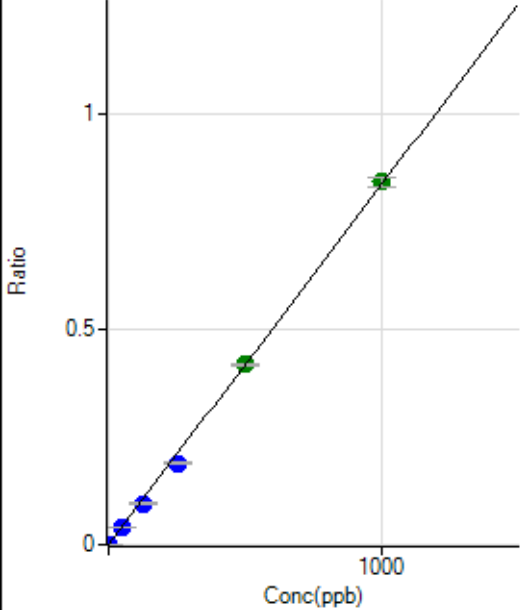


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7111724 MS.b\
 Analysis File: P7111724 MS.batch.bin
 DA Date-Time: 2024-11-18 10:07:58
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-11-18 04:31:53
2	006CALS.d	S02	2024-11-18 04:38:22
3	007CALS.d	S03	2024-11-18 04:41:36
4	008CALS.d	S04	2024-11-18 04:44:28
5	009CALS.d	S05	2024-11-18 04:47:12
6	010CALS.d	S06	2024-11-18 04:49:58
7	011CALS.d	S07	2024-11-18 04:52:42
8	012CALS.d	S08	2024-11-18 04:55:28

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	13.
2	☐	1.000	1.010	2922.55	0.0009	P	9.2
3	☐	50.000	47.755	138178.71	0.0399	P	0.7
4	☐	125.000	114.365	337217.90	0.0955	P	5.3
5	☐	250.000	226.665	653714.75	0.1893	P	4.3
6	☐	500.000	499.362	1391738.21	0.4171	A	1.4
7	☐	1000.000	1007.594	2568275.81	0.8416	A	2.8
8	☐			466.68	0.0002	P	26.

$y = 8.3521E-004 * x + 1.5119E-005$

$R = 0.9997$

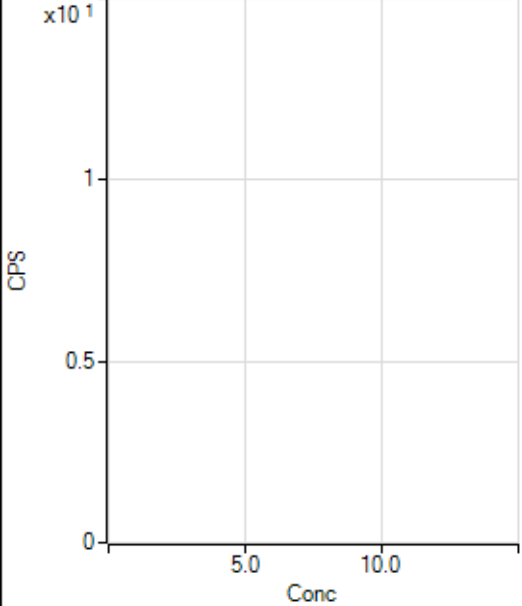
$DL = 0.007302$

$BEC = 0.0181$

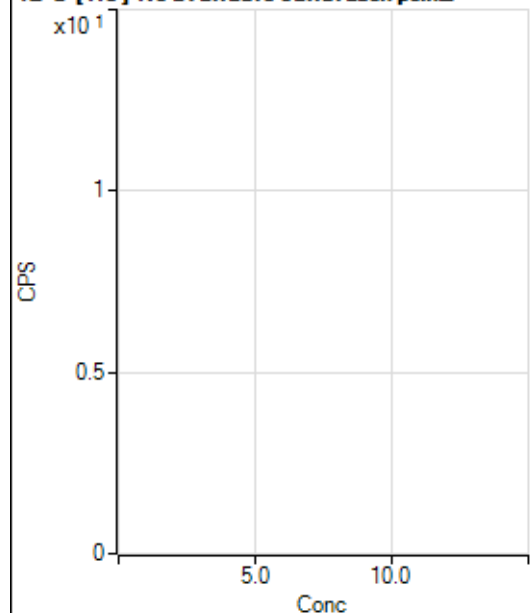
Weight: <None>

Min Conc: 0

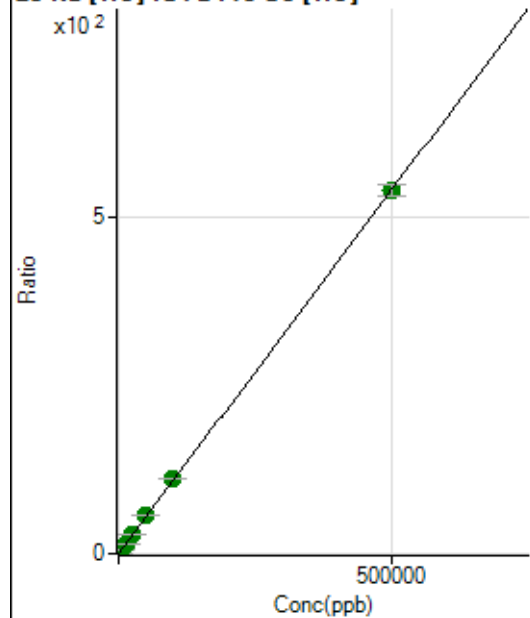
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37550.16	0.0265	P	1.0
2	☐	500.000	473.149	766897.66	0.5376	P	4.1
3	☐	5000.000	5412.149	8132767.52	5.8729	A	0.5
4	☐	12500.000	13562.832	19604884.15	14.6777	A	0.8
5	☐	25000.000	27315.333	38858518.59	29.5338	A	1.5
6	☐	50000.000	53542.137	75967562.20	57.8652	A	0.2
7	☐	100000.00	102647.78	148283637.79	110.9115	A	0.9
8	☐	500000.00	498969.79	696557438.51	539.0372	A	3.0

$$y = 0.0011 * x + 0.0265$$

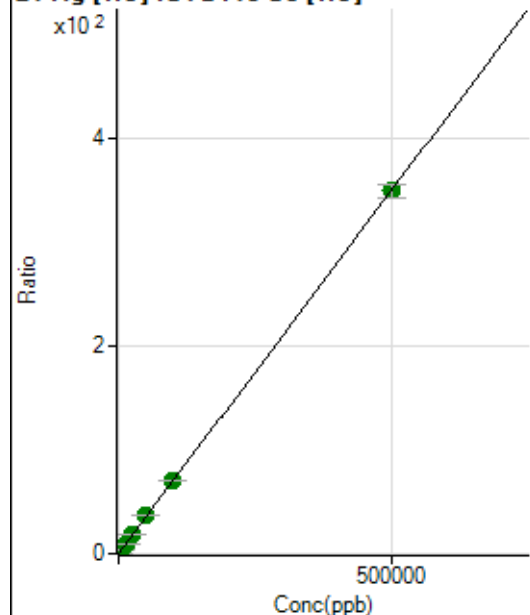
$$R = 1.0000$$

$$DL = 0.7311$$

$$BEC = 24.52$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1105.60	0.0008	P	2.0
2	☐	500.000	478.404	479016.54	0.3358	P	4.1
3	☐	5000.000	5356.265	5195214.61	3.7516	A	0.2
4	☐	12500.000	13424.283	12556872.59	9.4014	A	2.1
5	☐	25000.000	26950.093	24830548.24	18.8732	A	1.6
6	☐	50000.000	52498.468	48255923.17	36.7640	A	1.7
7	☐	100000.00	101036.51	94593727.48	70.7538	A	1.0
8	☐	500000.00	499418.69	451865762.15	349.7296	A	3.8

$$y = 7.0027\text{E-}004 * x + 7.7978\text{E-}004$$

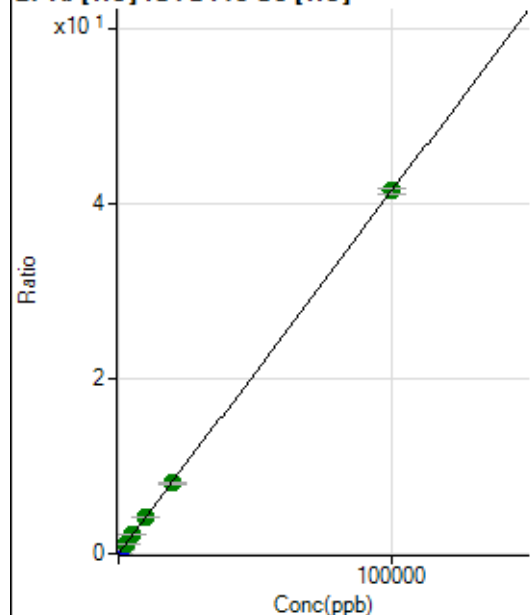
$$R = 1.0000$$

$$DL = 0.06666$$

$$BEC = 1.114$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	484.46	0.0003	P	15.
2	☐	20.000	18.078	11169.69	0.0078	P	4.8
3	☐	1000.000	992.031	569606.99	0.4113	P	0.2
4	☐	2500.000	2637.540	1459928.66	1.0930	A	3.2
5	☐	5000.000	5228.971	2850701.31	2.1666	A	1.7
6	☐	10000.000	10015.761	5446718.74	4.1498	A	2.1
7	☐	20000.000	19434.289	10764887.90	8.0517	A	1.1
8	☐	100000.00	100096.75	53607145.87	41.4693	A	1.2

$$y = 4.1429\text{E-}004 * x + 3.4185\text{E-}004$$

$$R = 1.0000$$

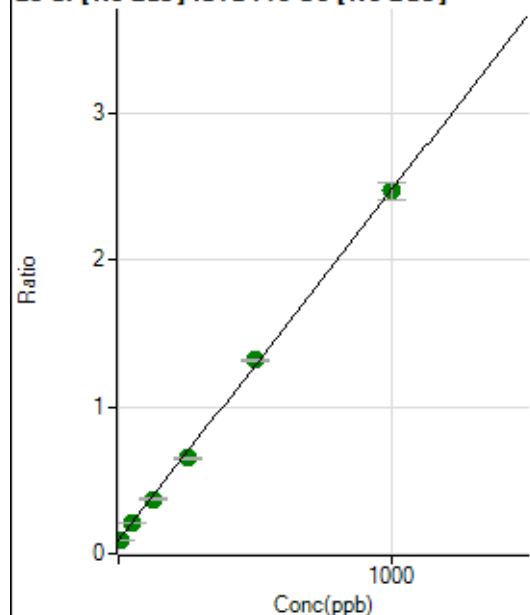
$$DL = 0.3876$$

$$BEC = 0.8252$$

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	1546319.53	0.0912	A	0.8
2	☐	10.000	1.443	1591449.66	0.0947	A	1.7
3	☐	50.000	51.824	3568625.29	0.2147	A	0.5
4	☐	125.000	117.141	6096745.67	0.3703	A	4.6
5	☐	250.000	233.866	10328371.51	0.6483	A	3.0
6	☐	500.000	514.837	20146464.70	1.3176	A	0.5
7	☐	1000.000	997.592	36118904.74	2.4675	A	4.7
8	☐			1367816.04	0.0921	A	0.9

$$y = 0.0024 * x + 0.0912$$

$$R = 0.9997$$

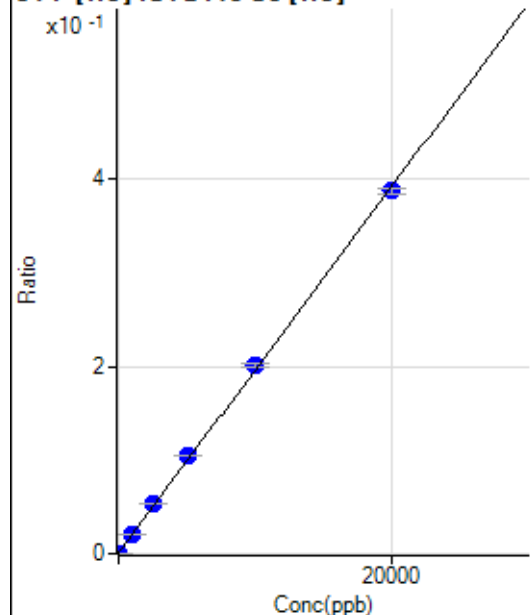
$$DL = 0.8663$$

$$BEC = 38.3$$

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	-15.215	510.01	0.0004	P	5.2
2	☐	0.000	15.215	1362.30	0.0010	P	3.6
3	☐	1000.000	1056.831	29522.98	0.0213	P	1.9
4	☐	2500.000	2722.645	71982.59	0.0539	P	0.5
5	☐	5000.000	5302.120	137263.23	0.1043	P	0.7
6	☐	10000.000	10236.789	263556.54	0.2008	P	2.2
7	☐	20000.000	19775.403	517784.05	0.3873	P	1.2
8	☐			635.58	0.0005	P	9.2

$$y = 1.9551E-005 * x + 6.5726E-004$$

$$R = 0.9997$$

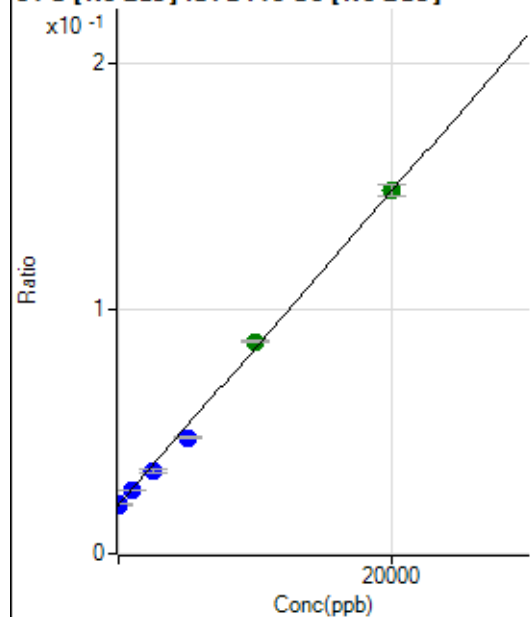
$$DL = 4.104$$

$$BEC = 33.62$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-66.301	331686.22	0.0196	P	0.8
2	☐	0.000	66.301	343235.03	0.0204	P	0.8
3	☐	1000.000	949.018	433225.80	0.0261	P	1.0
4	☐	2500.000	2141.370	554819.28	0.0337	P	2.9
5	☐	5000.000	4279.877	754537.43	0.0474	P	2.5
6	☐	10000.000	10415.521	1324028.79	0.0866	A	1.0
7	☐	20000.000	20019.648	2167105.25	0.1480	A	3.3
8	☐			263076.55	0.0177	P	0.6

$$y = 6.3939\text{E-}006 * x + 0.0200$$

$$R = 0.9989$$

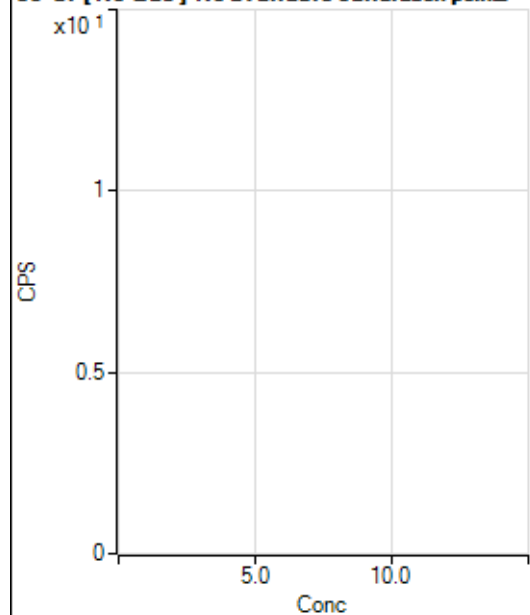
$$DL = 75.27$$

$$BEC = 3127$$

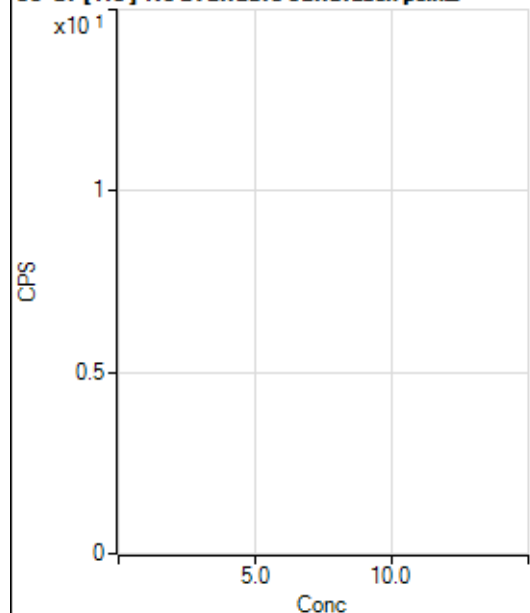
Weight: <None>

Min Conc: 0

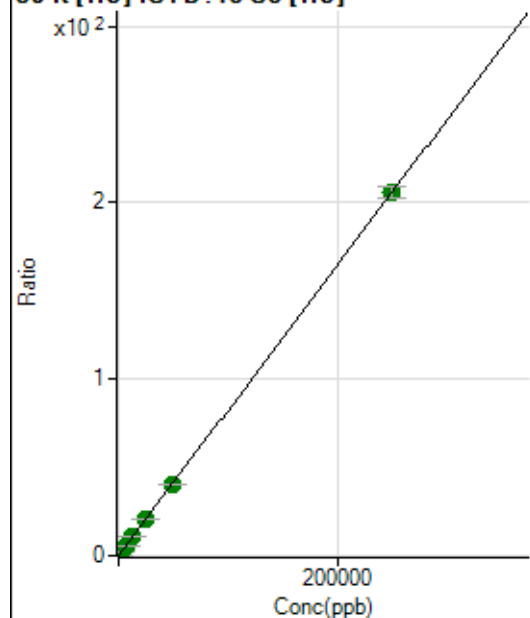
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80281.40	0.0566	P	0.4
2	☐	500.000	502.535	669771.63	0.4695	P	4.1
3	☐	2500.000	2626.302	3066653.32	2.2145	A	0.9
4	☐	6250.000	6615.354	7335659.96	5.4920	A	0.8
5	☐	12500.000	12904.627	14025389.23	10.6595	A	0.5
6	☐	25000.000	25246.597	27302000.43	20.8001	A	1.7
7	☐	50000.000	49002.604	53901946.97	40.3188	A	1.5
8	☐	250000.00	250144.18	265655398.26	205.5834	A	3.2

$$y = 8.2163\text{E-}004 * x + 0.0566$$

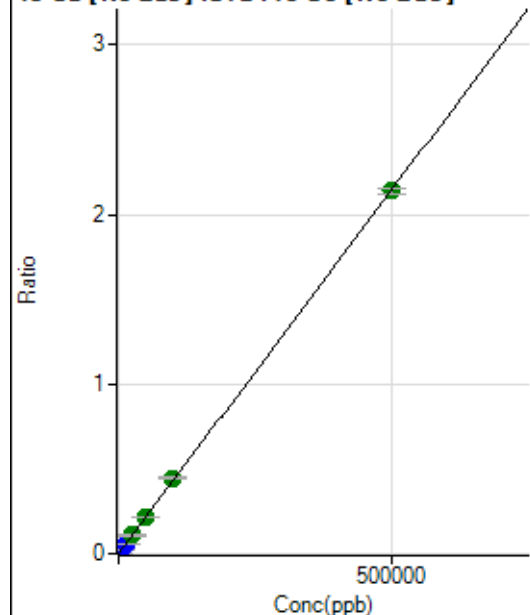
$$R = 1.0000$$

$$DL = 0.9178$$

$$BEC = 68.91$$

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	1400.08	0.0001	P	9.6
2	☐	500.000	513.720	38405.15	0.0023	P	0.8
3	☐	5000.000	5307.874	379567.01	0.0228	P	0.8
4	☐	12500.000	12703.382	898039.91	0.0545	P	4.1
5	☐	25000.000	25261.413	1726355.69	0.1084	A	3.3
6	☐	50000.000	50996.900	3343837.84	0.2187	A	1.0
7	☐	100000.00	104209.44	6542554.63	0.4468	A	2.8
8	☐	500000.00	499037.17	31767469.80	2.1392	A	1.6

$$y = 4.2866E-006 * x + 8.2617E-005$$

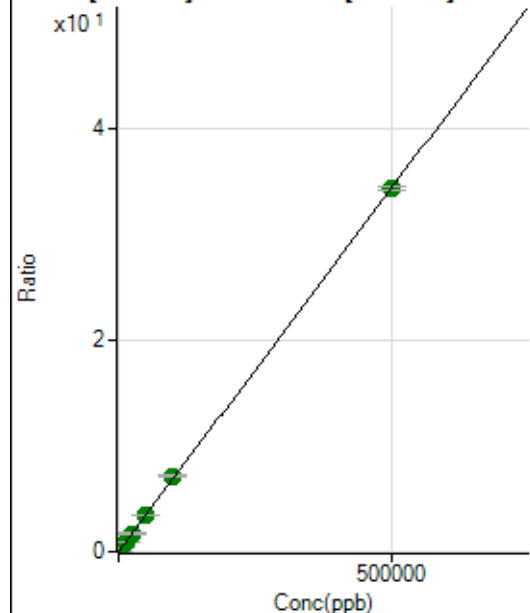
$$R = 1.0000$$

$$DL = 5.528$$

$$BEC = 19.27$$

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	39287.64	0.0023	P	0.8
2	☐	500.000	518.791	638989.42	0.0380	P	0.6
3	☐	5000.000	5245.568	6037792.20	0.3632	A	1.1
4	☐	12500.000	12602.310	14319011.03	0.8694	A	2.9
5	☐	25000.000	25022.711	27463497.09	1.7240	A	3.6
6	☐	50000.000	50851.987	53534278.65	3.5012	A	0.1
7	☐	100000.00	103872.11	104688602.88	7.1492	A	3.0
8	☐	500000.00	499134.21	510039454.62	34.3449	A	1.1

$$y = 6.8804E-005 * x + 0.0023$$

$$R = 1.0000$$

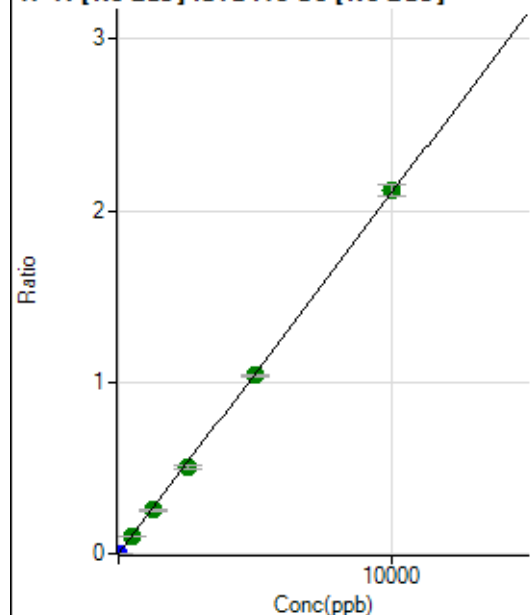
$$DL = 0.7792$$

$$BEC = 33.69$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1285.62	0.0001	P	4.0
2	☐	5.000	4.803	18242.21	0.0011	P	2.1
3	☐	500.000	498.835	1744104.68	0.1049	A	1.1
4	☐	1250.000	1212.149	4196599.28	0.2549	A	4.0
5	☐	2500.000	2412.545	8079377.52	0.5072	A	3.5
6	☐	5000.000	4932.389	15852773.10	1.0368	A	0.6
7	☐	10000.000	10060.459	30964772.04	2.1147	A	3.2
8	☐			5452.18	0.0004	P	25.

$$y = 2.1019E-004 * x + 7.5849E-005$$

$$R = 0.9999$$

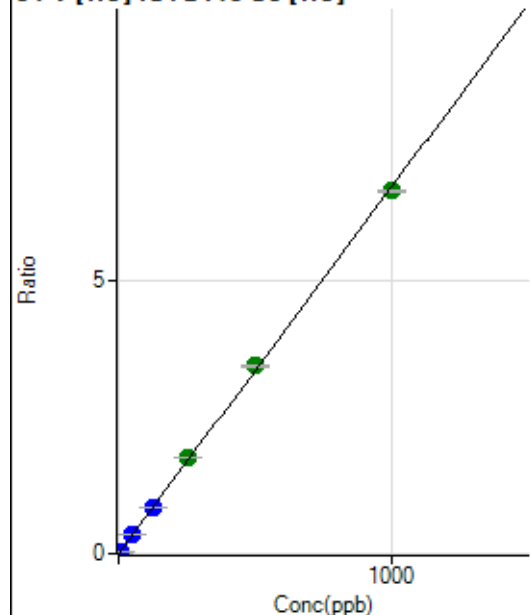
$$DL = 0.04316$$

$$BEC = 0.3609$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	32.22	0.0000	P	38.
2	☐	5.000	4.892	47007.44	0.0330	P	4.2
3	☐	50.000	50.493	470706.28	0.3399	P	0.3
4	☐	125.000	126.822	1140291.89	0.8537	P	0.8
5	☐	250.000	263.676	2335416.42	1.7749	A	0.9
6	☐	500.000	512.978	4533118.72	3.4531	A	0.8
7	☐	1000.000	989.840	8908357.23	6.6630	A	0.5
8	☐			2379.10	0.0018	P	8.2

$$y = 0.0067 * x + 2.2686E-005$$

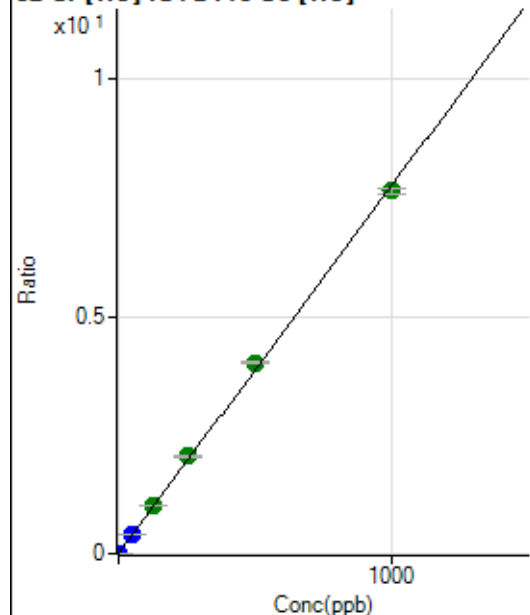
$$R = 0.9998$$

$$DL = 0.003886$$

$$BEC = 0.00337$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4728.57	0.0033	P	1.0
2	☐	2.000	2.020	27096.70	0.0190	P	4.0
3	☐	50.000	51.109	553208.01	0.3995	P	0.5
4	☐	125.000	131.355	1364371.42	1.0215	A	1.6
5	☐	250.000	265.204	2708788.92	2.0590	A	2.0
6	☐	500.000	517.822	5273185.62	4.0171	A	1.1
7	☐	1000.000	986.438	10226618.11	7.6494	A	1.4
8	☐			19931.03	0.0154	P	2.8

$$y = 0.0078 * x + 0.0033$$

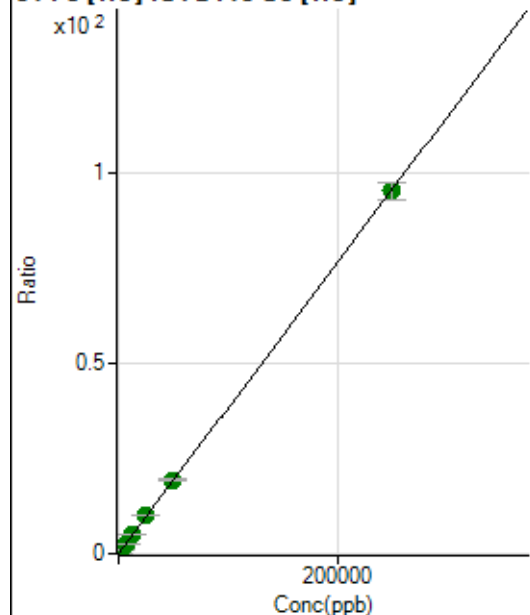
$$R = 0.9996$$

$$DL = 0.01278$$

$$BEC = 0.4302$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5172.04	0.0036	P	2.7
2	☐	50.000	54.737	35064.11	0.0246	P	4.6
3	☐	2500.000	2701.610	1435832.88	1.0369	A	0.5
4	☐	6250.000	6920.059	3539694.88	2.6502	A	2.7
5	☐	12500.000	13712.231	6904536.50	5.2478	A	1.2
6	☐	25000.000	26390.704	13252165.78	10.0966	A	2.1
7	☐	50000.000	50464.254	25805857.95	19.3034	A	1.9
8	☐	250000.00	249688.69	123364925.94	95.4957	A	4.6

$$y = 3.8244E-004 * x + 0.0036$$

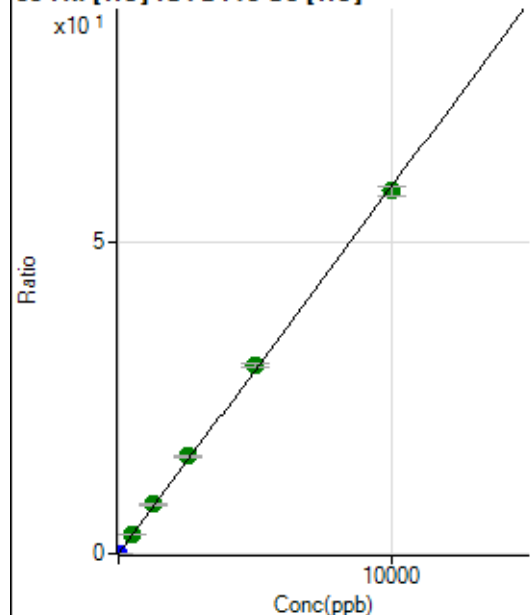
$$R = 1.0000$$

$$DL = 0.7671$$

$$BEC = 9.539$$

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	1462.31	0.0010	P	6.5
2	☐	1.000	1.062	10376.99	0.0073	P	3.0
3	☐	500.000	527.615	4295512.30	3.1019	A	1.2
4	☐	1250.000	1339.884	10519716.79	7.8758	A	2.2
5	☐	2500.000	2647.280	20472748.31	15.5597	A	0.6
6	☐	5000.000	5138.890	39643051.91	30.2035	A	2.1
7	☐	10000.000	9881.119	77633078.84	58.0746	A	2.7
8	☐			41011.32	0.0317	P	2.2

$$y = 0.0059 * x + 0.0010$$

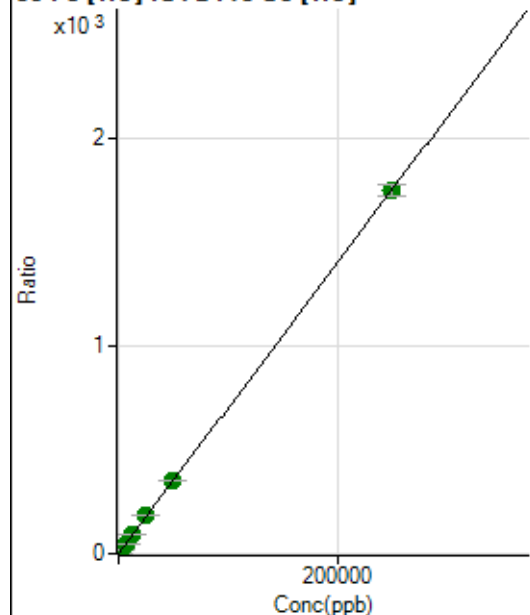
$$R = 0.9997$$

$$DL = 0.03408$$

$$BEC = 0.1754$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44206.99	0.0312	P	0.7
2	☐	50.000	52.925	573611.39	0.4021	P	3.8
3	☐	2500.000	2692.786	26174913.50	18.9017	A	0.8
4	☐	6250.000	6897.678	64611271.26	48.3689	A	1.8
5	☐	12500.000	13551.773	124996018.14	94.9996	A	0.6
6	☐	25000.000	26240.035	241408094.18	183.9167	A	1.8
7	☐	50000.000	50182.165	470178495.22	351.6990	A	1.7
8	☐	250000.00	249768.85	2261828748.5	1,750.367	A	3.1

$$y = 0.0070 * x + 0.0312$$

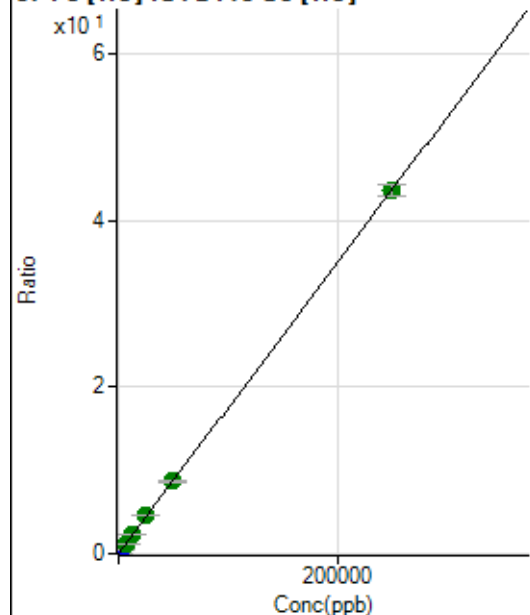
$$R = 1.0000$$

$$DL = 0.08746$$

$$BEC = 4.449$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2251.31	0.0016	P	2.7
2	☐	50.000	55.791	16135.43	0.0113	P	6.2
3	☐	2500.000	2710.874	656826.79	0.4743	P	0.2
4	☐	6250.000	6891.347	1607356.94	1.2033	A	1.2
5	☐	12500.000	13569.004	3115418.95	2.3678	A	0.8
6	☐	25000.000	26082.106	5972342.48	4.5498	A	1.3
7	☐	50000.000	50076.158	11675905.38	8.7339	A	2.0
8	☐	250000.00	249804.96	56290528.60	43.5630	A	3.3

$$y = 1.7438\text{E-}004 * x + 0.0016$$

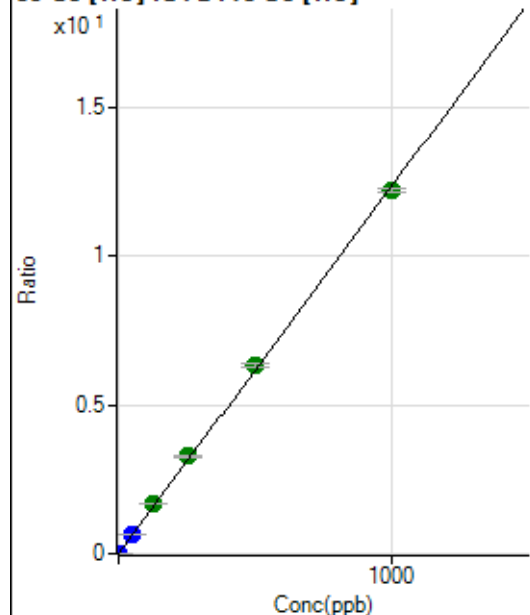
$$R = 1.0000$$

$$DL = 0.7341$$

$$BEC = 9.104$$

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	226.67	0.0002	P	8.9
2	☐	1.000	1.050	18737.35	0.0131	P	2.5
3	☐	50.000	51.800	885825.19	0.6397	P	0.3
4	☐	125.000	138.172	2278795.25	1.7060	A	0.3
5	☐	250.000	265.337	4310413.27	3.2760	A	0.7
6	☐	500.000	512.576	8306604.74	6.3284	A	1.8
7	☐	1000.000	988.141	16310583.51	12.1998	A	1.2
8	☐			40726.26	0.0315	P	3.1

$$y = 0.0123 * x + 1.5986\text{E-}004$$

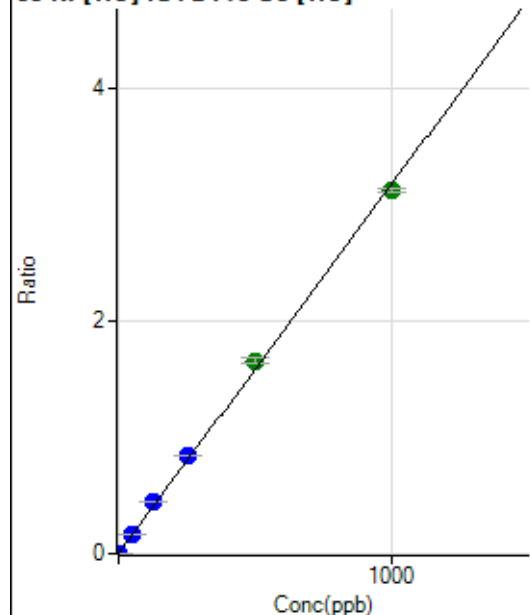
$$R = 0.9997$$

$$DL = 0.00347$$

$$BEC = 0.01295$$

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	1064.49	0.0008	P	3.1
2	☐	1.000	0.932	5286.53	0.0037	P	6.7
3	☐	50.000	52.601	232083.87	0.1676	P	0.8
4	☐	125.000	140.654	596896.52	0.4469	P	1.5
5	☐	250.000	266.061	1111300.06	0.8447	P	1.3
6	☐	500.000	522.812	2177502.75	1.6591	A	2.8
7	☐	1000.000	982.492	4167384.14	3.1171	A	1.1
8	☐			11770.25	0.0091	P	3.8

$$y = 0.0032 * x + 7.5078E-004$$

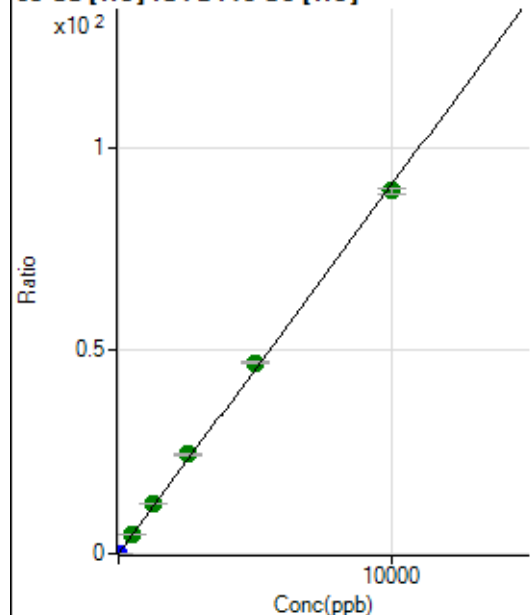
$$R = 0.9994$$

$$DL = 0.02187$$

$$BEC = 0.2367$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1833.47	0.0013	P	1.2
2	☐	2.000	1.959	27202.55	0.0191	P	4.6
3	☐	500.000	541.881	6812481.91	4.9195	A	0.7
4	☐	1250.000	1367.260	16577727.53	12.4109	A	0.6
5	☐	2500.000	2699.957	32244238.96	24.5068	A	1.5
6	☐	5000.000	5186.969	61796155.75	47.0795	A	1.8
7	☐	10000.000	9839.775	119399161.55	89.3096	A	1.4
8	☐			21615.75	0.0167	P	7.0

$$y = 0.0091 * x + 0.0013$$

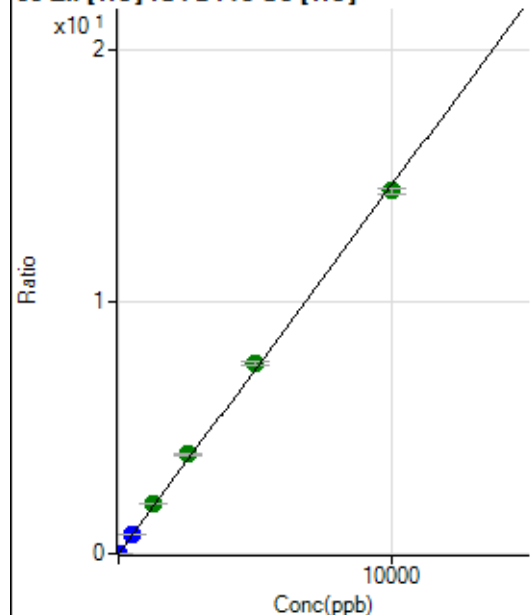
$$R = 0.9995$$

$$DL = 0.005181$$

$$BEC = 0.1425$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4691.90	0.0033	P	1.1
2	☐	2.000	4.550	14190.19	0.0099	P	4.6
3	☐	500.000	530.732	1077052.36	0.7778	P	1.0
4	☐	1250.000	1345.701	2627434.98	1.9670	A	0.1
5	☐	2500.000	2704.330	5196485.34	3.9496	A	1.3
6	☐	5000.000	5167.220	9901343.32	7.5436	A	2.0
7	☐	10000.000	9851.808	19223800.96	14.3796	A	1.8
8	☐			7808.78	0.0060	P	5.1

$$y = 0.0015 * x + 0.0033$$

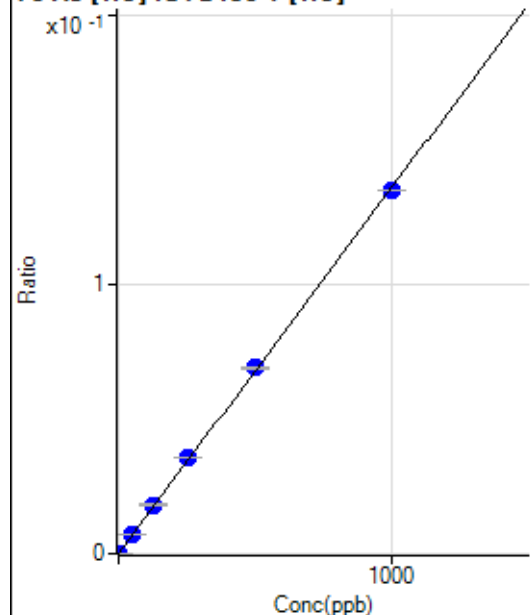
$$R = 0.9995$$

$$DL = 0.07359$$

$$BEC = 2.268$$

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	21.11	0.0000	P	46.
2	☐	1.000	1.072	1504.54	0.0001	P	7.7
3	☐	50.000	53.044	70755.25	0.0072	P	0.8
4	☐	125.000	133.593	172240.90	0.0182	P	1.8
5	☐	250.000	263.016	336758.11	0.0357	P	0.6
6	☐	500.000	507.445	650088.94	0.0690	P	0.6
7	☐	1000.000	991.797	1272738.85	0.1348	P	0.0
8	☐			748.92	0.0001	P	14.

$$y = 1.3589E-004 * x + 2.0888E-006$$

$$R = 0.9998$$

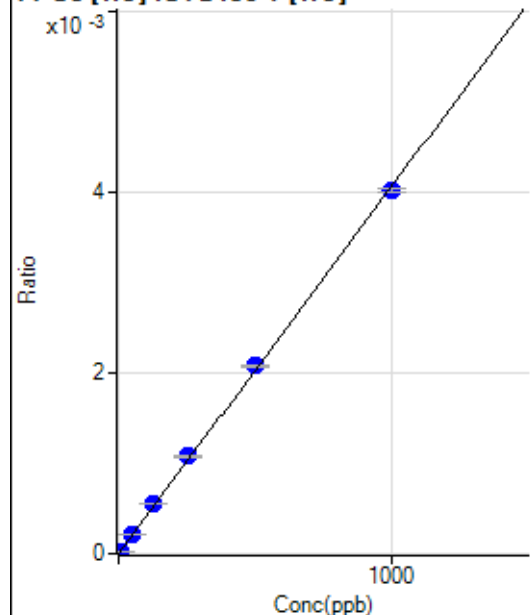
$$DL = 0.02122$$

$$BEC = 0.01537$$

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	☐	5.000	5.276	217.78	0.0000	P	18.
3	☐	50.000	51.436	2051.28	0.0002	P	4.8
4	☐	125.000	136.663	5269.88	0.0006	P	1.6
5	☐	250.000	266.022	10189.16	0.0011	P	2.3
6	☐	500.000	511.737	19609.74	0.0021	P	0.9
7	☐	1000.000	988.595	37947.45	0.0040	P	1.0
8	☐			8.89	0.0000	P	57.

$$y = 4.0647\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

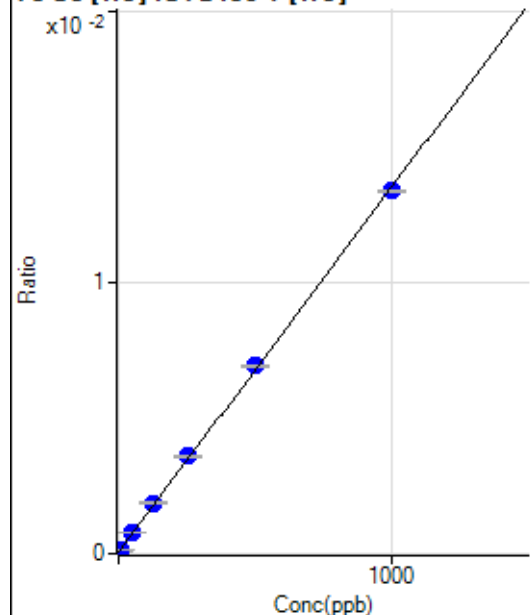
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	570.02	0.0001	P	8.6
2	☐	5.000	4.432	1178.95	0.0001	P	8.6
3	☐	50.000	53.289	7589.79	0.0008	P	2.0
4	☐	125.000	135.334	17813.03	0.0019	P	2.0
5	☐	250.000	262.154	33770.74	0.0036	P	0.9
6	☐	500.000	510.145	65257.45	0.0069	P	0.4
7	☐	1000.000	990.436	126407.71	0.0134	P	0.8
8	☐			515.57	0.0001	P	2.8

$$y = 1.3458\text{E-}005 * x + 5.6255\text{E-}005$$

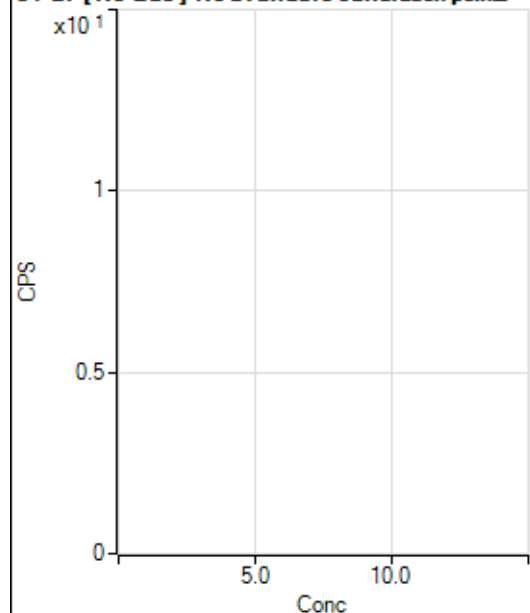
$$R = 0.9998$$

$$DL = 1.079$$

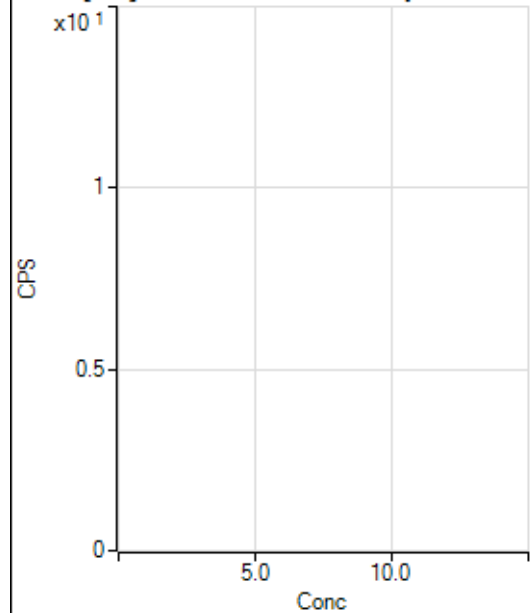
$$BEC = 4.18$$

Weight: <None>

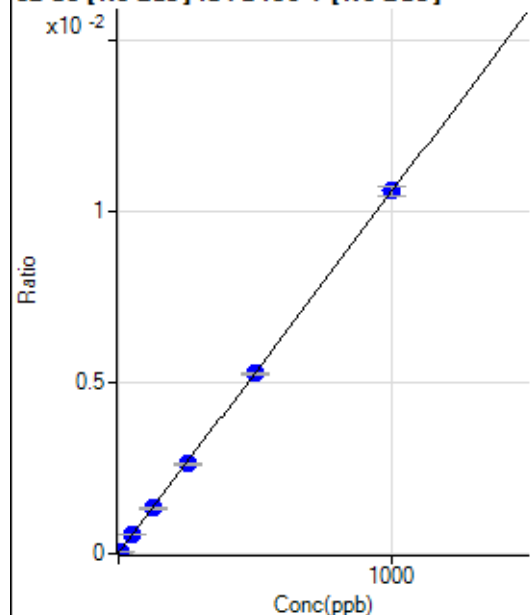
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16373.64		P	0.6
2	☐			17065.52		P	3.0
3	☐			16613.89		P	1.7
4	☐			16087.78		P	2.2
5	☐			15770.78		P	0.8
6	☐			15555.02		P	1.7
7	☐			15819.69		P	1.0
8	☐			17206.79		P	1.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			101.12		P	13.
2	☐			96.67		P	19.
3	☐			93.33		P	12.
4	☐			111.11		P	13.
5	☐			116.67		P	17.
6	☐			111.11		P	22.
7	☐			135.56		P	32.
8	☐			215.56		P	8.5

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	599.05	0.0000	P	5.1
2	☐	5.000	5.380	2880.62	0.0001	P	3.5
3	☐	50.000	51.240	22141.91	0.0006	P	1.7
4	☐	125.000	125.465	52736.39	0.0013	P	4.2
5	☐	250.000	246.436	101556.91	0.0026	P	3.5
6	☐	500.000	496.902	197461.99	0.0053	P	0.5
7	☐	1000.000	1002.318	384484.09	0.0106	P	2.6
8	☐			771.40	0.0000	P	6.0

$$y = 1.0565E-005 * x + 1.4967E-005$$

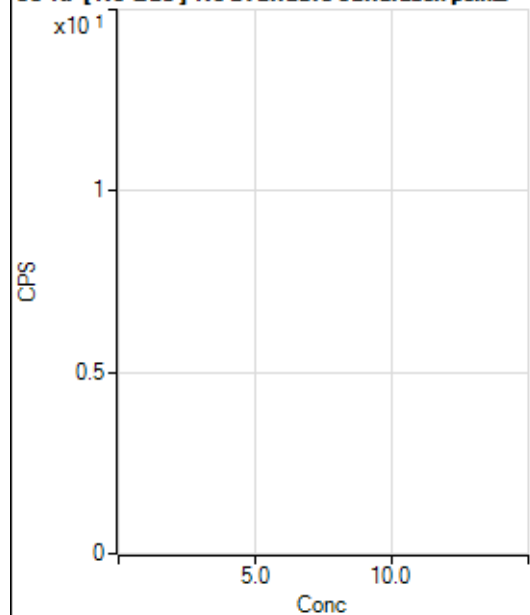
$$R = 1.0000$$

$$DL = 0.2181$$

$$BEC = 1.417$$

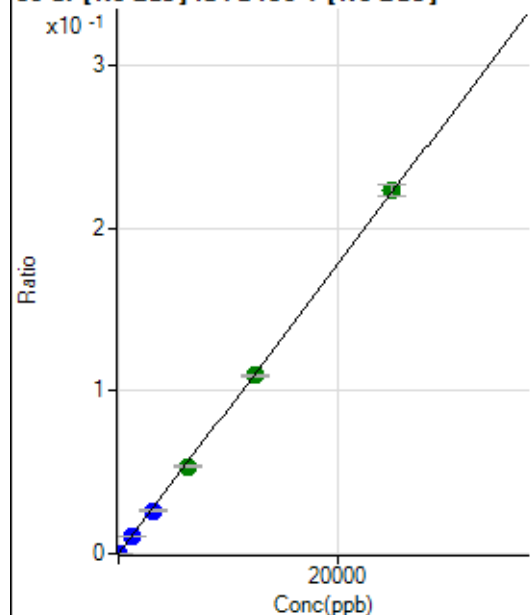
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			346.67		P	10.
2	☐			366.67		P	2.4
3	☐			313.34		P	12.
4	☐			322.23		P	12.
5	☐			300.01		P	14.
6	☐			322.23		P	8.8
7	☐			335.57		P	13.
8	☐			408.90		P	9.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	574.46	0.0000	P	4.0
2	☐	1.000	24.346	9238.52	0.0002	P	1.4
3	☐	1250.000	1218.265	430618.99	0.0108	P	1.2
4	☐	3125.000	2963.339	1034428.61	0.0263	P	4.7
5	☐	6250.000	6061.220	2085293.46	0.0538	A	3.9
6	☐	12500.000	12331.477	4102667.33	0.1094	A	0.7
7	☐	25000.000	25153.250	8087982.31	0.2231	A	3.1
8	☐			26647.51	0.0007	P	1.5

$$y = 8.8686E-006 * x + 1.4359E-005$$

R = 0.9999

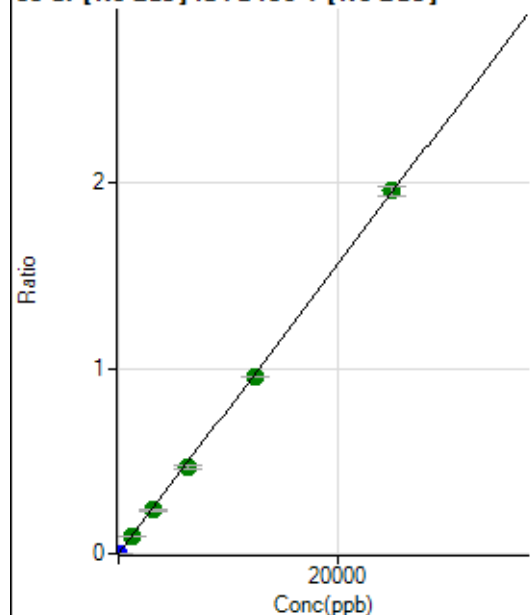
DL = 0.193

BEC = 1.619

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	906.70	0.0000	P	4.9
2	☐	1.000	23.692	74899.33	0.0019	P	1.0
3	☐	1250.000	1254.218	3887181.23	0.0977	A	0.5
4	☐	3125.000	3034.706	9294921.11	0.2363	A	4.1
5	☐	6250.000	6047.320	18257959.87	0.4708	A	3.8
6	☐	12500.000	12290.775	35886176.13	0.9568	A	0.7
7	☐	25000.000	25166.357	71027820.05	1.9590	A	2.9
8	☐			227769.42	0.0063	P	1.2

$$y = 7.7843E-005 * x + 2.2654E-005$$

R = 0.9999

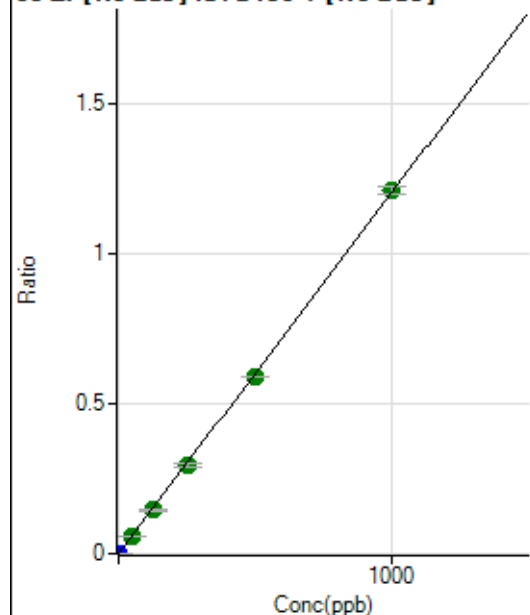
DL = 0.04252

BEC = 0.291

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2821.42	0.0001	P	2.3
2	☐	1.000	0.937	48044.97	0.0012	P	0.1
3	☐	50.000	49.794	2386929.18	0.0600	A	1.1
4	☐	125.000	120.720	5715811.79	0.1453	A	4.1
5	☐	250.000	244.068	11388274.41	0.2936	A	4.6
6	☐	500.000	491.069	22158656.61	0.5908	A	0.2
7	☐	1000.000	1006.494	43904929.90	1.2107	A	2.1
8	☐			28597.89	0.0008	P	5.9

$$y = 0.0012 * x + 7.0497E-005$$

$$R = 0.9999$$

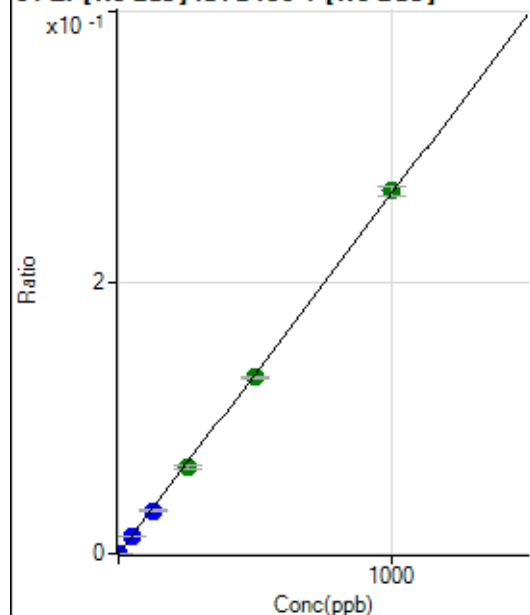
$$DL = 0.003998$$

$$BEC = 0.05861$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	557.79	0.0000	P	7.3
2	☐	1.000	0.937	10545.00	0.0003	P	0.3
3	☐	50.000	48.116	509399.59	0.0128	P	1.4
4	☐	125.000	118.057	1234510.68	0.0314	P	4.6
5	☐	250.000	242.018	2494460.22	0.0643	A	3.7
6	☐	500.000	489.213	4875994.93	0.1300	A	0.1
7	☐	1000.000	1008.351	9714297.98	0.2679	A	2.9
8	☐			6261.39	0.0002	P	4.6

$$y = 2.6569E-004 * x + 1.3947E-005$$

$$R = 0.9999$$

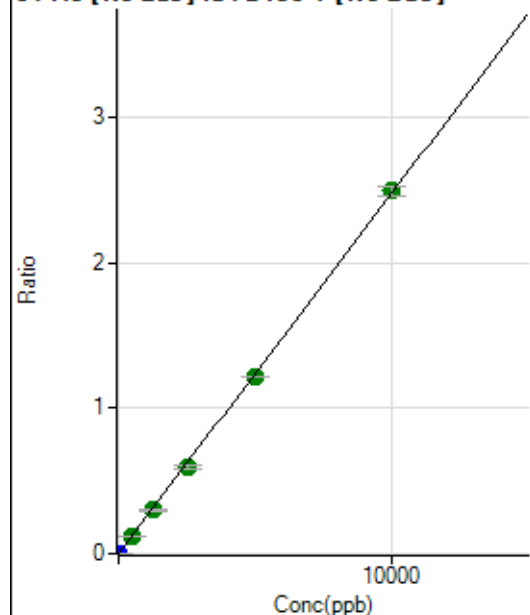
$$DL = 0.01156$$

$$BEC = 0.05249$$

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	1030.05	0.0000	P	9.5
2	☐	5.000	5.467	55418.78	0.0014	P	0.5
3	☐	500.000	495.009	4886801.60	0.1228	A	1.2
4	☐	1250.000	1216.210	11865724.82	0.3016	A	4.4
5	☐	2500.000	2412.344	23198656.32	0.5982	A	4.5
6	☐	5000.000	4904.351	45616164.32	1.2162	A	0.4
7	☐	10000.000	10074.212	90585596.43	2.4981	A	2.3
8	☐			25970.15	0.0007	P	16.

$$y = 2.4797\text{E-}004 * x + 2.5732\text{E-}005$$

$$R = 0.9999$$

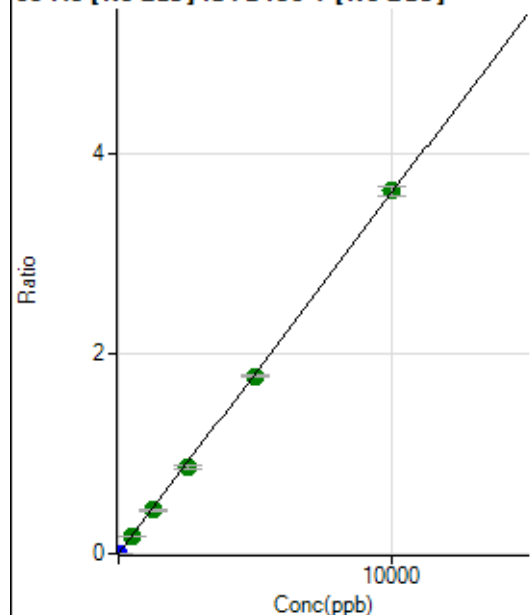
$$DL = 0.02954$$

$$BEC = 0.1038$$

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	108.89	0.0000	P	30.
2	☐	5.000	4.608	66722.19	0.0017	P	0.5
3	☐	500.000	497.570	7136189.55	0.1793	A	0.9
4	☐	1250.000	1218.382	17269896.97	0.4390	A	4.7
5	☐	2500.000	2406.948	33634552.00	0.8672	A	3.7
6	☐	5000.000	4922.775	66527894.01	1.7737	A	0.7
7	☐	10000.000	10065.949	131504755.82	3.6268	A	2.6
8	☐			25619.83	0.0007	P	21.

$$y = 3.6031\text{E-}004 * x + 2.7150\text{E-}006$$

$$R = 0.9999$$

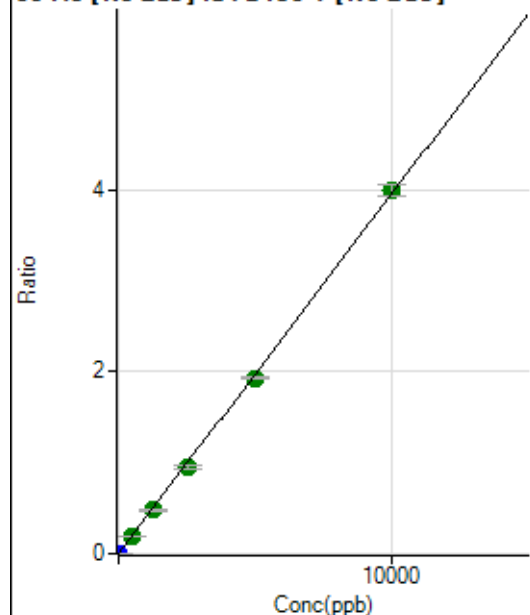
$$DL = 0.006871$$

$$BEC = 0.007535$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	341.12	0.0000	P	13.
2	☐	5.000	4.668	74426.85	0.0019	P	0.9
3	☐	500.000	495.248	7799255.72	0.1959	A	0.5
4	☐	1250.000	1215.572	18917335.27	0.4809	A	5.0
5	☐	2500.000	2405.925	36916675.28	0.9518	A	3.3
6	☐	5000.000	4880.215	72414134.48	1.9306	A	0.6
7	☐	10000.000	10087.952	144687885.62	3.9908	A	3.0
8	☐			46903.57	0.0013	P	12.

$$y = 3.9560E-004 * x + 8.5165E-006$$

$$R = 0.9998$$

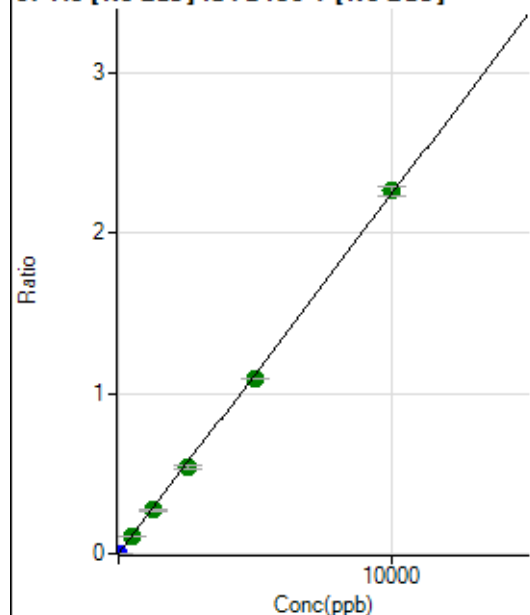
$$DL = 0.008395$$

$$BEC = 0.02153$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	81.11	0.0000	P	21.
2	☐	5.000	4.648	41851.98	0.0010	P	1.4
3	☐	500.000	492.723	4393782.29	0.1104	A	0.3
4	☐	1250.000	1209.016	10654861.65	0.2708	A	4.7
5	☐	2500.000	2408.588	20926207.60	0.5396	A	3.7
6	☐	5000.000	4880.431	41009561.89	1.0933	A	0.4
7	☐	10000.000	10088.125	81943608.78	2.2599	A	2.4
8	☐			16046.96	0.0004	P	21.

$$y = 2.2402E-004 * x + 2.0236E-006$$

$$R = 0.9998$$

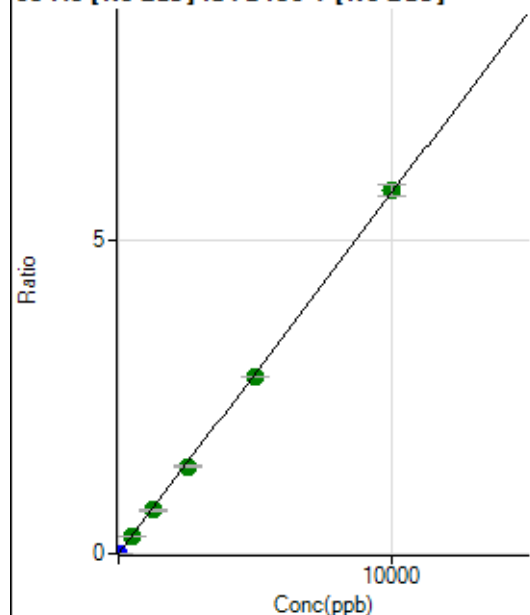
$$DL = 0.005871$$

$$BEC = 0.009033$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	208.89	0.0000	P	12.
2	☐	5.000	4.647	107571.07	0.0027	P	1.0
3	☐	500.000	495.150	11348903.86	0.2851	A	1.3
4	☐	1250.000	1216.207	27547322.65	0.7003	A	5.1
5	☐	2500.000	2422.400	54094845.86	1.3948	A	3.8
6	☐	5000.000	4922.806	106322188.42	2.8345	A	0.3
7	☐	10000.000	10062.464	210048727.98	5.7940	A	3.3
8	☐			39568.86	0.0011	P	22.

$$y = 5.7580\text{E-}004 * x + 5.2160\text{E-}006$$

$$R = 0.9999$$

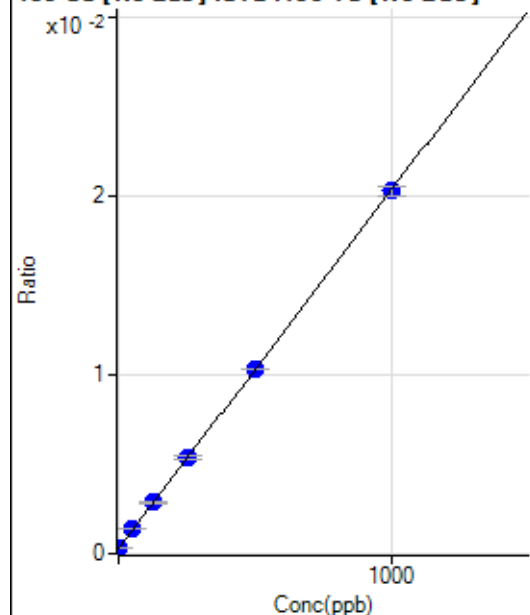
$$DL = 0.003429$$

$$BEC = 0.009059$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9689.98	0.0003	P	4.8
2	☐	1.000	1.917	11043.18	0.0003	P	3.1
3	☐	50.000	54.795	47590.99	0.0014	P	0.5
4	☐	125.000	129.887	101298.78	0.0029	P	3.4
5	☐	250.000	254.586	186223.76	0.0054	P	2.8
6	☐	500.000	501.352	352076.23	0.0103	P	0.2
7	☐	1000.000	997.326	675896.13	0.0203	P	2.6
8	☐			9550.99	0.0003	P	1.3

$$y = 2.0035\text{E-}005 * x + 2.8069\text{E-}004$$

$$R = 1.0000$$

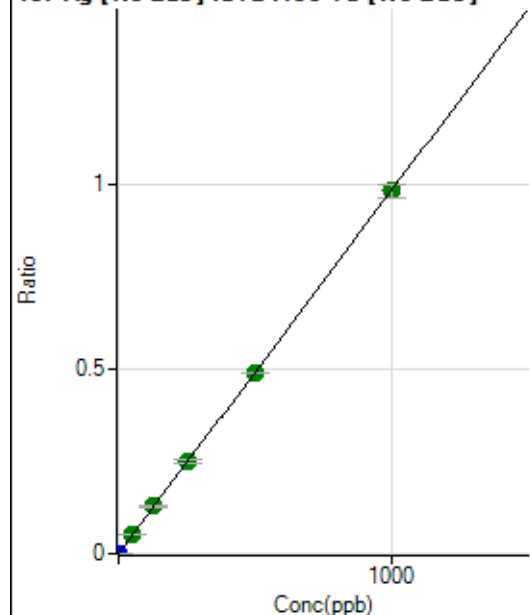
$$DL = 2.025$$

$$BEC = 14.01$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	284.45	0.0000	P	10.
2	☐	1.000	1.016	34964.31	0.0010	P	2.0
3	☐	50.000	54.241	1846330.91	0.0535	A	1.7
4	☐	125.000	129.796	4496965.07	0.1280	A	2.2
5	☐	250.000	254.192	8671265.50	0.2506	A	3.2
6	☐	500.000	498.815	16766964.75	0.4917	A	0.5
7	☐	1000.000	998.733	32834153.96	0.9845	A	3.6
8	☐			5075.41	0.0002	P	25.

$$y = 9.8578\text{E-}004 * x + 8.2367\text{E-}006$$

$$R = 1.0000$$

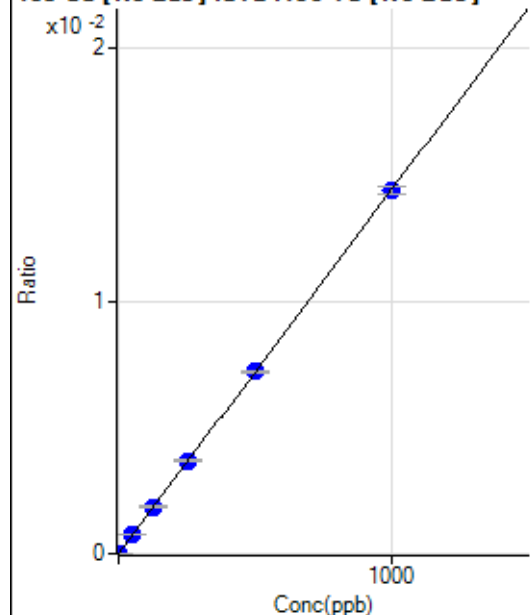
$$DL = 0.002732$$

$$BEC = 0.008355$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0000	P	33.
2	☐	1.000	0.989	530.02	0.0000	P	11.
3	☐	50.000	54.654	27197.77	0.0008	P	2.1
4	☐	125.000	128.711	65143.19	0.0019	P	3.5
5	☐	250.000	256.230	127682.75	0.0037	P	3.2
6	☐	500.000	500.915	245926.20	0.0072	P	0.8
7	☐	1000.000	997.288	478982.78	0.0144	P	2.1
8	☐			222.23	0.0000	P	14.

$$y = 1.4396\text{E-}005 * x + 1.0937\text{E-}006$$

$$R = 1.0000$$

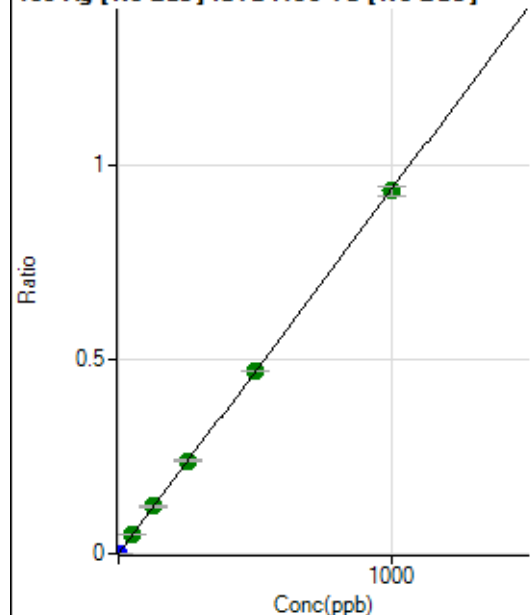
$$DL = 0.07589$$

$$BEC = 0.07597$$

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	156.67	0.0000	P	10.
2	☐	1.000	1.029	33566.59	0.0010	P	2.4
3	☐	50.000	54.960	1780019.52	0.0516	A	0.8
4	☐	125.000	129.457	4266865.67	0.1214	A	3.6
5	☐	250.000	255.729	8301363.63	0.2399	A	2.7
6	☐	500.000	503.143	16093326.29	0.4720	A	0.1
7	☐	1000.000	996.191	31169156.20	0.9345	A	2.9
8	☐			4718.65	0.0001	P	29.

$$y = 9.3805\text{E-}004 * x + 4.5363\text{E-}006$$

$$R = 1.0000$$

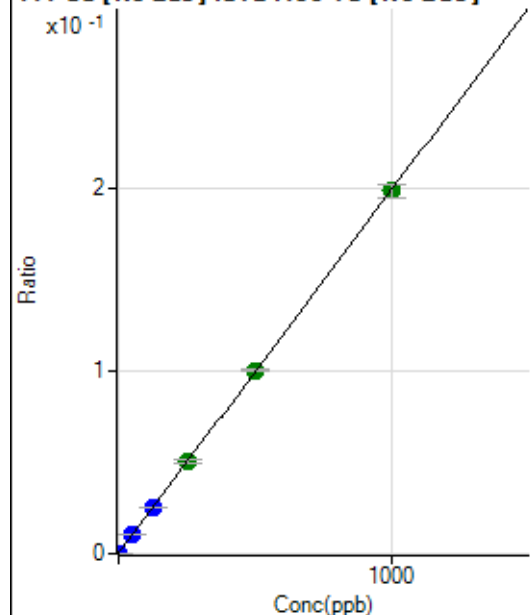
$$DL = 0.001568$$

$$BEC = 0.004836$$

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	6795.43	0.0002	P	4.7
2	☐	1.000	1.145	14692.23	0.0004	P	3.2
3	☐	50.000	53.110	371498.24	0.0108	P	1.4
4	☐	125.000	126.101	888287.27	0.0253	P	3.6
5	☐	250.000	252.857	1747262.55	0.0505	A	3.6
6	☐	500.000	503.083	3419002.44	0.1003	A	0.7
7	☐	1000.000	997.451	6623864.59	0.1986	A	3.4
8	☐			8053.57	0.0002	P	3.9

$$y = 1.9892\text{E-}004 * x + 1.9684\text{E-}004$$

$$R = 1.0000$$

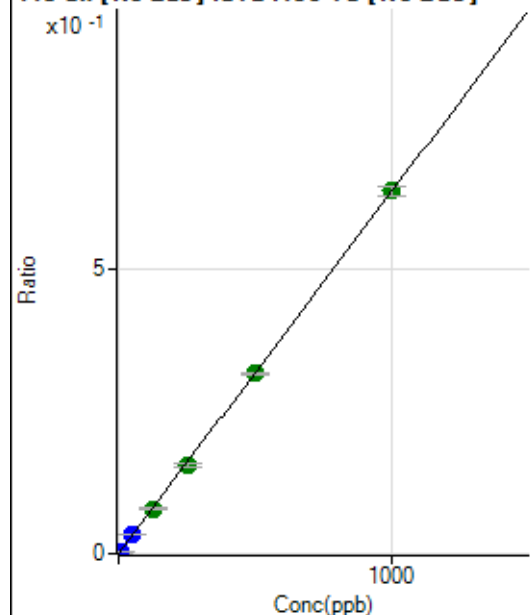
$$DL = 0.1394$$

$$BEC = 0.9896$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5042.06	0.0001	P	2.2
2	☐	5.000	5.021	115546.30	0.0033	P	1.7
3	☐	50.000	51.083	1126154.87	0.0326	P	1.9
4	☐	125.000	124.258	2781013.64	0.0791	A	3.6
5	☐	250.000	246.476	5427206.66	0.1569	A	4.2
6	☐	500.000	497.189	10783497.62	0.3162	A	1.3
7	☐	1000.000	1002.325	21262193.16	0.6374	A	2.5
8	☐			13449.75	0.0004	P	6.1

$$y = 6.3578\text{E-}004 * x + 1.4604\text{E-}004$$

$$R = 1.0000$$

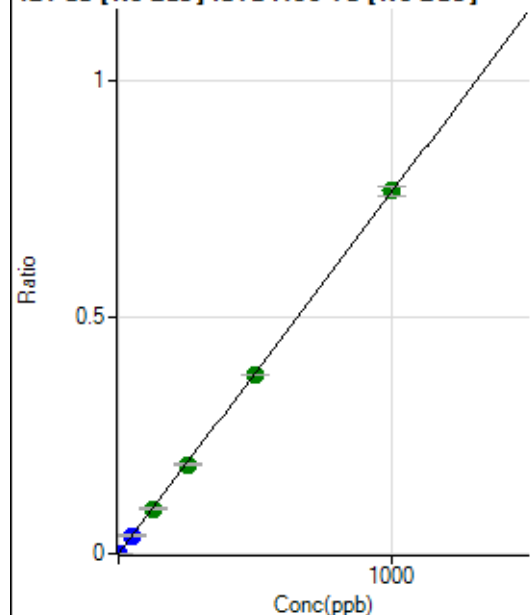
$$DL = 0.0151$$

$$BEC = 0.2297$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	13.
2	☐	2.000	1.981	52354.92	0.0015	P	1.2
3	☐	50.000	50.304	1324602.06	0.0384	P	1.1
4	☐	125.000	124.394	3333697.90	0.0949	A	3.7
5	☐	250.000	246.907	6517041.15	0.1883	A	2.8
6	☐	500.000	494.177	12852523.42	0.3769	A	0.7
7	☐	1000.000	1003.745	25539007.67	0.7656	A	2.4
8	☐			13804.55	0.0004	P	9.9

$$y = 7.6274\text{E-}004 * x + 1.6089\text{E-}006$$

$$R = 1.0000$$

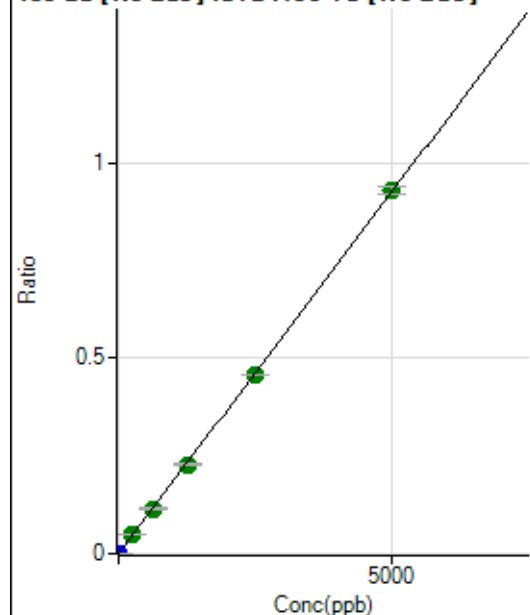
$$DL = 0.0008659$$

$$BEC = 0.002109$$

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	157.78	0.0000	P	9.7
2	☐	10.000	9.692	62138.30	0.0018	P	1.2
3	☐	250.000	258.130	1646580.05	0.0477	A	1.8
4	☐	625.000	620.765	4029774.66	0.1147	A	4.6
5	☐	1250.000	1235.642	7900695.16	0.2283	A	2.5
6	☐	2500.000	2469.760	15559740.19	0.4563	A	0.2
7	☐	5000.000	5018.833	30933904.26	0.9273	A	2.3
8	☐			19501.26	0.0006	P	6.5

$$y = 1.8476\text{E-}004 * x + 4.5690\text{E-}006$$

$$R = 1.0000$$

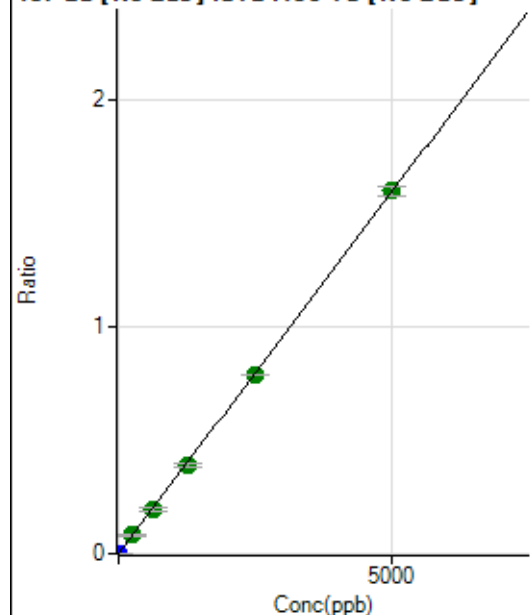
$$DL = 0.007181$$

$$BEC = 0.02473$$

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	327.79	0.0000	P	9.8
2	☐	10.000	9.686	107303.23	0.0031	P	2.5
3	☐	250.000	253.885	2797572.08	0.0810	A	1.1
4	☐	625.000	611.649	6858393.02	0.1952	A	5.0
5	☐	1250.000	1231.380	13598878.13	0.3930	A	3.6
6	☐	2500.000	2475.719	26941489.04	0.7901	A	0.5
7	☐	5000.000	5018.271	53421825.87	1.6016	A	2.7
8	☐			33868.17	0.0010	P	6.8

$$y = 3.1915\text{E-}004 * x + 9.4925\text{E-}006$$

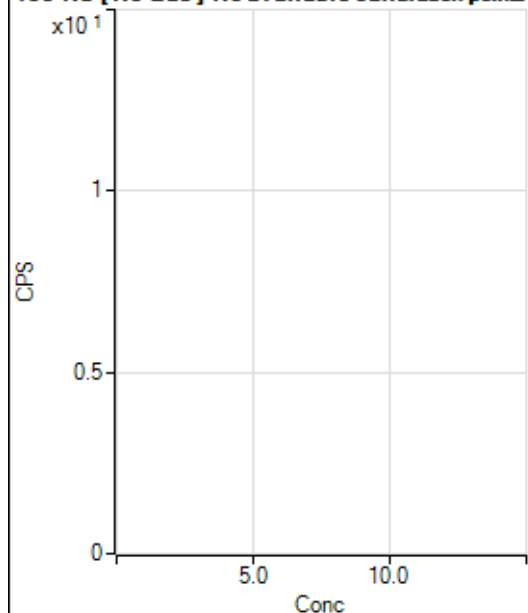
$$R = 1.0000$$

$$DL = 0.008707$$

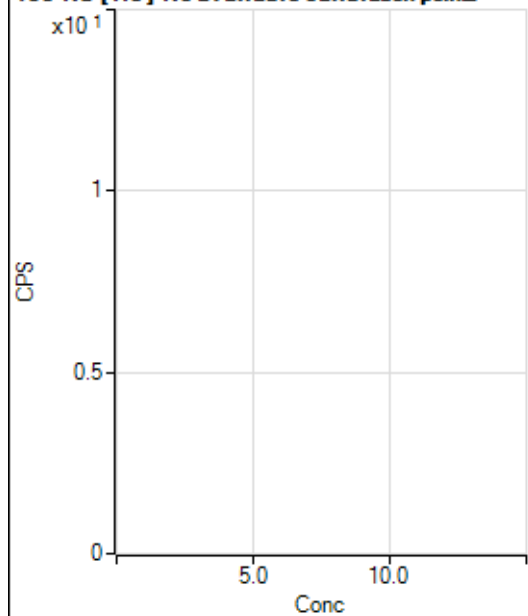
$$BEC = 0.02974$$

Weight: <None>

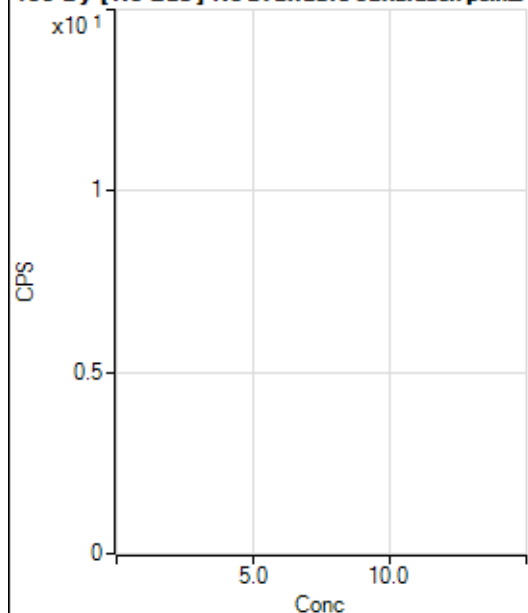
Min Conc: 0

150 Nd [No Gas] No available calibration points

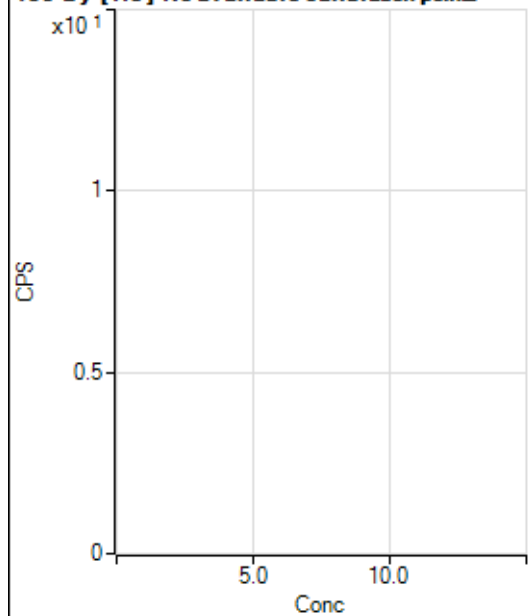
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	11.
2	☐			37.78		P	27.
3	☐			76.67		P	34.
4	☐			207.78		P	16.
5	☐			358.90		P	6.6
6	☐			735.59		P	5.4
7	☐			1362.30		P	1.2
8	☐			523.35		P	2.9

150 Nd [He] No available calibration points

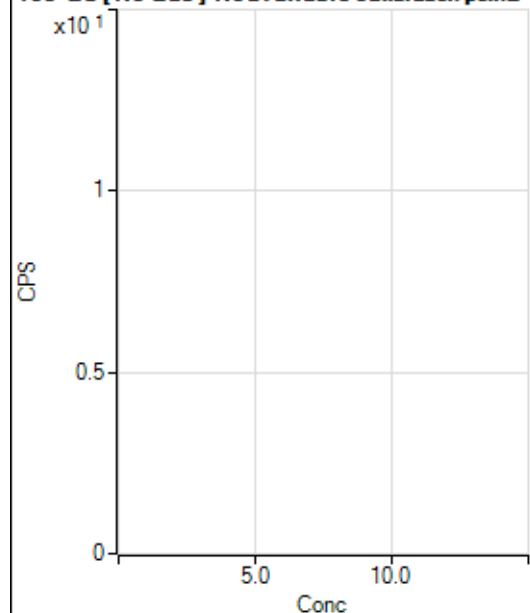
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	63.
2	☐			12.22		P	41.
3	☐			40.00		P	28.
4	☐			46.67		P	31.
5	☐			92.22		P	11.
6	☐			183.34		P	1.8
7	☐			335.56		P	5.8
8	☐			270.01		P	4.5

156 Dy [No Gas] No available calibration points

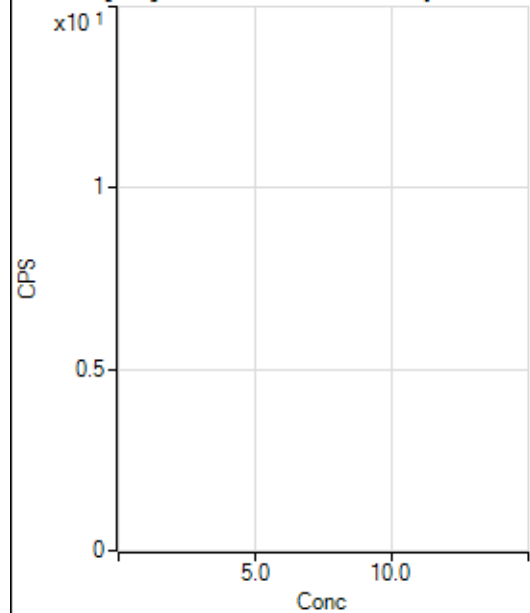
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	17.
2	☐			25.55		P	27.
3	☐			70.00		P	9.5
4	☐			85.55		P	18.
5	☐			140.00		P	22.
6	☐			283.34		P	9.6
7	☐			530.02		P	14.
8	☐			907.82		P	3.6

156 Dy [He] No available calibration points

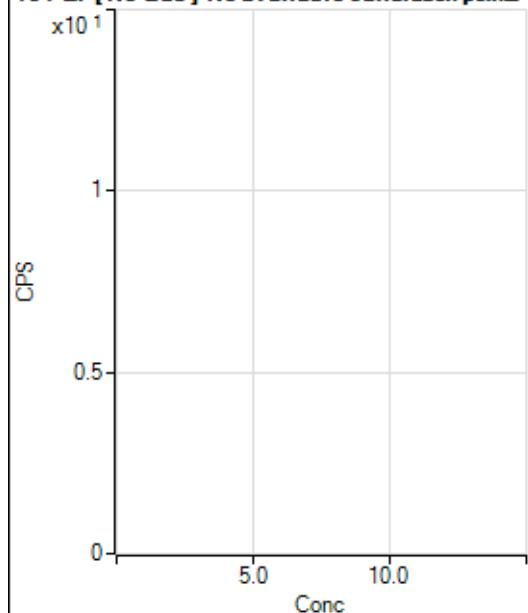
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	25.
2	☐			23.33		P	62.
3	☐			84.44		P	11.
4	☐			193.34		P	19.
5	☐			388.90		P	5.5
6	☐			672.25		P	7.0
7	☐			1316.74		P	0.3
8	☐			751.14		P	5.3

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

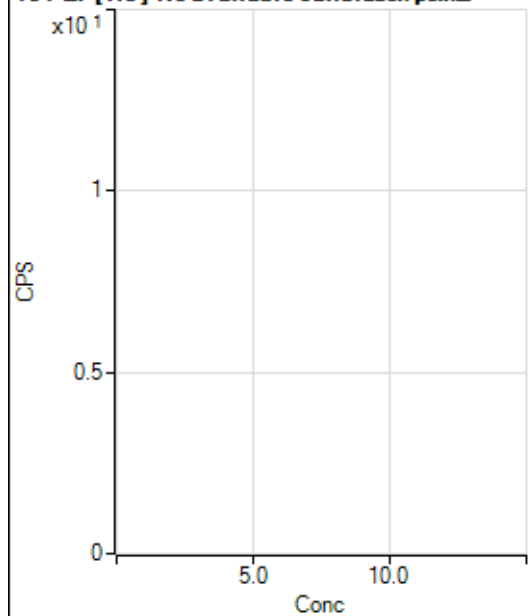
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			137.78		P	20.
2	☐			178.89		P	14.
3	☐			133.33		P	27.
4	☐			173.33		P	21.
5	☐			200.00		P	23.
6	☐			248.90		P	11.
7	☐			357.79		P	6.5
8	☐			1026.71		P	2.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1205.62		P	4.2
2	☐			1285.63		P	10.
3	☐			1238.96		P	9.8
4	☐			1240.07		P	3.5
5	☐			1242.29		P	4.5
6	☐			1246.73		P	8.6
7	☐			1370.08		P	1.8
8	☐			1663.45		P	1.2

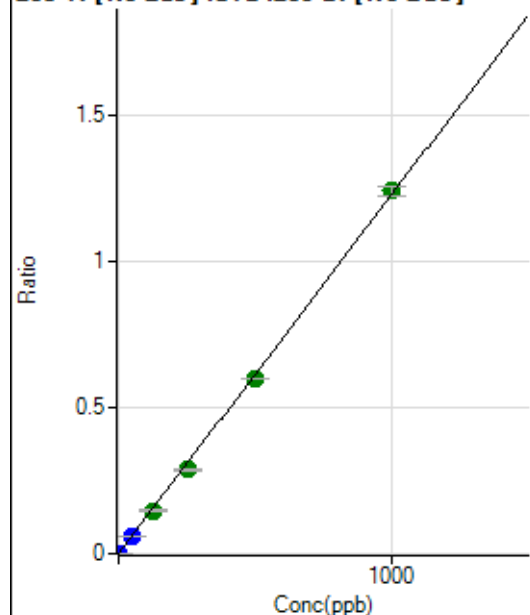
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			138.89		P	17.
2	☐			151.11		P	9.2
3	☐			164.45		P	12.
4	☐			188.89		P	5.1
5	☐			235.56		P	24.
6	☐			274.45		P	4.6
7	☐			446.68		P	9.7
8	☐			1081.17		P	9.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			106.67		P	10.
2	☐			105.56		P	12.
3	☐			110.00		P	28.
4	☐			114.45		P	26.
5	☐			135.56		P	12.
6	☐			188.89		P	16.
7	☐			297.79		P	6.8
8	☐			700.02		P	5.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	164.45	0.0000	P	23.
2	☐	1.000	0.915	22433.04	0.0011	P	0.4
3	☐	50.000	47.390	1155339.53	0.0582	P	0.2
4	☐	125.000	119.245	2970831.24	0.1466	A	4.2
5	☐	250.000	234.158	5804591.58	0.2878	A	2.9
6	☐	500.000	487.870	11610217.61	0.5996	A	0.3
7	☐	1000.000	1010.875	22926642.99	1.2423	A	2.7
8	☐			2518.07	0.0002	P	41.

$$y = 0.0012 * x + 8.3525E-006$$

$$R = 0.9998$$

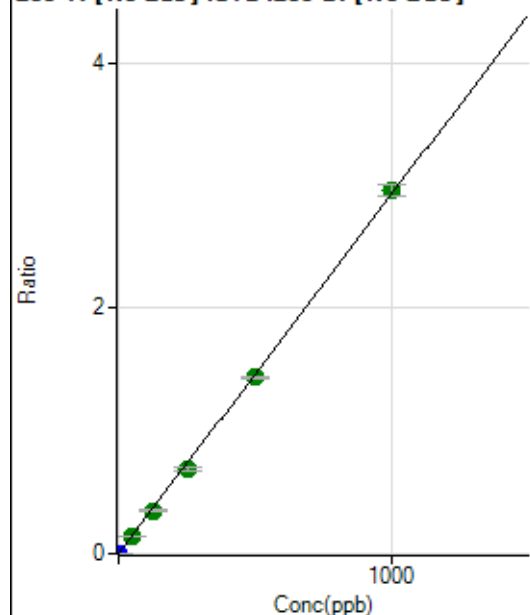
$$DL = 0.004718$$

$$BEC = 0.006796$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	330.01	0.0000	P	13.
2	☐	1.000	0.910	53079.74	0.0027	P	1.3
3	☐	50.000	48.510	2816826.94	0.1420	A	1.0
4	☐	125.000	119.092	7066682.46	0.3486	A	4.9
5	☐	250.000	235.035	13876295.77	0.6880	A	4.3
6	☐	500.000	489.912	27770647.92	1.4341	A	0.7
7	☐	1000.000	1009.598	54535548.08	2.9554	A	3.2
8	☐			5815.92	0.0004	P	43.

$$y = 0.0029 * x + 1.6730E-005$$

$$R = 0.9998$$

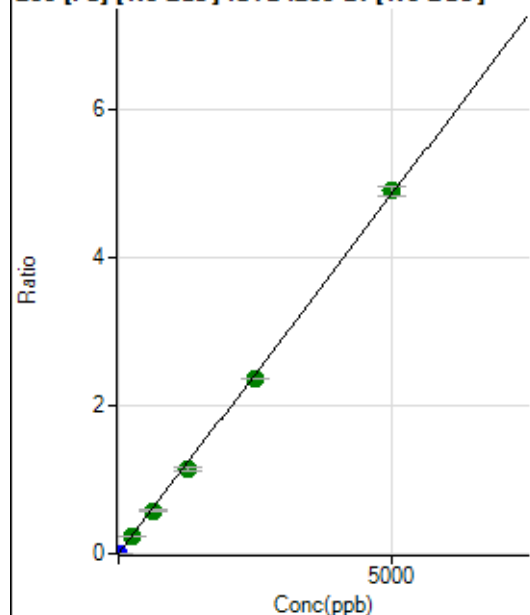
$$DL = 0.00239$$

$$BEC = 0.005715$$

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	4138.44	0.0002	P	2.7
2	☐	1.000	0.799	19526.35	0.0010	P	1.9
3	☐	250.000	244.198	4709794.03	0.2375	A	1.8
4	☐	625.000	597.288	11767595.10	0.5805	A	4.8
5	☐	1250.000	1175.403	23035977.71	1.1422	A	4.1
6	☐	2500.000	2441.912	45943914.31	2.3727	A	0.3
7	☐	5000.000	5051.447	90570779.76	4.9080	A	2.9
8	☐			16121.21	0.0010	P	23.

$$y = 9.7156E-004 * x + 2.0984E-004$$

$$R = 0.9998$$

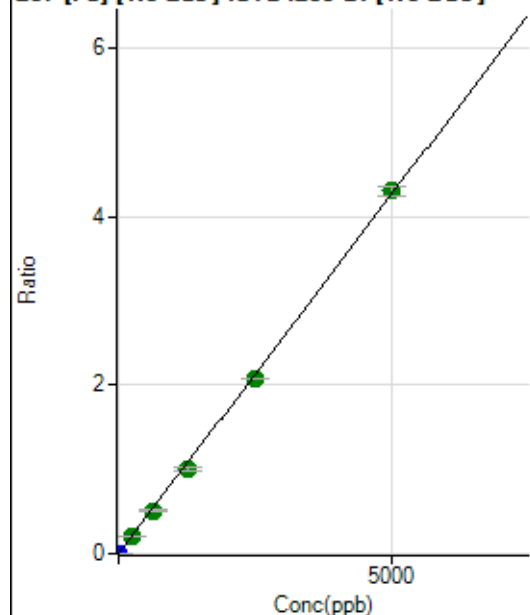
$$DL = 0.01759$$

$$BEC = 0.216$$

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	3674.98	0.0002	P	2.1
2	☐	1.000	0.775	16762.69	0.0008	P	1.7
3	☐	250.000	244.879	4142527.40	0.2089	A	0.9
4	☐	625.000	599.159	10353520.12	0.5108	A	4.3
5	☐	1250.000	1179.684	20278003.59	1.0054	A	4.2
6	☐	2500.000	2441.199	40284556.62	2.0804	A	0.1
7	☐	5000.000	5050.466	79425817.15	4.3039	A	2.7
8	☐			13481.55	0.0008	P	24.

$$y = 8.5214E-004 * x + 1.8638E-004$$

$$R = 0.9998$$

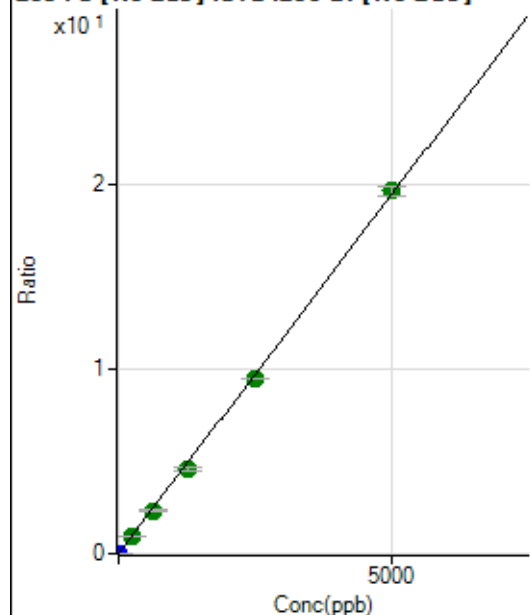
$$DL = 0.014$$

$$BEC = 0.2187$$

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	16499.62	0.0008	P	1.2
2	☐	1.000	0.787	77060.11	0.0039	P	0.9
3	☐	250.000	244.517	18854935.31	0.9506	A	1.1
4	☐	625.000	594.884	46859386.52	2.3116	A	4.4
5	☐	1250.000	1181.335	92564994.46	4.5896	A	4.0
6	☐	2500.000	2435.176	183180743.94	9.4599	A	0.3
7	☐	5000.000	5053.617	362296576.27	19.6309	A	2.4
8	☐			63387.61	0.0038	P	23.

$$y = 0.0039 * x + 8.3679E-004$$

$$R = 0.9998$$

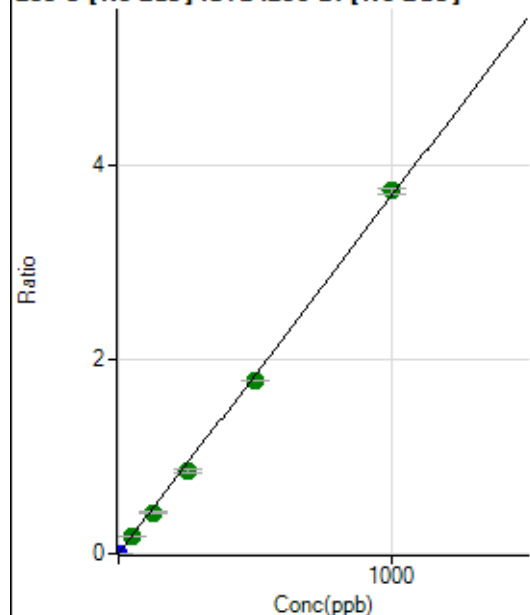
$$DL = 0.007983$$

$$BEC = 0.2154$$

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	65.56	0.0000	P	38.
2	☐	1.000	0.850	62148.95	0.0031	P	0.7
3	☐	50.000	46.913	3434284.98	0.1731	A	0.4
4	☐	125.000	115.537	8644374.04	0.4264	A	3.9
5	☐	250.000	230.732	17174878.91	0.8516	A	4.3
6	☐	500.000	483.795	34575844.48	1.7856	A	0.4
7	☐	1000.000	1014.257	69094188.97	3.7434	A	1.8
8	☐			7373.49	0.0004	P	39.

$$y = 0.0037 * x + 3.3190E-006$$

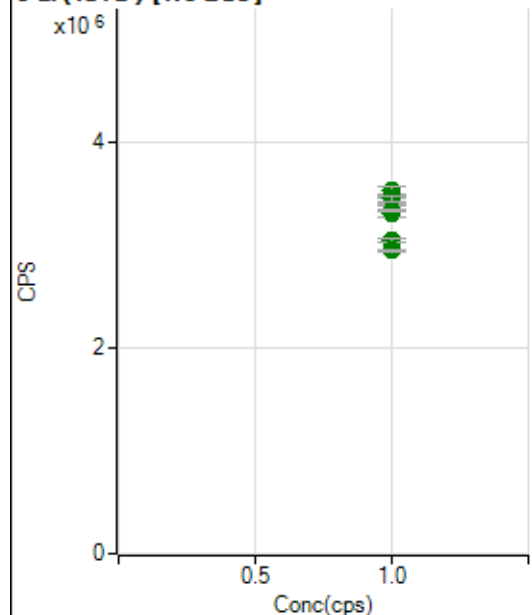
$$R = 0.9996$$

$$DL = 0.001048$$

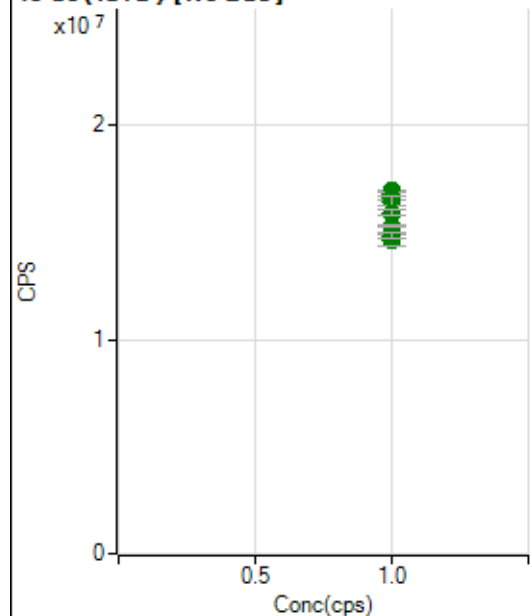
$$BEC = 0.0008993$$

Weight: <None>

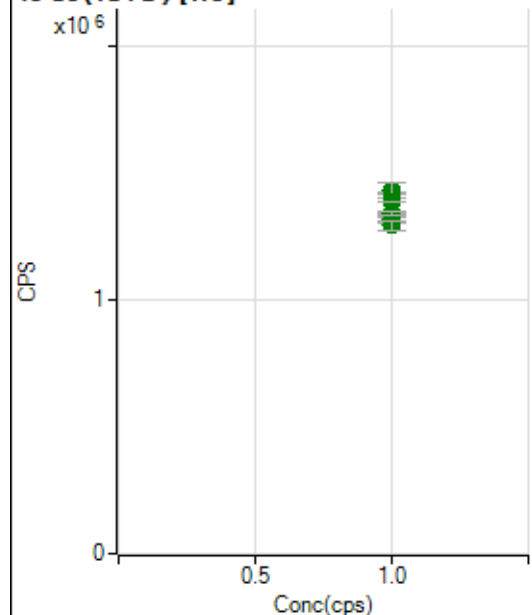
Min Conc: 0

6 Li (ISTD) [No Gas]

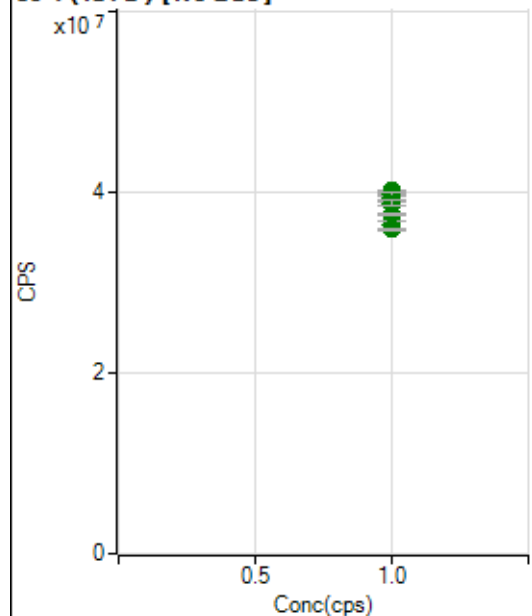
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3314276.78		A	2.4
2	☐	1.000		3403621.49		A	0.6
3	☐	1.000		3463103.95		A	0.4
4	☐	1.000		3532380.61		A	2.2
5	☐	1.000		3454496.66		A	1.7
6	☐	1.000		3337039.51		A	0.8
7	☐	1.000		3052555.74		A	1.8
8	☐	1.000		2951609.67		A	0.5

45 Sc (ISTD) [No Gas]

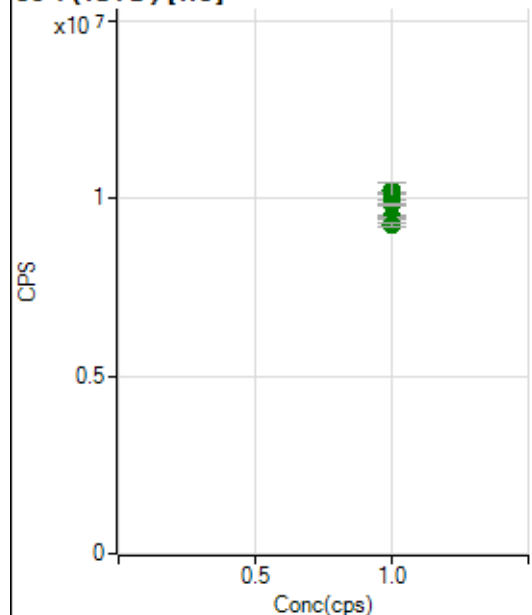
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16947713.78		A	0.5
2	☐	1.000		16810245.58		A	1.1
3	☐	1.000		16622822.53		A	0.8
4	☐	1.000		16477689.06		A	2.6
5	☐	1.000		15935248.93		A	1.3
6	☐	1.000		15290381.02		A	0.7
7	☐	1.000		14653052.28		A	3.4
8	☐	1.000		14852177.00		A	1.5

45 Sc (ISTD) [He]

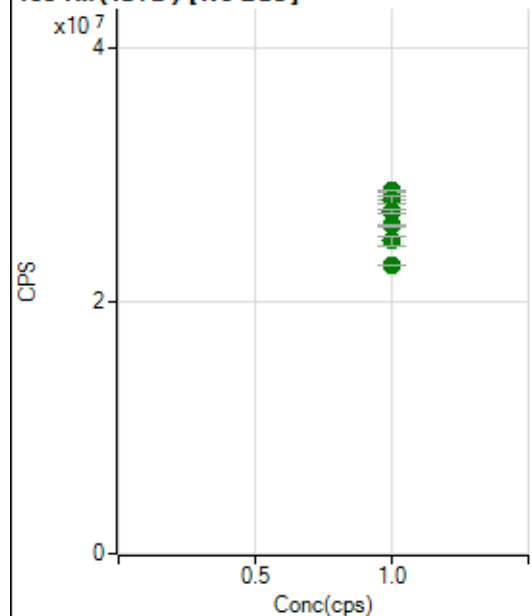
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1417914.15		A	0.7
2	☐	1.000		1428116.75		A	4.1
3	☐	1.000		1384796.07		A	0.3
4	☐	1.000		1335733.35		A	0.6
5	☐	1.000		1315813.37		A	1.2
6	☐	1.000		1312841.56		A	1.7
7	☐	1.000		1337043.02		A	1.1
8	☐	1.000		1292988.96		A	3.0

89 Y (ISTD) [No Gas]

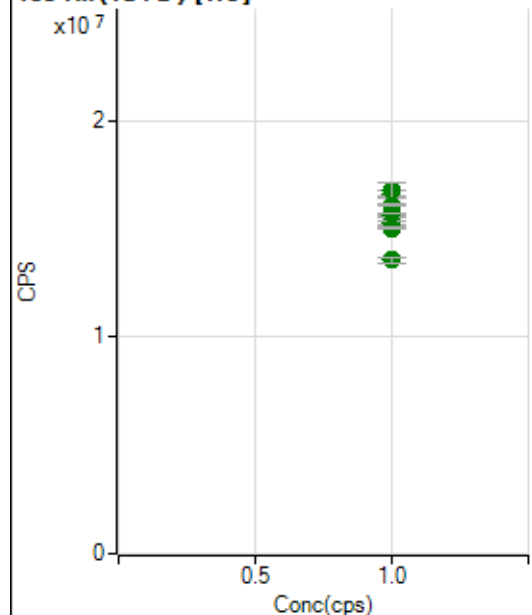
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		40014993.57		A	1.2
2	☐	1.000		40121427.46		A	0.6
3	☐	1.000		39806478.02		A	1.0
4	☐	1.000		39371959.14		A	2.8
5	☐	1.000		38801113.03		A	1.9
6	☐	1.000		37509347.50		A	1.0
7	☐	1.000		36277813.35		A	3.1
8	☐	1.000		35870898.63		A	0.5

89 Y (ISTD) [He]

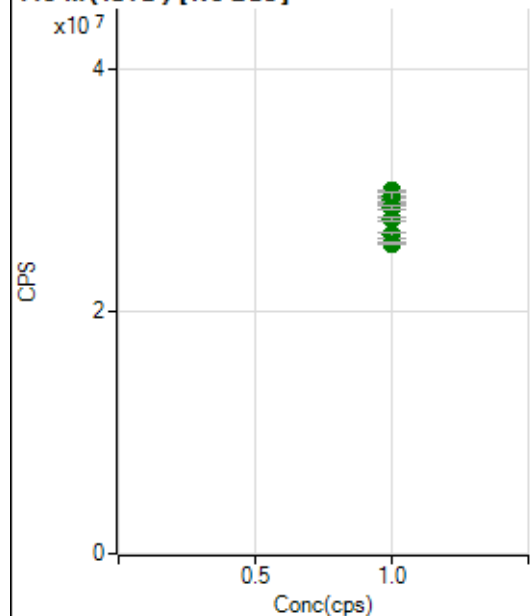
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10130242.00		A	0.8
2	☐	1.000		10198715.82		A	4.7
3	☐	1.000		9813928.81		A	0.9
4	☐	1.000		9486802.08		A	0.2
5	☐	1.000		9422055.90		A	0.8
6	☐	1.000		9427734.51		A	0.5
7	☐	1.000		9443596.39		A	0.5
8	☐	1.000		9230920.42		A	0.9

103 Rh (ISTD) [No Gas]

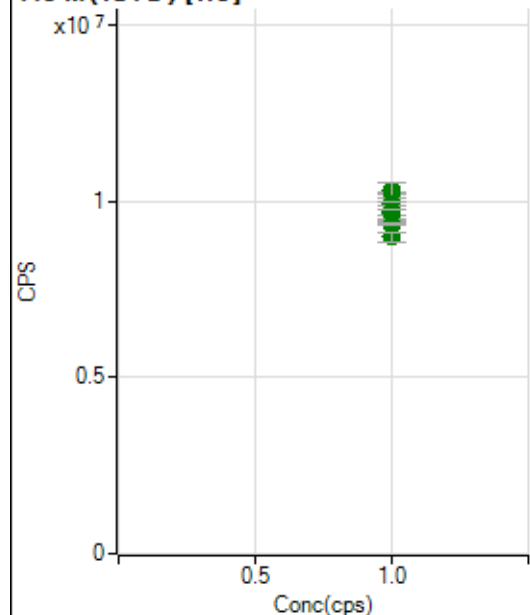
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		28649382.63		A	0.8
2	☐	1.000		28699403.46		A	0.5
3	☐	1.000		28039472.08		A	0.1
4	☐	1.000		27959495.14		A	2.0
5	☐	1.000		27058927.93		A	1.5
6	☐	1.000		25937463.22		A	0.9
7	☐	1.000		24740490.74		A	3.0
8	☐	1.000		22830992.16		A	0.5

103 Rh (ISTD) [He]

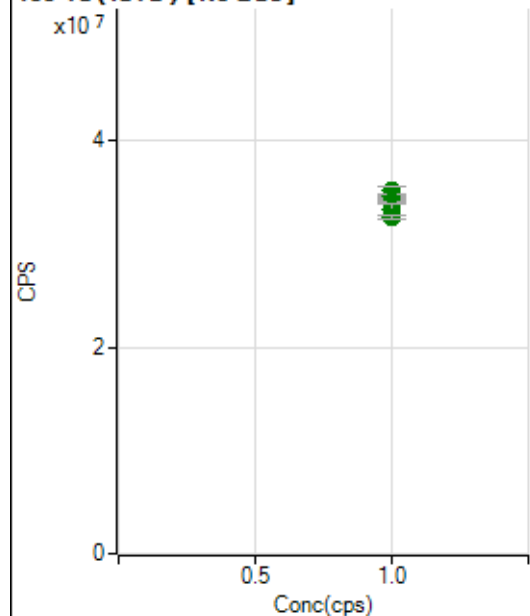
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16653129.06		A	1.3
2	☐	1.000		16761358.08		A	4.2
3	☐	1.000		16083237.96		A	0.5
4	☐	1.000		15669521.02		A	0.5
5	☐	1.000		15623441.99		A	0.7
6	☐	1.000		15321147.55		A	1.2
7	☐	1.000		15047989.50		A	0.3
8	☐	1.000		13575841.32		A	2.0

115 In (ISTD) [No Gas]

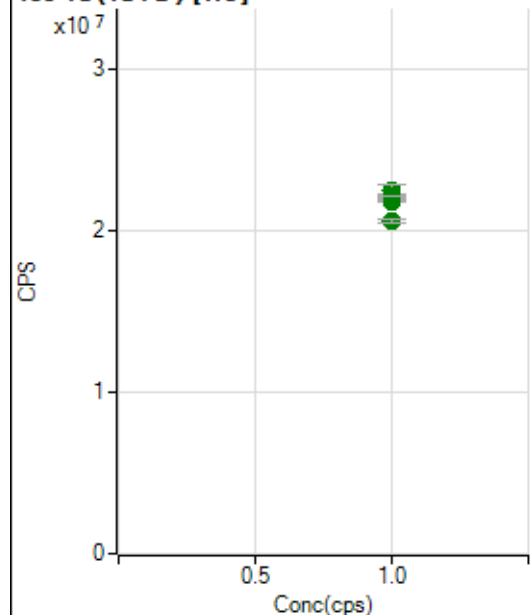
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		29442942.06		A	0.8
2	☐	1.000		29917319.62		A	0.6
3	☐	1.000		29119698.65		A	1.3
4	☐	1.000		29443151.32		A	3.0
5	☐	1.000		28528513.67		A	1.4
6	☐	1.000		27546416.82		A	1.2
7	☐	1.000		26278888.62		A	1.8
8	☐	1.000		25583322.75		A	0.7

115 In (ISTD) [He]

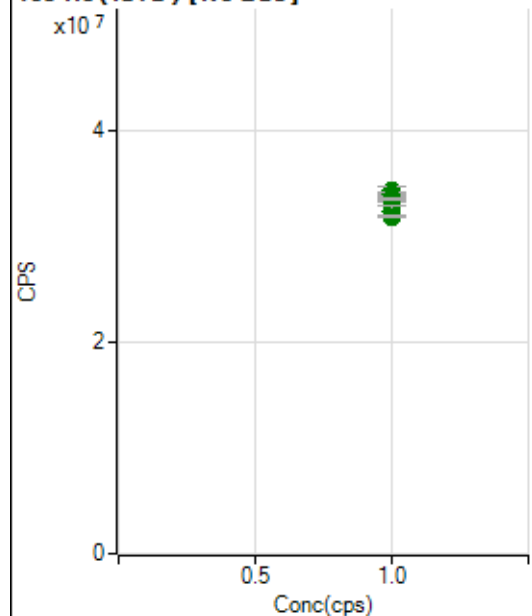
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10204871.62		A	0.6
2	☐	1.000		10289103.43		A	4.1
3	☐	1.000		9923208.01		A	0.8
4	☐	1.000		9693924.92		A	1.7
5	☐	1.000		9671017.49		A	1.4
6	☐	1.000		9465617.22		A	0.8
7	☐	1.000		9345934.71		A	0.2
8	☐	1.000		8971539.20		A	2.5

159 Tb (ISTD) [No Gas]

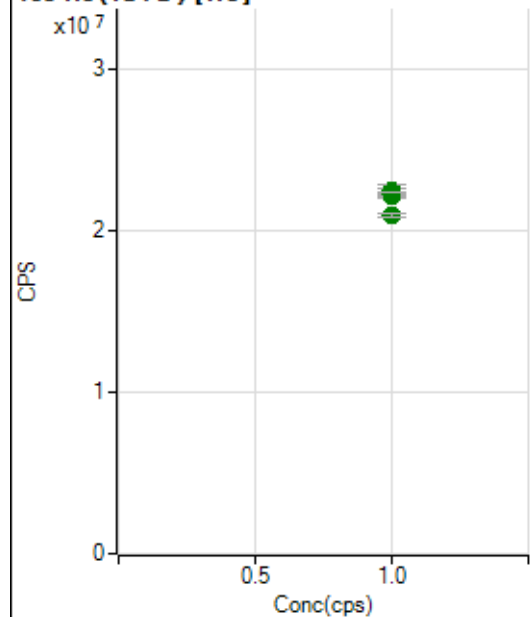
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		34526045.32		A	0.4
2	☐	1.000		34615325.04		A	1.6
3	☐	1.000		34524238.37		A	1.0
4	☐	1.000		35151332.53		A	2.0
5	☐	1.000		34611016.98		A	1.0
6	☐	1.000		34097666.44		A	0.3
7	☐	1.000		33374359.78		A	3.1
8	☐	1.000		32608351.74		A	1.4

159 Tb (ISTD) [He]

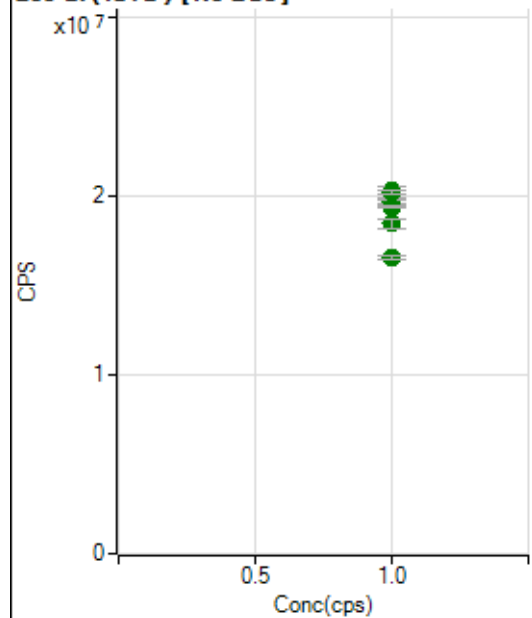
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21854712.18		A	0.5
2	☐	1.000		22498006.61		A	3.9
3	☐	1.000		22137519.39		A	0.3
4	☐	1.000		21931485.78		A	0.4
5	☐	1.000		22187522.44		A	1.5
6	☐	1.000		22190989.95		A	0.3
7	☐	1.000		22226109.11		A	0.1
8	☐	1.000		20655795.25		A	1.0

165 Ho (ISTD) [No Gas]

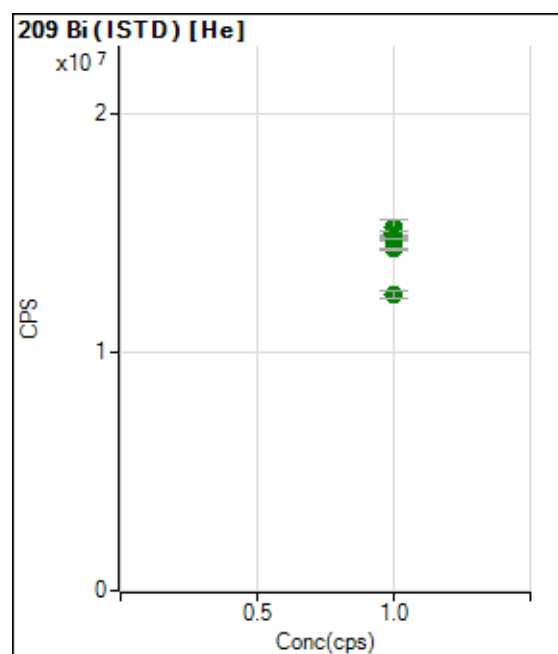
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		33510796.72		A	0.5
2	☐	1.000		33648633.94		A	0.5
3	☐	1.000		33478783.39		A	0.6
4	☐	1.000		34355249.49		A	2.2
5	☐	1.000		34052345.60		A	1.3
6	☐	1.000		33658227.83		A	0.6
7	☐	1.000		32501771.74		A	2.4
8	☐	1.000		31952993.41		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		22114960.50		A	0.5
2	☐	1.000		22427098.00		A	3.9
3	☐	1.000		22098007.17		A	0.7
4	☐	1.000		22050781.89		A	0.4
5	☐	1.000		22363923.55		A	1.5
6	☐	1.000		22257621.33		A	0.8
7	☐	1.000		22352269.11		A	0.4
8	☐	1.000		20929197.33		A	1.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		19717774.15		A	1.2
2	☐	1.000		19793841.93		A	0.3
3	☐	1.000		19834265.95		A	0.2
4	☐	1.000		20282549.42		A	2.1
5	☐	1.000		20174451.78		A	1.1
6	☐	1.000		19363678.74		A	0.5
7	☐	1.000		18463629.03		A	2.8
8	☐	1.000		16545262.25		A	0.9



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14990342.28		A	0.9
2	☐	1.000		15211025.88		A	4.2
3	☐	1.000		14928565.33		A	0.4
4	☐	1.000		14743359.22		A	1.0
5	☐	1.000		14931479.22		A	1.7
6	☐	1.000		14732120.75		A	0.0
7	☐	1.000		14326238.12		A	0.5
8	☐	1.000		12428600.23		A	2.3