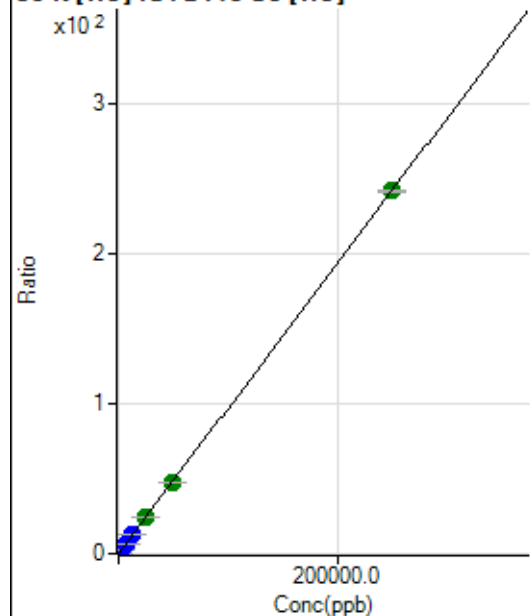
$$DL = 163.4$$

$$BEC = 7297$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29168.46	0.1032	P	0.6
2	☐	50.000					
3	☐	500.000	465.133	155312.86	0.5534	P	0.2
4	☐	2500.000	2488.250	697599.06	2.5115	P	0.8
5	☐	6250.000	6302.309	1696101.08	6.2030	P	0.4
6	☐	12500.000	12635.671	3373471.32	12.3328	P	0.3
7	☐	25000.000	24580.217	6513187.47	23.8934	A	0.9
8	☐	50000.000	48551.330	12919899.16	47.0941	A	0.3
9	☐	250000.00	250323.80	64473803.53	242.3814	A	0.6

$$y = 9.6786\text{E-}004 * x + 0.1032$$

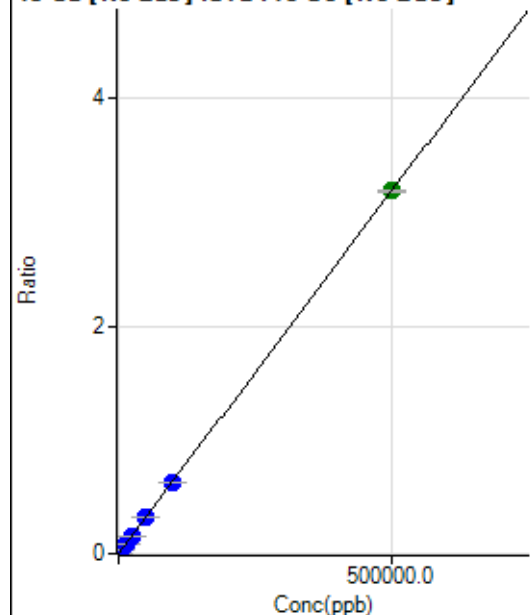
$$R = 1.0000$$

$$DL = 2.016$$

$$BEC = 106.6$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	425.03	0.0001	P	19.3
2	☐	50.000					
3	☐	500.000	458.373	16865.76	0.0030	P	0.8
4	☐	5000.000	4872.981	174163.29	0.0311	P	0.9
5	☐	12500.000	12275.606	432176.10	0.0783	P	0.8
6	☐	25000.000	24527.249	865299.91	0.1564	P	0.2
7	☐	50000.000	49343.165	1706682.70	0.3145	P	0.0
8	☐	100000.00	98820.854	3409385.88	0.6298	P	0.9
9	☐	500000.00	500332.07	16792120.17	3.1883	A	0.2

$$y = 6.3723\text{E-}006 * x + 7.5333\text{E-}005$$

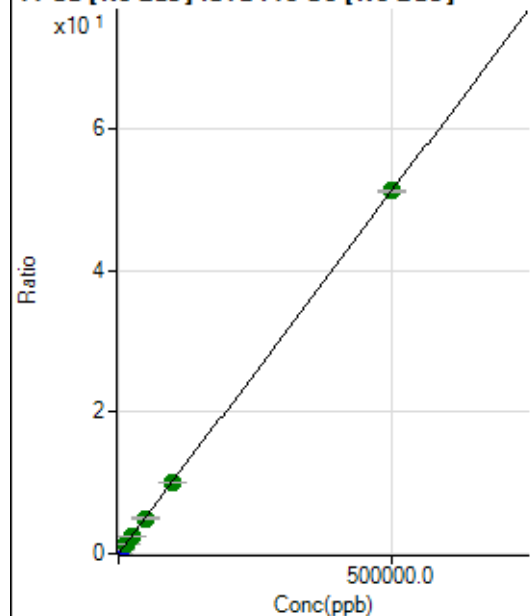
$$R = 1.0000$$

$$DL = 6.854$$

$$BEC = 11.82$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19533.30	0.0035	P	2.3
2	☐	50.000					
3	☐	500.000	457.451	283534.00	0.0504	P	0.2
4	☐	5000.000	4895.799	2828287.89	0.5055	P	0.6
5	☐	12500.000	12215.758	6932986.53	1.2561	A	0.5
6	☐	25000.000	24267.660	13789299.27	2.4919	A	0.4
7	☐	50000.000	48978.285	27272593.32	5.0257	A	0.5
8	☐	100000.00	97711.141	54258322.04	10.0228	A	0.8
9	☐	500000.00	500604.75	270370244.9	51.3356	A	0.3

$$y = 1.0254\text{E-}004 * x + 0.0035$$

$$R = 1.0000$$

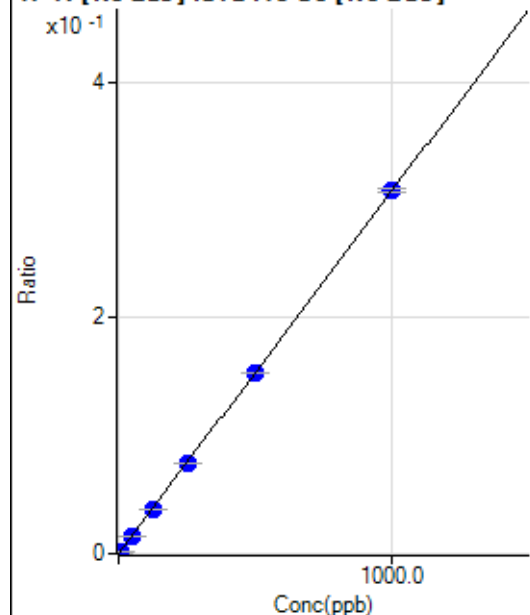
$$DL = 2.378$$

$$BEC = 33.76$$

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	116.67	0.0000	P	18.8
2	☐	0.500					
3	☐	5.000	4.480	7871.88	0.0014	P	2.2
4	☐	50.000	49.676	85592.89	0.0153	P	1.7
5	☐	125.000	124.146	210849.50	0.0382	P	0.8
6	☐	250.000	248.318	422705.79	0.0764	P	0.7
7	☐	500.000	498.276	831657.19	0.1533	P	0.6
8	☐	1000.000	1001.408	1667264.72	0.3080	P	1.0
9	☐			1541.81	0.0003	P	14.0

$$y = 3.0753\text{E-}004 * x + 2.0676\text{E-}005$$

$$R = 1.0000$$

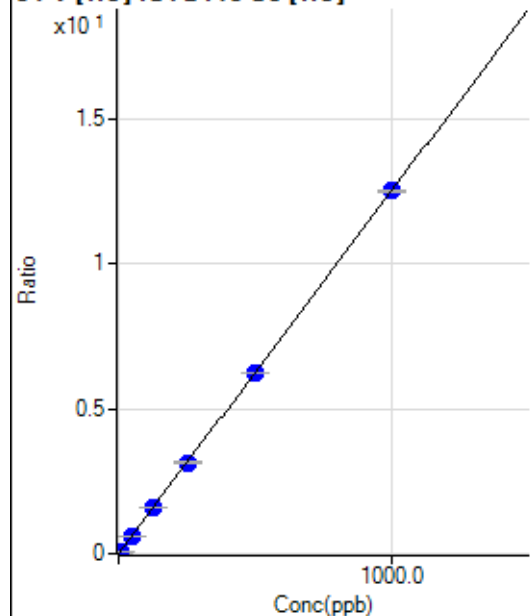
$$DL = 0.0379$$

$$BEC = 0.06723$$

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	31.11	0.0001	P	22.7
2	☐	0.500					
3	☐	5.000	4.572	16097.86	0.0574	P	1.5
4	☐	50.000	49.519	172238.95	0.6201	P	0.9
5	☐	125.000	125.248	428809.41	1.5682	P	0.5
6	☐	250.000	251.105	859985.09	3.1439	P	0.6
7	☐	500.000	499.185	1703713.57	6.2499	P	0.4
8	☐	1000.000	1000.127	3435111.62	12.5217	P	0.6
9	☐			952.27	0.0036	P	3.8

$$y = 0.0125 * x + 1.1016\text{E-}004$$

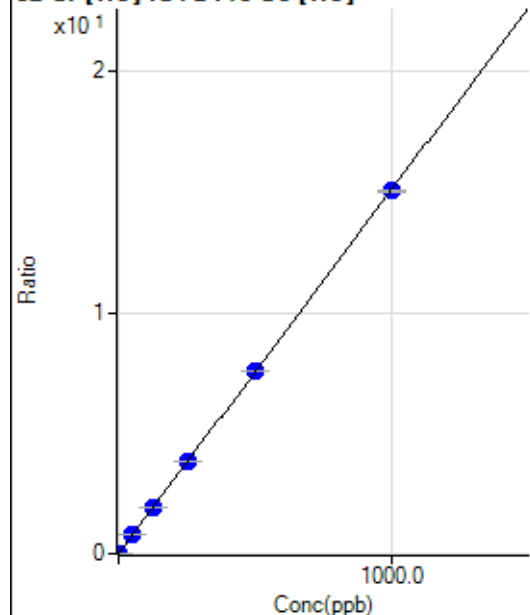
$$R = 1.0000$$

$$DL = 0.005995$$

$$BEC = 0.008798$$

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	902.27	0.0032	P	9.1
2	☐	0.200					
3	☐	2.000	1.998	9365.33	0.0334	P	0.6
4	☐	50.000	50.534	212901.46	0.7665	P	0.9
5	☐	125.000	127.781	528623.64	1.9333	P	0.3
6	☐	250.000	254.394	1051932.41	3.8457	P	0.7
7	☐	500.000	502.964	2071801.17	7.6002	P	0.2
8	☐	1000.000	997.045	4132256.08	15.0630	P	0.7
9	☐			88888.15	0.3342	P	1.1

$$y = 0.0151 * x + 0.0032$$

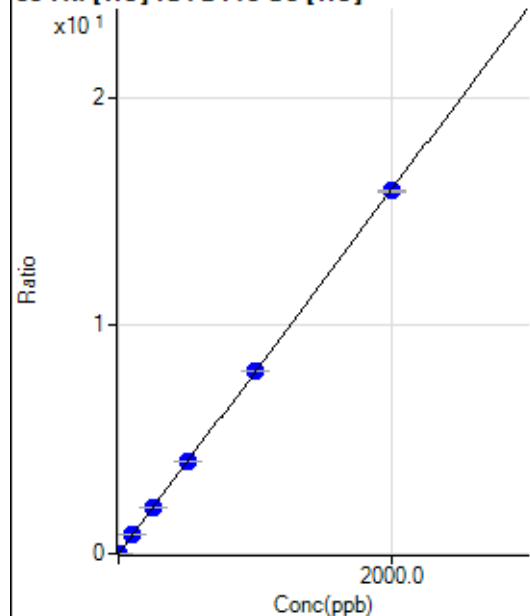
$$R = 1.0000$$

$$DL = 0.0574$$

$$BEC = 0.2114$$

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	107.78	0.0004	P	8.3
2	☐	0.100					
3	☐	1.000	1.008	2361.34	0.0084	P	1.3
4	☐	100.000	101.632	225089.63	0.8104	P	0.6
5	☐	250.000	255.135	556101.61	2.0337	P	0.0
6	☐	500.000	508.321	1108256.20	4.0516	P	0.1
7	☐	1000.000	1006.434	2186619.08	8.0214	P	0.4
8	☐	2000.000	1993.979	4359715.32	15.8919	P	0.5
9	☐			16596.19	0.0624	P	1.6

$$y = 0.0080 * x + 3.8148E-004$$

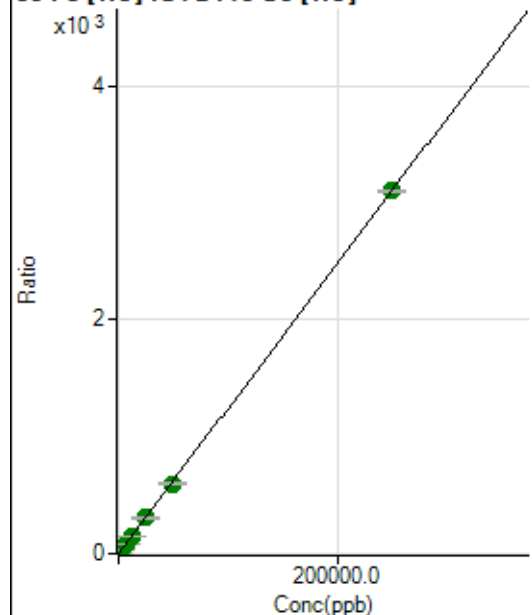
$$R = 1.0000$$

$$DL = 0.01189$$

$$BEC = 0.04787$$

Weight: <None>

Min Conc: 0

56 Fe [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4482.29	0.0159	P	1.9
2	☐	5.000					
3	☐	50.000	46.715	166921.32	0.5948	P	0.3
4	☐	2500.000	2503.563	8621756.96	31.0398	A	0.3
5	☐	6250.000	6278.971	21280017.37	77.8243	A	0.1
6	☐	12500.000	12529.437	42474741.69	155.2795	A	0.2
7	☐	25000.000	24640.448	83238938.90	305.3580	A	0.8
8	☐	50000.000	48325.670	164288479.6	598.8631	A	0.6
9	☐	250000.00	250368.59	825293862.8	3,102.560	A	0.6

$$y = 0.0124 * x + 0.0159$$

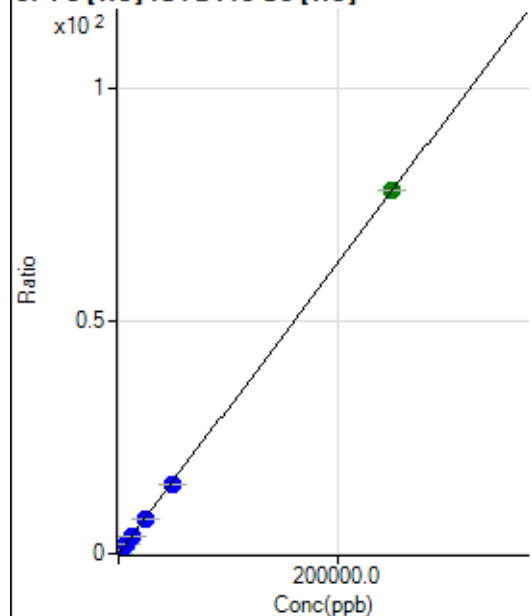
$$R = 1.0000$$

$$DL = 0.07467$$

$$BEC = 1.28$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.04	0.0003	P	9.4
2	☐	5.000					
3	☐	50.000	45.640	4078.48	0.0145	P	5.6
4	☐	2500.000	2451.205	212248.62	0.7641	P	0.2
5	☐	6250.000	6145.678	523734.89	1.9154	P	0.7
6	☐	12500.000	12259.740	1045068.88	3.8206	P	0.2
7	☐	25000.000	24169.708	2053171.07	7.5318	P	0.4
8	☐	50000.000	48142.126	4115515.81	15.0019	P	0.7
9	☐	250000.00	250469.71	20761098.15	78.0493	A	0.1

$$y = 3.1161E-004 * x + 3.0792E-004$$

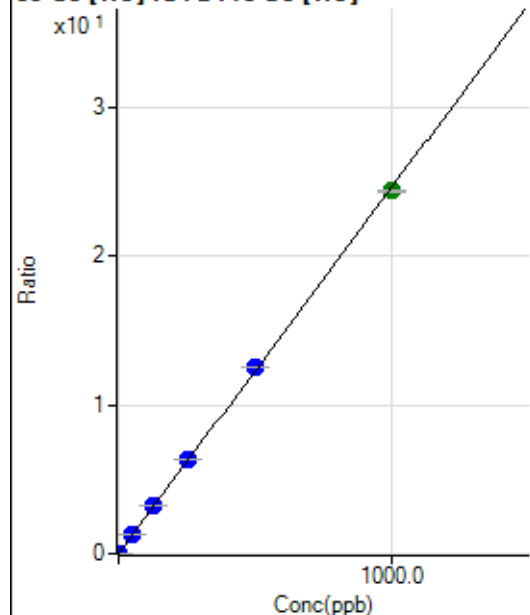
$$R = 1.0000$$

$$DL = 0.2788$$

$$BEC = 0.9881$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	214.45	0.0008	P	17.9
2	☐	0.100					
3	☐	1.000	0.960	6843.94	0.0244	P	0.8
4	☐	50.000	51.643	353249.90	1.2718	P	0.5
5	☐	125.000	130.700	879760.49	3.2175	P	0.4
6	☐	250.000	259.432	1746739.23	6.3857	P	0.2
7	☐	500.000	511.115	3429324.64	12.5800	P	0.3
8	☐	1000.000	991.290	6693113.99	24.3978	A	0.8
9	☐			8286.91	0.0312	P	1.4

$$y = 0.0246 * x + 7.5860E-004$$

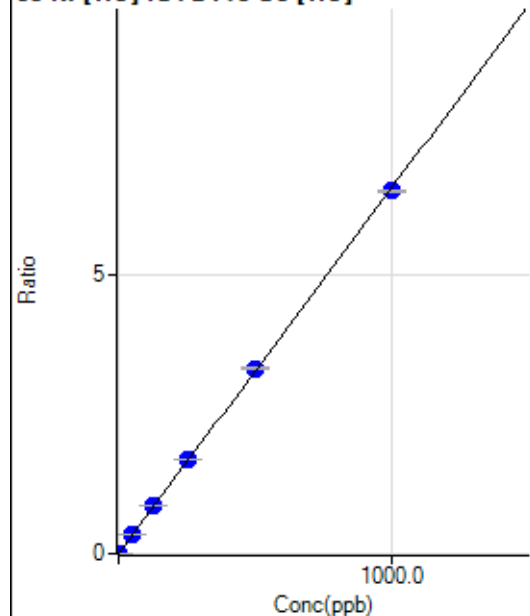
$$R = 0.9999$$

$$DL = 0.01659$$

$$BEC = 0.03082$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.11	0.0003	P	24.3
2	☐	0.100					
3	☐	1.000	1.032	1986.84	0.0071	P	4.6
4	☐	50.000	52.392	95406.55	0.3435	P	0.6
5	☐	125.000	131.587	235751.71	0.8622	P	0.6
6	☐	250.000	259.381	464798.01	1.6992	P	0.3
7	☐	500.000	507.497	906220.57	3.3243	P	0.3
8	☐	1000.000	992.963	1784272.25	6.5040	P	0.7
9	☐			21006.36	0.0790	P	1.0

$$y = 0.0065 * x + 3.2237E-004$$

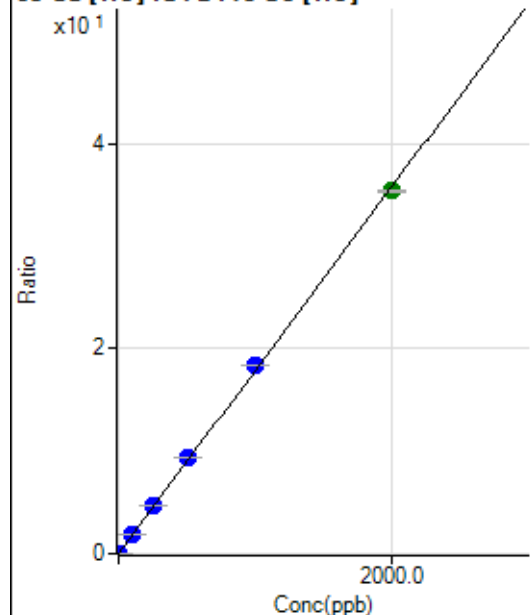
$$R = 0.9999$$

$$DL = 0.03582$$

$$BEC = 0.04922$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	518.91	0.0018	P	6.3
2	☐	0.200					
3	☐	2.000	1.973	10412.74	0.0371	P	1.2
4	☐	100.000	104.019	516894.92	1.8609	P	0.2
5	☐	250.000	262.893	1285253.26	4.7004	P	0.1
6	☐	500.000	521.630	2550632.98	9.3246	P	0.2
7	☐	1000.000	1025.448	4996562.08	18.3291	P	0.3
8	☐	2000.000	1980.056	9708734.86	35.3903	A	0.6
9	☐			13579.81	0.0511	P	0.7

$$y = 0.0179 * x + 0.0018$$

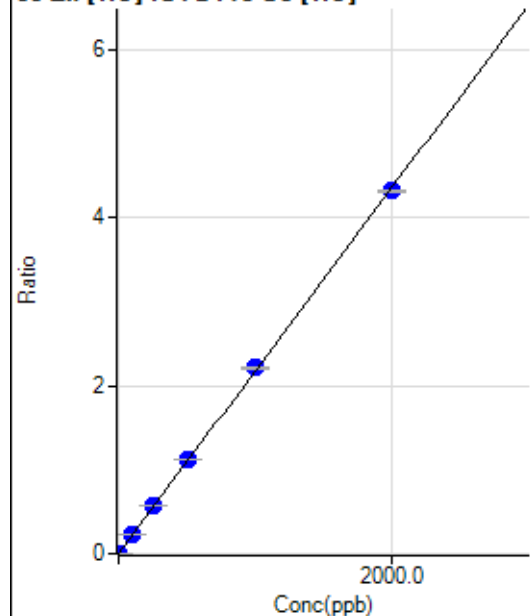
$$R = 0.9998$$

$$DL = 0.01935$$

$$BEC = 0.1027$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	227.78	0.0008	P	2.4
2	☐	0.200					
3	☐	2.000	2.120	1518.99	0.0054	P	2.3
4	☐	100.000	104.545	63313.28	0.2279	P	0.8
5	☐	250.000	262.600	156221.29	0.5713	P	0.3
6	☐	500.000	519.250	308803.76	1.1289	P	0.4
7	☐	1000.000	1015.978	601932.72	2.2081	P	0.5
8	☐	2000.000	1985.396	1183572.25	4.3143	P	0.5
9	☐			7271.91	0.0273	P	2.9

$$y = 0.0022 * x + 8.0603E-004$$

$$R = 0.9999$$

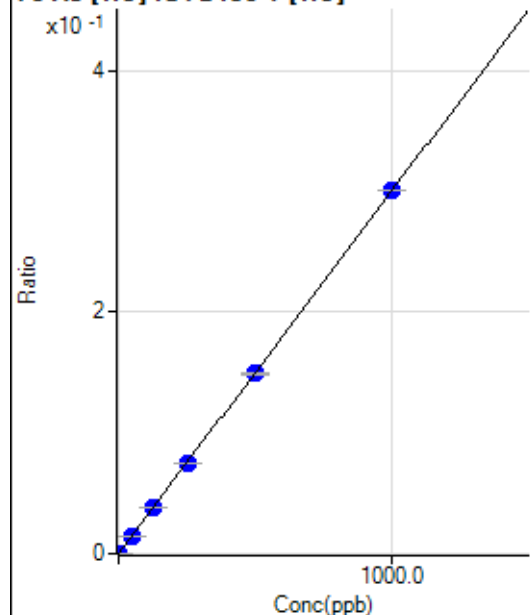
$$DL = 0.02621$$

$$BEC = 0.371$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.81	0.0000	P	57.1
2	☐	0.100					
3	☐	1.000	1.002	481.50	0.0003	P	5.2
4	☐	50.000	49.250	22766.64	0.0148	P	1.7
5	☐	125.000	124.991	56920.04	0.0375	P	0.4
6	☐	250.000	248.600	113136.76	0.0746	P	0.3
7	☐	500.000	497.968	224973.93	0.1494	P	0.8
8	☐	1000.000	1001.404	450879.30	0.3003	P	0.1
9	☐			651.87	0.0004	P	8.0

$$y = 2.9990\text{E-}004 * x + 9.4853\text{E-}006$$

$$R = 1.0000$$

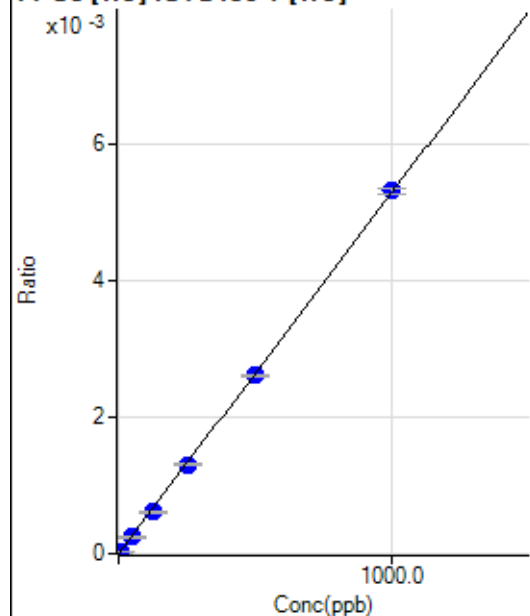
$$DL = 0.05418$$

$$BEC = 0.03163$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	5.276	45.56	0.0000	P	11.5
4	☐	50.000	46.488	381.12	0.0002	P	11.5
5	☐	125.000	116.461	937.82	0.0006	P	3.8
6	☐	250.000	246.861	1984.61	0.0013	P	2.5
7	☐	500.000	493.726	3938.38	0.0026	P	1.1
8	☐	1000.000	1005.163	7989.00	0.0053	P	1.5
9	☐			12.22	0.0000	P	31.3

$$y = 5.2927\text{E-}006 * x + 1.4178\text{E-}006$$

$$R = 0.9999$$

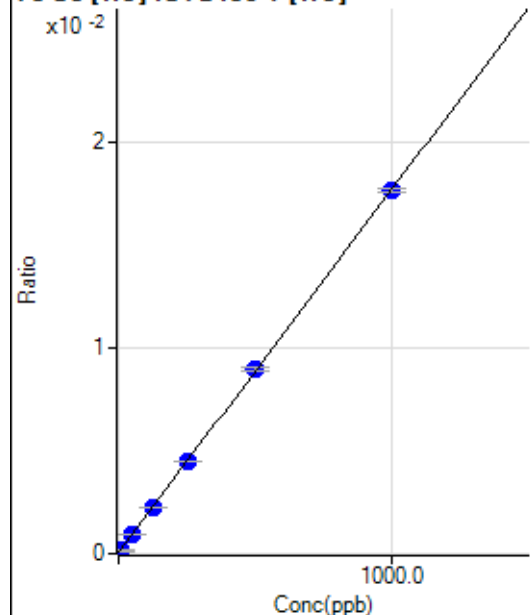
$$DL = 0.696$$

$$BEC = 0.2679$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.42	0.0001	P	11.6
2	☐	0.500					
3	☐	5.000	4.856	219.14	0.0001	P	7.6
4	☐	50.000	48.803	1413.66	0.0009	P	3.7
5	☐	125.000	124.848	3433.16	0.0023	P	1.4
6	☐	250.000	251.306	6822.03	0.0045	P	0.9
7	☐	500.000	505.666	13542.82	0.0090	P	2.3
8	☐	1000.000	996.920	26530.44	0.0177	P	1.0
9	☐			137.66	0.0001	P	20.0

$$y = 1.7671\text{E-}005 * x + 5.5335\text{E-}005$$

$$R = 1.0000$$

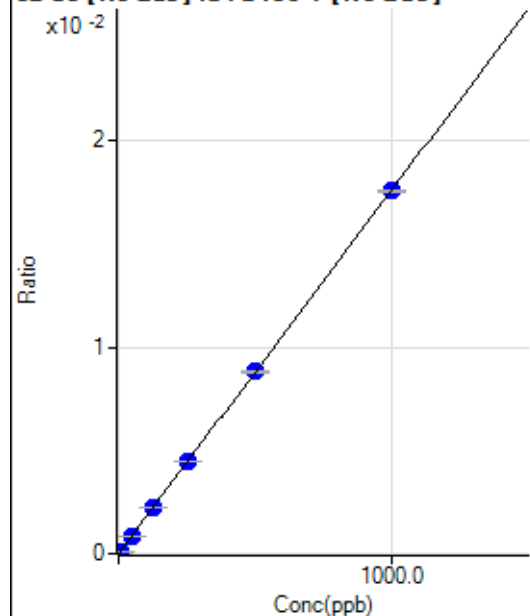
$$DL = 1.087$$

$$BEC = 3.131$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.10	0.0000	P	150.
2	☐	0.500					
3	☐	5.000	4.930	890.72	0.0001	P	10.2
4	☐	50.000	49.688	8451.60	0.0009	P	1.1
5	☐	125.000	126.951	21095.48	0.0022	P	0.9
6	☐	250.000	254.225	42503.57	0.0045	P	0.7
7	☐	500.000	500.396	82923.78	0.0088	P	1.0
8	☐	1000.000	998.518	164603.47	0.0176	P	0.3
9	☐			403.44	0.0000	P	16.9

$$y = 1.7601\text{E-}005 * x + 4.9761\text{E-}006$$

$$R = 1.0000$$

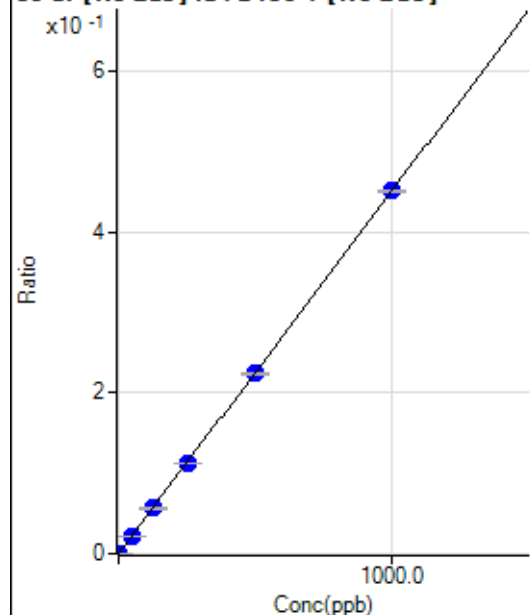
$$DL = 1.279$$

$$BEC = 0.2827$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1127.87	0.0001	P	8.1
2	☐	0.100					
3	☐	1.000	0.827	4748.21	0.0005	P	1.3
4	☐	50.000	49.554	215422.97	0.0224	P	0.3
5	☐	125.000	124.827	530288.66	0.0563	P	1.2
6	☐	250.000	250.002	1068673.78	0.1126	P	0.4
7	☐	500.000	496.946	2105657.01	0.2238	P	0.6
8	☐	1000.000	1001.571	4221576.57	0.4509	P	0.5
9	☐			120070.60	0.0134	P	2.2

$$y = 4.5006\text{E-}004 * x + 1.1649\text{E-}004$$

$$R = 1.0000$$

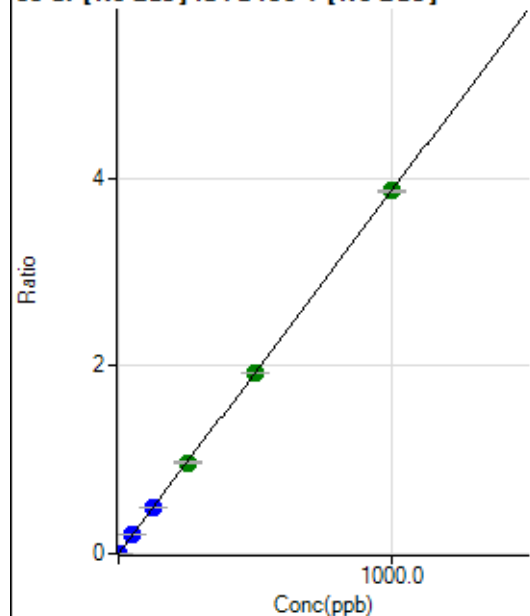
$$DL = 0.06275$$

$$BEC = 0.2588$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	252.79	0.0000	P	25.1
2	☐	0.100					
3	☐	1.000	0.888	33576.39	0.0035	P	0.9
4	☐	50.000	50.532	1874979.60	0.1951	P	0.2
5	☐	125.000	128.777	4683717.86	0.4972	P	0.7
6	☐	250.000	251.035	9195843.00	0.9692	A	1.3
7	☐	500.000	497.820	18086341.55	1.9220	A	0.8
8	☐	1000.000	1000.333	36161178.59	3.8622	A	0.6
9	☐			1032518.82	0.1155	P	1.2

$$y = 0.0039 * x + 2.6106\text{E-}005$$

$$R = 1.0000$$

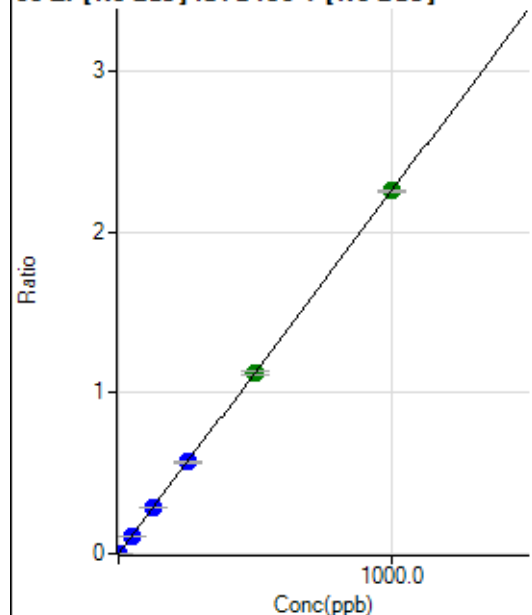
$$DL = 0.005099$$

$$BEC = 0.006762$$

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	519.48	0.0001	P	15.7
2	☐	0.100					
3	☐	1.000	0.693	15689.70	0.0016	P	6.1
4	☐	50.000	48.664	1054594.78	0.1097	P	0.3
5	☐	125.000	125.759	2670765.71	0.2835	P	1.1
6	☐	250.000	252.485	5400316.35	0.5692	P	1.0
7	☐	500.000	498.502	10574001.19	1.1237	A	1.2
8	☐	1000.000	1000.100	21107990.75	2.2544	A	0.2
9	☐			5409.61	0.0006	P	1.9

$$y = 0.0023 * x + 5.3637E-005$$

$$R = 1.0000$$

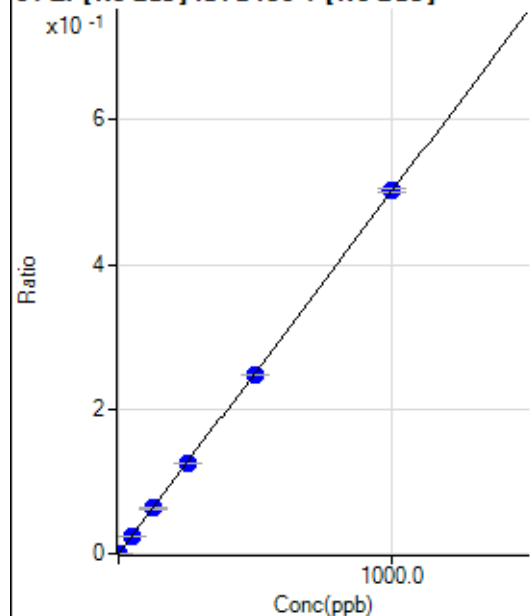
$$DL = 0.01118$$

$$BEC = 0.0238$$

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	88.89	0.0000	P	42.1
2	☐	0.100					
3	☐	1.000	0.698	3481.12	0.0004	P	5.9
4	☐	50.000	48.380	232704.19	0.0242	P	0.1
5	☐	125.000	125.152	589979.90	0.0626	P	0.6
6	☐	250.000	248.596	1180277.81	0.1244	P	0.8
7	☐	500.000	495.528	2333282.13	0.2480	P	0.3
8	☐	1000.000	1002.649	4697349.28	0.5017	P	1.0
9	☐			1269.55	0.0001	P	8.5

$$y = 5.0037E-004 * x + 9.1750E-006$$

$$R = 1.0000$$

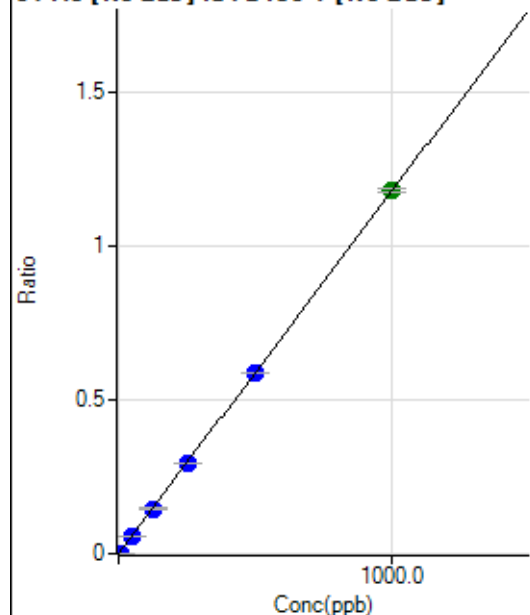
$$DL = 0.02317$$

$$BEC = 0.01834$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	288.91	0.0000	P	14.6
2	☐	0.500					
3	☐	5.000	1.829	21241.46	0.0022	P	3.2
4	☐	50.000	47.927	543357.71	0.0565	P	0.8
5	☐	125.000	124.572	1384073.27	0.1469	P	0.6
6	☐	250.000	248.558	2781356.12	0.2931	P	0.5
7	☐	500.000	497.365	5519365.49	0.5865	P	0.3
8	☐	1000.000	1001.851	11061728.46	1.1815	A	1.2
9	☐			20437.55	0.0023	P	5.0

$$y = 0.0012 * x + 2.9830E-005$$

$$R = 1.0000$$

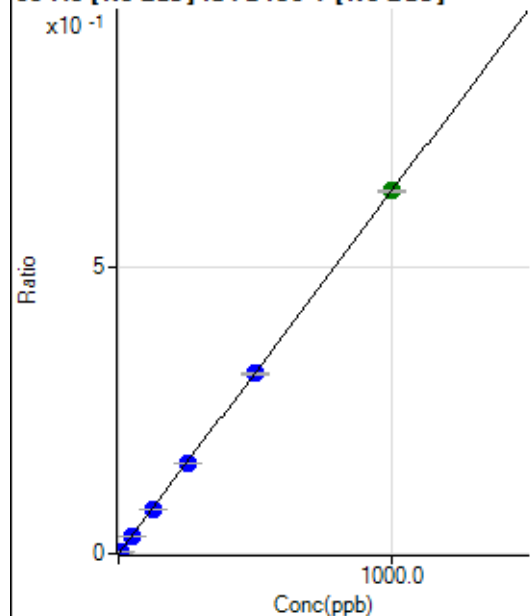
$$DL = 0.01109$$

$$BEC = 0.0253$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	0.2
2	☐	0.500					
3	☐	5.000	4.454	27483.00	0.0028	P	3.3
4	☐	50.000	47.972	291825.10	0.0304	P	1.2
5	☐	125.000	124.207	740582.78	0.0786	P	0.3
6	☐	250.000	249.184	1496336.62	0.1577	P	0.9
7	☐	500.000	498.294	2967501.74	0.3154	P	0.9
8	☐	1000.000	1001.261	5933057.43	0.6337	A	0.9
9	☐			31775.23	0.0036	P	8.9

$$y = 6.3287E-004 * x + 1.0328E-005$$

$$R = 1.0000$$

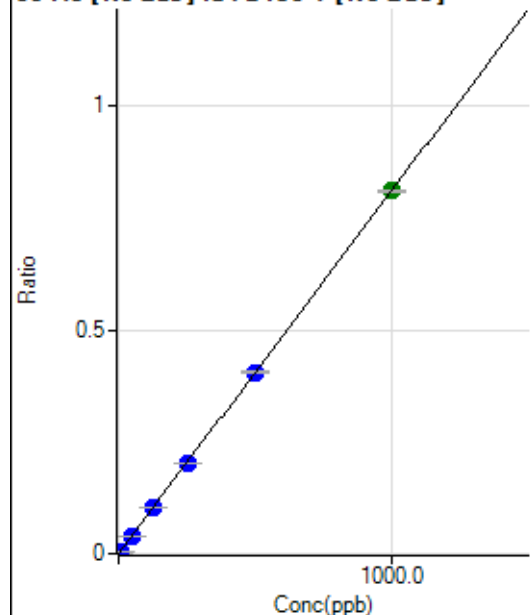
$$DL = 0.0001003$$

$$BEC = 0.01632$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0000	P	36.9
2	☐	0.500					
3	☐	5.000	3.776	29918.32	0.0031	P	3.4
4	☐	50.000	48.271	376100.40	0.0391	P	0.8
5	☐	125.000	124.628	951639.50	0.1010	P	0.1
6	☐	250.000	249.354	1917498.30	0.2021	P	1.1
7	☐	500.000	500.536	3817218.49	0.4057	P	0.9
8	☐	1000.000	1000.033	7588437.93	0.8105	A	0.5
9	☐			39915.35	0.0045	P	7.1

$$y = 8.1043\text{E-}004 * x + 2.0368\text{E-}005$$

$$R = 1.0000$$

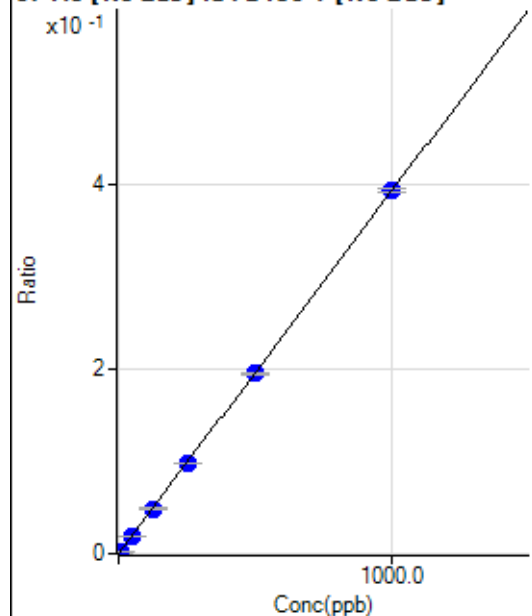
$$DL = 0.0278$$

$$BEC = 0.02513$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.90	0.0000	P	41.8
2	☐	0.500					
3	☐	5.000	4.475	17149.80	0.0018	P	1.4
4	☐	50.000	48.198	181605.74	0.0189	P	0.8
5	☐	125.000	124.668	460329.67	0.0489	P	0.4
6	☐	250.000	248.694	924789.12	0.0975	P	0.8
7	☐	500.000	498.431	1838062.70	0.1953	P	0.9
8	☐	1000.000	1001.245	3673789.19	0.3924	P	1.2
9	☐			19197.08	0.0021	P	10.1

$$y = 3.9188\text{E-}004 * x + 1.1769\text{E-}005$$

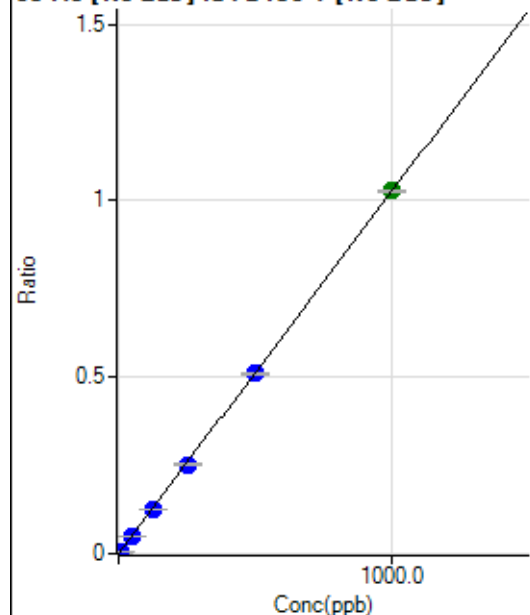
$$R = 1.0000$$

$$DL = 0.03769$$

$$BEC = 0.03003$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0000	P	19.8
2	☐	0.500					
3	☐	5.000	4.356	43578.92	0.0045	P	2.7
4	☐	50.000	47.632	469505.61	0.0489	P	0.5
5	☐	125.000	123.445	1192573.50	0.1266	P	0.4
6	☐	250.000	246.580	2399087.84	0.2529	P	1.1
7	☐	500.000	498.087	4806138.95	0.5108	P	0.6
8	☐	1000.000	1002.127	9621392.66	1.0276	A	0.4
9	☐			50228.93	0.0056	P	10.0

$$y = 0.0010 * x + 1.9507E-005$$

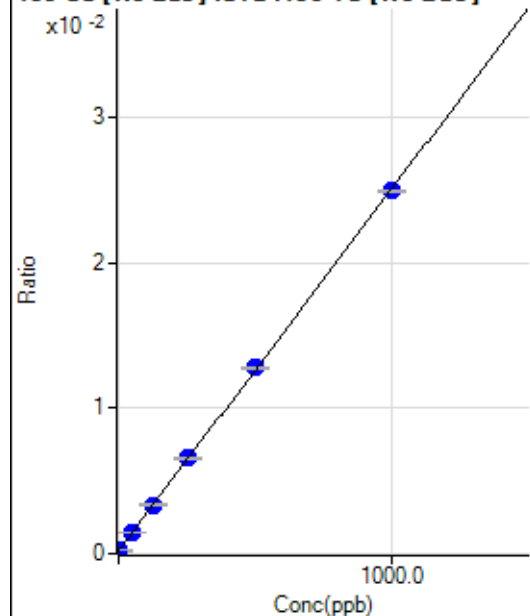
$$R = 1.0000$$

$$DL = 0.01132$$

$$BEC = 0.01902$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2200.26	0.0002	P	8.4
2	☐	0.100					
3	☐	1.000	1.340	2564.24	0.0002	P	3.9
4	☐	50.000	50.845	16463.02	0.0015	P	1.5
5	☐	125.000	127.641	37907.28	0.0034	P	1.9
6	☐	250.000	256.178	73733.65	0.0066	P	1.5
7	☐	500.000	505.865	142144.99	0.0128	P	1.1
8	☐	1000.000	995.150	278140.33	0.0250	P	0.8
9	☐			1944.67	0.0002	P	9.3

$$y = 2.4883E-005 * x + 1.9324E-004$$

$$R = 1.0000$$

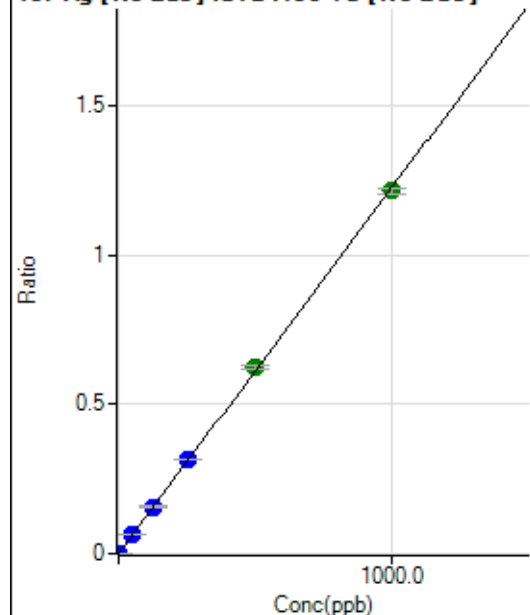
$$DL = 1.964$$

$$BEC = 7.766$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	34.6
2	☐	0.100					
3	☐	1.000	1.264	17592.13	0.0016	P	4.3
4	☐	50.000	51.818	716269.53	0.0635	P	1.0
5	☐	125.000	128.844	1774995.20	0.1578	P	0.3
6	☐	250.000	258.565	3554315.49	0.3166	P	0.6
7	☐	500.000	509.593	6939493.56	0.6240	A	1.3
8	☐	1000.000	992.490	13543593.19	1.2152	A	1.2
9	☐			1477.92	0.0001	P	4.8

$$y = 0.0012 * x + 6.8340E-006$$

$$R = 0.9999$$

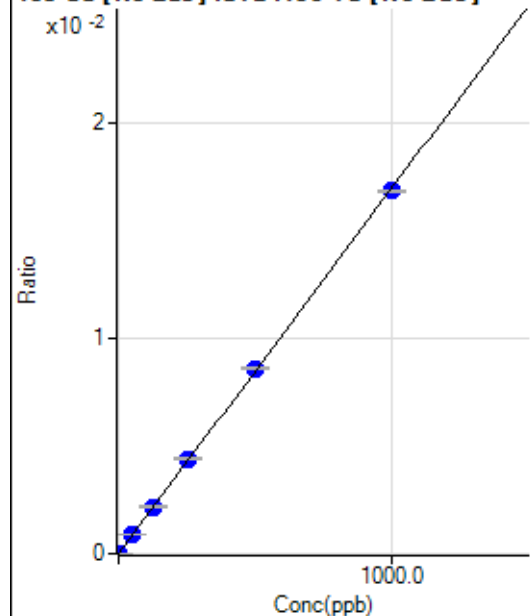
$$DL = 0.005798$$

$$BEC = 0.005582$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.34	0.0000	P	86.7
2	☐	0.100					
3	☐	1.000	1.030	205.56	0.0000	P	9.1
4	☐	50.000	51.422	9830.02	0.0009	P	2.8
5	☐	125.000	128.502	24472.76	0.0022	P	1.2
6	☐	250.000	258.920	49196.46	0.0044	P	1.9
7	☐	500.000	507.062	95439.44	0.0086	P	0.6
8	☐	1000.000	993.730	187420.28	0.0168	P	0.7
9	☐			38.89	0.0000	P	6.0

$$y = 1.6922E-005 * x + 7.3277E-007$$

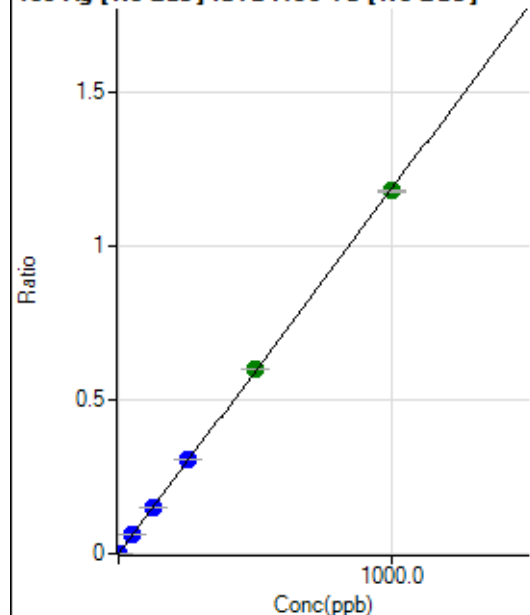
$$R = 0.9999$$

$$DL = 0.1127$$

$$BEC = 0.0433$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.9
2	☐	0.100					
3	☐	1.000	1.230	16490.83	0.0015	P	3.3
4	☐	50.000	51.410	686489.64	0.0608	P	1.1
5	☐	125.000	128.477	1709894.96	0.1520	P	0.6
6	☐	250.000	257.404	3418412.97	0.3045	P	0.4
7	☐	500.000	505.631	6652338.30	0.5981	A	0.1
8	☐	1000.000	994.828	13115661.14	1.1768	A	0.7
9	☐			1425.13	0.0001	P	12.7

$$y = 0.0012 * x + 1.7082E-006$$

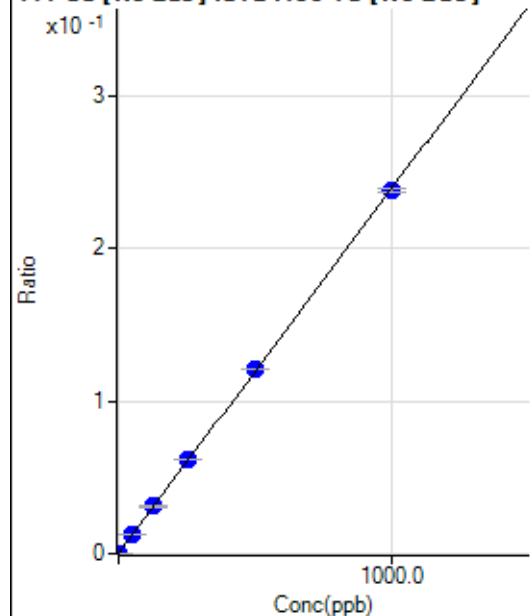
$$R = 0.9999$$

$$DL = 0.001078$$

$$BEC = 0.001444$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1559.34	0.0001	P	7.8
2	☐	0.100					
3	☐	1.000	0.985	4213.86	0.0004	P	3.7
4	☐	50.000	51.563	140644.26	0.0125	P	0.6
5	☐	125.000	128.868	348021.18	0.0309	P	1.6
6	☐	250.000	257.513	692420.33	0.0617	P	0.7
7	☐	500.000	506.680	1348236.83	0.1212	P	0.2
8	☐	1000.000	994.220	2649558.11	0.2377	P	1.1
9	☐			1717.39	0.0002	P	8.3

$$y = 2.3898E-004 * x + 1.3695E-004$$

$$R = 0.9999$$

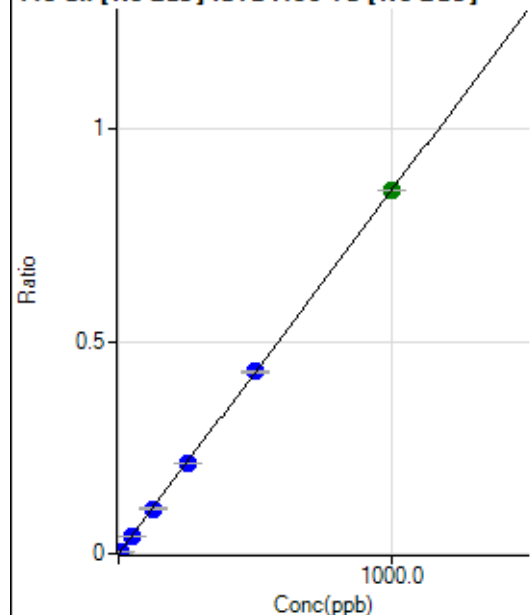
$$DL = 0.1334$$

$$BEC = 0.5731$$

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	961.19	0.0001	P	14.1
2	☐	0.500					
3	☐	5.000	4.594	45421.55	0.0040	P	1.4
4	☐	50.000	49.239	476209.77	0.0422	P	0.7
5	☐	125.000	123.982	1193650.76	0.1061	P	0.7
6	☐	250.000	251.081	2411159.93	0.2148	P	0.4
7	☐	500.000	500.924	4764724.85	0.4284	P	0.6
8	☐	1000.000	999.435	9525418.53	0.8546	A	0.0
9	☐			12764.60	0.0012	P	9.4

$$y = 8.5504\text{E-}004 * x + 8.4432\text{E-}005$$

$$R = 1.0000$$

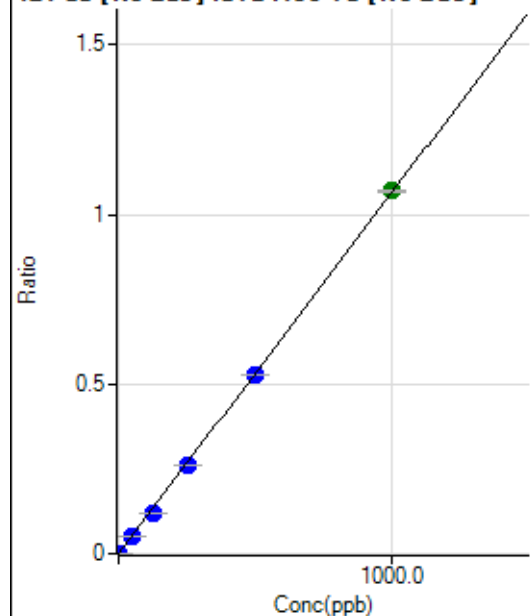
$$DL = 0.04187$$

$$BEC = 0.09875$$

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	47.23	0.0000	P	26.9
2	☐	0.200					
3	☐	2.000	1.819	21945.70	0.0019	P	3.3
4	☐	50.000	45.725	549217.39	0.0487	P	1.5
5	☐	125.000	114.468	1370254.69	0.1218	P	0.0
6	☐	250.000	243.388	2907194.18	0.2590	P	0.3
7	☐	500.000	495.658	5865171.01	0.5273	P	0.7
8	☐	1000.000	1005.355	11921436.64	1.0696	A	0.5
9	☐			60829.96	0.0058	P	4.9

$$y = 0.0011 * x + 4.1471\text{E-}006$$

$$R = 0.9999$$

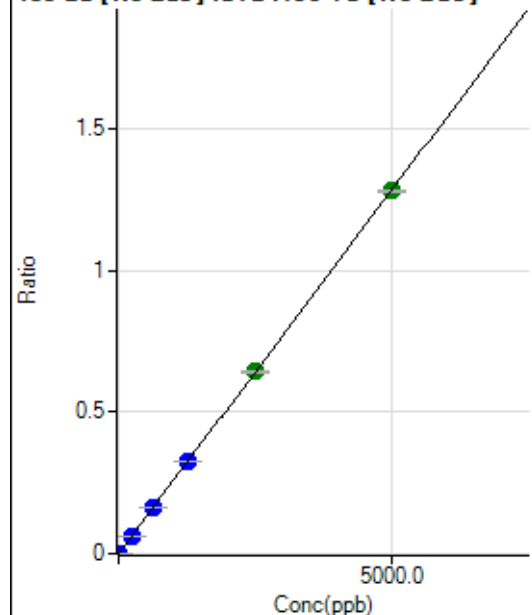
$$DL = 0.00315$$

$$BEC = 0.003898$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	68.8
2	☐	1.000					
3	☐	10.000	9.269	26968.74	0.0024	P	1.5
4	☐	250.000	249.009	720233.78	0.0638	P	1.3
5	☐	625.000	625.345	1802649.95	0.1602	P	0.3
6	☐	1250.000	1269.040	3650261.06	0.3251	P	0.5
7	☐	2500.000	2504.094	7135414.66	0.6416	A	0.7
8	☐	5000.000	4993.201	14258102.06	1.2793	A	0.2
9	☐			4851.11	0.0005	P	3.0

$$y = 2.5620\text{E-}004 * x + 7.7966\text{E-}006$$

$$R = 1.0000$$

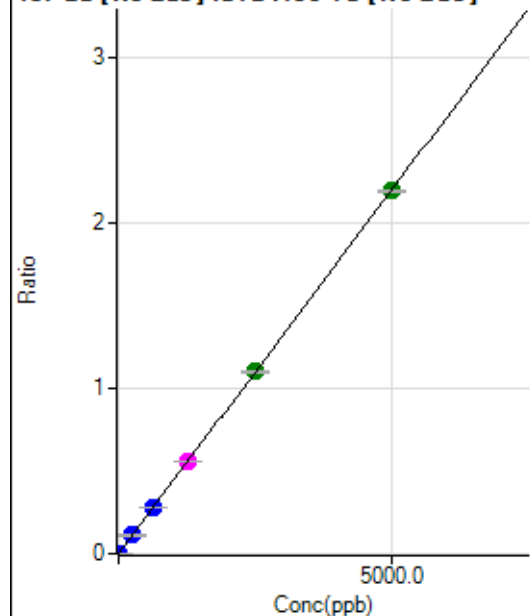
$$DL = 0.06282$$

$$BEC = 0.03043$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	28.6
2	☐	1.000					
3	☐	10.000	9.449	47211.67	0.0042	P	2.9
4	☐	250.000	251.474	1249582.41	0.1107	P	0.8
5	☐	625.000	634.136	3140382.91	0.2791	P	0.5
6	☐	1250.000	1272.627	6288596.80	0.5601	M	1.1
7	☐	2500.000	2503.323	12254626.66	1.1018	A	0.6
8	☐	5000.000	4991.467	24485537.87	2.1970	A	0.8
9	☐			8422.35	0.0008	P	4.1

$$y = 4.4014\text{E-}004 * x + 1.2689\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.02474$$

$$BEC = 0.02883$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

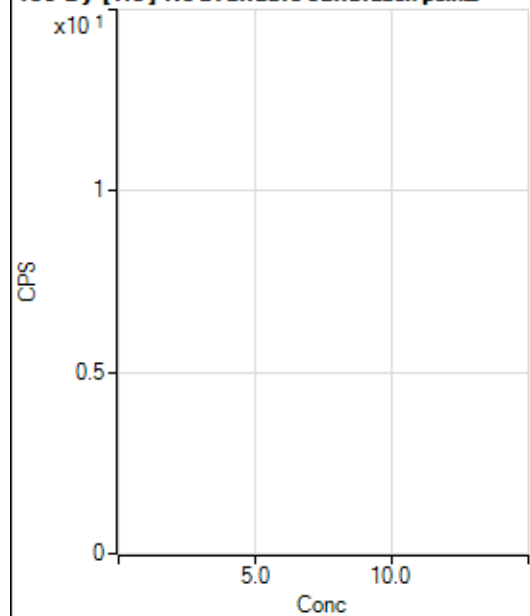
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	173.
4	☐			35.56		P	54.1
5	☐			75.56		P	5.1
6	☐			144.45		P	20.8
7	☐			228.90		P	11.0
8	☐			415.58		P	17.6
9	☐			144.45		P	14.8

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			4.44		P	114.
5	☐			7.78		P	49.5
6	☐			15.55		P	44.6
7	☐			35.55		P	19.5
8	☐			65.56		P	12.8
9	☐			68.89		P	36.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐						
3	☐			11.11		P	43.3
4	☐			19.45		P	24.7
5	☐			36.11		P	35.2
6	☐			52.78		P	77.9
7	☐			97.23		P	17.8
8	☐			150.01		P	11.1
9	☐			155.57		P	25.3

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			3.33		P	100.
4	☐			5.55		P	124.
5	☐			10.00		P	0.0
6	☐			11.11		P	69.3
7	☐			27.78		P	6.9
8	☐			37.78		P	13.5
9	☐			82.23		P	11.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	32.7
2	☐						
3	☐			33.34		P	25.0
4	☐			47.22		P	27.0
5	☐			61.11		P	43.8
6	☐			63.89		P	27.2
7	☐			94.45		P	36.7
8	☐			100.01		P	38.2
9	☐			130.56		P	28.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	8.7
2	☐						
3	☐			31.11		P	22.3
4	☐			28.89		P	17.6
5	☐			36.67		P	18.2
6	☐			36.67		P	36.4
7	☐			56.67		P	11.8
8	☐			56.67		P	30.6
9	☐			112.23		P	17.9

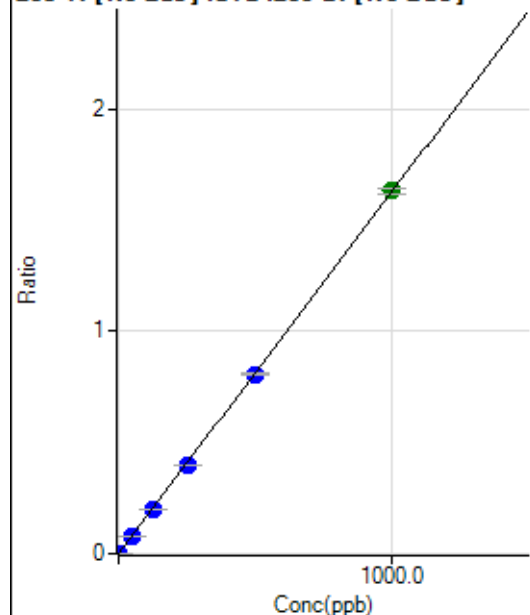
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	35.3
2	☐						
3	☐			61.11		P	43.8
4	☐			50.00		P	44.1
5	☐			47.23		P	71.3
6	☐			58.33		P	37.8
7	☐			52.78		P	9.1
8	☐			50.00		P	16.7
9	☐			66.67		P	43.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	20.0
2	☐						
3	☐			24.44		P	20.8
4	☐			21.11		P	32.9
5	☐			27.78		P	6.9
6	☐			17.78		P	28.6
7	☐			37.78		P	39.8
8	☐			24.44		P	34.3
9	☐			63.33		P	19.0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	35.2
2	☐	0.100					
3	☐	1.000	0.894	9765.11	0.0015	P	0.9
4	☐	50.000	47.875	518536.96	0.0779	P	0.7
5	☐	125.000	120.436	1298317.15	0.1958	P	0.2
6	☐	250.000	244.411	2637175.30	0.3974	P	0.1
7	☐	500.000	496.843	5242200.72	0.8078	P	0.4
8	☐	1000.000	1003.653	10343528.70	1.6319	A	1.3
9	☐			2664.27	0.0005	P	4.1

$$y = 0.0016 * x + 1.9481E-005$$

$$R = 1.0000$$

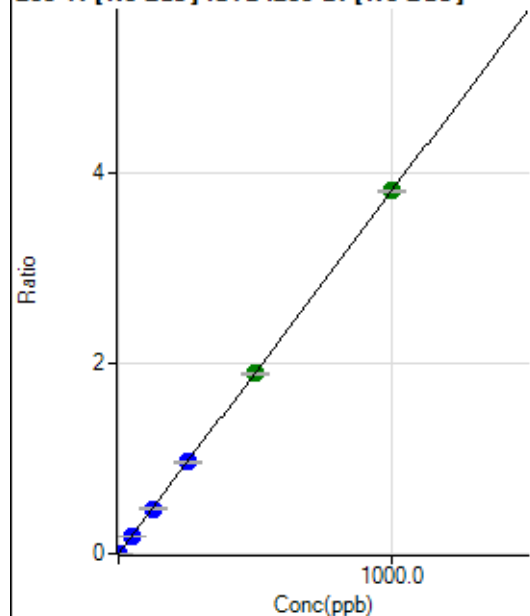
$$DL = 0.01265$$

$$BEC = 0.01198$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	294.46	0.0000	P	21.0
2	☐	0.100					
3	☐	1.000	0.936	23905.61	0.0036	P	1.7
4	☐	50.000	49.151	1247198.97	0.1873	P	0.0
5	☐	125.000	124.614	3147082.97	0.4747	P	0.5
6	☐	250.000	252.157	6373900.14	0.9605	P	0.3
7	☐	500.000	496.333	12268231.78	1.8906	A	0.2
8	☐	1000.000	1001.385	24178191.68	3.8144	A	0.4
9	☐			6752.00	0.0012	P	9.4

$$y = 0.0038 * x + 4.3921E-005$$

$$R = 1.0000$$

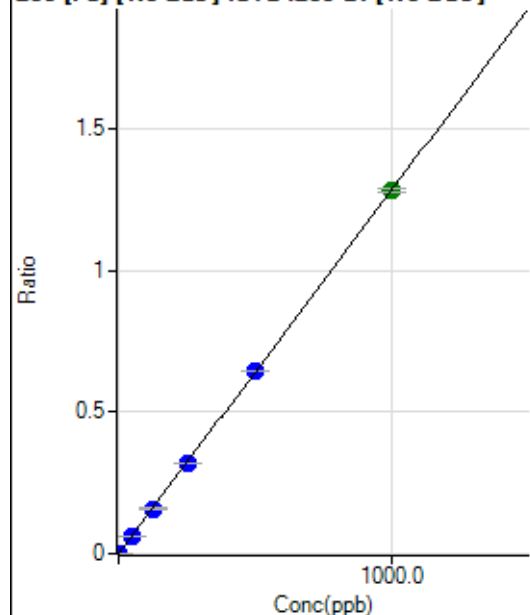
$$DL = 0.007258$$

$$BEC = 0.01153$$

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	792.64	0.0001	P	2.4
2	☐	0.100					
3	☐	1.000	0.919	8595.62	0.0013	P	2.0
4	☐	50.000	49.002	419613.09	0.0630	P	0.1
5	☐	125.000	124.197	1057466.84	0.1595	P	0.4
6	☐	250.000	249.213	2123157.81	0.3199	P	0.3
7	☐	500.000	503.643	4194942.10	0.6465	P	0.1
8	☐	1000.000	998.526	8123268.99	1.2816	A	1.2
9	☐			16440.24	0.0029	P	2.9

$$y = 0.0013 * x + 1.1827E-004$$

$$R = 1.0000$$

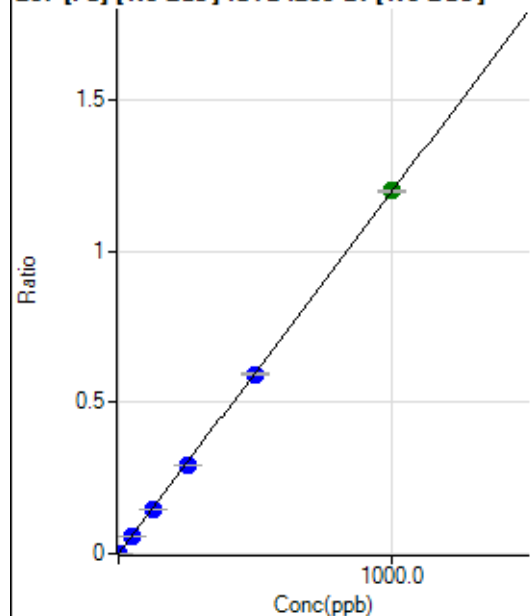
$$DL = 0.006553$$

$$BEC = 0.09215$$

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	785.24	0.0001	P	9.9
2	☐	0.100					
3	☐	1.000	0.913	8000.76	0.0012	P	2.6
4	☐	50.000	48.721	388150.32	0.0583	P	0.1
5	☐	125.000	122.535	970550.75	0.1464	P	1.0
6	☐	250.000	246.935	1957003.49	0.2949	P	0.1
7	☐	500.000	495.547	3839512.67	0.5917	P	0.8
8	☐	1000.000	1003.365	7593551.10	1.1979	A	0.4
9	☐			14322.90	0.0026	P	3.2

$$y = 0.0012 * x + 1.1718E-004$$

$$R = 1.0000$$

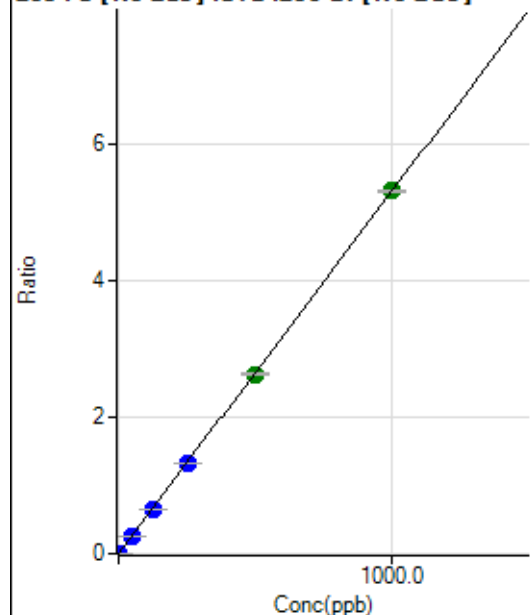
$$DL = 0.0293$$

$$BEC = 0.09816$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3348.42	0.0005	P	3.0
2	☐	0.100					
3	☐	1.000	0.920	35584.38	0.0054	P	0.1
4	☐	50.000	48.904	1727374.04	0.2594	P	0.2
5	☐	125.000	123.495	4337040.44	0.6542	P	0.3
6	☐	250.000	248.616	8736306.14	1.3165	P	0.2
7	☐	500.000	496.218	17047342.01	2.6271	A	0.7
8	☐	1000.000	1002.480	33639492.02	5.3070	A	0.4
9	☐			65583.37	0.0117	P	3.4

$$y = 0.0053 * x + 4.9962E-004$$

$$R = 1.0000$$

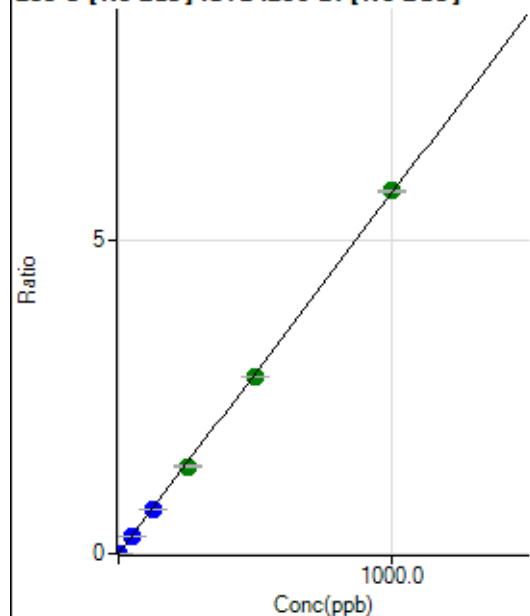
$$DL = 0.008374$$

$$BEC = 0.09439$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	508.37	0.0001	P	2.7
2	☐	0.100					
3	☐	1.000	0.933	36053.97	0.0054	P	0.6
4	☐	50.000	47.190	1807661.02	0.2714	P	1.1
5	☐	125.000	121.109	4617191.86	0.6964	P	0.3
6	☐	250.000	242.152	9239677.03	1.3924	A	1.0
7	☐	500.000	491.484	18338700.93	2.8261	A	0.3
8	☐	1000.000	1006.847	36697268.18	5.7894	A	0.4
9	☐			8038.94	0.0014	P	2.6

$$y = 0.0057 * x + 7.5852E-005$$

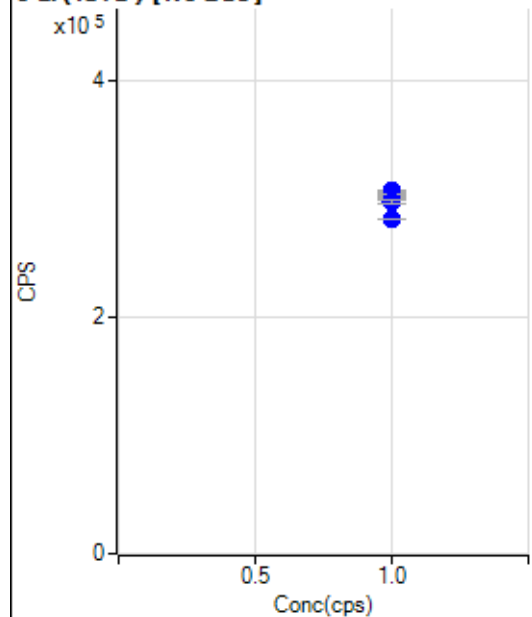
$$R = 0.9999$$

$$DL = 0.001072$$

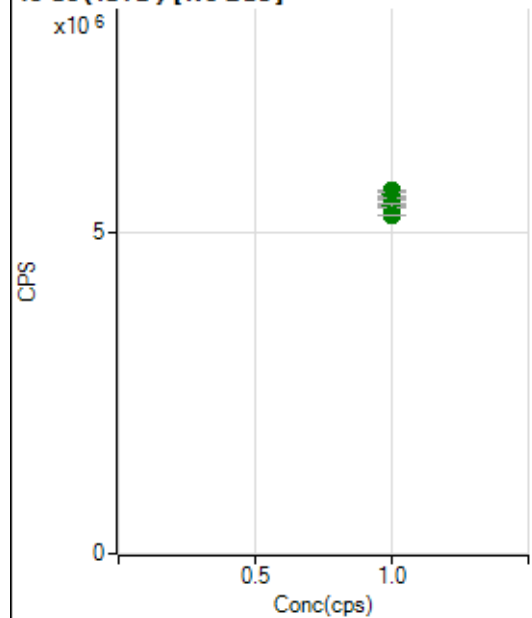
$$BEC = 0.01319$$

Weight: <None>

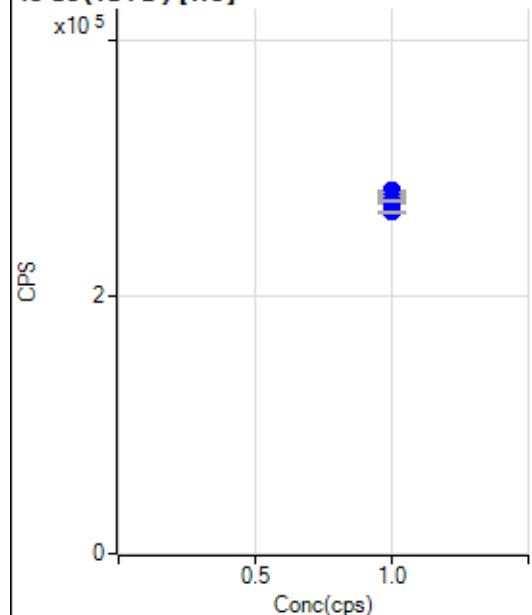
Min Conc: 0

6 Li (ISTD) [No Gas]

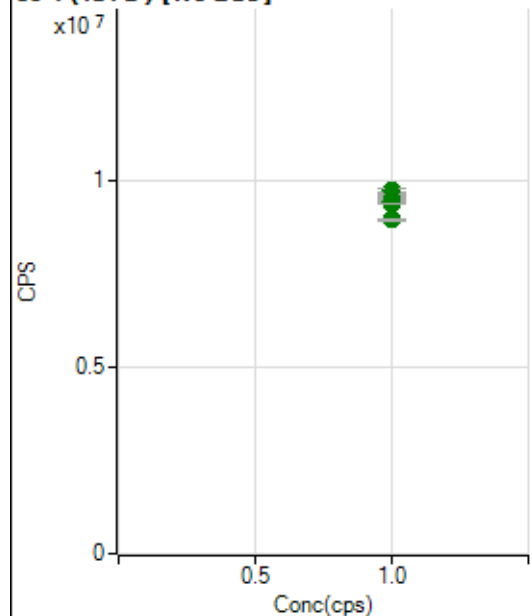
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		299678.54		P	0.5
2	☐	1.000					
3	☐	1.000		304227.04		P	1.1
4	☐	1.000		303074.43		P	0.4
5	☐	1.000		306336.33		P	0.6
6	☐	1.000		306014.90		P	0.4
7	☐	1.000		303969.35		P	0.2
8	☐	1.000		296999.81		P	1.3
9	☐	1.000		282158.55		P	0.1

45 Sc (ISTD) [No Gas]

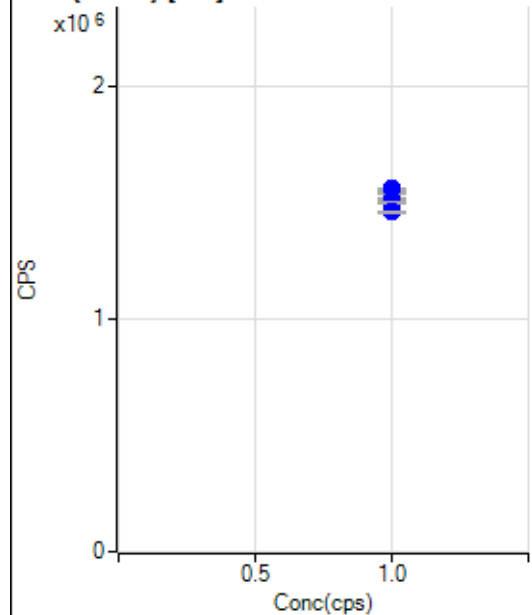
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5642397.05		A	0.5
2	☐	1.000					
3	☐	1.000		5629115.58		A	0.6
4	☐	1.000		5595495.35		A	1.1
5	☐	1.000		5519600.08		A	0.3
6	☐	1.000		5533638.54		A	0.5
7	☐	1.000		5426569.05		A	0.3
8	☐	1.000		5413688.88		A	0.7
9	☐	1.000		5266745.52		A	0.3

45 Sc (ISTD) [He]

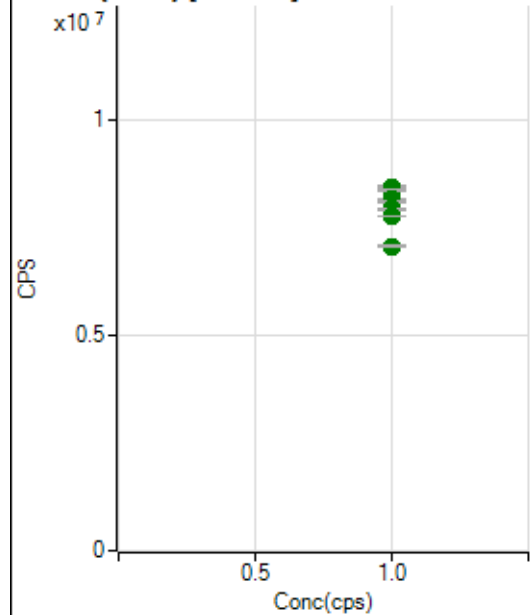
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		282607.95		P	0.5
2	☐	1.000					
3	☐	1.000		280655.37		P	0.4
4	☐	1.000		277765.51		P	0.2
5	☐	1.000		273437.17		P	0.6
6	☐	1.000		273537.15		P	0.1
7	☐	1.000		272601.29		P	0.5
8	☐	1.000		274339.94		P	0.6
9	☐	1.000		265999.01		P	0.5

89 Y (ISTD) [No Gas]

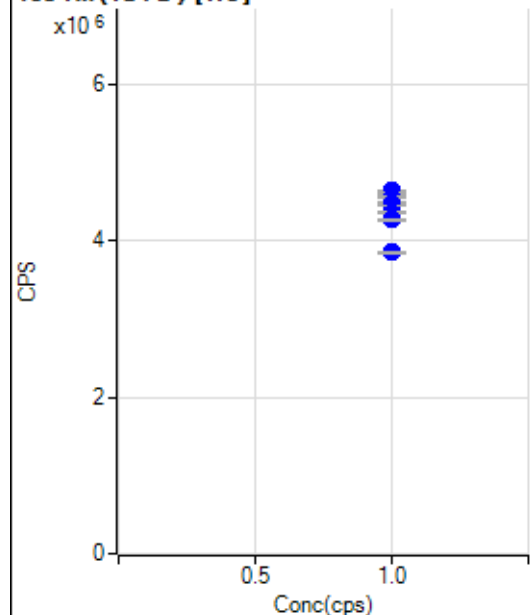
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9683075.20		A	0.2
2	☐	1.000					
3	☐	1.000		9715676.59		A	1.1
4	☐	1.000		9609114.02		A	0.4
5	☐	1.000		9420101.46		A	0.7
6	☐	1.000		9488460.90		A	1.2
7	☐	1.000		9410141.74		A	0.9
8	☐	1.000		9362989.10		A	0.3
9	☐	1.000		8943903.96		A	0.7

89 Y(ISTD) [He]

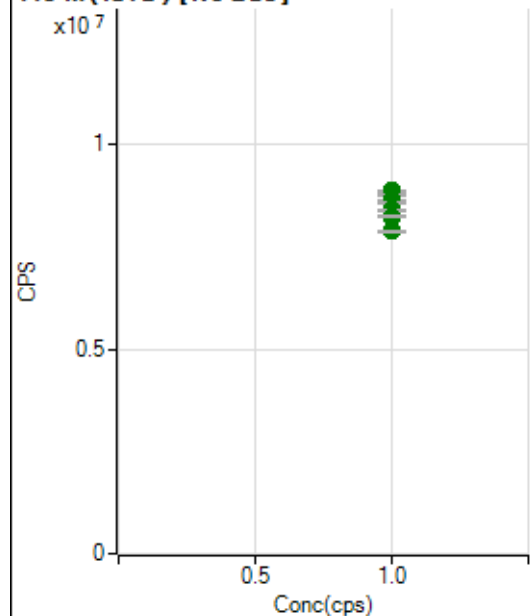
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1561502.55		P	0.5
2	☐	1.000					
3	☐	1.000		1552865.67		P	0.6
4	☐	1.000		1540406.37		P	0.3
5	☐	1.000		1518062.86		P	0.3
6	☐	1.000		1517275.10		P	0.1
7	☐	1.000		1506374.82		P	0.6
8	☐	1.000		1501253.21		P	0.4
9	☐	1.000		1461179.67		P	1.0

103 Rh(ISTD) [No Gas]

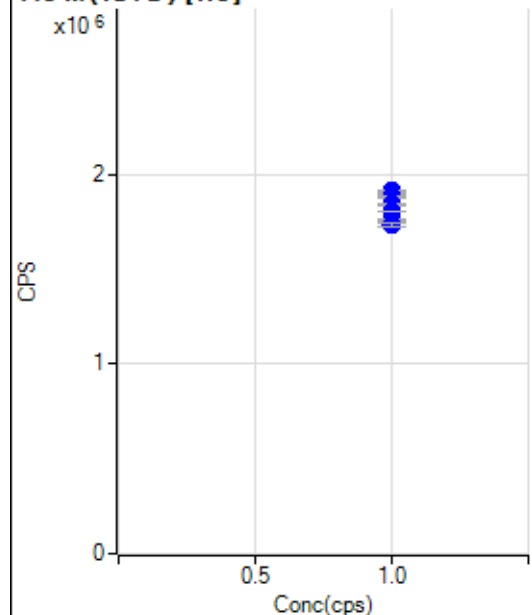
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8415355.74		A	0.9
2	☐	1.000					
3	☐	1.000		8408503.05		A	1.0
4	☐	1.000		8370109.73		A	0.7
5	☐	1.000		8159369.54		A	0.3
6	☐	1.000		8093533.43		A	0.4
7	☐	1.000		7917717.97		A	0.4
8	☐	1.000		7750447.92		A	0.3
9	☐	1.000		7069759.79		A	0.6

103 Rh (ISTD) [He]

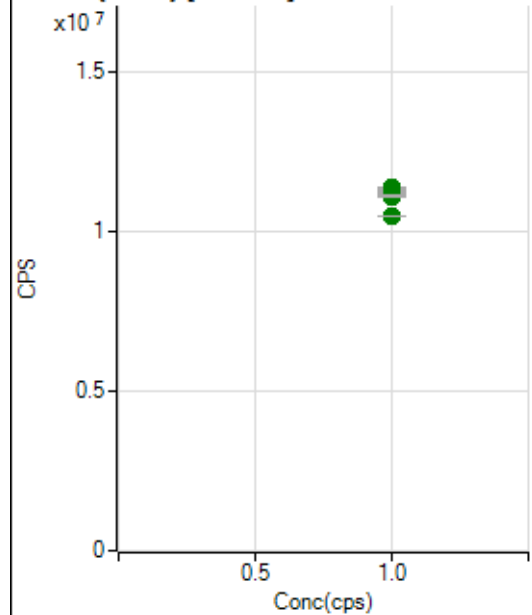
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4634755.17		P	0.3
2	☐	1.000					
3	☐	1.000		4598047.26		P	0.6
4	☐	1.000		4555659.20		P	0.2
5	☐	1.000		4482573.93		P	0.3
6	☐	1.000		4441446.70		P	0.3
7	☐	1.000		4359853.44		P	0.6
8	☐	1.000		4269225.87		P	0.4
9	☐	1.000		3852358.34		P	0.5

115 In (ISTD) [No Gas]

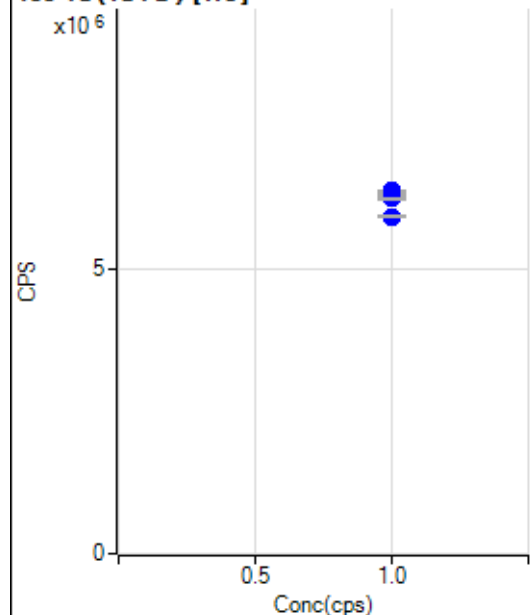
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8869094.76		A	0.5
2	☐	1.000					
3	☐	1.000		8793470.81		A	0.4
4	☐	1.000		8777987.07		A	0.7
5	☐	1.000		8627570.74		A	0.4
6	☐	1.000		8577211.20		A	0.4
7	☐	1.000		8393074.23		A	0.7
8	☐	1.000		8245066.89		A	0.4
9	☐	1.000		7884174.98		A	0.3

115 In (ISTD) [He]

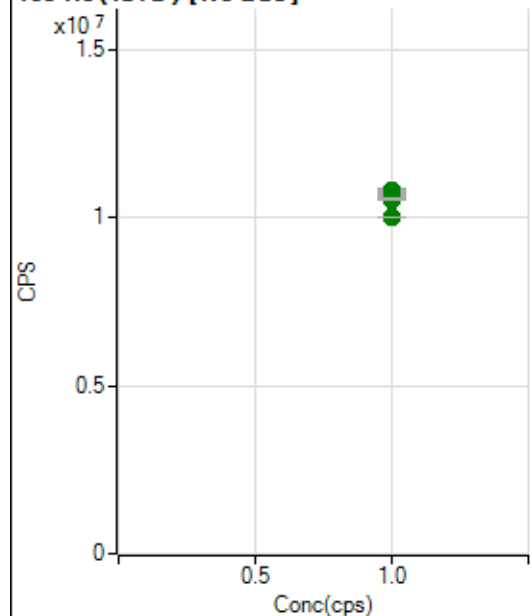
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1914344.32		P	0.2
2	☐	1.000					
3	☐	1.000		1890973.08		P	0.3
4	☐	1.000		1881983.72		P	0.5
5	☐	1.000		1844454.89		P	0.4
6	☐	1.000		1838496.39		P	0.6
7	☐	1.000		1805975.65		P	0.4
8	☐	1.000		1759591.08		P	0.5
9	☐	1.000		1736691.54		P	1.2

159 Tb (ISTD) [No Gas]

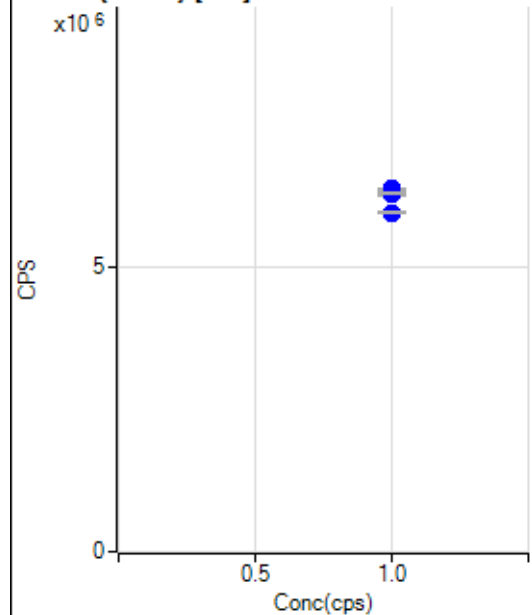
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11386670.39		A	0.3
2	☐	1.000					
3	☐	1.000		11319299.97		A	0.9
4	☐	1.000		11288743.30		A	0.7
5	☐	1.000		11250983.17		A	0.2
6	☐	1.000		11226772.75		A	0.2
7	☐	1.000		11122147.89		A	0.4
8	☐	1.000		11145475.39		A	0.6
9	☐	1.000		10499161.44		A	0.3

159 Tb (ISTD) [He]

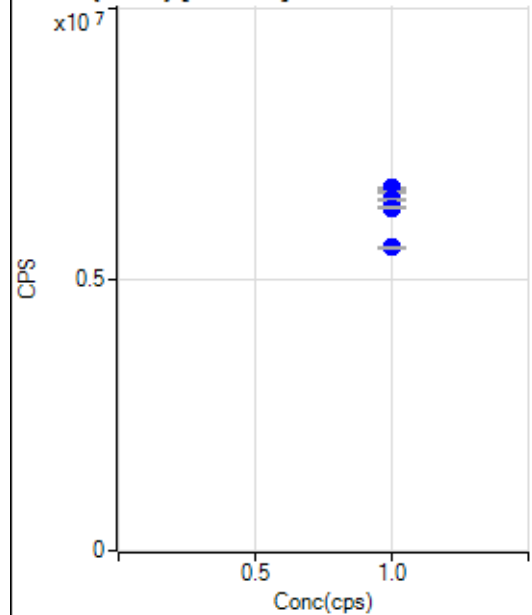
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6356626.50		M	0.9
2	☐	1.000					
3	☐	1.000		6333337.26		P	0.6
4	☐	1.000		6381289.14		P	0.2
5	☐	1.000		6294478.86		P	0.5
6	☐	1.000		6326013.31		P	0.2
7	☐	1.000		6295658.03		P	0.2
8	☐	1.000		6242540.47		P	0.3
9	☐	1.000		5930690.74		P	0.7

165 Ho (ISTD) [No Gas]

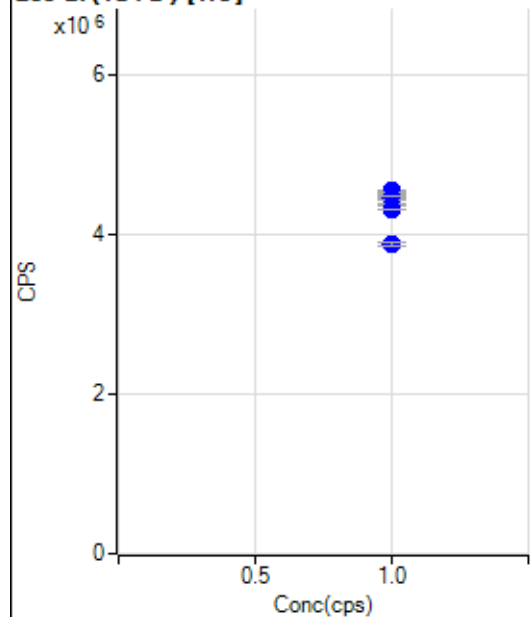
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10782237.57		A	1.0
2	☐	1.000					
3	☐	1.000		10698785.22		A	0.1
4	☐	1.000		10771847.64		A	0.9
5	☐	1.000		10664574.89		A	0.6
6	☐	1.000		10645910.05		A	0.7
7	☐	1.000		10560146.51		A	0.2
8	☐	1.000		10536870.11		A	0.8
9	☐	1.000		9997761.42		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6357710.05		P	0.3
2	☐	1.000					
3	☐	1.000		6324595.39		P	0.9
4	☐	1.000		6345522.82		P	0.6
5	☐	1.000		6271529.70		P	0.6
6	☐	1.000		6309985.39		P	0.5
7	☐	1.000		6260830.32		P	0.6
8	☐	1.000		6285954.91		P	0.2
9	☐	1.000		5940902.20		P	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6701934.06		P	0.3
2	☐	1.000					
3	☐	1.000		6625826.50		P	0.1
4	☐	1.000		6660067.26		P	0.4
5	☐	1.000		6629579.97		P	0.4
6	☐	1.000		6635924.27		P	0.7
7	☐	1.000		6489063.72		P	0.5
8	☐	1.000		6338766.85		P	0.6
9	☐	1.000		5604568.95		P	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4542820.66		P	0.2
2	☐	1.000					
3	☐	1.000		4518748.23		P	0.7
4	☐	1.000		4527516.32		P	0.3
5	☐	1.000		4451621.63		P	0.6
6	☐	1.000		4455175.73		P	0.6
7	☐	1.000		4362436.12		P	0.7
8	☐	1.000		4308225.66		P	0.4
9	☐	1.000		3868613.14		P	1.2