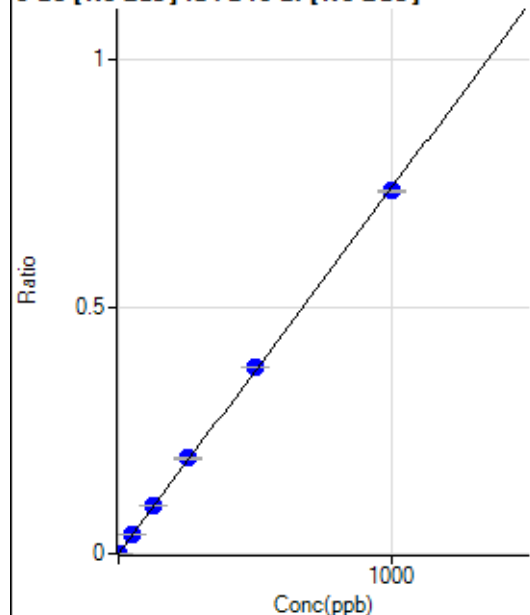


Batch Folder: C:\Agilent\ICPMH\1\DATA\P7061921MSS .b\
Analysis File: P7061921MSS .batch.bin
DA Date-Time: 2021-06-21 00:30:12
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-06-19 12:15:58
2	004CALS.d	S02	2021-06-19 12:19:08
3	006CALS.d	S03	2021-06-19 12:25:26
4	007CALS.d	S04	2021-06-19 12:28:35
5	008CALS.d	S05	2021-06-19 12:31:42
6	009CALS.d	S06	2021-06-19 12:34:46
7	010CALS.d	S07	2021-06-19 12:37:46
8	011CALS.d	S08	2021-06-19 12:40:44

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	92.60	0.0001	P	35.8
2	☐	1.000	1.090	1518.62	0.0009	P	6.4
3	☐	50.000	52.315	68736.20	0.0388	P	0.9
4	☐	125.000	130.406	169568.85	0.0966	P	0.7
5	☐	250.000	260.279	333042.69	0.1928	P	0.3
6	☐	500.000	509.594	627470.07	0.3773	P	0.6
7	☐	1000.000	991.842	1156334.63	0.7344	P	0.4
8	☐			312.97	0.0002	P	14.0

$$y = 7.4037\text{E-}004 * x + 5.2700\text{E-}005$$

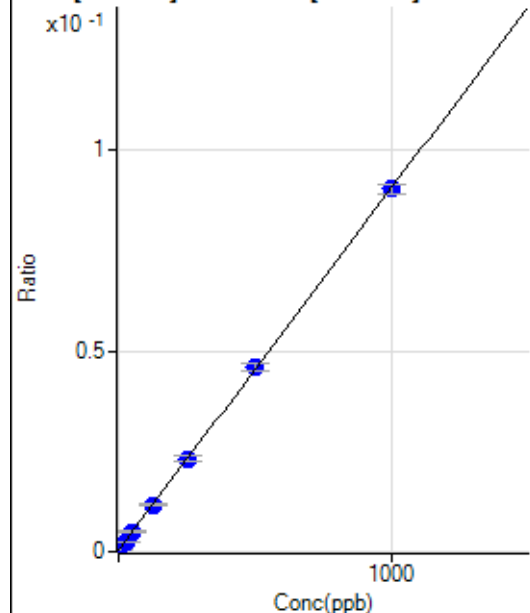
$$R = 0.9999$$

$$DL = 0.07641$$

$$BEC = 0.07118$$

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	669.47	0.0004	P	9.5
2	☐	25.000	24.061	4503.55	0.0026	P	5.9
3	☐	50.000	51.248	8866.69	0.0050	P	3.8
4	☐	125.000	125.603	20556.05	0.0117	P	3.5
5	☐	250.000	251.933	39908.74	0.0231	P	6.1
6	☐	500.000	503.750	76177.59	0.0458	P	3.9
7	☐	1000.000	997.528	142253.69	0.0904	P	2.6
8	☐			5915.20	0.0038	P	12.3

$$y = 9.0197\text{E-}005 * x + 3.8029\text{E-}004$$

$$R = 1.0000$$

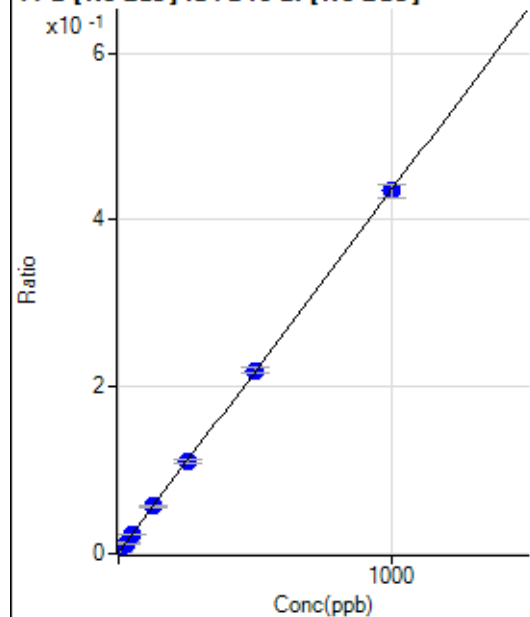
$$DL = 1.208$$

$$BEC = 4.216$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2969.82	0.0017	P	4.9
2	☐	25.000	25.178	22283.54	0.0126	P	6.2
3	☐	50.000	50.659	41972.69	0.0237	P	2.8
4	☐	125.000	126.731	99564.90	0.0567	P	2.2
5	☐	250.000	252.509	192334.12	0.1113	P	3.8
6	☐	500.000	502.797	365818.74	0.2200	P	3.7
7	☐	1000.000	997.720	684717.80	0.4349	P	3.6
8	☐			29078.67	0.0188	P	12.2

$$y = 4.3423\text{E-}004 * x + 0.0017$$

$$R = 1.0000$$

$$DL = 0.5676$$

$$BEC = 3.885$$

Weight: <None>

Min Conc: 0

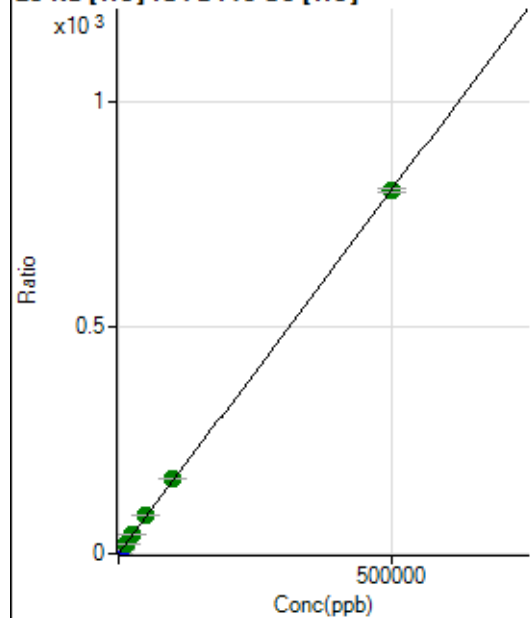
12 C [No Gas] No available calibration points



	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	13133.80	0.0458	P	1.5
2	☐	500.000	548.095	265887.95	0.9261	P	0.8
3	☐	5000.000	5416.470	2451927.49	8.7460	P	2.4
4	☐	12500.000	13022.454	5869363.11	20.9631	A	0.4
5	☐	25000.000	25840.484	11293495.39	41.5520	A	0.4
6	☐	50000.000	52101.448	20869880.85	83.7336	A	0.2
7	☐	100000.00	103718.34	39787142.21	166.6431	A	0.4
8	☐	500000.00	498986.88	202327346.1	801.5421	A	0.9

$$y = 0.0016 * x + 0.0458$$

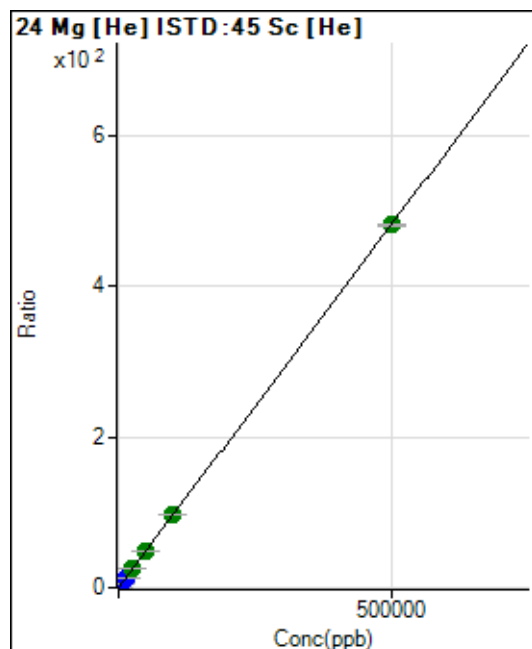
$$R = 1.0000$$

$$DL = 1.297$$

$$BEC = 28.49$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	494.46	0.0017	P	1.5
2	☐	500.000	534.797	148281.64	0.5165	P	0.7
3	☐	5000.000	5382.117	1452803.97	5.1824	P	2.7
4	☐	12500.000	13166.830	3549040.88	12.6757	P	0.6
5	☐	25000.000	25468.058	6663169.81	24.5166	A	1.1
6	☐	50000.000	51478.232	12350687.17	49.5532	A	0.3
7	☐	100000.00	100888.48	23186094.27	97.1141	A	1.3
8	☐	500000.00	499630.55	121397845.7	480.9319	A	0.4

$$y = 9.6257\text{E-}004 * x + 0.0017$$

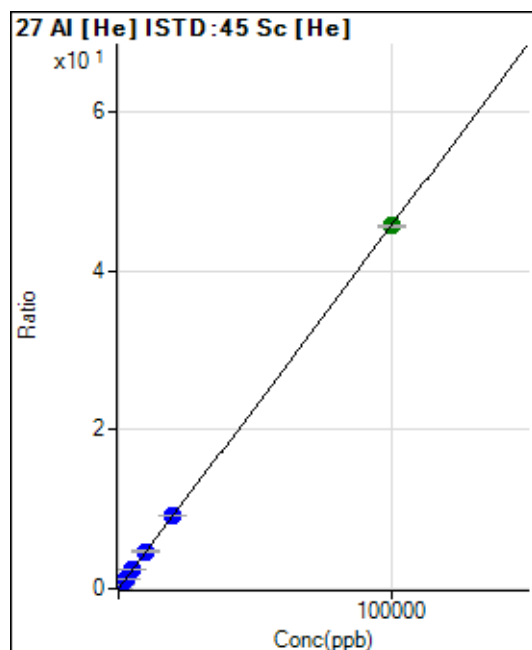
$$R = 1.0000$$

$$DL = 0.07994$$

$$BEC = 1.79$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.23	0.0003	P	39.7
2	☐	20.000	23.124	3133.75	0.0109	P	1.8
3	☐	1000.000	1068.956	137164.63	0.4893	P	3.2
4	☐	2500.000	2622.706	335995.18	1.2001	P	0.2
5	☐	5000.000	5174.528	643398.93	2.3673	P	1.5
6	☐	10000.000	10305.107	1174993.62	4.7143	P	0.6
7	☐	20000.000	20288.050	2215851.14	9.2808	P	0.4
8	☐	100000.00	99899.395	11535276.38	45.6978	A	0.9

$$y = 4.5743\text{E-}004 * x + 3.3815\text{E-}004$$

$$R = 1.0000$$

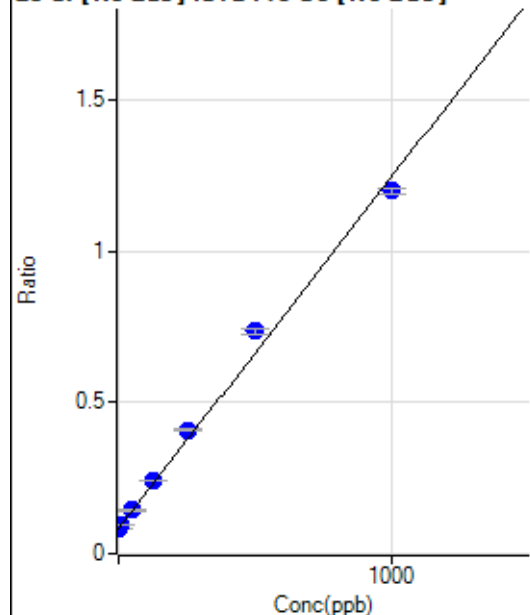
$$DL = 0.8806$$

$$BEC = 0.7392$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	296267.53	0.0829	P	0.8
2	☐	10.000	9.013	335027.47	0.0934	P	0.5
3	☐	50.000	52.470	519262.06	0.1439	P	1.3
4	☐	125.000	136.499	854526.51	0.2417	P	2.5
5	☐	250.000	280.555	1425867.45	0.4092	P	2.6
6	☐	500.000	560.926	2404450.66	0.7353	P	2.0
7	☐	1000.000	960.347	3659400.82	1.1998	P	1.5
8	☐			345692.32	0.1142	P	1.9

$$y = 0.0012 * x + 0.0829$$

$$R = 0.9965$$

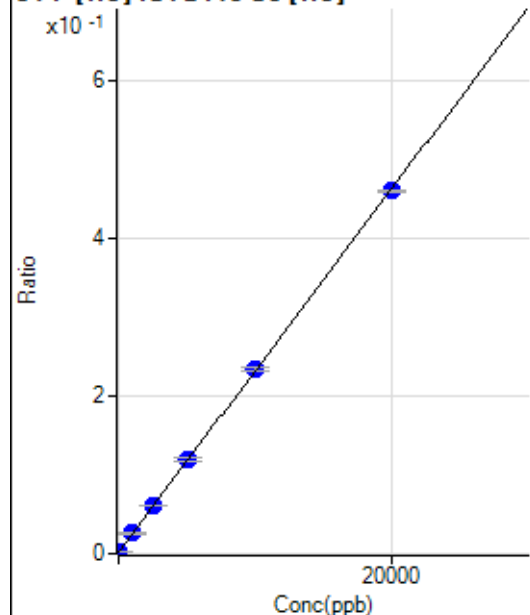
$$DL = 1.636$$

$$BEC = 71.3$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	2.528	497.25	0.0017	P	7.6
2	☐	0.000	-2.528	463.91	0.0016	P	3.1
3	☐	1000.000	1041.951	7210.28	0.0257	P	3.3
4	☐	2500.000	2544.683	16912.77	0.0604	P	1.0
5	☐	5000.000	5113.616	32530.39	0.1197	P	2.4
6	☐	10000.000	10135.604	58718.53	0.2356	P	2.1
7	☐	20000.000	19896.111	110038.71	0.4609	P	0.6
8	☐			380.57	0.0015	P	31.1

$$y = 2.3080E-005 * x + 0.0017$$

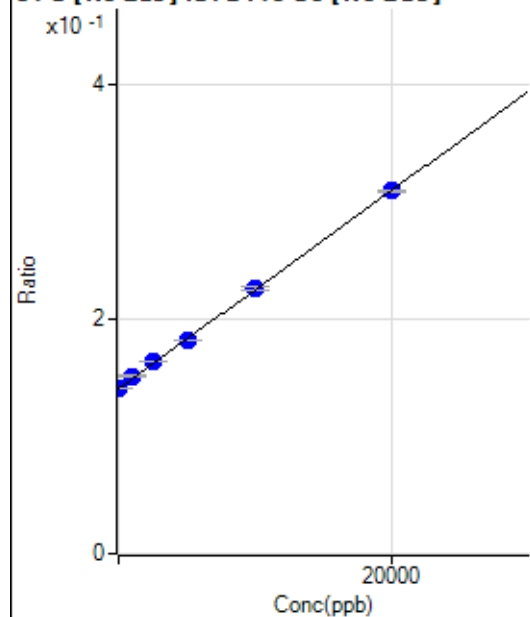
$$R = 0.9999$$

$$DL = 11.83$$

$$BEC = 72.55$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	7.101	502669.87	0.1407	P	0.3
2	☐	0.000	-7.101	504214.88	0.1406	P	0.5
3	☐	1000.000	1282.272	546387.37	0.1515	P	1.2
4	☐	2500.000	2785.296	580563.11	0.1642	P	0.3
5	☐	5000.000	4915.584	634840.30	0.1822	P	0.3
6	☐	10000.000	10062.109	738114.80	0.2257	P	1.6
7	☐	20000.000	19940.274	943028.89	0.3092	P	0.8
8	☐			419209.99	0.1385	P	0.2

$$y = 8.4516\text{E-}006 * x + 0.1406$$

$$R = 0.9998$$

$$DL = 204.9$$

$$BEC = 1.664\text{E}+04$$

Weight: <None>

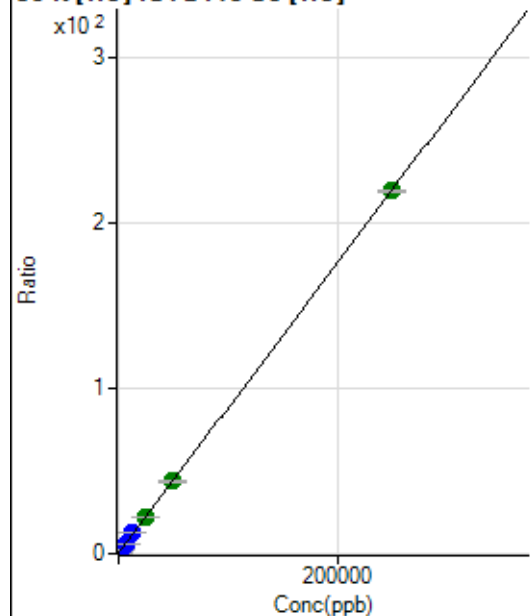
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j 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	55615.52	0.1938	P	2.8
2	☐	500.000	559.801	196345.05	0.6839	P	0.6
3	☐	2500.000	2849.866	753810.96	2.6889	P	2.6
4	☐	6250.000	6930.935	1753250.32	6.2620	P	0.4
5	☐	12500.000	13801.459	3336859.45	12.2773	P	0.2
6	☐	25000.000	25308.877	5571224.34	22.3524	A	0.4
7	☐	50000.000	49653.600	10425671.24	43.6669	A	0.6
8	☐	250000.00	249952.67	55289334.57	219.0341	A	0.6

$$y = 8.7553E-004 * x + 0.1938$$

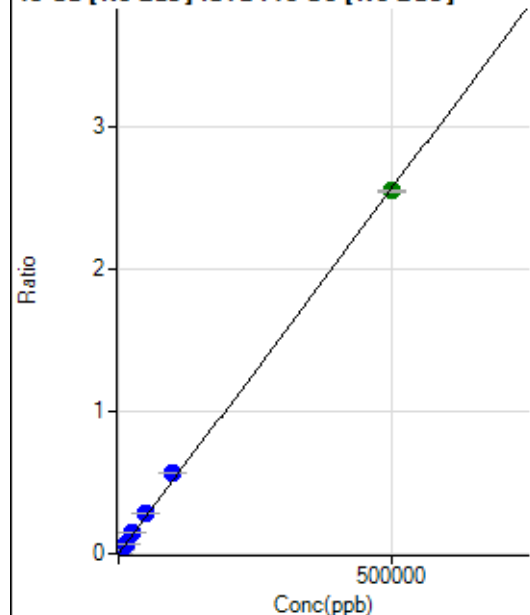
$$R = 1.0000$$

$$DL = 18.5$$

$$BEC = 221.3$$

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	130.56	0.0000	P	30.3
2	☐	500.000	552.008	10270.49	0.0029	P	3.6
3	☐	5000.000	5562.243	102877.61	0.0285	P	0.4
4	☐	12500.000	13980.640	253293.22	0.0716	P	0.3
5	☐	25000.000	27871.072	497465.56	0.1428	P	0.2
6	☐	50000.000	55796.538	934585.44	0.2858	P	0.6
7	☐	100000.00	110247.87	1722109.82	0.5646	P	0.2
8	☐	500000.00	497184.52	7707548.00	2.5460	A	0.3

$$y = 5.1209\text{E-}006 * x + 3.6556\text{E-}005$$

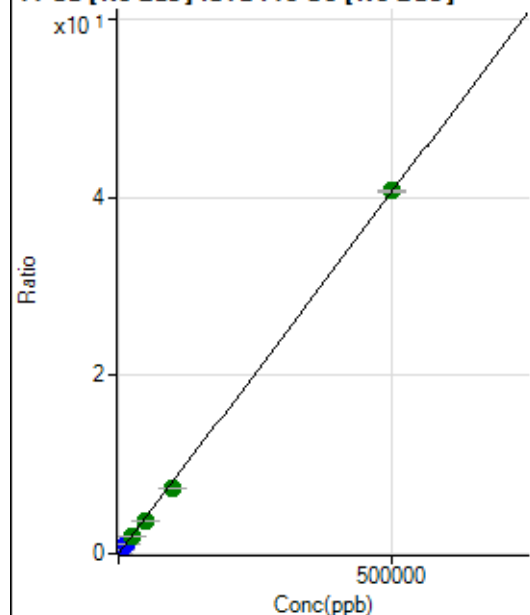
$$R = 0.9997$$

$$DL = 6.495$$

$$BEC = 7.139$$

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	8468.51	0.0024	P	4.5
2	☐	500.000	555.016	169898.88	0.0474	P	1.4
3	☐	5000.000	5003.441	1471767.93	0.4080	P	1.5
4	☐	12500.000	12505.330	3593525.10	1.0162	P	0.2
5	☐	25000.000	22821.405	6455549.34	1.8526	A	0.4
6	☐	50000.000	45684.267	12121098.21	3.7062	A	0.8
7	☐	100000.00	91121.268	22540769.37	7.3899	A	0.4
8	☐	500000.00	502316.02	123294456.4	40.7270	A	0.8

$$y = 8.1074\text{E-}005 * x + 0.0024$$

$$R = 0.9998$$

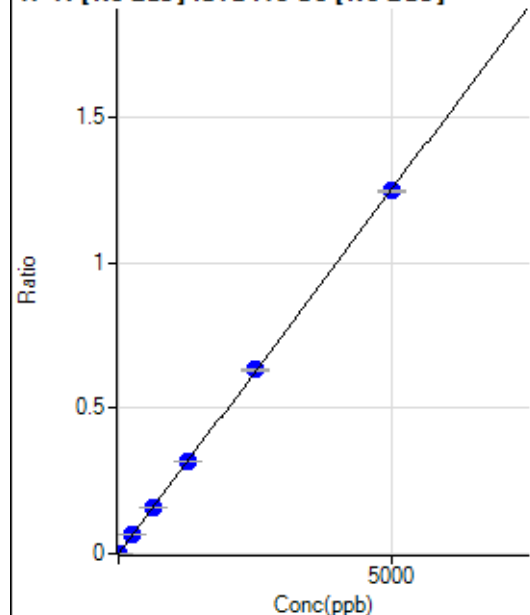
$$DL = 3.991$$

$$BEC = 29.24$$

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	86.12	0.0000	P	44.8
2	☐	5.000	5.194	4748.09	0.0013	P	4.6
3	☐	250.000	251.814	227382.59	0.0630	P	0.7
4	☐	625.000	635.348	562264.49	0.1590	P	0.7
5	☐	1250.000	1268.118	1105842.87	0.3173	P	0.3
6	☐	2500.000	2522.659	2064552.58	0.6313	P	0.5
7	☐	5000.000	4982.757	3803062.54	1.2469	P	0.5
8	☐			816.71	0.0003	P	6.5

$$y = 2.5023\text{E-}004 * x + 2.4117\text{E-}005$$

$$R = 1.0000$$

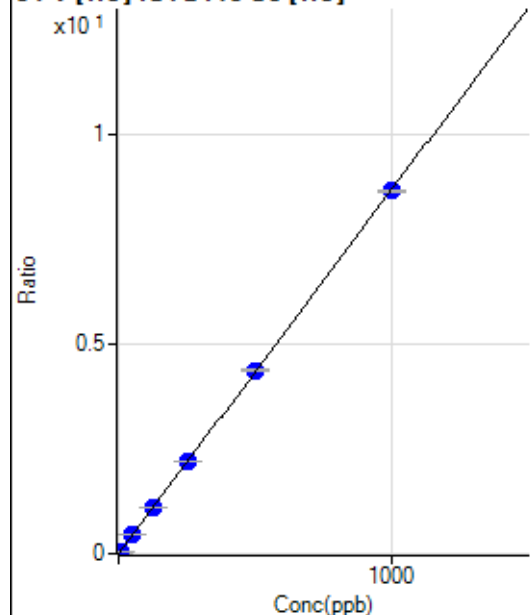
$$DL = 0.1296$$

$$BEC = 0.09638$$

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	18.89	0.0001	P	9.9
2	☐	5.000	5.270	13161.54	0.0458	P	2.3
3	☐	50.000	52.145	126985.47	0.4530	P	3.5
4	☐	125.000	126.741	308270.89	1.1010	P	0.4
5	☐	250.000	252.675	596573.84	2.1950	P	1.0
6	☐	500.000	503.857	1090927.68	4.3770	P	0.4
7	☐	1000.000	997.077	2067979.26	8.6614	P	0.4
8	☐			446.68	0.0018	P	3.0

$$y = 0.0087 * x + 6.5809\text{E-}005$$

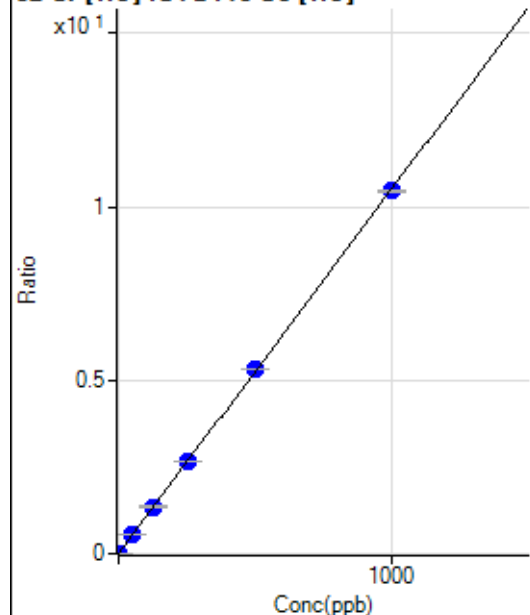
$$R = 1.0000$$

$$DL = 0.002239$$

$$BEC = 0.007576$$

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	1415.64	0.0049	P	1.9
2	☐	2.000	2.145	7882.17	0.0275	P	1.0
3	☐	50.000	52.181	154992.83	0.5529	P	2.7
4	☐	125.000	128.517	379235.78	1.3545	P	0.6
5	☐	250.000	254.017	726310.52	2.6723	P	0.4
6	☐	500.000	505.431	1324076.36	5.3124	P	0.5
7	☐	1000.000	995.731	2497625.78	10.4610	P	0.6
8	☐			6180.24	0.0245	P	1.8

$$y = 0.0105 * x + 0.0049$$

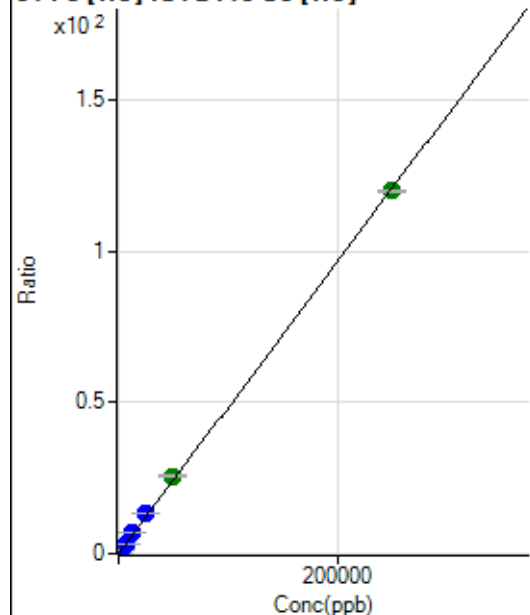
$$R = 1.0000$$

$$DL = 0.0271$$

$$BEC = 0.4698$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1231.32	0.0043	P	7.6
2	☐	50.000	58.350	9292.46	0.0324	P	2.9
3	☐	2500.000	2901.019	392600.43	1.4004	P	2.4
4	☐	6250.000	7115.096	959888.37	3.4284	P	0.2
5	☐	12500.000	14043.468	1837996.01	6.7626	P	0.6
6	☐	25000.000	28007.971	3360533.93	13.4829	P	0.3
7	☐	50000.000	53365.651	6132752.85	25.6860	A	0.7
8	☐	250000.00	248923.26	30239178.74	119.7964	A	0.5

$$y = 4.8124E-004 * x + 0.0043$$

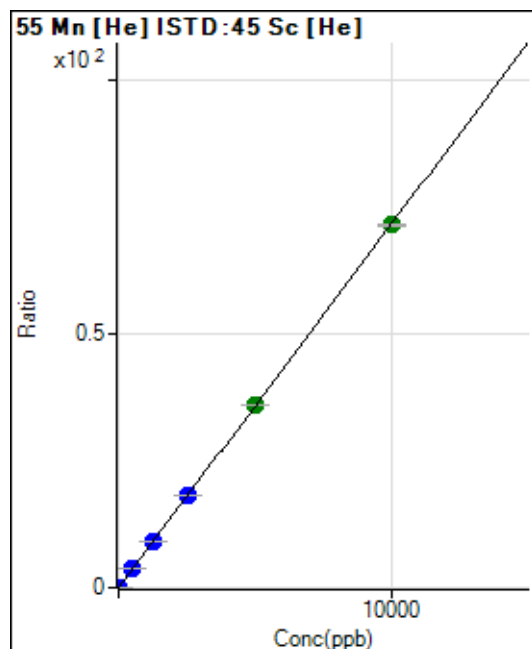
$$R = 0.9999$$

$$DL = 2.045$$

$$BEC = 8.915$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	120.00	0.0004	P	37.7
2	☐	1.000	1.043	2267.98	0.0079	P	8.8
3	☐	500.000	527.003	1059049.52	3.7781	P	3.3
4	☐	1250.000	1286.740	2582605.94	9.2241	P	0.1
5	☐	2500.000	2546.080	4960516.39	18.2513	P	0.1
6	☐	5000.000	5015.169	8960553.41	35.9503	A	0.6
7	☐	10000.000	9974.953	17071754.89	71.5033	A	0.7
8	☐			9110.65	0.0361	P	0.0

$$y = 0.0072 * x + 4.1835E-004$$

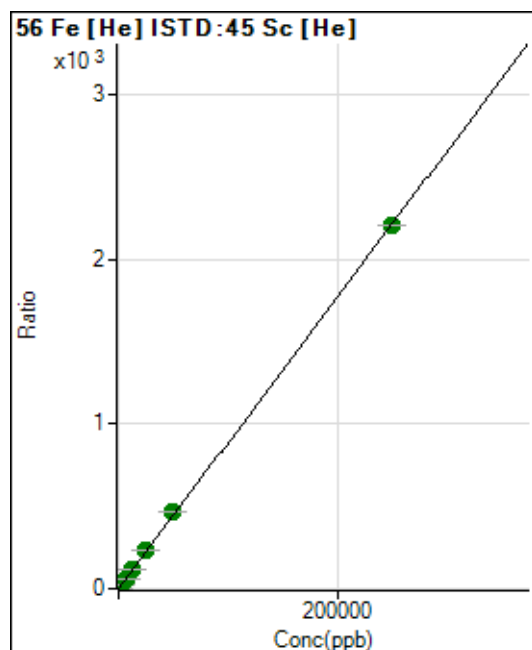
$$R = 1.0000$$

$$DL = 0.06596$$

$$BEC = 0.05836$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7527.97	0.0262	P	0.4
2	☐	50.000	57.588	153449.35	0.5345	P	1.9
3	☐	2500.000	2699.138	6685513.34	23.8502	A	3.2
4	☐	6250.000	6635.380	16405113.79	58.5936	A	1.2
5	☐	12500.000	13204.256	31683457.42	116.5739	A	0.4
6	☐	25000.000	26554.805	58424611.95	234.4128	A	0.7
7	☐	50000.000	52549.951	110748811.7	463.8595	A	0.6
8	☐	250000.00	249287.68	555418479.0	2,200.369	A	0.1

$$y = 0.0088 * x + 0.0262$$

$$R = 0.9999$$

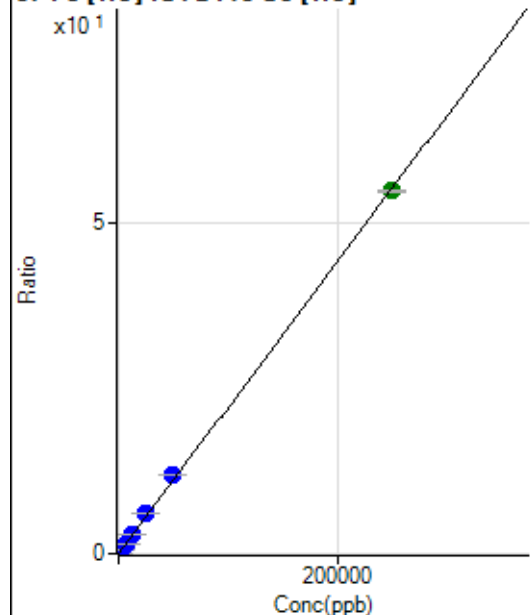
$$DL = 0.03491$$

$$BEC = 2.972$$

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	188.89	0.0007	P	26.2
2	☐	50.000	59.073	3933.93	0.0137	P	1.4
3	☐	2500.000	2811.039	174186.92	0.6214	P	3.5
4	☐	6250.000	6901.174	426886.14	1.5247	P	0.8
5	☐	12500.000	13732.123	824385.71	3.0332	P	0.3
6	☐	25000.000	27346.646	1505363.31	6.0398	P	0.4
7	☐	50000.000	54031.905	2849009.90	11.9328	P	0.7
8	☐	250000.00	248877.95	13873274.27	54.9616	A	0.7

$$y = 2.2084\text{E-}004 * x + 6.5742\text{E-}004$$

$$R = 0.9998$$

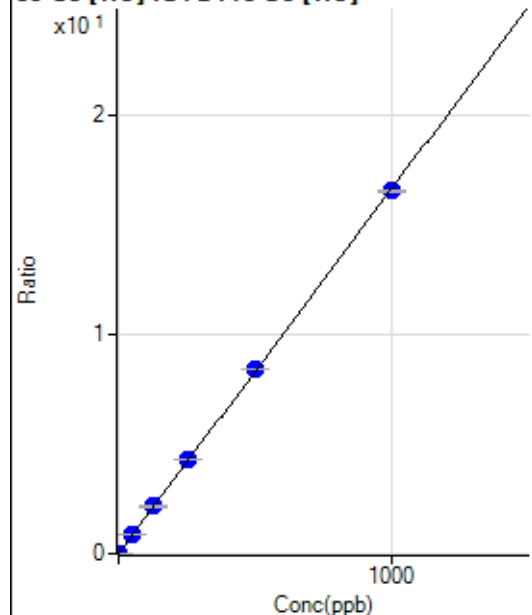
$$DL = 2.341$$

$$BEC = 2.977$$

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	170.01	0.0006	P	17.4
2	☐	1.000	1.059	5220.97	0.0182	P	2.7
3	☐	50.000	53.154	247709.53	0.8837	P	3.0
4	☐	125.000	129.244	601340.85	2.1478	P	0.3
5	☐	250.000	256.355	1157690.20	4.2595	P	0.3
6	☐	500.000	505.719	2094216.26	8.4023	P	0.6
7	☐	1000.000	994.863	3946342.65	16.5287	P	0.4
8	☐			6086.87	0.0241	P	0.8

$$y = 0.0166 * x + 5.9267\text{E-}004$$

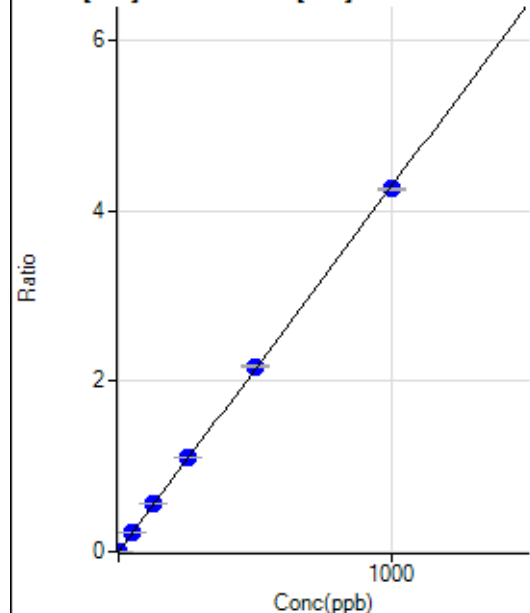
$$R = 1.0000$$

$$DL = 0.01862$$

$$BEC = 0.03567$$

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	202.23	0.0007	P	7.7
2	☐	1.000	1.109	1567.88	0.0055	P	3.4
3	☐	50.000	53.457	64470.67	0.2300	P	2.7
4	☐	125.000	130.670	157106.28	0.5611	P	0.6
5	☐	250.000	258.509	301522.15	1.1094	P	0.2
6	☐	500.000	507.548	542715.33	2.1775	P	1.1
7	☐	1000.000	993.217	1017197.17	4.2604	P	0.4
8	☐			1800.13	0.0071	P	2.4

$$y = 0.0043 * x + 7.0454E-004$$

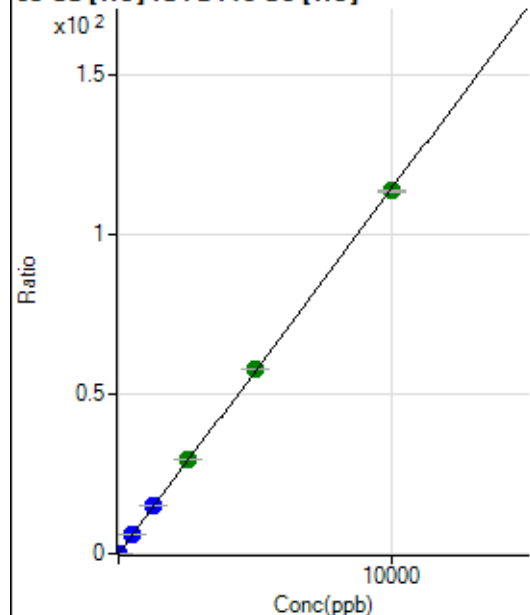
$$R = 0.9999$$

$$DL = 0.03818$$

$$BEC = 0.1643$$

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	1240.07	0.0043	P	7.2
2	☐	2.000	2.081	8066.74	0.0281	P	1.3
3	☐	500.000	534.679	1714201.64	6.1149	P	2.8
4	☐	1250.000	1298.643	4156614.59	14.8459	P	0.4
5	☐	2500.000	2572.369	7991353.70	29.4027	A	0.2
6	☐	5000.000	5059.544	14413126.87	57.8275	A	0.4
7	☐	10000.000	9944.321	27135213.21	113.6533	A	0.7
8	☐			7094.01	0.0281	P	2.2

$$y = 0.0114 * x + 0.0043$$

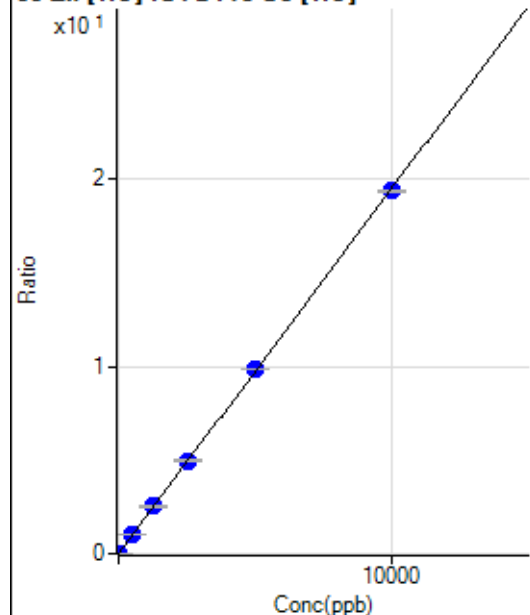
$$R = 0.9999$$

$$DL = 0.08159$$

$$BEC = 0.378$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	267.13	0.0009	P	14.4
2	☐	2.000	2.107	1445.70	0.0050	P	4.5
3	☐	500.000	524.426	286683.87	1.0226	P	2.2
4	☐	1250.000	1292.885	705453.50	2.5196	P	1.0
5	☐	2500.000	2554.370	1352711.67	4.9770	P	0.2
6	☐	5000.000	5072.277	2463024.34	9.8821	P	0.4
7	☐	10000.000	9943.687	4625170.93	19.3720	P	0.6
8	☐			6986.99	0.0277	P	1.7

$$y = 0.0019 * x + 9.3020E-004$$

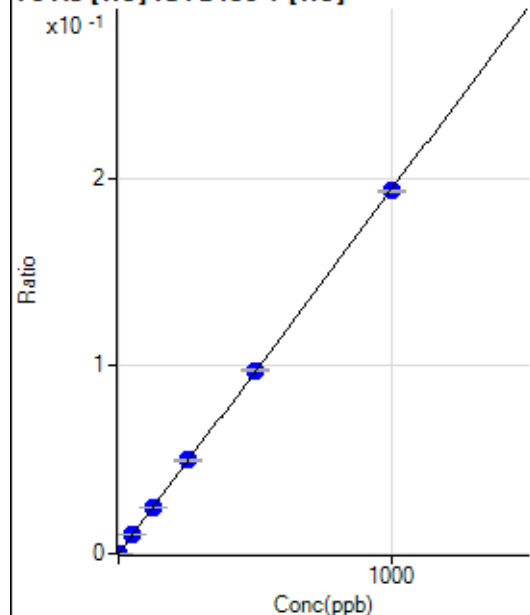
$$R = 0.9999$$

$$DL = 0.2058$$

$$BEC = 0.4775$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	33.5
2	☐	1.000	1.040	363.58	0.0002	P	3.6
3	☐	50.000	52.974	17926.50	0.0103	P	1.2
4	☐	125.000	128.082	43687.39	0.0249	P	0.8
5	☐	250.000	256.704	84692.35	0.0499	P	0.7
6	☐	500.000	503.465	154896.69	0.0978	P	0.5
7	☐	1000.000	996.058	296498.12	0.1934	P	0.5
8	☐			119.76	0.0001	P	4.0

$$y = 1.9420E-004 * x + 3.1349E-006$$

$$R = 1.0000$$

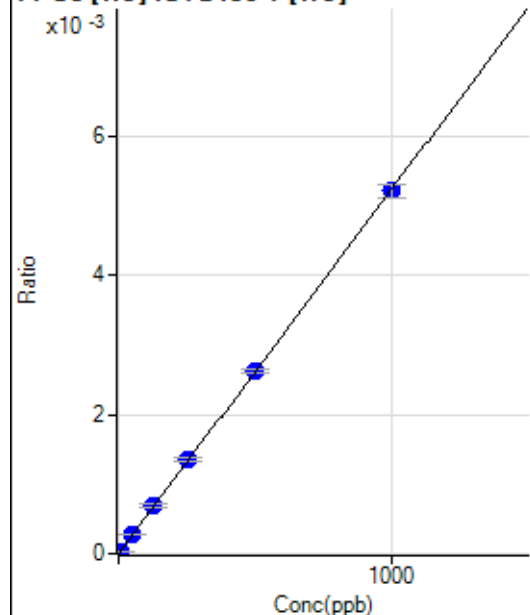
$$DL = 0.01621$$

$$BEC = 0.01614$$

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	0.00	0.0000	P	
2	☐	5.000	6.471	60.00	0.0000	P	9.8
3	☐	50.000	53.049	483.35	0.0003	P	4.9
4	☐	125.000	132.315	1215.62	0.0007	P	7.8
5	☐	250.000	258.381	2295.76	0.0014	P	2.3
6	☐	500.000	501.775	4157.31	0.0026	P	1.7
7	☐	1000.000	995.943	7983.38	0.0052	P	4.0
8	☐			1.11	0.0000	P	173.

$$y = 5.2301\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 1.0000$$

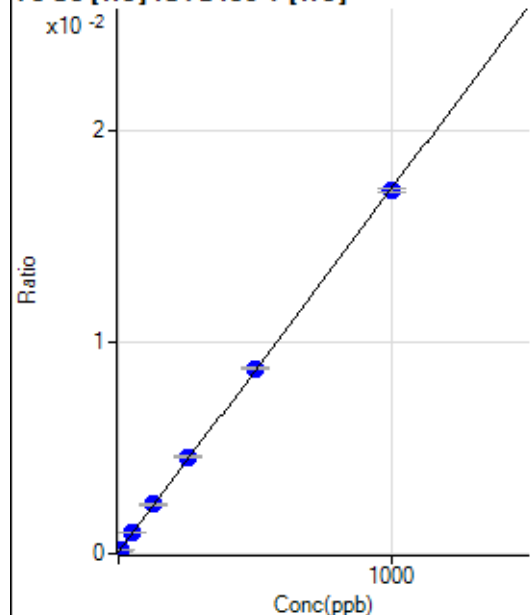
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	132.10	0.0001	P	13.3
2	☐	5.000	5.597	303.09	0.0002	P	3.9
3	☐	50.000	52.004	1689.61	0.0010	P	2.5
4	☐	125.000	130.609	4079.60	0.0023	P	4.4
5	☐	250.000	260.932	7758.89	0.0046	P	2.0
6	☐	500.000	505.128	13896.80	0.0088	P	0.7
7	☐	1000.000	993.899	26345.44	0.0172	P	1.2
8	☐			110.49	0.0001	P	10.7

$$y = 1.7219\text{E-}005 * x + 7.4542\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.728$$

$$BEC = 4.329$$

Weight: <None>

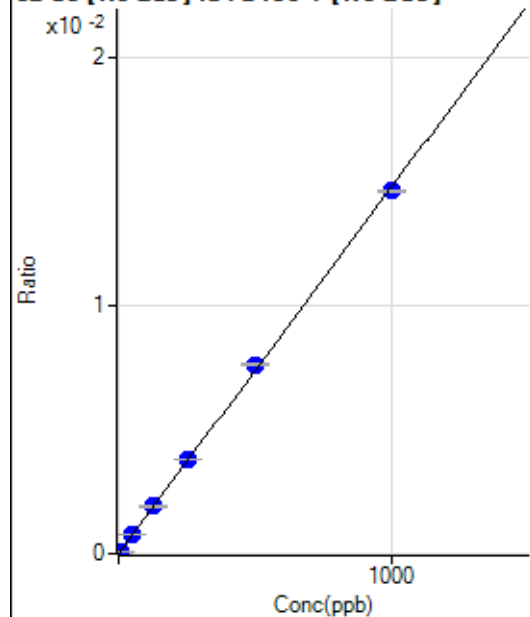
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6382.14		P	4.6
2	☐			5940.27		P	0.4
3	☐			6112.58		P	2.9
4	☐			5826.34		P	1.9
5	☐			5784.66		P	1.7
6	☐			5567.88		P	2.3
7	☐			4942.64		P	0.2
8	☐			4461.95		P	3.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			103.44		P	39.1
2	☐			56.72		P	10.2
3	☐			60.06		P	16.7
4	☐			43.38		P	53.3
5	☐			33.37		P	45.8
6	☐			50.05		P	20.0
7	☐			66.73		P	17.3
8	☐			90.09		P	11.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.43	0.0000	P	449.
2	☐	5.000	5.244	590.47	0.0001	P	21.5
3	☐	50.000	51.288	5674.28	0.0008	P	0.6
4	☐	125.000	129.008	14047.66	0.0019	P	1.1
5	☐	250.000	257.058	27994.20	0.0038	P	1.4
6	☐	500.000	515.580	53131.17	0.0076	P	1.3
7	☐	1000.000	989.879	97899.87	0.0146	P	0.7
8	☐			30.41	0.0000	P	228.

$$y = 1.4755E-005 * x + 2.1231E-006$$

$$R = 0.9998$$

$$DL = 1.94$$

$$BEC = 0.1439$$

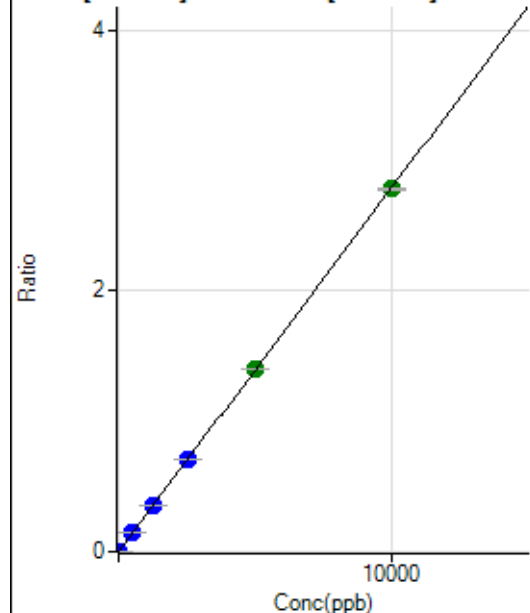
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1205.62		P	2.2
2	☐			1187.84		P	5.0
3	☐			1246.73		P	3.7
4	☐			1231.17		P	0.2
5	☐			1163.39		P	2.5
6	☐			1096.72		P	9.5
7	☐			1013.38		P	0.3
8	☐			1003.38		P	10.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2072.44	0.0003	P	11.4
2	☐	1.000	1.004	4159.05	0.0006	P	2.7
3	☐	500.000	516.159	1078952.49	0.1443	P	0.6
4	☐	1250.000	1286.578	2648335.00	0.3593	P	0.9
5	☐	2500.000	2527.009	5203358.10	0.7054	P	0.7
6	☐	5000.000	5026.593	9794535.98	1.4028	A	0.8
7	☐	10000.000	9974.571	18653866.22	2.7835	A	0.8
8	☐			7724.52	0.0012	P	4.6

$$y = 2.7903\text{E-}004 * x + 2.8038\text{E-}004$$

$$R = 1.0000$$

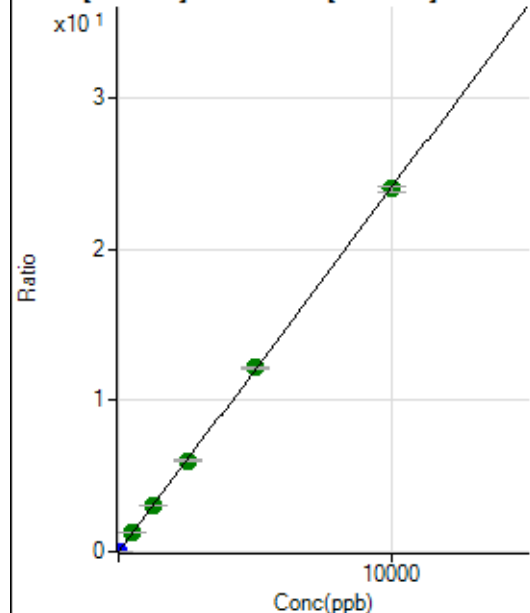
$$DL = 0.3451$$

$$BEC = 1.005$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	480.58	0.0001	P	6.0
2	☐	1.000	1.061	19446.86	0.0026	P	0.8
3	☐	500.000	507.075	9132473.82	1.2214	A	0.4
4	☐	1250.000	1271.373	22573472.55	3.0622	A	0.6
5	☐	2500.000	2505.588	44518068.01	6.0349	A	0.4
6	☐	5000.000	5060.461	85095154.68	12.1885	A	1.0
7	☐	10000.000	9965.347	160851417.4	24.0022	A	1.3
8	☐			54102.12	0.0084	P	1.7

$$y = 0.0024 * x + 6.4980\text{E-}005$$

$$R = 1.0000$$

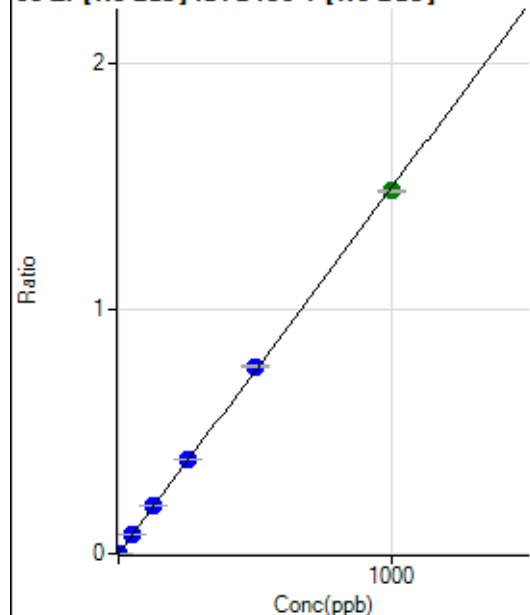
$$DL = 0.004884$$

$$BEC = 0.02698$$

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	566.69	0.0001	P	7.8
2	☐	1.000	1.015	11813.52	0.0016	P	2.0
3	☐	50.000	51.389	574107.23	0.0768	P	1.0
4	☐	125.000	129.621	1426881.18	0.1936	P	0.1
5	☐	250.000	255.890	2818147.55	0.3820	P	0.7
6	☐	500.000	512.440	5340841.83	0.7650	P	1.2
7	☐	1000.000	991.661	9920782.78	1.4803	A	0.7
8	☐			2847.59	0.0004	P	6.3

$$y = 0.0015 * x + 7.6645E-005$$

$$R = 0.9999$$

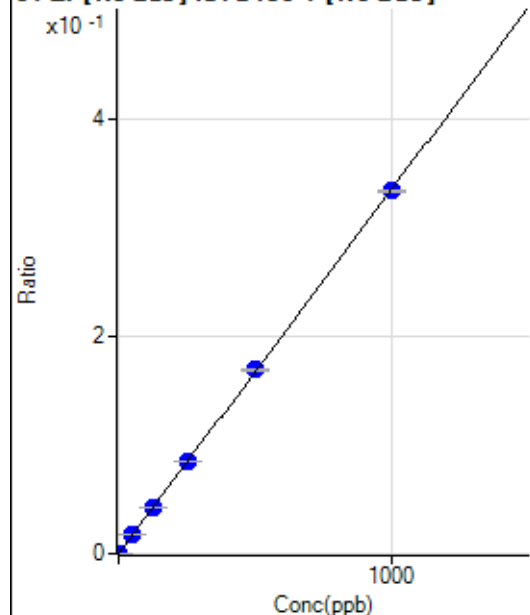
$$DL = 0.01195$$

$$BEC = 0.05135$$

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	94.45	0.0000	P	17.9
2	☐	1.000	1.010	2608.64	0.0004	P	2.9
3	☐	50.000	50.563	126913.13	0.0170	P	0.7
4	☐	125.000	127.938	316431.61	0.0429	P	0.9
5	☐	250.000	252.382	624558.54	0.0847	P	0.8
6	☐	500.000	505.192	1183174.06	0.1695	P	0.8
7	☐	1000.000	996.413	2239971.71	0.3342	P	0.8
8	☐			608.37	0.0001	P	5.0

$$y = 3.3543E-004 * x + 1.2765E-005$$

$$R = 1.0000$$

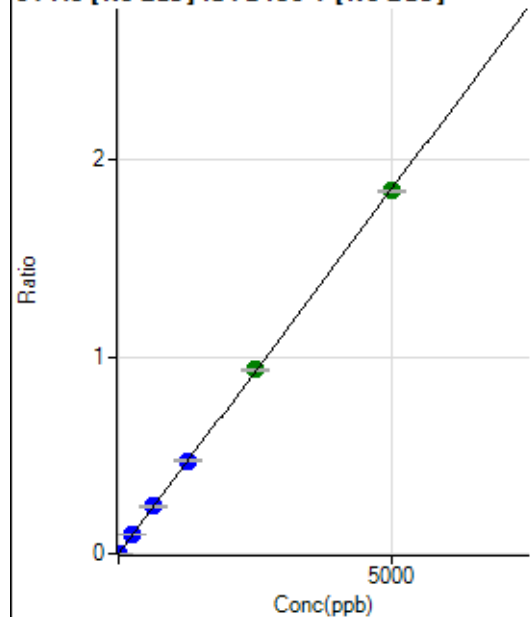
$$DL = 0.02041$$

$$BEC = 0.03806$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.12	0.0000	P	7.8
2	☐	5.000	5.160	14399.20	0.0019	P	0.4
3	☐	250.000	257.634	712670.91	0.0953	P	1.4
4	☐	625.000	646.658	1763228.88	0.2392	P	1.1
5	☐	1250.000	1273.907	3475739.97	0.4712	P	1.0
6	☐	2500.000	2524.580	6519914.60	0.9338	A	0.4
7	☐	5000.000	4978.644	12341323.10	1.8414	A	0.4
8	☐			3294.91	0.0005	P	7.7

$$y = 3.6986\text{E-}004 * x + 3.1941\text{E-}005$$

$$R = 1.0000$$

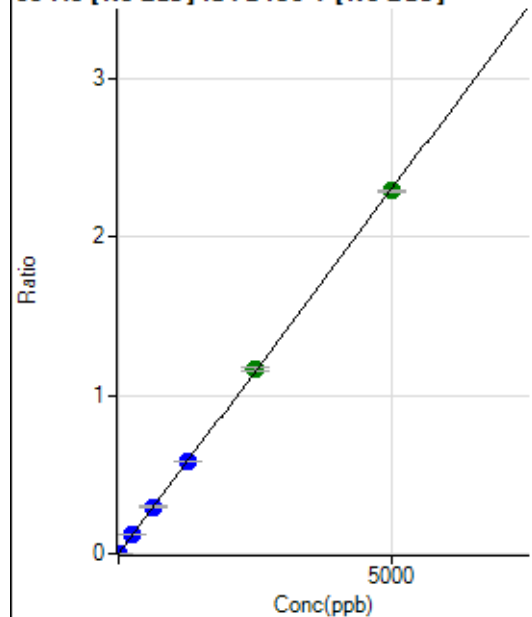
$$DL = 0.02024$$

$$BEC = 0.08636$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	11.7
2	☐	5.000	5.265	18072.87	0.0024	P	1.5
3	☐	250.000	257.543	887042.50	0.1186	P	1.2
4	☐	625.000	644.364	2187937.16	0.2968	P	1.1
5	☐	1250.000	1273.740	4328018.24	0.5867	P	0.7
6	☐	2500.000	2529.578	8135320.23	1.1652	A	1.4
7	☐	5000.000	4976.478	15362261.28	2.2923	A	0.8
8	☐			4245.18	0.0007	P	3.5

$$y = 4.6062\text{E-}004 * x + 1.0148\text{E-}005$$

$$R = 1.0000$$

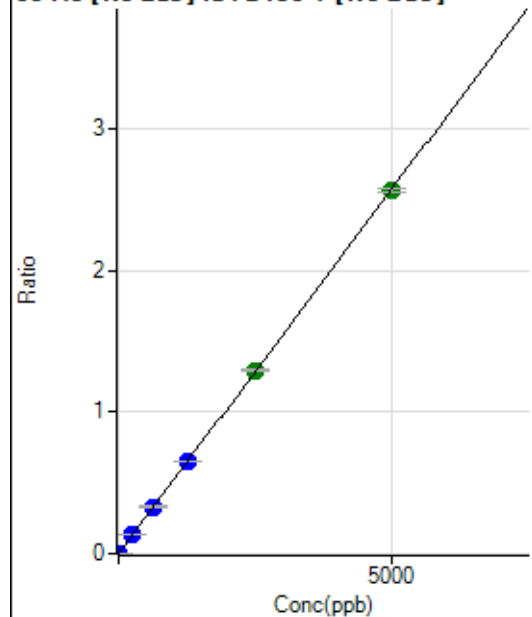
$$DL = 0.007721$$

$$BEC = 0.02203$$

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	161.12	0.0000	P	13.3
2	☐	5.000	5.271	20250.95	0.0027	P	2.6
3	☐	250.000	256.489	985052.30	0.1317	P	1.2
4	☐	625.000	645.629	2444366.18	0.3316	P	0.9
5	☐	1250.000	1270.304	4812577.97	0.6524	P	0.7
6	☐	2500.000	2520.723	9038180.85	1.2946	A	1.5
7	☐	5000.000	4981.659	17146016.01	2.5585	A	1.0
8	☐			5245.56	0.0008	P	6.5

$$y = 5.1357\text{E-}004 * x + 2.1796\text{E-}005$$

$$R = 1.0000$$

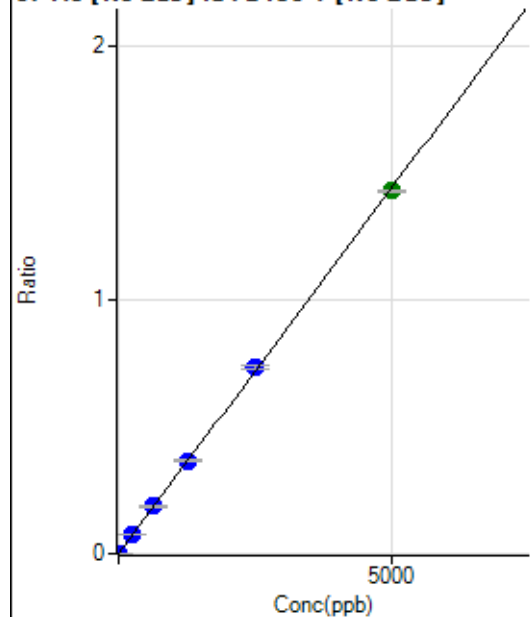
$$DL = 0.01695$$

$$BEC = 0.04244$$

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	52.78	0.0000	P	50.8
2	☐	5.000	5.375	11535.47	0.0016	P	2.0
3	☐	250.000	257.530	554462.39	0.0742	P	0.6
4	☐	625.000	645.776	1370642.98	0.1859	P	0.7
5	☐	1250.000	1273.956	2705763.97	0.3668	P	0.8
6	☐	2500.000	2552.777	5131424.29	0.7350	P	1.1
7	☐	5000.000	4964.649	9579894.74	1.4294	A	0.6
8	☐			2503.07	0.0004	P	0.9

$$y = 2.8792\text{E-}004 * x + 7.1382\text{E-}006$$

$$R = 0.9999$$

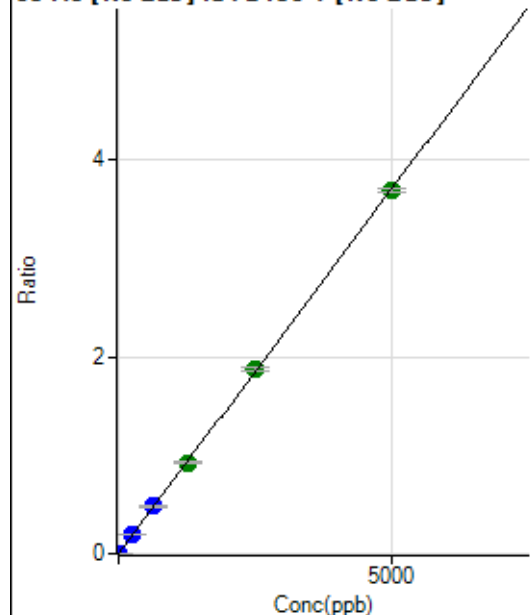
$$DL = 0.03782$$

$$BEC = 0.02479$$

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	144.45	0.0000	P	46.7
2	☐	5.000	5.297	29258.29	0.0039	P	1.1
3	☐	250.000	260.409	1442316.69	0.1929	P	1.1
4	☐	625.000	649.545	3546599.65	0.4811	P	1.0
5	☐	1250.000	1251.246	6836717.17	0.9268	A	0.6
6	☐	2500.000	2535.607	13112574.86	1.8781	A	1.5
7	☐	5000.000	4978.296	24711900.38	3.6874	A	0.9
8	☐			6346.06	0.0010	P	8.6

$$y = 7.4069\text{E-}004 * x + 1.9571\text{E-}005$$

$$R = 1.0000$$

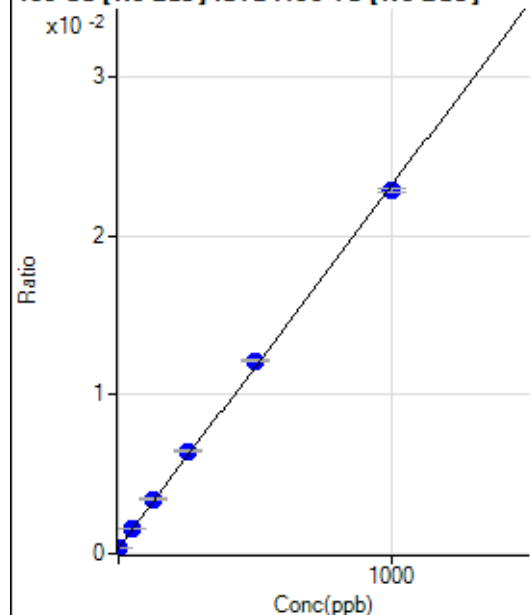
$$DL = 0.03704$$

$$BEC = 0.02642$$

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	3030.96	0.0004	P	4.5
2	☐	1.000	0.048	3047.63	0.0004	P	6.5
3	☐	50.000	53.813	13537.31	0.0016	P	2.6
4	☐	125.000	135.139	29230.67	0.0034	P	3.2
5	☐	250.000	266.895	54995.88	0.0064	P	0.8
6	☐	500.000	517.293	101105.50	0.0121	P	0.7
7	☐	1000.000	985.673	186104.14	0.0228	P	1.0
8	☐			2842.04	0.0004	P	8.7

$$y = 2.2764\text{E-}005 * x + 3.6342\text{E-}004$$

$$R = 0.9996$$

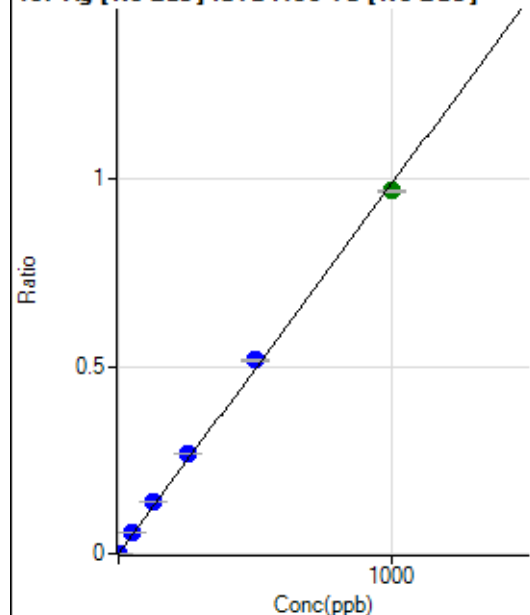
$$DL = 2.176$$

$$BEC = 15.97$$

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	61.11	0.0000	P	27.5
2	☐	1.000	1.155	9586.78	0.0011	P	1.3
3	☐	50.000	55.972	470562.29	0.0552	P	0.6
4	☐	125.000	138.445	1160524.98	0.1365	P	0.8
5	☐	250.000	269.550	2270703.76	0.2659	P	0.7
6	☐	500.000	522.960	4296035.95	0.5158	P	0.4
7	☐	1000.000	981.653	7902355.99	0.9682	A	0.5
8	☐			2672.54	0.0003	P	4.7

$$y = 9.8625\text{E-}004 * x + 7.3131\text{E-}006$$

$$R = 0.9994$$

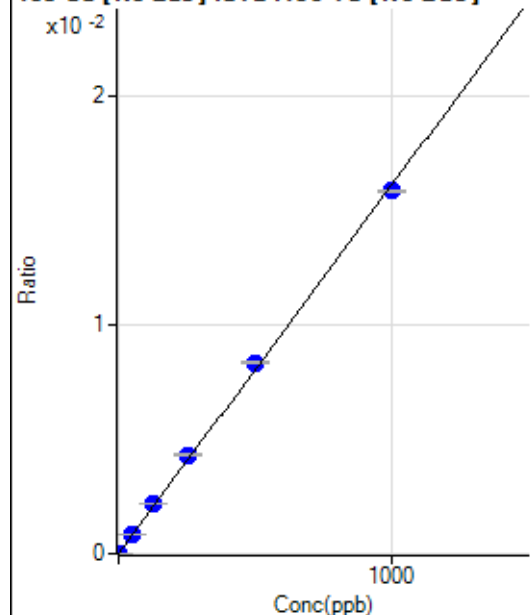
$$DL = 0.00612$$

$$BEC = 0.007415$$

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	38.89	0.0000	P	62.8
2	☐	1.000	1.136	191.67	0.0000	P	1.6
3	☐	50.000	53.482	7363.10	0.0009	P	2.6
4	☐	125.000	136.416	18669.35	0.0022	P	1.7
5	☐	250.000	267.163	36698.73	0.0043	P	2.3
6	☐	500.000	517.824	69331.70	0.0083	P	1.2
7	☐	1000.000	985.196	129235.87	0.0158	P	0.3
8	☐			190.28	0.0000	P	6.6

$$y = 1.6066\text{E-}005 * x + 4.6667\text{E-}006$$

$$R = 0.9996$$

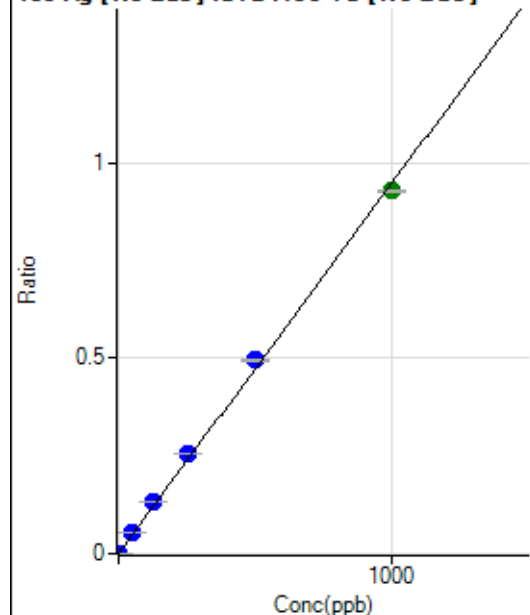
$$DL = 0.5474$$

$$BEC = 0.2905$$

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	30.56	0.0000	P	32.5
2	☐	1.000	1.168	9269.93	0.0011	P	2.1
3	☐	50.000	56.085	452150.05	0.0530	P	0.7
4	☐	125.000	138.859	1116250.23	0.1313	P	0.5
5	☐	250.000	272.111	2198240.11	0.2574	P	0.6
6	☐	500.000	523.179	4121540.46	0.4948	P	0.6
7	☐	1000.000	980.846	7572105.38	0.9277	A	0.8
8	☐			2530.86	0.0003	P	3.9

$$y = 9.4581E-004 * x + 3.6706E-006$$

$$R = 0.9993$$

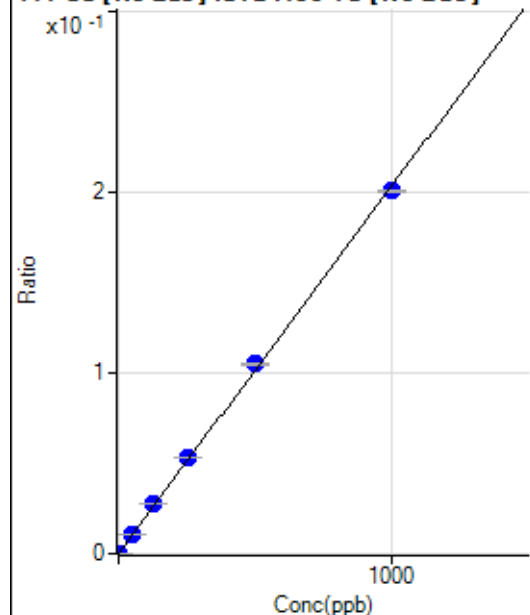
$$DL = 0.003786$$

$$BEC = 0.003881$$

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	587.30	0.0001	P	1.6
2	☐	1.000	1.153	2549.15	0.0003	P	4.9
3	☐	50.000	53.928	94028.35	0.0110	P	1.0
4	☐	125.000	134.427	232824.00	0.0274	P	1.3
5	☐	250.000	261.493	454592.53	0.0532	P	0.6
6	☐	500.000	516.083	874326.05	0.1050	P	0.7
7	☐	1000.000	987.711	1639319.58	0.2008	P	0.3
8	☐			856.05	0.0001	P	14.5

$$y = 2.0327E-004 * x + 7.0413E-005$$

$$R = 0.9997$$

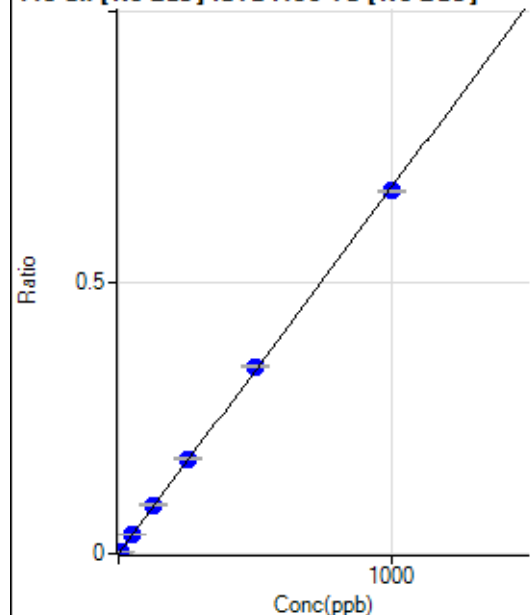
$$DL = 0.01642$$

$$BEC = 0.3464$$

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	791.71	0.0001	P	8.2
2	☐	5.000	5.434	31522.01	0.0038	P	2.6
3	☐	50.000	53.344	308300.26	0.0362	P	0.8
4	☐	125.000	132.983	765170.76	0.0900	P	1.2
5	☐	250.000	259.423	1499328.83	0.1755	P	1.1
6	☐	500.000	511.539	2882352.99	0.3461	P	0.5
7	☐	1000.000	990.707	5469784.28	0.6701	P	0.2
8	☐			2597.54	0.0003	P	6.7

$$y = 6.7631E-004 * x + 9.4865E-005$$

$$R = 0.9998$$

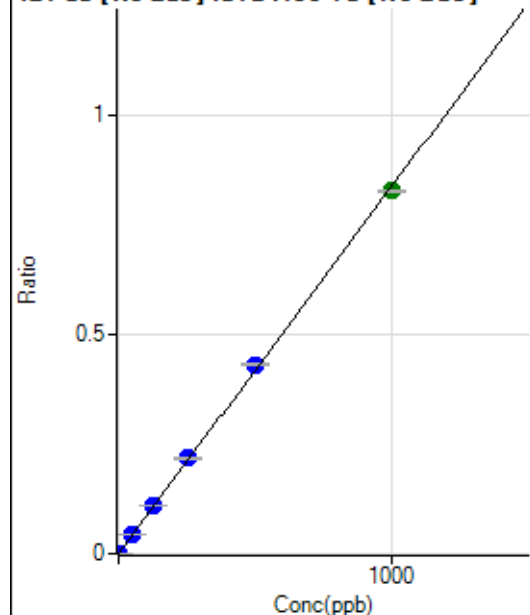
$$DL = 0.03435$$

$$BEC = 0.1403$$

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	94.45	0.0000	P	12.4
2	☐	2.000	2.192	15431.03	0.0018	P	2.0
3	☐	50.000	52.628	375344.81	0.0440	P	1.3
4	☐	125.000	132.951	945371.93	0.1112	P	0.8
5	☐	250.000	260.272	1859800.59	0.2177	P	0.9
6	☐	500.000	515.353	3591021.35	0.4311	P	0.6
7	☐	1000.000	988.630	6750774.32	0.8271	A	0.3
8	☐			4303.56	0.0005	P	0.9

$$y = 8.3657E-004 * x + 1.1313E-005$$

$$R = 0.9998$$

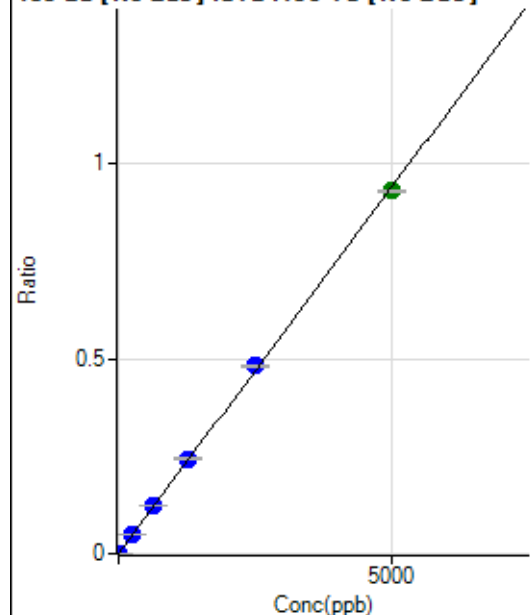
$$DL = 0.005034$$

$$BEC = 0.01352$$

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	25.00	0.0000	P	57.3
2	☐	10.000	10.893	17155.45	0.0021	P	1.4
3	☐	250.000	263.866	422999.45	0.0496	P	0.2
4	☐	625.000	657.706	1051300.91	0.1237	P	0.7
5	☐	1250.000	1297.405	2084058.34	0.2440	P	0.9
6	☐	2500.000	2559.974	4010059.47	0.4815	P	0.9
7	☐	5000.000	4953.378	7603732.46	0.9316	A	0.8
8	☐			3086.54	0.0004	P	2.7

$$y = 1.8807E-004 * x + 2.9865E-006$$

$$R = 0.9998$$

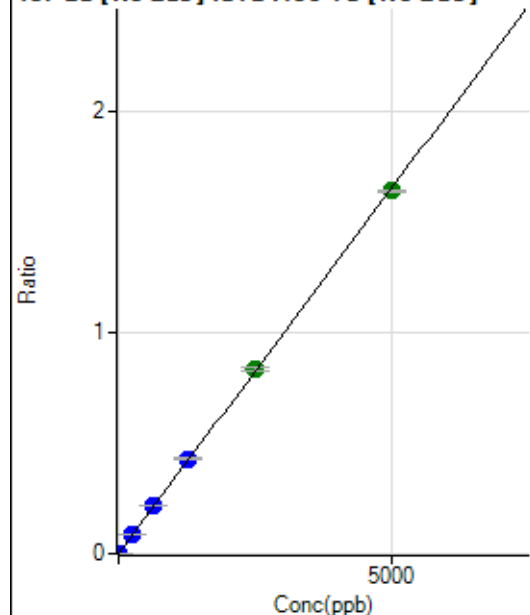
$$DL = 0.02732$$

$$BEC = 0.01588$$

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	44.45	0.0000	P	46.4
2	☐	10.000	11.125	30765.11	0.0037	P	3.1
3	☐	250.000	265.056	746048.63	0.0875	P	0.5
4	☐	625.000	660.329	1853212.52	0.2181	P	1.1
5	☐	1250.000	1301.512	3670784.41	0.4298	P	1.0
6	☐	2500.000	2529.554	6957035.44	0.8353	A	1.2
7	☐	5000.000	4967.174	13388068.88	1.6402	A	0.8
8	☐			5278.98	0.0007	P	7.6

$$y = 3.3021E-004 * x + 5.3180E-006$$

$$R = 0.9999$$

$$DL = 0.0224$$

$$BEC = 0.0161$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	173.
2	☐			6.67		P	100.
3	☐			44.45		P	8.7
4	☐			91.11		P	36.8
5	☐			122.23		P	15.7
6	☐			280.01		P	6.3
7	☐			497.80		P	6.3
8	☐			64.45		P	47.8

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			6.67		P	100.
4	☐			16.67		P	69.3
5	☐			28.89		P	17.6
6	☐			31.11		P	22.3
7	☐			71.11		P	14.3
8	☐			24.44		P	7.9

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.
2	☐			0.00		P	
3	☐			30.55		P	68.6
4	☐			77.78		P	44.6
5	☐			138.90		P	35.2
6	☐			263.90		P	12.8
7	☐			538.92		P	12.5
8	☐			1950.19		P	2.4

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			4.44		P	114.
3	☐			24.44		P	31.5
4	☐			48.89		P	23.9
5	☐			93.33		P	14.3
6	☐			172.23		P	8.1
7	☐			317.79		P	6.4
8	☐			1294.52		P	10.3

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

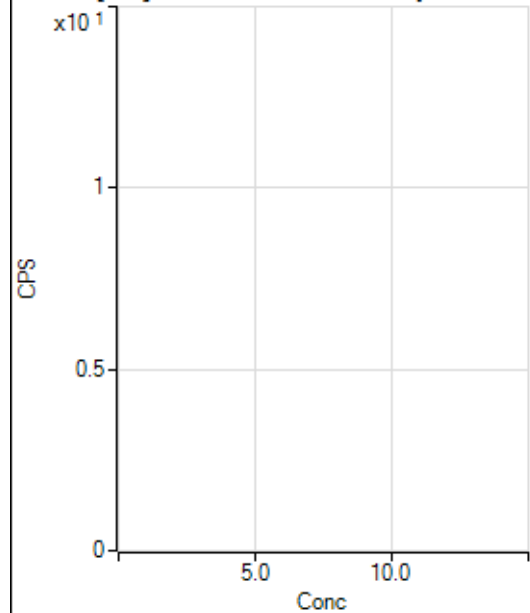
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	57.7
2	☐			33.33		P	43.3
3	☐			41.67		P	60.0
4	☐			97.23		P	27.6
5	☐			141.67		P	30.6
6	☐			255.56		P	22.2
7	☐			458.36		P	15.7
8	☐			2050.21		P	1.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.00		P	28.9
2	☐			65.55		P	29.8
3	☐			94.45		P	8.2
4	☐			107.78		P	7.8
5	☐			150.00		P	17.8
6	☐			233.34		P	9.4
7	☐			365.57		P	10.6
8	☐			1504.54		P	2.5

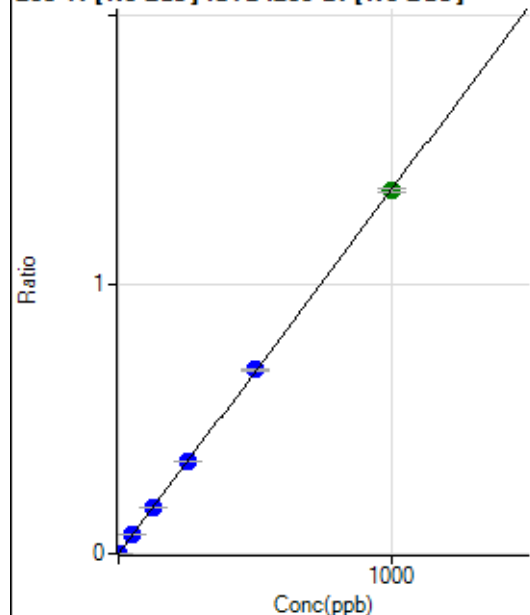
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	33.3
2	☐			80.56		P	31.6
3	☐			91.67		P	24.1
4	☐			77.78		P	32.7
5	☐			86.12		P	53.3
6	☐			111.11		P	15.6
7	☐			102.78		P	33.8
8	☐			338.90		P	13.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.00		P	22.0
2	☐			37.78		P	13.5
3	☐			54.44		P	14.1
4	☐			57.78		P	14.5
5	☐			52.22		P	18.4
6	☐			48.89		P	23.9
7	☐			95.56		P	28.2
8	☐			206.67		P	4.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	277.79	0.0000	P	18.5
2	☐	1.000	1.030	8375.10	0.0014	P	1.5
3	☐	50.000	50.421	403872.70	0.0683	P	0.5
4	☐	125.000	126.697	1008091.67	0.1716	P	0.7
5	☐	250.000	252.446	2006635.01	0.3418	P	0.5
6	☐	500.000	505.100	3942641.54	0.6838	P	0.6
7	☐	1000.000	996.605	7556099.04	1.3492	A	1.1
8	☐			3700.62	0.0007	P	16.0

$$y = 0.0014 * x + 4.7706E-005$$

$$R = 1.0000$$

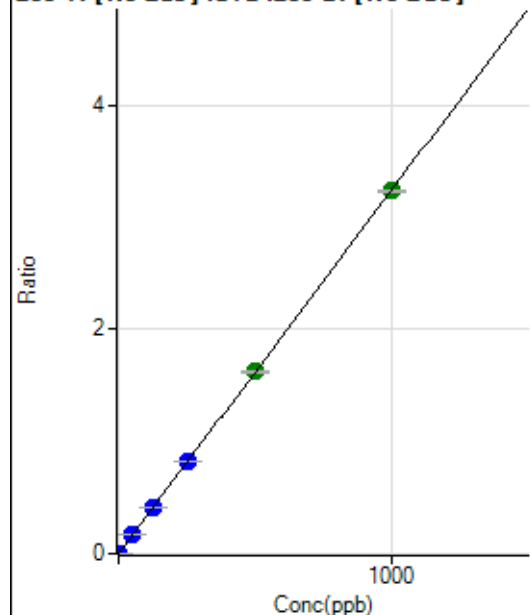
$$DL = 0.01952$$

$$BEC = 0.03524$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	672.26	0.0001	P	3.5
2	☐	1.000	1.051	20435.63	0.0035	P	3.4
3	☐	50.000	50.607	969447.57	0.1640	P	0.1
4	☐	125.000	126.823	2413311.79	0.4107	P	0.4
5	☐	250.000	252.826	4806103.54	0.8186	P	0.6
6	☐	500.000	501.329	9358574.69	1.6231	A	0.7
7	☐	1000.000	998.371	18102706.31	3.2322	A	0.7
8	☐			9078.35	0.0018	P	14.6

$$y = 0.0032 * x + 1.1570E-004$$

$$R = 1.0000$$

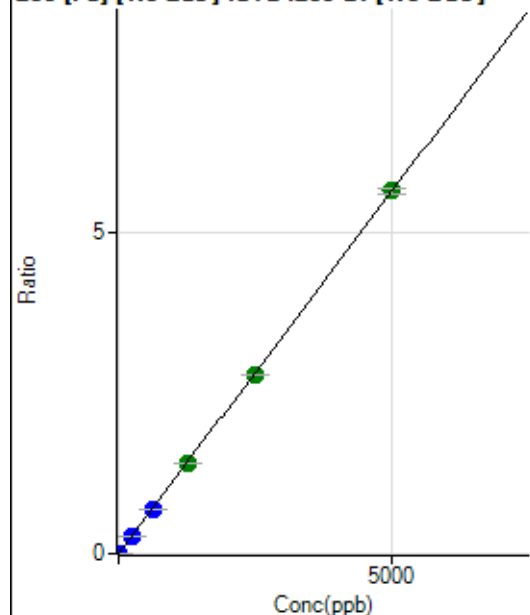
$$DL = 0.003791$$

$$BEC = 0.03574$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	648.17	0.0001	P	3.6
2	☐	1.000	1.049	7500.42	0.0013	P	2.8
3	☐	250.000	248.675	1653907.98	0.2797	P	1.0
4	☐	625.000	620.637	4101023.41	0.6979	P	0.7
5	☐	1250.000	1244.366	8214521.37	1.3992	A	1.2
6	☐	2500.000	2479.934	16077046.89	2.7884	A	0.3
7	☐	5000.000	5012.053	31560874.55	5.6353	A	1.4
8	☐			19394.01	0.0038	P	1.7

$$y = 0.0011 * x + 1.1148E-004$$

$$R = 1.0000$$

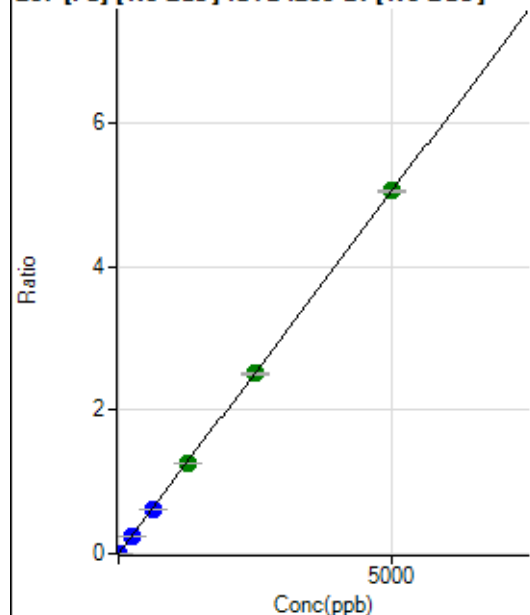
$$DL = 0.01072$$

$$BEC = 0.09916$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	587.06	0.0001	P	9.9
2	☐	1.000	1.027	6612.86	0.0011	P	0.3
3	☐	250.000	244.833	1462236.40	0.2473	P	0.5
4	☐	625.000	614.041	3643587.78	0.6201	P	0.5
5	☐	1250.000	1246.856	7391496.75	1.2590	A	1.2
6	☐	2500.000	2488.761	14488490.25	2.5129	A	0.8
7	☐	5000.000	5008.034	28319392.07	5.0564	A	0.3
8	☐			17459.81	0.0034	P	3.0

$$y = 0.0010 * x + 1.0110E-004$$

$$R = 1.0000$$

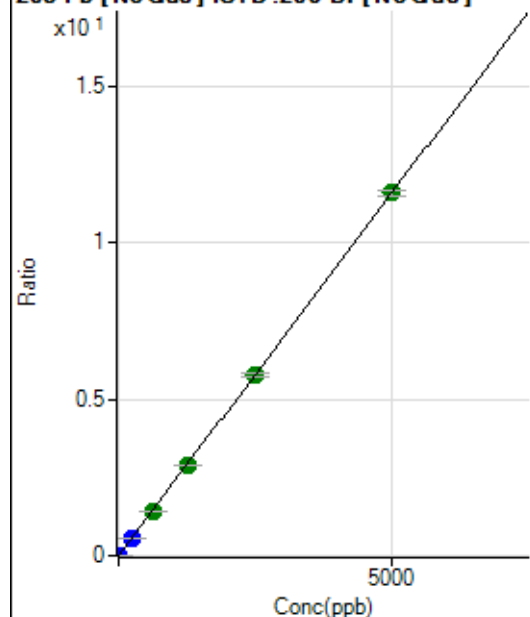
$$DL = 0.02965$$

$$BEC = 0.1001$$

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	1253.80	0.0002	P	5.5
2	☐	1.000	1.040	15252.06	0.0026	P	1.4
3	☐	250.000	243.421	3336990.68	0.5644	P	0.9
4	☐	625.000	613.255	8353031.35	1.4215	A	0.3
5	☐	1250.000	1239.198	16862425.90	2.8721	A	0.3
6	☐	2500.000	2494.960	33339976.09	5.7825	A	1.6
7	☐	5000.000	5007.017	64993927.85	11.6043	A	1.3
8	☐			40041.32	0.0077	P	2.0

$$y = 0.0023 * x + 2.1582E-004$$

$$R = 1.0000$$

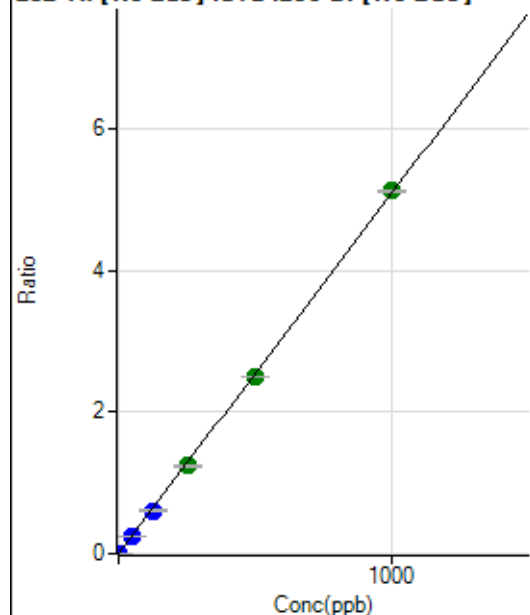
$$DL = 0.01542$$

$$BEC = 0.09313$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	10.8
2	☐	1.000	0.001	148.15	0.0000	P	29.2
3	☐	50.000	47.176	1418748.08	0.2399	P	0.6
4	☐	125.000	120.095	3589023.06	0.6108	P	0.5
5	☐	250.000	242.931	7253464.51	1.2355	A	0.5
6	☐	500.000	490.455	14381220.11	2.4943	A	0.6
7	☐	1000.000	1007.295	28690933.51	5.1227	A	0.7
8	☐			4387.87	0.0008	P	10.4

$$y = 0.0051 * x + 1.8180E-005$$

$$R = 0.9999$$

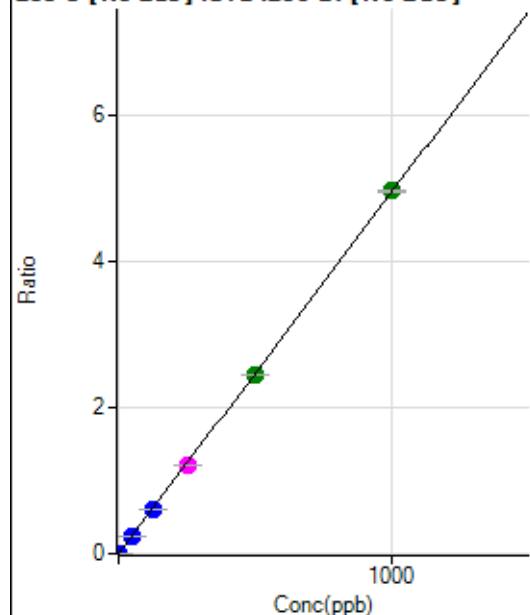
$$DL = 0.001154$$

$$BEC = 0.003575$$

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	108.34	0.0000	P	14.6
2	☐	1.000	0.960	27635.34	0.0048	P	2.4
3	☐	50.000	48.135	1404165.18	0.2375	P	0.7
4	☐	125.000	121.659	3526754.90	0.6002	P	0.3
5	☐	250.000	245.199	7101736.62	1.2096	M	1.0
6	☐	500.000	494.669	14070001.70	2.4403	A	0.1
7	☐	1000.000	1004.376	27749617.63	4.9547	A	0.6
8	☐			5084.45	0.0010	P	0.6

$$y = 0.0049 * x + 1.8663E-005$$

$$R = 1.0000$$

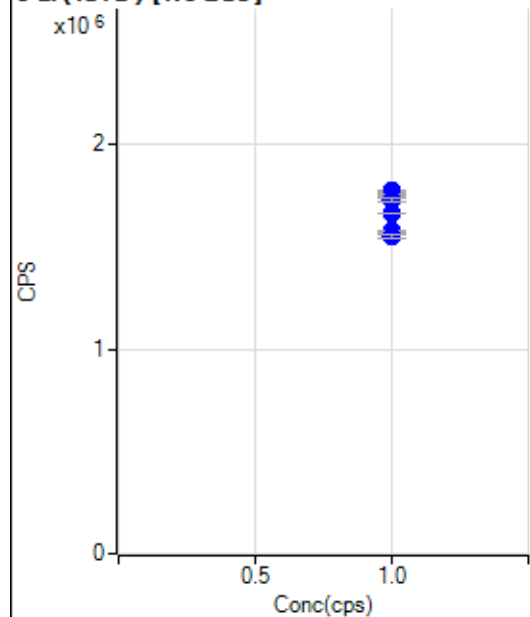
$$DL = 0.001656$$

$$BEC = 0.003783$$

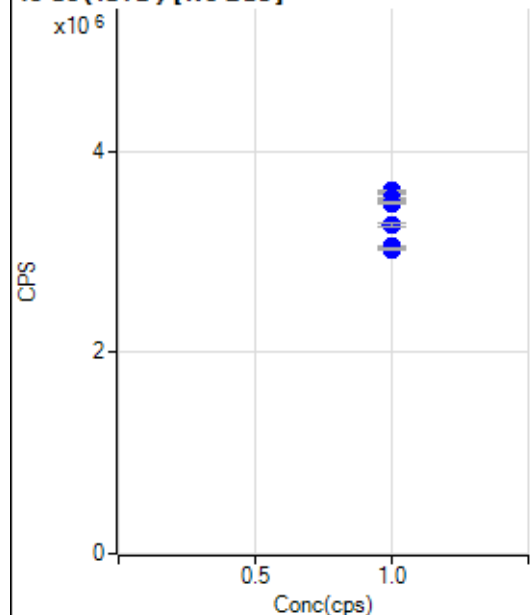
Weight: <None>

Min Conc: 0

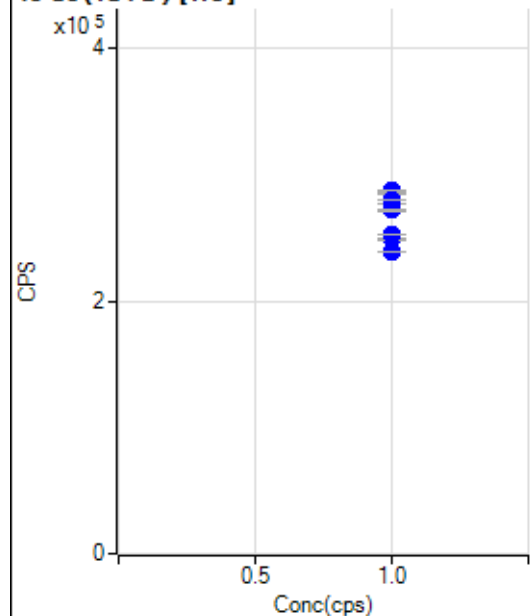
6 Li (ISTD) [No Gas]



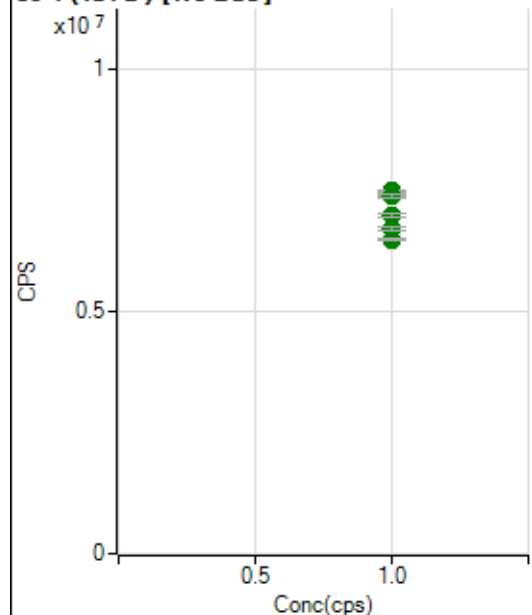
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1760569.14		P	0.8
2	☐	1.000		1766128.72		P	0.6
3	☐	1.000		1772147.89		P	0.8
4	☐	1.000		1755368.21		P	0.5
5	☐	1.000		1727801.44		P	0.7
6	☐	1.000		1662845.20		P	0.4
7	☐	1.000		1574591.94		P	0.8
8	☐	1.000		1549866.38		P	1.2

45 Sc (ISTD) [No Gas]

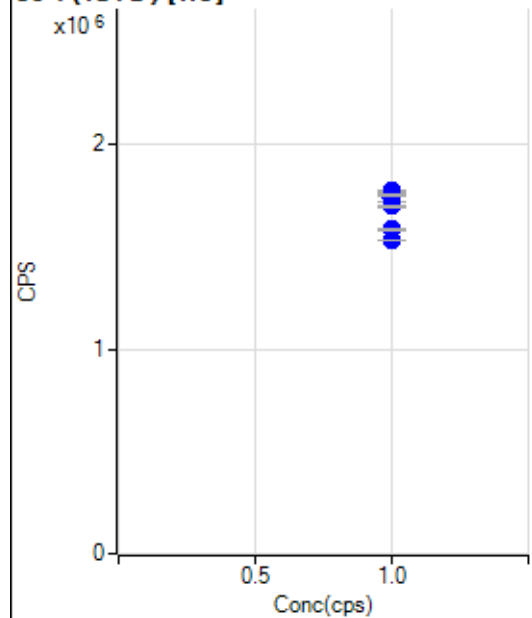
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3572707.66		P	0.2
2	☐	1.000		3586772.65		P	0.2
3	☐	1.000		3607238.24		P	0.4
4	☐	1.000		3536175.09		P	0.5
5	☐	1.000		3484632.48		P	0.5
6	☐	1.000		3270393.81		P	0.8
7	☐	1.000		3050161.73		P	0.6
8	☐	1.000		3027258.57		P	0.6

45 Sc (ISTD) [He]

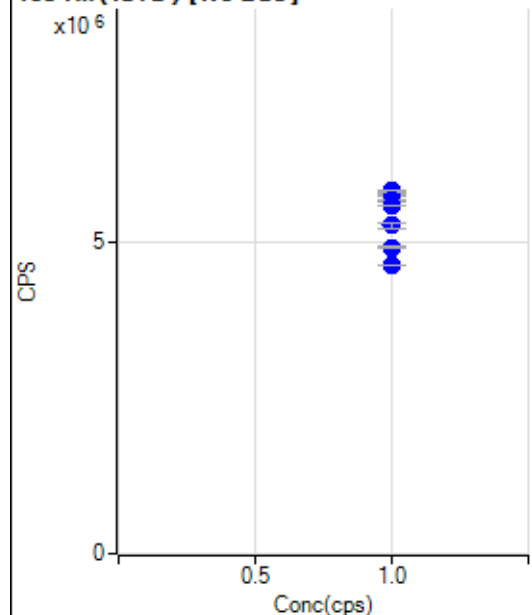
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		286978.88		P	0.7
2	☐	1.000		287091.52		P	0.5
3	☐	1.000		280465.83		P	2.6
4	☐	1.000		279984.41		P	0.4
5	☐	1.000		271790.49		P	0.5
6	☐	1.000		249242.22		P	0.6
7	☐	1.000		238759.09		P	0.4
8	☐	1.000		252419.93		P	0.4

89 Y (ISTD) [No Gas]

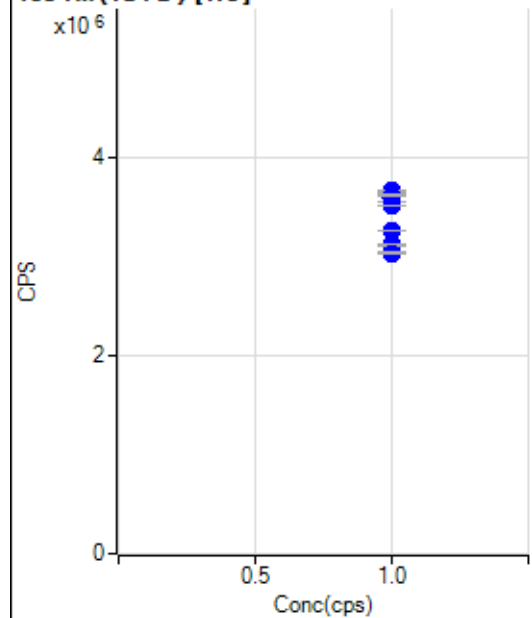
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7394301.28		A	0.6
2	☐	1.000		7420829.75		A	0.6
3	☐	1.000		7477216.21		A	0.8
4	☐	1.000		7371770.17		A	0.9
5	☐	1.000		7376848.50		A	0.8
6	☐	1.000		6982261.77		A	1.4
7	☐	1.000		6701970.67		A	0.8
8	☐	1.000		6473305.74		A	0.7

89 Y (ISTD) [He]

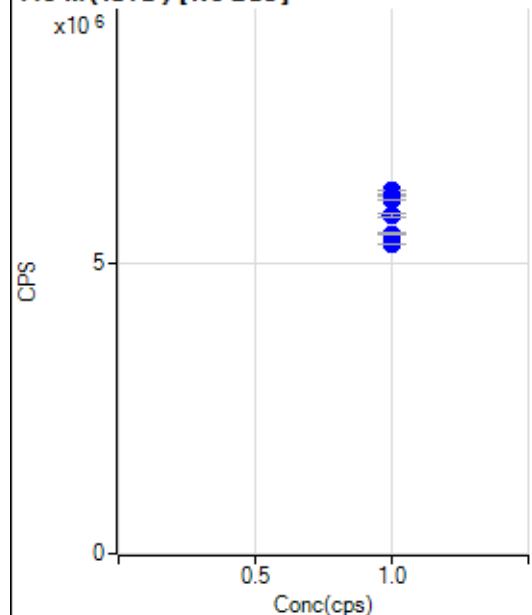
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1772581.97		P	0.5
2	☐	1.000		1773167.09		P	0.4
3	☐	1.000		1742112.94		P	2.1
4	☐	1.000		1756129.61		P	0.6
5	☐	1.000		1698769.64		P	0.6
6	☐	1.000		1584146.66		P	0.3
7	☐	1.000		1532756.35		P	0.4
8	☐	1.000		1585098.66		P	0.3

103 Rh (ISTD) [No Gas]

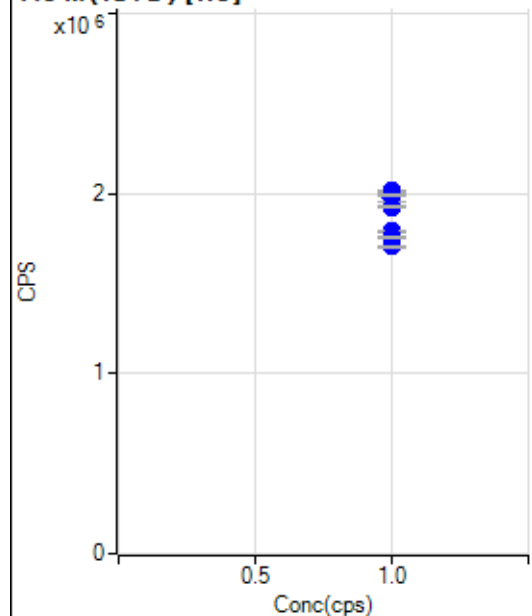
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5761223.87		P	0.3
2	☐	1.000		5741839.57		P	0.2
3	☐	1.000		5817552.14		P	0.8
4	☐	1.000		5659491.86		P	0.5
5	☐	1.000		5577810.20		P	0.3
6	☐	1.000		5260170.75		P	1.3
7	☐	1.000		4914147.22		P	0.3
8	☐	1.000		4633623.26		P	0.2

103 Rh (ISTD) [He]

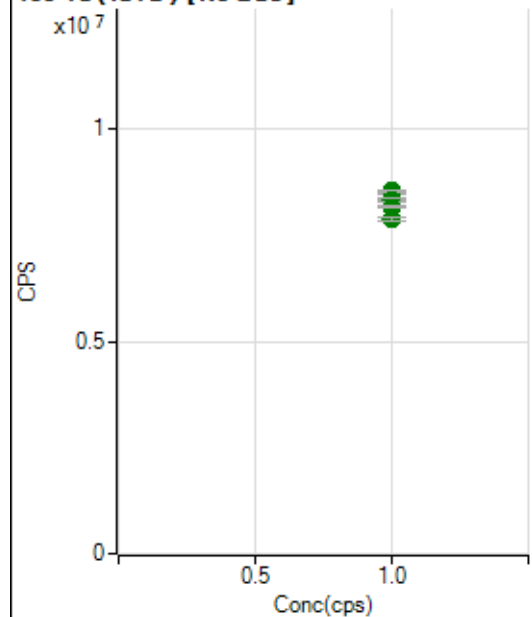
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3668708.31		P	0.2
2	☐	1.000		3659593.14		P	0.8
3	☐	1.000		3606935.92		P	2.5
4	☐	1.000		3621313.83		P	0.4
5	☐	1.000		3518057.86		P	0.3
6	☐	1.000		3265723.98		P	0.5
7	☐	1.000		3123231.31		P	0.3
8	☐	1.000		3038747.28		P	0.9

115 In (ISTD) [No Gas]

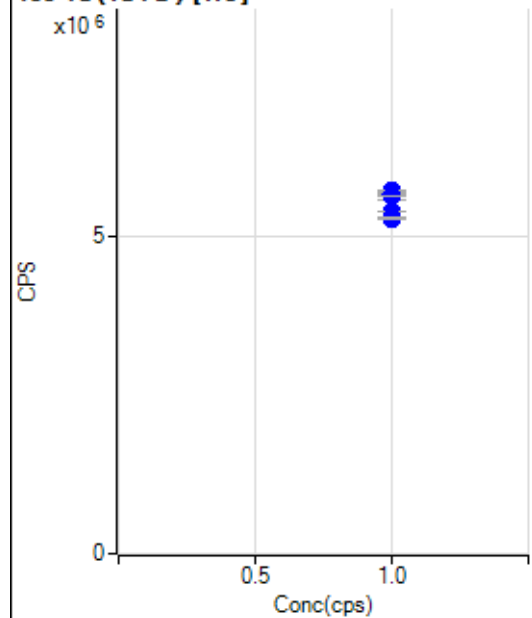
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6183256.95		P	0.3
2	☐	1.000		6212824.81		P	0.2
3	☐	1.000		6266168.95		P	0.1
4	☐	1.000		6185215.98		P	0.2
5	☐	1.000		6112869.64		P	0.1
6	☐	1.000		5837914.90		P	0.9
7	☐	1.000		5518766.44		P	0.6
8	☐	1.000		5346002.54		P	0.2

115 In (ISTD) [He]

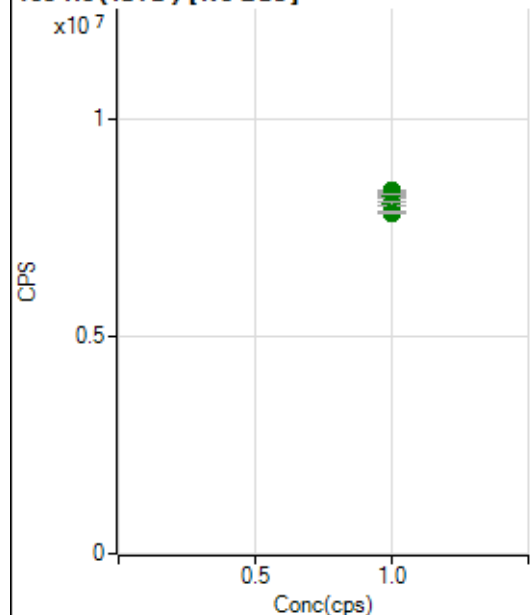
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2014680.17		P	0.1
2	☐	1.000		2003854.03		P	0.3
3	☐	1.000		1972882.20		P	2.1
4	☐	1.000		1990333.01		P	0.3
5	☐	1.000		1926140.89		P	0.2
6	☐	1.000		1788709.81		P	0.4
7	☐	1.000		1705512.12		P	0.3
8	☐	1.000		1761372.32		P	0.6

159 Tb (ISTD) [No Gas]

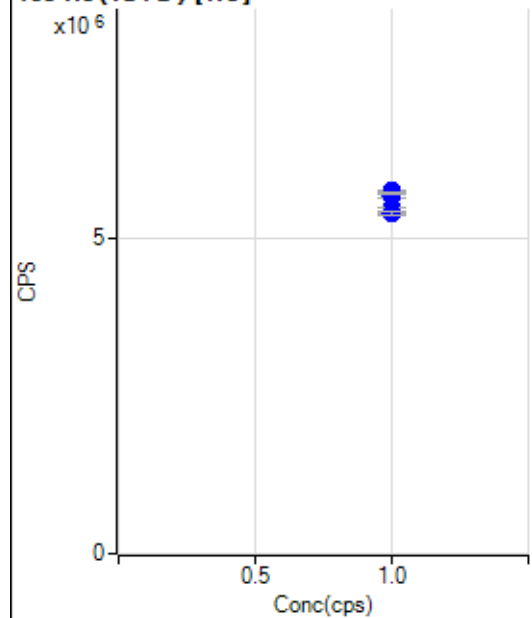
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8341268.21		A	1.1
2	☐	1.000		8362299.67		A	0.5
3	☐	1.000		8523400.92		A	0.5
4	☐	1.000		8499344.25		A	0.9
5	☐	1.000		8541441.82		A	0.7
6	☐	1.000		8329559.53		A	1.2
7	☐	1.000		8162383.42		A	0.5
8	☐	1.000		7877466.27		A	0.7

159 Tb (ISTD) [He]

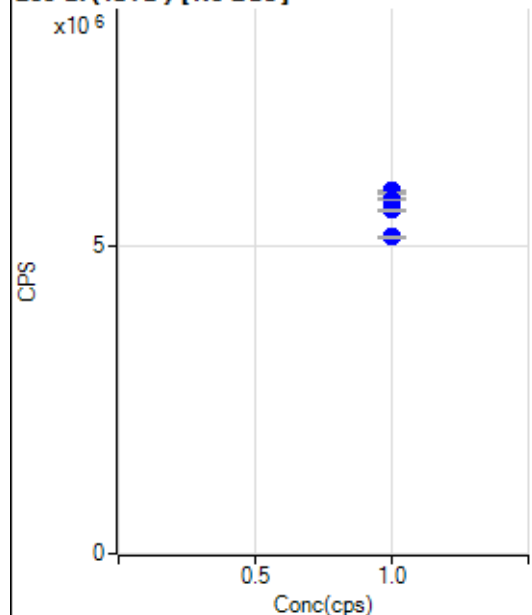
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5668417.63		P	0.1
2	☐	1.000		5659417.00		P	0.9
3	☐	1.000		5622690.65		P	2.3
4	☐	1.000		5704953.46		P	0.1
5	☐	1.000		5629868.32		P	0.3
6	☐	1.000		5373058.74		P	0.2
7	☐	1.000		5280585.90		P	0.7
8	☐	1.000		5270289.82		P	0.5

165 Ho (ISTD) [No Gas]

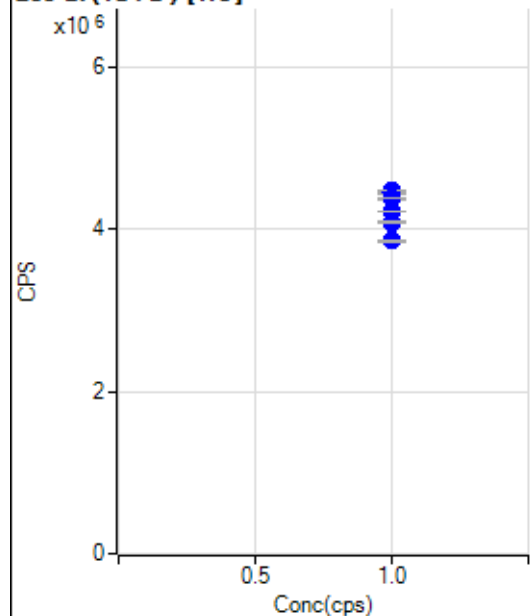
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8241296.89		A	0.6
2	☐	1.000		8191619.11		A	1.9
3	☐	1.000		8357017.58		A	0.1
4	☐	1.000		8357239.04		A	0.8
5	☐	1.000		8302213.97		A	0.9
6	☐	1.000		8239288.35		A	0.7
7	☐	1.000		8050250.09		A	0.9
8	☐	1.000		7858172.45		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5743538.46		P	0.3
2	☐	1.000		5744621.86		P	0.4
3	☐	1.000		5681250.82		P	2.1
4	☐	1.000		5747410.89		P	0.6
5	☐	1.000		5703133.46		P	0.4
6	☐	1.000		5483865.61		P	0.3
7	☐	1.000		5378156.10		P	0.9
8	☐	1.000		5387360.33		P	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5812916.23		P	1.7
2	☐	1.000		5810382.07		P	0.1
3	☐	1.000		5913092.48		P	0.7
4	☐	1.000		5876259.50		P	0.5
5	☐	1.000		5871050.19		P	0.2
6	☐	1.000		5765760.96		P	0.2
7	☐	1.000		5600718.46		P	0.3
8	☐	1.000		5167433.74		P	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4471918.02		P	0.4
2	☐	1.000		4459178.86		P	0.3
3	☐	1.000		4394760.42		P	2.0
4	☐	1.000		4452766.81		P	0.8
5	☐	1.000		4387765.25		P	0.1
6	☐	1.000		4211915.67		P	0.2
7	☐	1.000		4087246.15		P	1.0
8	☐	1.000		3852688.69		P	0.3