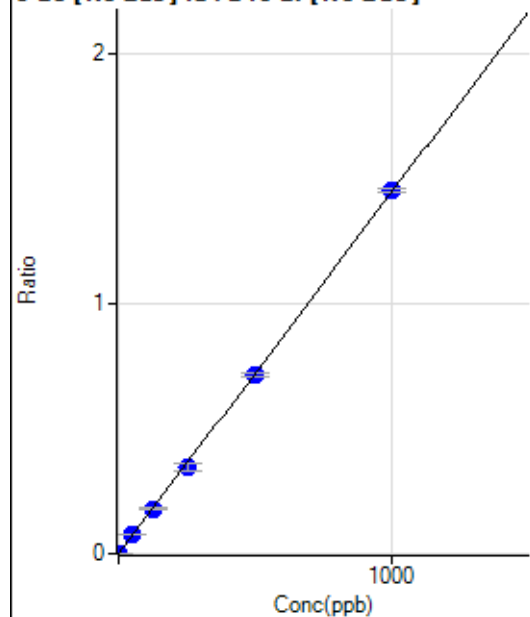


Calibration for 003CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7060425-MS.b\
 Analysis File: P7060425-MS.batch.bin
 DA Date-Time: 2025-06-04 17:21:41
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-06-04 10:53:30
2	006CALS.d	S02	2025-06-04 11:00:14
3	007CALS.d	S03	2025-06-04 11:03:34
4	008CALS.d	S04	2025-06-04 11:06:53
5	009CALS.d	S05	2025-06-04 11:10:03
6	010CALS.d	S06	2025-06-04 11:13:06
7	011CALS.d	S07	2025-06-04 11:16:01
8	012CALS.d	S08	2025-06-04 11:18:54

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.92	0.0001	P	96.8
2	☐	1.000	1.135	559.25	0.0017	P	1.2
3	☐	50.000	52.399	24499.16	0.0757	P	1.0
4	☐	125.000	124.210	59996.19	0.1793	P	6.1
5	☐	250.000	238.813	119052.23	0.3448	P	9.0
6	☐	500.000	495.937	243604.07	0.7159	P	2.3
7	☐	1000.000	1004.807	499847.82	1.4504	P	1.0
8	☐			64.87	0.0002	P	5.9

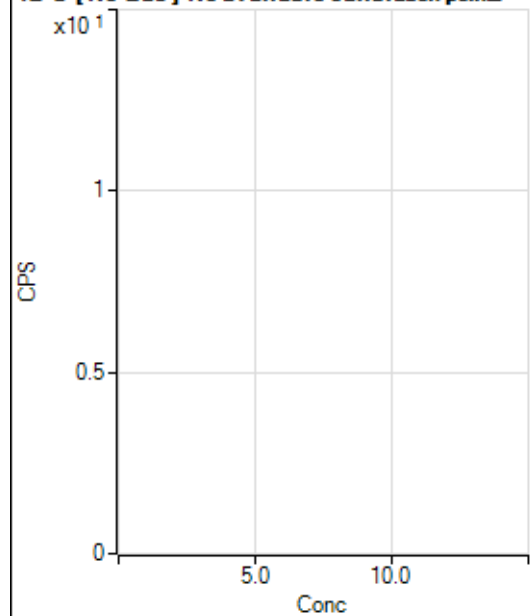
$$y = 0.0014 * x + 5.8628E-005$$

$$R = 0.9999$$

$$DL = 0.1179$$

Weight: <None>

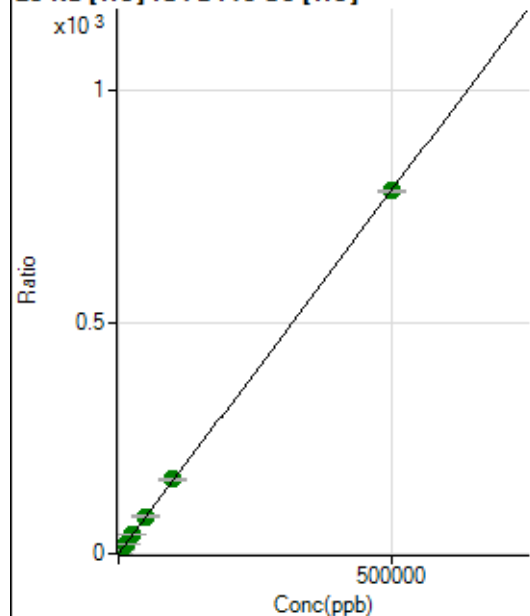
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j 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	11458.81	0.0825	P	3.1
2	☐	500.000	462.867	112429.43	0.8087	P	0.7
3	☐	5000.000	5153.114	1135874.70	8.1676	A	0.3
4	☐	12500.000	12807.267	2764067.22	20.1767	A	1.4
5	☐	25000.000	25447.682	5380112.60	40.0092	A	2.3
6	☐	50000.000	51307.417	10883586.85	80.5825	A	2.3
7	☐	100000.00	102320.94	22106144.67	160.6215	A	1.6
8	☐	500000.00	499373.51	110729679.4	783.5870	A	0.8

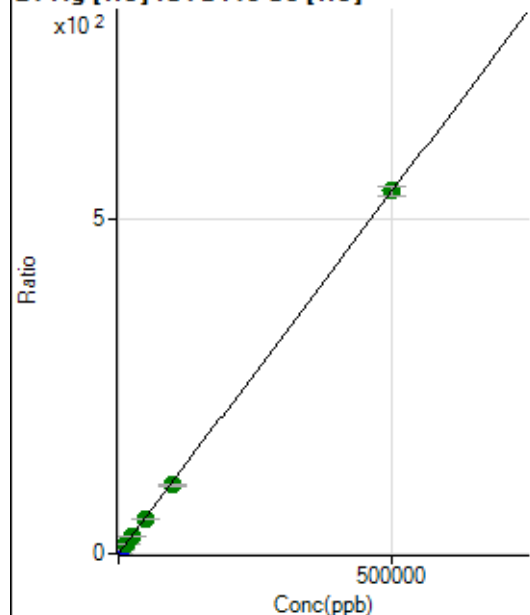
$$y = 0.0016 * x + 0.0825$$

$$R = 1.0000$$

$$DL = 4.923$$

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	522.24	0.0038	P	6.3
2	☐	500.000	437.473	66167.68	0.4759	P	0.6
3	☐	5000.000	4474.910	672166.84	4.8335	P	0.5
4	☐	12500.000	12209.150	1805870.36	13.1810	A	2.5
5	☐	25000.000	24101.978	3498657.76	26.0169	A	2.0
6	☐	50000.000	47983.819	6995662.95	51.7924	A	1.9
7	☐	100000.00	94601.231	14053497.57	102.1063	A	1.3
8	☐	500000.00	501338.85	76455924.97	541.0957	A	2.9

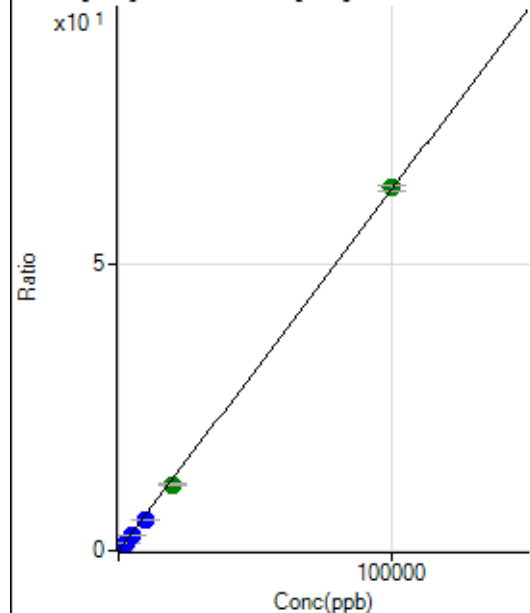
$$y = 0.0011 * x + 0.0038$$

$$R = 0.9999$$

$$DL = 0.6631$$

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	193.34	0.0014	P	6.6
2	☐	20.000	18.339	1800.12	0.0130	P	7.7
3	☐	1000.000	896.733	78791.90	0.5666	P	1.7
4	☐	2500.000	2199.336	190104.96	1.3877	P	0.1
5	☐	5000.000	4406.819	373730.29	2.7792	P	1.0
6	☐	10000.000	8640.670	735827.76	5.4479	P	1.8
7	☐	20000.000	18330.222	1590616.35	11.5555	A	0.6
8	☐	100000.00	100508.09	8952332.29	63.3550	A	1.4

$$y = 6.3033E-004 * x + 0.0014$$

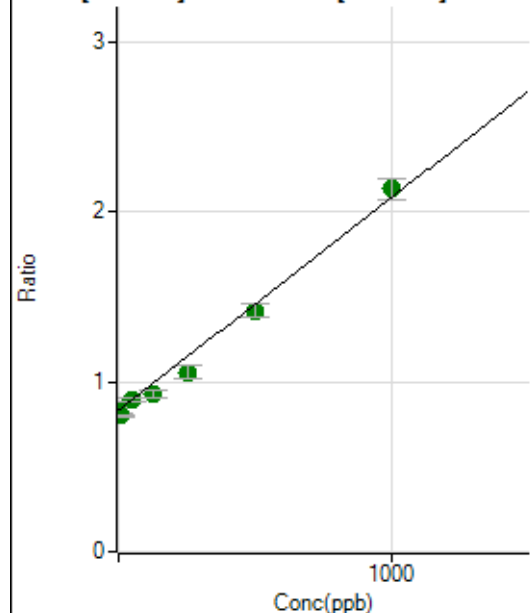
$$R = 0.9998$$

$$DL = 0.4359$$

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	1424115.75	0.8321	A	4.0
2	☐	10.000	-27.276	1409395.45	0.7980	A	1.7
3	☐	50.000	46.087	1529351.52	0.8897	A	2.5
4	☐	125.000	74.004	1613863.10	0.9246	A	5.4
5	☐	250.000	178.482	1829304.84	1.0553	A	7.7
6	☐	500.000	468.976	2353697.90	1.4184	A	6.1
7	☐	1000.000	1040.335	3664704.56	2.1327	A	5.5
8	☐			1268545.57	0.7396	A	2.2

$$y = 0.0013 * x + 0.8321$$

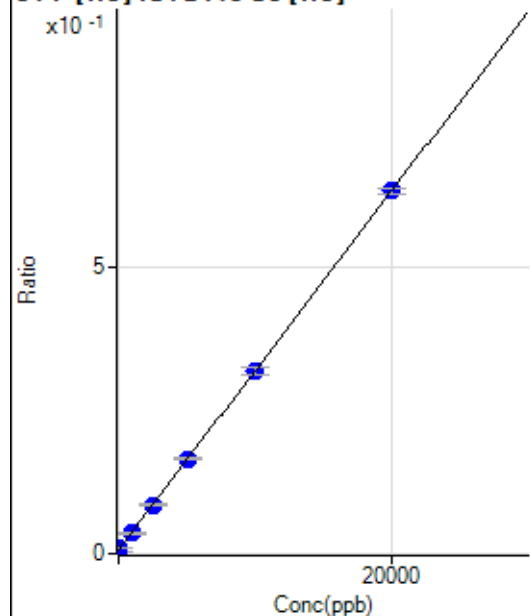
$$R = 0.9966$$

$$DL = 79.1$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-123.400	376.67	0.0027	P	14.0
2	☐	0.000	123.400	1454.53	0.0105	P	4.1
3	☐	1000.000	936.986	5007.53	0.0360	P	4.0
4	☐	2500.000	2522.865	11755.73	0.0858	P	0.6
5	☐	5000.000	5050.167	22211.83	0.1652	P	2.0
6	☐	10000.000	9948.906	43084.08	0.3190	P	3.7
7	☐	20000.000	20013.298	87397.37	0.6351	P	1.4
8	☐			387.79	0.0027	P	9.9

$$y = 3.1404E-005 * x + 0.0066$$

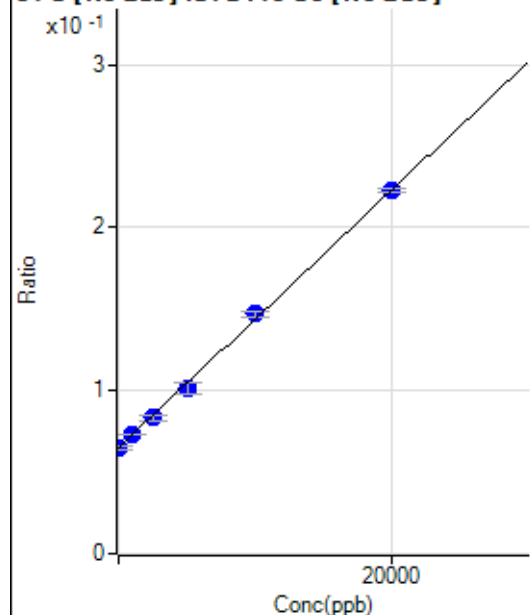
$$R = 0.9999$$

$$DL = 38.78$$

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	-15.537	111202.95	0.0650	P	3.7
2	☐	0.000	15.537	115151.74	0.0652	P	3.4
3	☐	1000.000	1039.999	126008.69	0.0733	P	0.7
4	☐	2500.000	2292.336	145242.66	0.0832	P	4.3
5	☐	5000.000	4592.508	175755.62	0.1014	P	6.6
6	☐	10000.000	10369.634	243941.90	0.1470	P	2.5
7	☐	20000.000	19941.014	382256.10	0.2225	P	1.1
8	☐			100267.30	0.0585	P	3.2

$$y = 7.8935E-006 * x + 0.0651$$

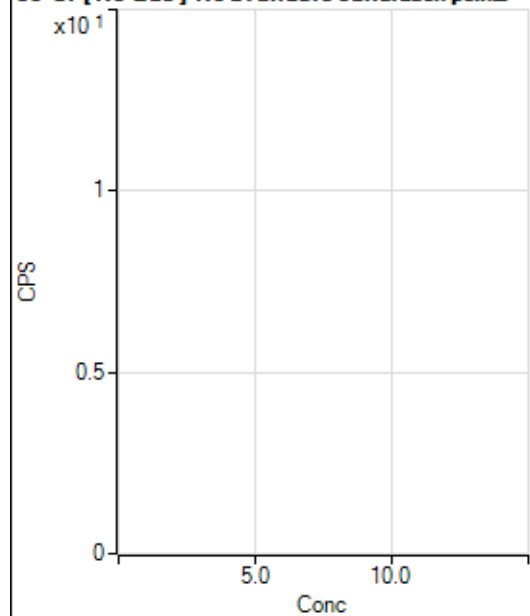
R = 0.9995

DL = 885

Weight: <None>

Min Conc: 0

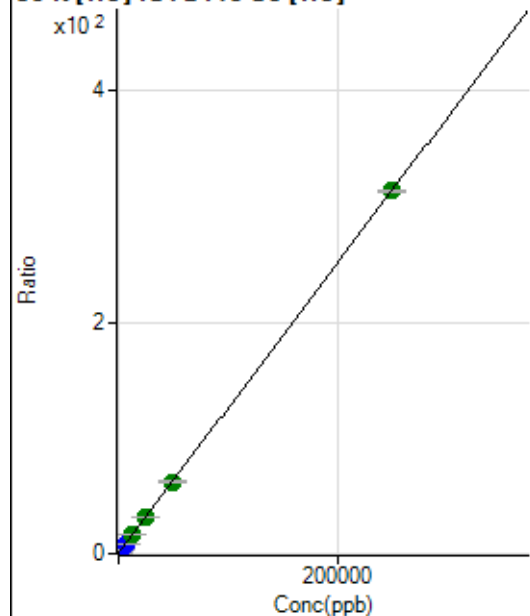
35 Cl [No Gas] No available calibration points



	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	41988.90	0.3021	P	0.5
2	☐	500.000	497.072	128592.57	0.9249	P	0.2
3	☐	2500.000	2489.027	475710.81	3.4210	P	1.2
4	☐	6250.000	6151.750	1097391.79	8.0105	P	0.5
5	☐	12500.000	12612.249	2165926.53	16.1059	A	0.4
6	☐	25000.000	24721.742	4224817.37	31.2797	A	1.6
7	☐	50000.000	49316.653	8546016.82	62.0985	A	1.3
8	☐	250000.00	250161.45	44337742.67	313.7678	A	0.7

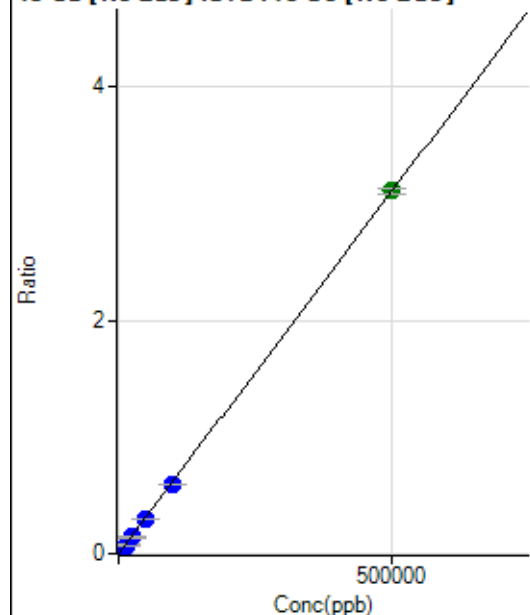
$$y = 0.0013 * x + 0.3021$$

$$R = 1.0000$$

$$DL = 3.918$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	260.00	0.0002	P	4.8
2	☐	500.000	460.379	5308.76	0.0030	P	5.1
3	☐	5000.000	4821.483	51675.78	0.0301	P	0.4
4	☐	12500.000	11616.137	126011.16	0.0722	P	6.4
5	☐	25000.000	22625.581	243461.04	0.1405	P	9.4
6	☐	50000.000	48092.322	495531.36	0.2985	P	2.5
7	☐	100000.00	94748.233	1010147.40	0.5880	P	0.7
8	☐	500000.00	501383.76	5335704.92	3.1108	A	1.6

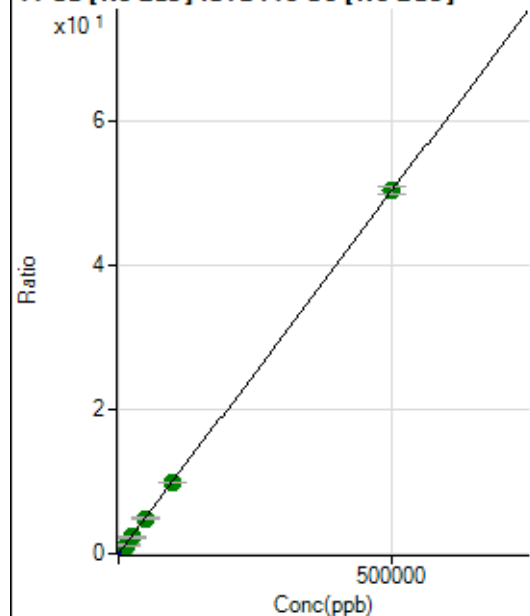
$$y = 6.2041\text{E-}006 * x + 1.5166\text{E-}004$$

$$R = 0.9999$$

$$DL = 3.527$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8774.91	0.0051	P	3.4
2	☐	500.000	462.611	91131.23	0.0516	P	4.0
3	☐	5000.000	4863.505	849033.12	0.4940	P	0.3
4	☐	12500.000	11891.760	2094466.83	1.2004	A	6.4
5	☐	25000.000	23064.797	4027819.87	2.3234	A	7.6
6	☐	50000.000	48825.841	8155738.63	4.9126	A	2.5
7	☐	100000.00	97825.458	16901420.86	9.8376	A	0.6
8	☐	500000.00	500665.69	86323553.16	50.3273	A	2.0

$$y = 1.0051\text{E-}004 * x + 0.0051$$

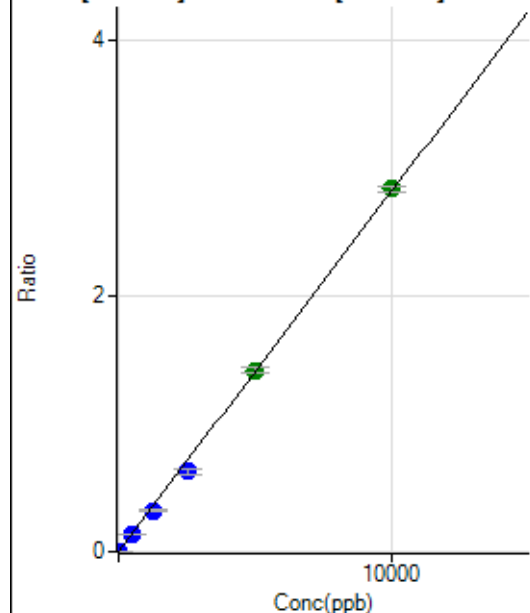
$$R = 1.0000$$

$$DL = 5.127$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	56.67	0.0000	P	8.8
2	☐	5.000	4.594	2344.66	0.0013	P	3.8
3	☐	500.000	473.586	229491.70	0.1335	P	0.9
4	☐	1250.000	1135.275	558431.23	0.3200	P	6.0
5	☐	2500.000	2216.161	1082376.54	0.6247	P	9.1
6	☐	5000.000	5036.590	2356195.03	1.4196	A	3.8
7	☐	10000.000	10068.326	4875676.25	2.8378	A	1.8
8	☐			300.01	0.0002	P	10.7

$$y = 2.8186\text{E-}004 * x + 3.3143\text{E-}005$$

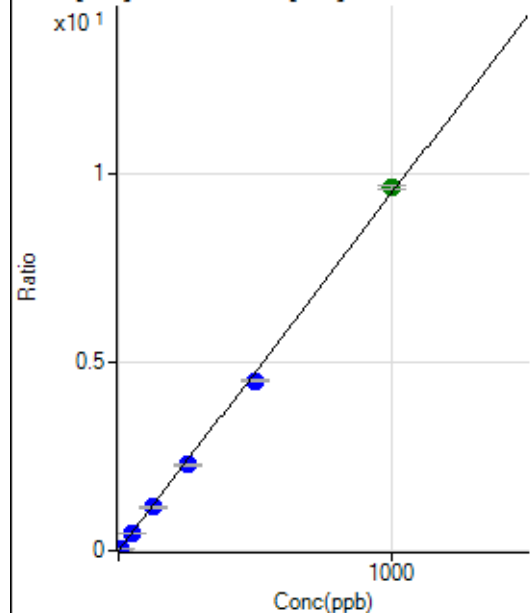
$$R = 0.9995$$

$$DL = 0.03106$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0001	P	18.3
2	☐	5.000	4.915	6489.23	0.0467	P	2.7
3	☐	50.000	48.585	64062.35	0.4607	P	0.6
4	☐	125.000	121.271	157500.15	1.1497	P	0.7
5	☐	250.000	239.855	305787.77	2.2739	P	1.1
6	☐	500.000	474.798	607982.63	4.5012	P	0.8
7	☐	1000.000	1015.675	1325105.85	9.6287	A	1.0
8	☐			358.90	0.0025	P	10.0

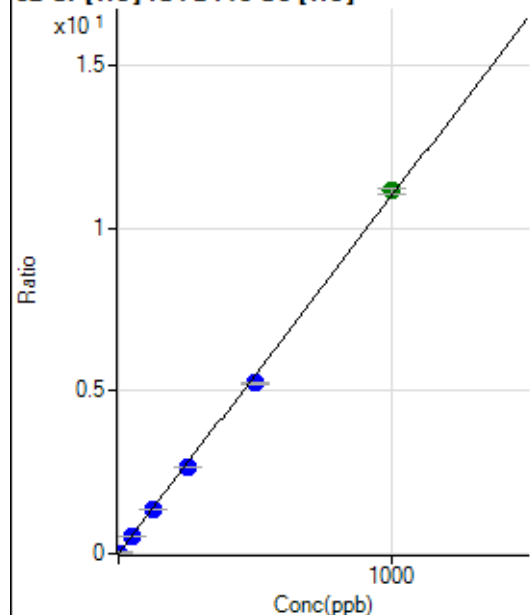
$$y = 0.0095 * x + 8.0019\text{E-}005$$

$$R = 0.9995$$

$$DL = 0.004646$$

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	1072.27	0.0077	P	5.8
2	☐	2.000	1.980	4099.49	0.0295	P	3.0
3	☐	50.000	49.107	76153.94	0.5476	P	0.7
4	☐	125.000	121.503	184057.94	1.3435	P	0.3
5	☐	250.000	240.552	356679.52	2.6524	P	1.1
6	☐	500.000	476.722	708973.15	5.2489	P	1.0
7	☐	1000.000	1014.483	1535894.70	11.1611	A	1.5
8	☐			3190.37	0.0226	P	2.4

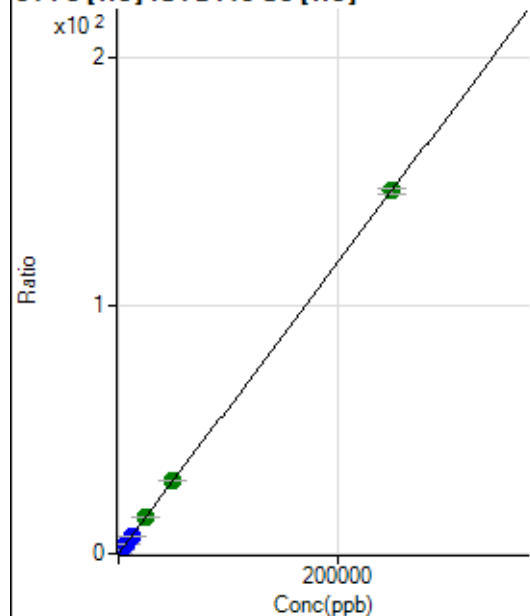
$$y = 0.0110 * x + 0.0077$$

$$R = 0.9995$$

$$DL = 0.1212$$

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	1825.69	0.0131	P	3.7
2	☐	50.000	49.685	5861.19	0.0422	P	2.0
3	☐	2500.000	2506.086	205374.21	1.4768	P	0.4
4	☐	6250.000	6155.359	494284.98	3.6082	P	0.5
5	☐	12500.000	12274.956	965873.08	7.1823	P	0.7
6	☐	25000.000	24900.784	1966210.44	14.5565	A	0.3
7	☐	50000.000	50013.194	4021936.78	29.2234	A	0.7
8	☐	250000.00	250020.84	20635871.22	146.0382	A	1.3

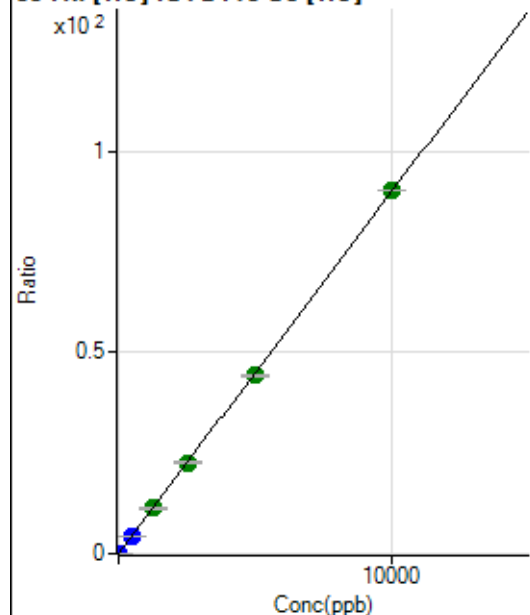
$$y = 5.8405E-004 * x + 0.0131$$

$$R = 1.0000$$

$$DL = 2.468$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1083.38	0.0078	P	3.6
2	☐	1.000	1.068	2418.00	0.0174	P	3.2
3	☐	500.000	480.067	601384.27	4.3246	P	0.9
4	☐	1250.000	1257.565	1550091.10	11.3160	A	1.6
5	☐	2500.000	2512.206	3038790.23	22.5978	A	1.6
6	☐	5000.000	4931.785	5991156.93	44.3550	A	0.7
7	☐	10000.000	10031.107	12416185.93	90.2086	A	0.1
8	☐			5687.81	0.0403	P	1.8

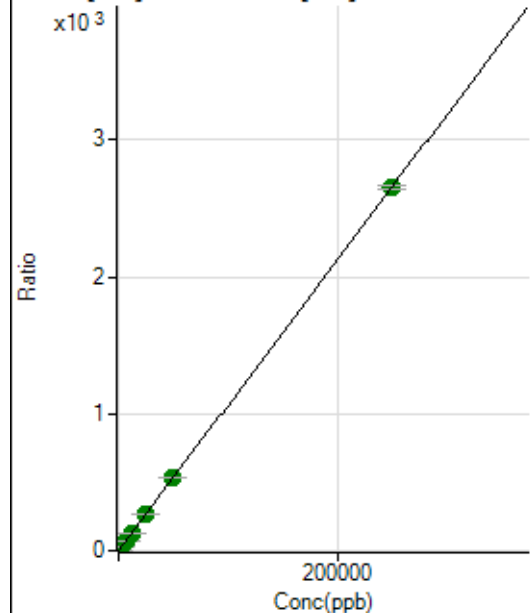
$$y = 0.0090 * x + 0.0078$$

$$R = 1.0000$$

$$DL = 0.09358$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17293.42	0.1244	P	1.4
2	☐	50.000	49.440	90106.69	0.6481	P	0.4
3	☐	2500.000	2560.566	3789481.13	27.2484	A	1.2
4	☐	6250.000	6352.458	9234988.27	67.4158	A	1.4
5	☐	12500.000	12536.258	17875942.65	132.9206	A	0.5
6	☐	25000.000	24875.210	35607350.86	263.6267	A	1.4
7	☐	50000.000	50192.984	73187819.47	531.8170	A	1.4
8	☐	250000.00	249968.90	374199789.9	2648.036	A	0.9

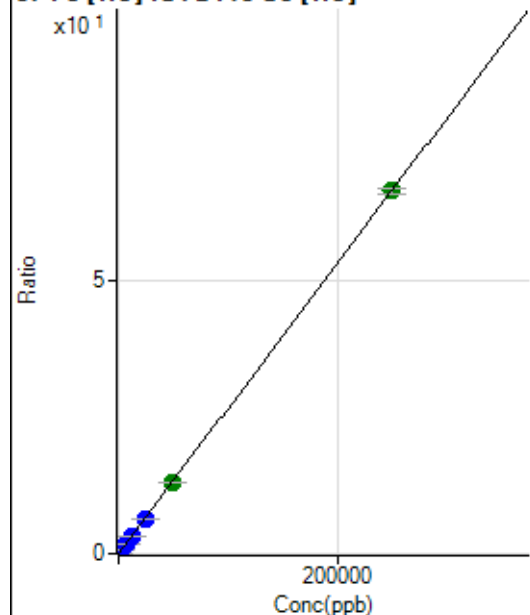
$$y = 0.0106 * x + 0.1244$$

$$R = 1.0000$$

$$DL = 0.478$$

Weight: <None>

Min Conc: 0

⁵⁷Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1173.39	0.0084	P	2.0
2	☐	50.000	49.004	2975.89	0.0214	P	5.8
3	☐	2500.000	2501.228	93193.31	0.6701	P	0.3
4	☐	6250.000	6149.877	224026.28	1.6354	P	0.7
5	☐	12500.000	12234.289	436379.76	3.2450	P	0.6
6	☐	25000.000	24229.076	866904.28	6.4181	P	1.0
7	☐	50000.000	49150.936	1790531.64	13.0111	A	1.2
8	☐	250000.00	250262.68	9356326.18	66.2142	A	1.3

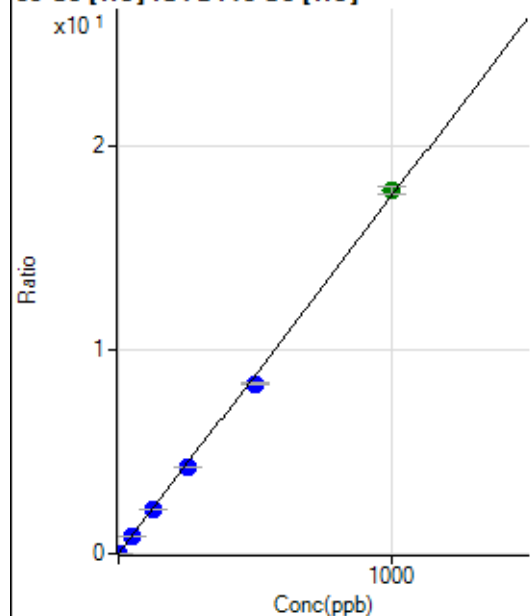
$$y = 2.6455E-004 * x + 0.0084$$

$$R = 1.0000$$

$$DL = 1.87$$

Weight: <None>

Min Conc: 0

⁵⁹Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.00	0.0003	P	20.9
2	☐	1.000	1.043	2583.58	0.0186	P	5.9
3	☐	50.000	49.266	120248.94	0.8647	P	1.3
4	☐	125.000	121.495	292087.23	2.1321	P	0.1
5	☐	250.000	240.234	566901.31	4.2156	P	0.6
6	☐	500.000	475.795	1127687.82	8.3489	P	0.9
7	☐	1000.000	1015.019	2450673.82	17.8104	A	2.2
8	☐			3760.51	0.0266	P	2.5

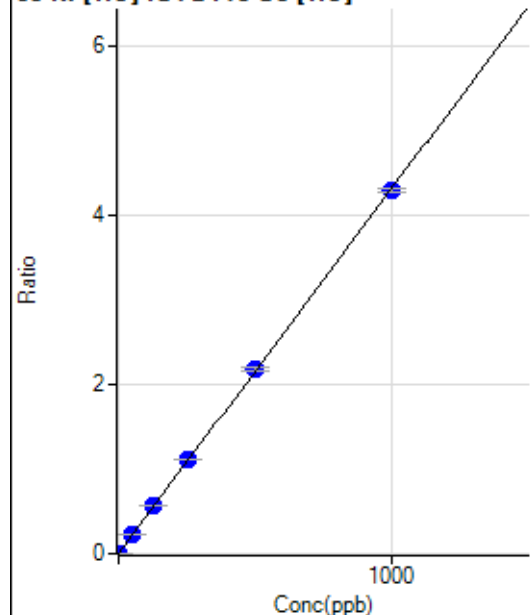
$$y = 0.0175 * x + 2.8735E-004$$

$$R = 0.9995$$

$$DL = 0.01028$$

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	322.23	0.0023	P	8.4
2	☐	1.000	0.877	848.92	0.0061	P	10.6
3	☐	50.000	53.053	32175.74	0.2314	P	1.7
4	☐	125.000	129.313	76807.18	0.5607	P	0.6
5	☐	250.000	257.387	149758.06	1.1137	P	1.2
6	☐	500.000	506.377	295629.83	2.1887	P	1.5
7	☐	1000.000	994.273	591135.01	4.2954	P	1.0
8	☐			2125.73	0.0150	P	4.6

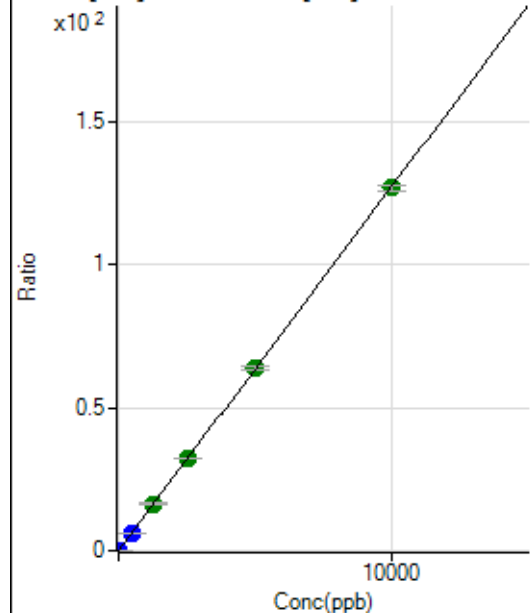
$$y = 0.0043 * x + 0.0023$$

$$R = 0.9999$$

$$DL = 0.1361$$

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	977.82	0.0070	P	12.6
2	☐	2.000	2.002	4519.62	0.0325	P	2.6
3	☐	500.000	492.017	871628.40	6.2680	P	1.1
4	☐	1250.000	1291.849	2252822.15	16.4460	A	1.5
5	☐	2500.000	2535.379	4339476.15	32.2700	A	1.8
6	☐	5000.000	5026.768	8640480.15	63.9733	A	2.0
7	☐	10000.000	9972.939	17464255.02	126.9139	A	1.8
8	☐			4072.81	0.0288	P	7.1

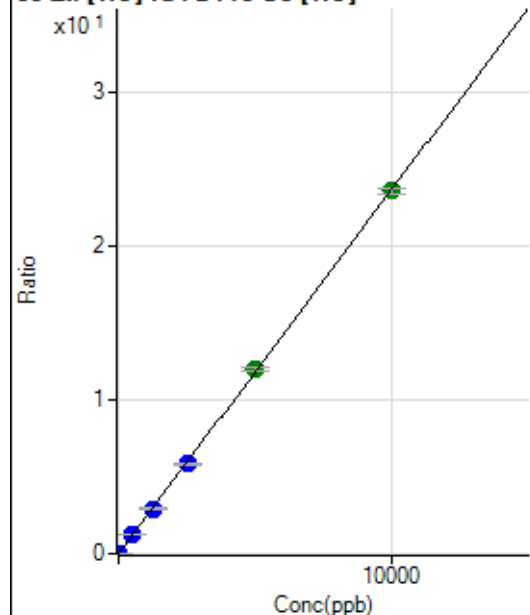
$$y = 0.0127 * x + 0.0070$$

$$R = 1.0000$$

$$DL = 0.2087$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.52	0.0011	P	10.2
2	☐	5.000	5.085	1829.77	0.0132	P	4.1
3	☐	500.000	503.348	165902.78	1.1930	P	0.4
4	☐	1250.000	1238.489	401884.63	2.9337	P	0.7
5	☐	2500.000	2464.399	784863.67	5.8365	P	1.3
6	☐	5000.000	5076.610	1623717.45	12.0219	A	2.0
7	☐	10000.000	9971.867	3249386.22	23.6133	A	1.6
8	☐			14254.25	0.1009	P	0.7

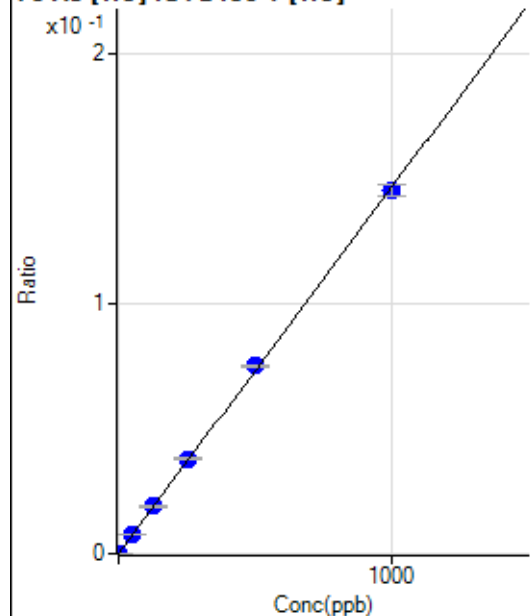
$$y = 0.0024 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 0.1439$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	33.6
2	☐	1.000	1.033	224.45	0.0002	P	7.2
3	☐	50.000	52.518	10688.40	0.0077	P	1.2
4	☐	125.000	129.086	25947.30	0.0189	P	2.4
5	☐	250.000	259.155	50338.74	0.0379	P	0.7
6	☐	500.000	512.132	100122.36	0.0749	P	1.2
7	☐	1000.000	991.008	202665.14	0.1449	P	3.1
8	☐			106.67	0.0001	P	14.5

$$y = 1.4623E-004 * x + 8.8242E-006$$

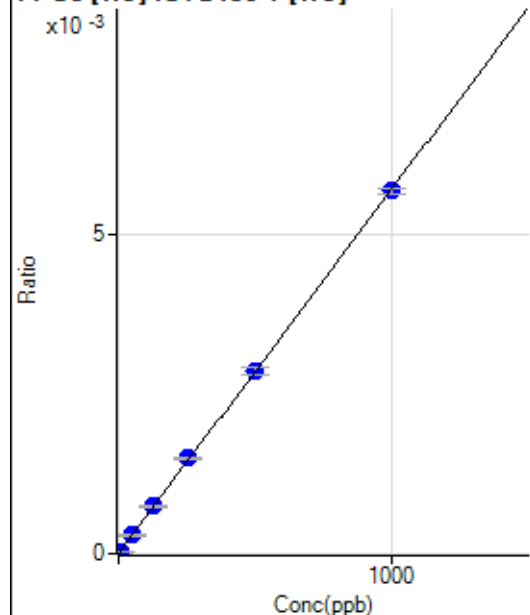
$$R = 0.9998$$

$$DL = 0.06089$$

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	5.56	0.0000	P	34.9
2	☐	5.000	4.446	41.11	0.0000	P	22.0
3	☐	50.000	49.666	398.90	0.0003	P	15.9
4	☐	125.000	129.359	1018.93	0.0007	P	1.5
5	☐	250.000	261.424	1983.49	0.0015	P	2.2
6	☐	500.000	501.115	3821.64	0.0029	P	4.9
7	☐	1000.000	996.061	7944.44	0.0057	P	1.5
8	☐			7.78	0.0000	P	136.

$$y = 5.6979E-006 * x + 3.9965E-006$$

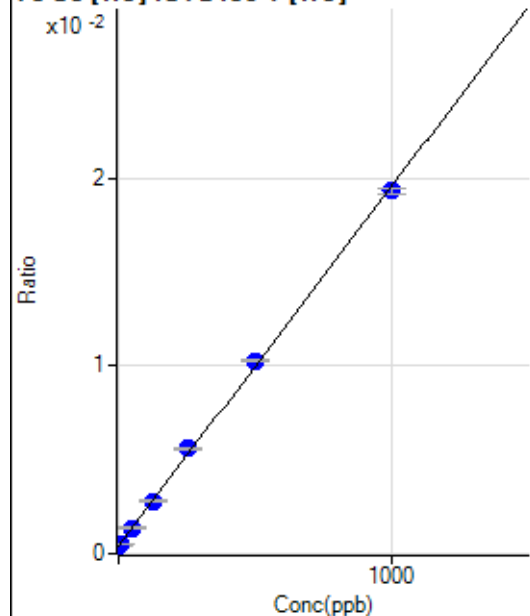
$$R = 0.9999$$

$$DL = 0.7339$$

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	581.13	0.0004	P	11.8
2	☐	5.000	4.044	695.58	0.0005	P	6.3
3	☐	50.000	48.459	1869.03	0.0013	P	9.4
4	☐	125.000	124.444	3847.21	0.0028	P	2.7
5	☐	250.000	270.524	7430.83	0.0056	P	3.1
6	☐	500.000	514.929	13733.18	0.0103	P	1.3
7	☐	1000.000	987.556	27020.40	0.0193	P	1.8
8	☐			540.02	0.0004	P	11.3

$$y = 1.9138E-005 * x + 4.1833E-004$$

$$R = 0.9996$$

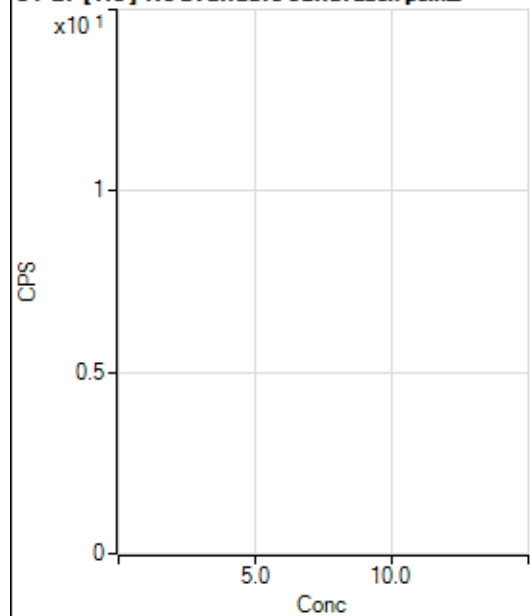
$$DL = 7.731$$

Weight: <None>

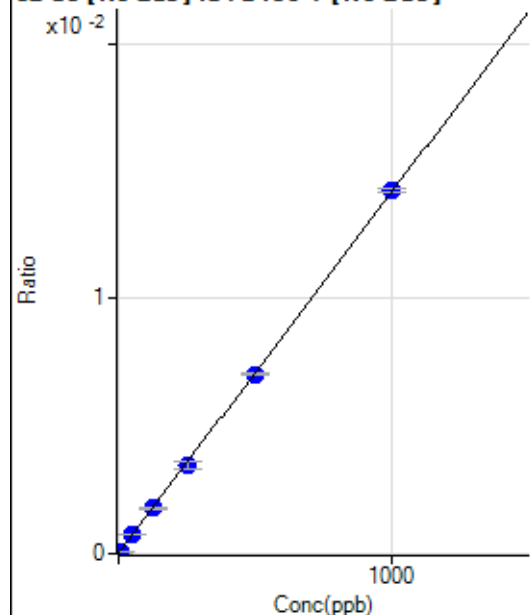
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19611.06		P	0.6
2	☐			19821.26		P	0.7
3	☐			19638.82		P	1.1
4	☐			19188.24		P	1.3
5	☐			18370.49		P	1.9
6	☐			17961.12		P	0.1
7	☐			18962.35		P	2.3
8	☐			19692.23		P	1.5

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			156.67		P	3.7
2	☐			146.67		P	10.4
3	☐			154.45		P	15.9
4	☐			156.67		P	16.6
5	☐			160.00		P	15.7
6	☐			153.33		P	26.4
7	☐			155.56		P	34.2
8	☐			168.89		P	10.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	129.84	0.0000	P	45.4
2	☐	5.000	5.357	538.99	0.0001	P	9.7
3	☐	50.000	51.700	3994.08	0.0008	P	3.1
4	☐	125.000	125.544	9602.74	0.0018	P	4.8
5	☐	250.000	241.976	18276.48	0.0034	P	8.5
6	☐	500.000	496.042	36470.41	0.0070	P	1.9
7	☐	1000.000	1003.830	73204.29	0.0142	P	1.1
8	☐			260.21	0.0000	P	24.1

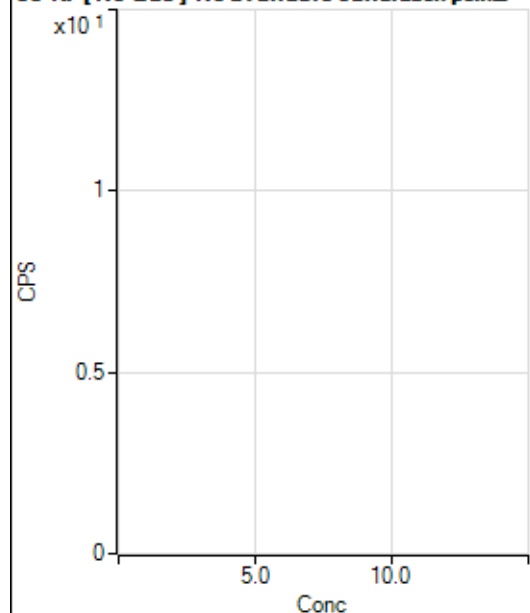
$$y = 1.4152E-005 * x + 2.4778E-005$$

$$R = 0.9999$$

$$DL = 2.383$$

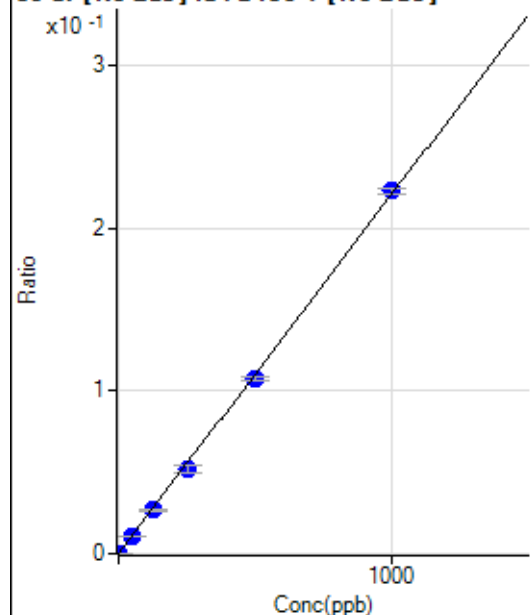
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			305.56		P	14.4
2	☐			232.23		P	11.5
3	☐			263.34		P	5.1
4	☐			257.78		P	12.6
5	☐			272.23		P	22.9
6	☐			275.56		P	5.7
7	☐			273.34		P	14.1
8	☐			312.23		P	11.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	434.46	0.0001	P	11.8
2	☐	1.000	1.004	1633.44	0.0003	P	7.0
3	☐	50.000	50.190	58966.79	0.0112	P	1.0
4	☐	125.000	122.227	144316.43	0.0271	P	5.2
5	☐	250.000	236.623	277324.35	0.0523	P	8.7
6	☐	500.000	486.984	557160.40	0.1076	P	2.6
7	☐	1000.000	1010.189	1147996.86	0.2232	P	1.8
8	☐			4559.64	0.0009	P	3.0

$$y = 2.2084\text{E-}004 * x + 8.3034\text{E-}005$$

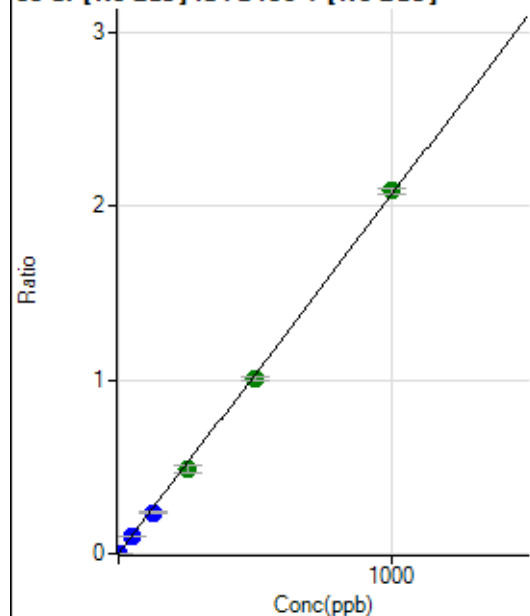
$$R = 0.9998$$

$$DL = 0.1331$$

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	86.67	0.0000	P	9.8
2	☐	1.000	0.934	10436.02	0.0019	P	5.1
3	☐	50.000	46.972	512358.21	0.0970	P	0.4
4	☐	125.000	113.159	1245885.77	0.2337	P	4.7
5	☐	250.000	236.034	2583445.69	0.4875	A	8.4
6	☐	500.000	488.431	5222023.81	1.0088	A	2.8
7	☐	1000.000	1010.908	10739807.62	2.0878	A	1.6
8	☐			35951.81	0.0069	P	1.7

$$y = 0.0021 * x + 1.6561\text{E-}005$$

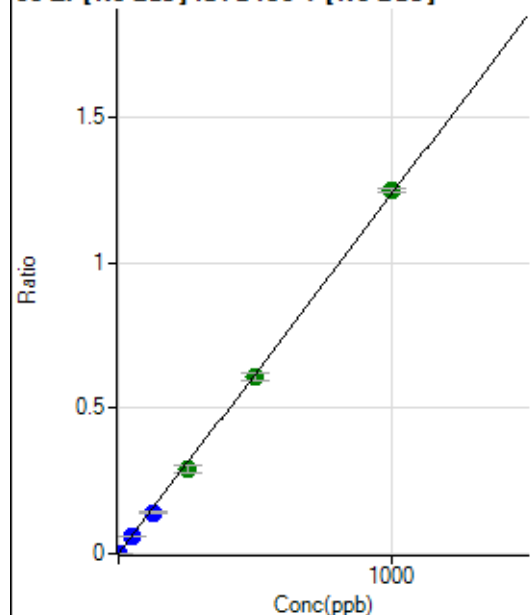
$$R = 0.9998$$

$$DL = 0.002355$$

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	211.12	0.0000	P	15.0
2	☐	1.000	0.980	6707.16	0.0013	P	4.4
3	☐	50.000	46.734	305100.11	0.0578	P	0.7
4	☐	125.000	112.912	743740.00	0.1395	P	5.5
5	☐	250.000	235.530	1542174.61	0.2910	A	8.5
6	☐	500.000	491.735	3144949.95	0.6076	A	3.6
7	☐	1000.000	1009.424	6415762.82	1.2472	A	1.0
8	☐			5443.28	0.0010	P	4.5

$$y = 0.0012 * x + 4.0345E-005$$

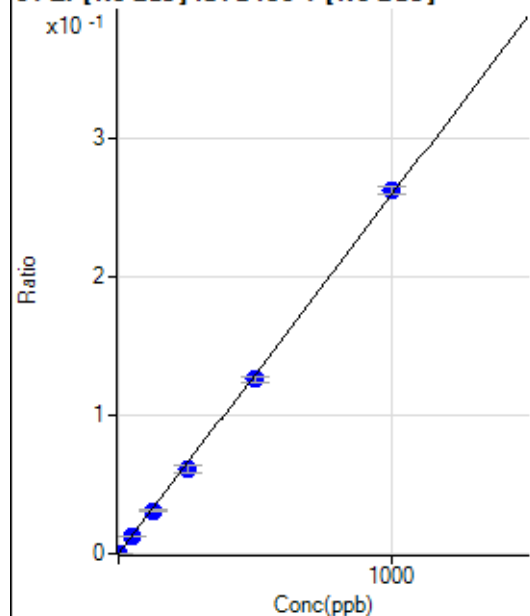
$$R = 0.9998$$

$$DL = 0.01467$$

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	46.67	0.0000	P	14.8
2	☐	1.000	1.061	1518.99	0.0003	P	6.7
3	☐	50.000	49.480	67606.05	0.0128	P	1.6
4	☐	125.000	120.265	165796.50	0.0311	P	5.5
5	☐	250.000	233.683	320197.87	0.0604	P	8.8
6	☐	500.000	486.170	650828.30	0.1257	P	2.6
7	☐	1000.000	1011.612	1345596.93	0.2616	P	2.2
8	☐			1183.39	0.0002	P	4.9

$$y = 2.5858E-004 * x + 8.9244E-006$$

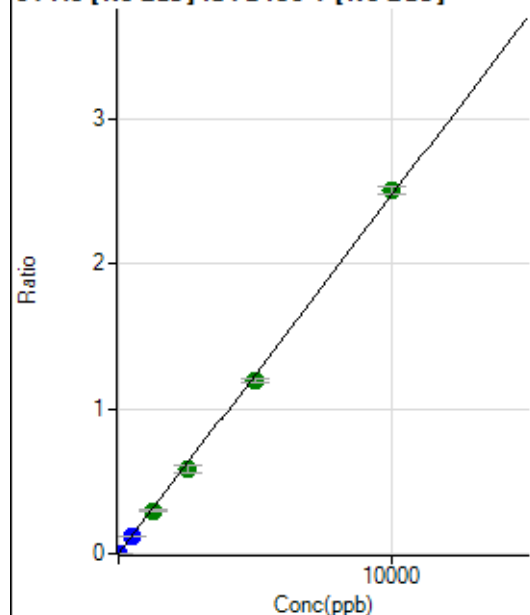
$$R = 0.9997$$

$$DL = 0.01534$$

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	134.45	0.0000	P	13.2
2	☐	5.000	5.584	7533.11	0.0014	P	6.1
3	☐	500.000	471.776	615537.24	0.1166	P	1.2
4	☐	1250.000	1201.045	1581277.82	0.2967	A	6.6
5	☐	2500.000	2355.565	3083619.92	0.5819	A	8.5
6	☐	5000.000	4833.254	6180843.03	1.1940	A	3.0
7	☐	10000.000	10127.012	12868578.84	2.5017	A	2.0
8	☐			3726.07	0.0007	P	4.2

$$y = 2.4703E-004 * x + 2.5687E-005$$

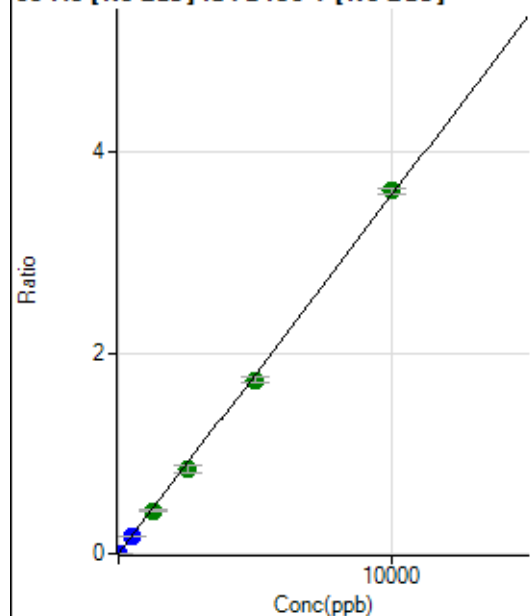
$$R = 0.9997$$

$$DL = 0.04116$$

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	134.44	0.0000	P	14.0
2	☐	5.000	4.628	9001.73	0.0017	P	6.1
3	☐	500.000	463.834	875193.39	0.1657	P	1.3
4	☐	1250.000	1202.620	2290275.31	0.4297	A	5.5
5	☐	2500.000	2370.168	4486866.22	0.8468	A	8.8
6	☐	5000.000	4837.513	8946896.60	1.7284	A	3.3
7	☐	10000.000	10121.432	18602464.17	3.6162	A	1.6
8	☐			2284.65	0.0004	P	3.9

$$y = 3.5728E-004 * x + 2.5694E-005$$

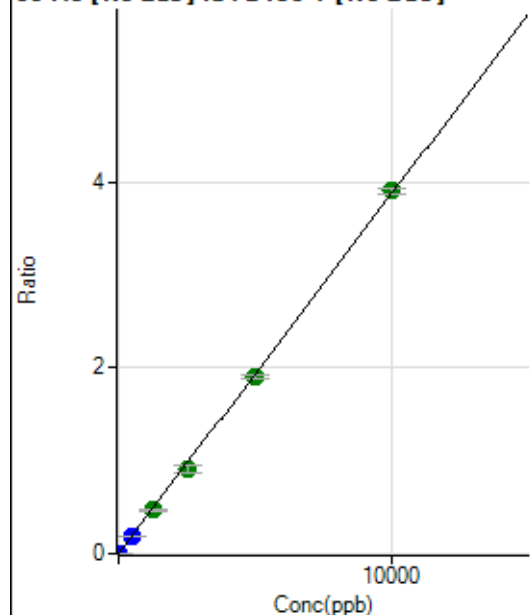
$$R = 0.9997$$

$$DL = 0.03014$$

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	212.23	0.0000	P	10.9
2	☐	5.000	4.713	10011.29	0.0019	P	4.3
3	☐	500.000	465.506	952779.31	0.1804	P	1.0
4	☐	1250.000	1204.869	2489224.42	0.4670	A	4.6
5	☐	2500.000	2345.868	4819186.84	0.9091	A	7.5
6	☐	5000.000	4921.230	9872583.74	1.9071	A	2.8
7	☐	10000.000	10085.284	20103972.06	3.9083	A	1.9
8	☐			10537.24	0.0020	P	0.6

$$y = 3.8752E-004 * x + 4.0578E-005$$

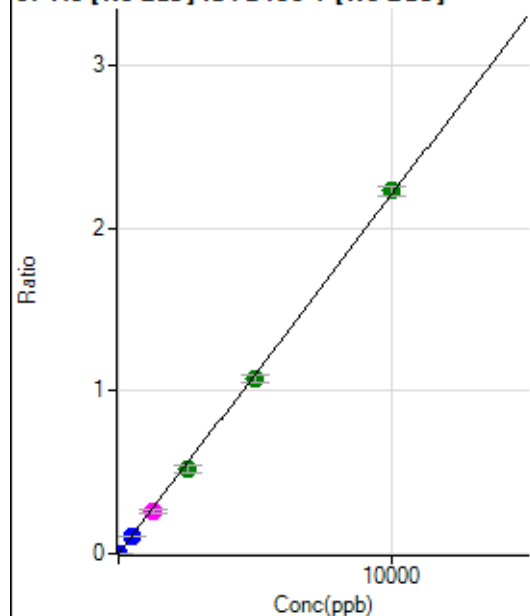
$$R = 0.9998$$

$$DL = 0.03428$$

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	72.22	0.0000	P	6.7
2	☐	5.000	4.733	5668.93	0.0011	P	5.0
3	☐	500.000	469.391	546535.30	0.1035	P	1.0
4	☐	1250.000	1175.889	1381388.90	0.2593	M	7.4
5	☐	2500.000	2365.114	2762506.14	0.5215	A	9.2
6	☐	5000.000	4877.304	5565746.86	1.0753	A	4.5
7	☐	10000.000	10105.864	11460581.35	2.2281	A	2.5
8	☐			1528.99	0.0003	P	8.4

$$y = 2.2047E-004 * x + 1.3802E-005$$

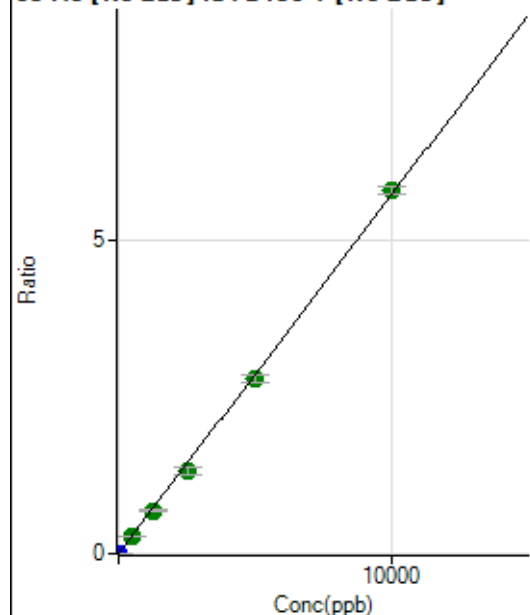
$$R = 0.9998$$

$$DL = 0.0126$$

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	198.89	0.0000	P	9.1
2	☐	5.000	4.619	14342.71	0.0027	P	6.5
3	☐	500.000	497.719	1500898.42	0.2842	A	1.0
4	☐	1250.000	1196.359	3641297.79	0.6832	A	5.3
5	☐	2500.000	2328.128	7042379.69	1.3294	A	9.3
6	☐	5000.000	4878.770	14419350.20	2.7858	A	4.3
7	☐	10000.000	10110.403	29696675.11	5.7731	A	2.2
8	☐			3632.72	0.0007	P	8.2

$$y = 5.7100\text{E-}004 * x + 3.8007\text{E-}005$$

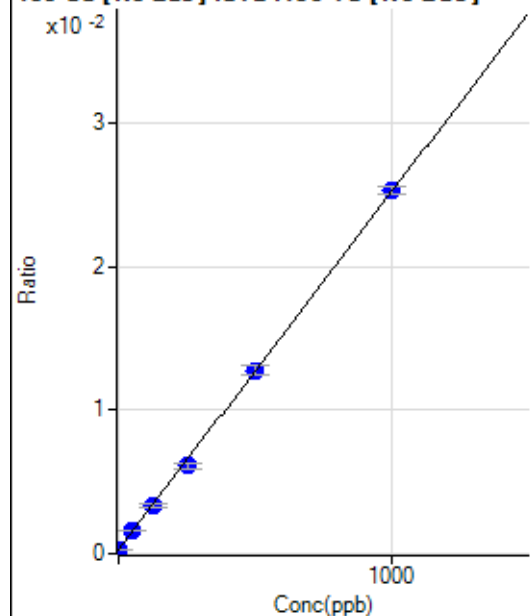
$$R = 0.9997$$

$$DL = 0.01826$$

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	1044.49	0.0003	P	14.2
2	☐	1.000	0.121	1081.16	0.0003	P	1.1
3	☐	50.000	52.355	5915.70	0.0016	P	2.0
4	☐	125.000	124.499	13007.07	0.0034	P	7.7
5	☐	250.000	235.724	24082.45	0.0062	P	6.6
6	☐	500.000	500.672	48143.02	0.0127	P	5.2
7	☐	1000.000	1003.179	96478.44	0.0253	P	2.0
8	☐			1041.16	0.0003	P	3.1

$$y = 2.4897\text{E-}005 * x + 2.8134\text{E-}004$$

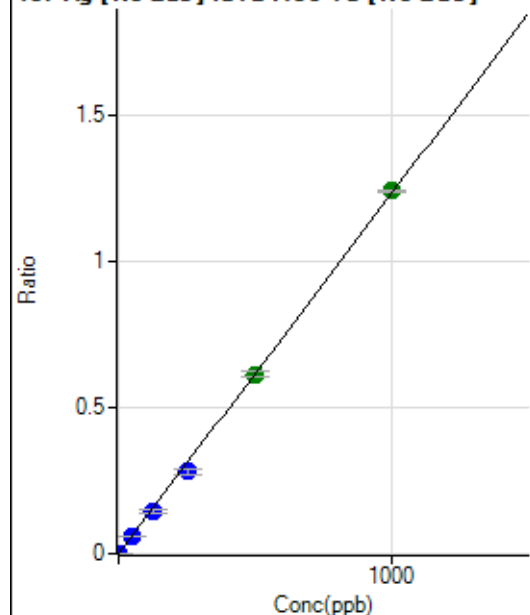
$$R = 0.9999$$

$$DL = 4.828$$

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	28.89	0.0000	P	54.5
2	☐	1.000	1.063	5003.14	0.0013	P	5.7
3	☐	50.000	50.567	232695.46	0.0623	P	0.6
4	☐	125.000	119.216	565247.61	0.1469	P	8.0
5	☐	250.000	227.397	1097044.78	0.2803	P	8.1
6	☐	500.000	497.636	2317397.24	0.6134	A	3.1
7	☐	1000.000	1007.527	4744062.74	1.2418	A	0.7
8	☐			513.35	0.0001	P	18.0

$$y = 0.0012 * x + 7.7878E-006$$

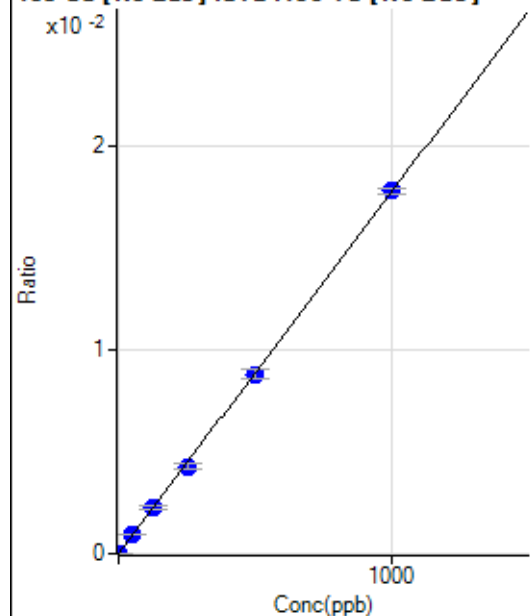
$$R = 0.9997$$

$$DL = 0.01033$$

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	6.67	0.0000	P	100.
2	☐	1.000	0.773	58.89	0.0000	P	18.1
3	☐	50.000	51.476	3420.44	0.0009	P	1.5
4	☐	125.000	128.651	8799.43	0.0023	P	7.9
5	☐	250.000	241.814	16822.13	0.0043	P	8.1
6	☐	500.000	496.284	33306.15	0.0088	P	5.5
7	☐	1000.000	1003.375	68099.51	0.0178	P	1.7
8	☐			25.55	0.0000	P	16.1

$$y = 1.7766E-005 * x + 1.7883E-006$$

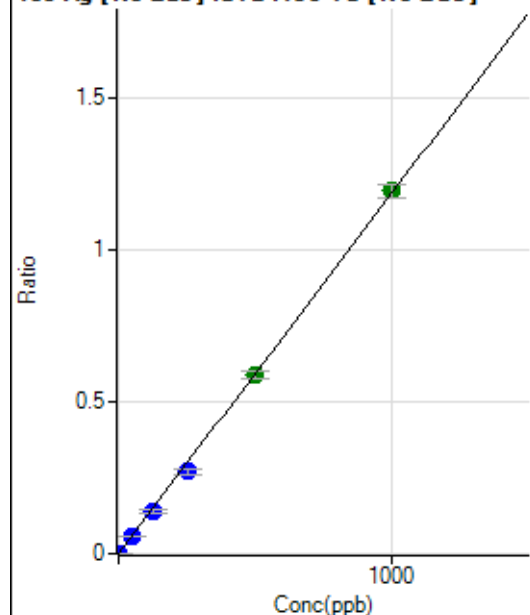
$$R = 0.9999$$

$$DL = 0.3029$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.78	0.0000	P	12.7
2	☐	1.000	1.068	4855.31	0.0013	P	5.0
3	☐	50.000	50.340	223120.52	0.0598	P	0.9
4	☐	125.000	119.388	545223.48	0.1417	P	7.9
5	☐	250.000	227.322	1056158.38	0.2699	P	8.4
6	☐	500.000	497.616	2231431.41	0.5907	A	4.6
7	☐	1000.000	1007.546	4568212.81	1.1961	A	3.7
8	☐			524.46	0.0001	P	18.0

$$y = 0.0012 * x + 1.0171E-005$$

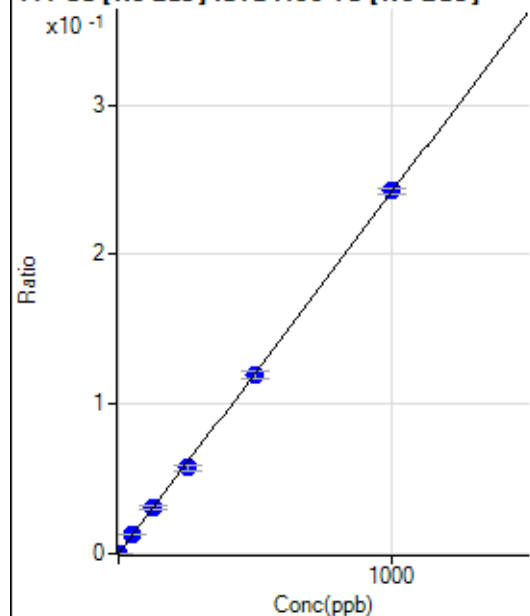
$$R = 0.9997$$

$$DL = 0.003277$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	420.91	0.0001	P	15.2
2	☐	1.000	0.867	1225.72	0.0003	P	4.8
3	☐	50.000	53.549	48681.63	0.0130	P	0.1
4	☐	125.000	125.245	116742.77	0.0303	P	8.0
5	☐	250.000	238.319	225700.19	0.0576	P	7.1
6	☐	500.000	496.335	453063.72	0.1199	P	4.0
7	☐	1000.000	1004.545	926823.14	0.2426	P	1.3
8	☐			564.14	0.0001	P	1.4

$$y = 2.4141E-004 * x + 1.1338E-004$$

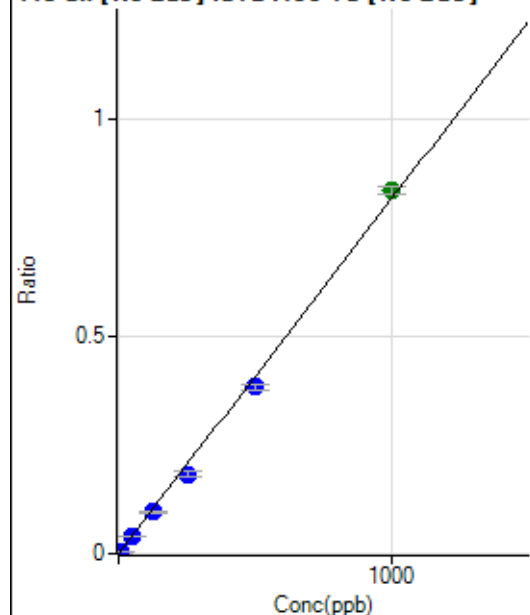
$$R = 0.9999$$

$$DL = 0.2137$$

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	982.27	0.0003	P	6.4
2	☐	5.000	4.847	16024.59	0.0042	P	4.8
3	☐	50.000	49.709	152372.48	0.0408	P	0.9
4	☐	125.000	116.777	367659.86	0.0955	P	6.5
5	☐	250.000	223.993	716270.23	0.1830	P	8.1
6	☐	500.000	469.773	1448725.60	0.3835	P	4.0
7	☐	1000.000	1022.658	3187788.15	0.8345	A	2.2
8	☐			1760.13	0.0005	P	1.4

$$y = 8.1579E-004 * x + 2.6455E-004$$

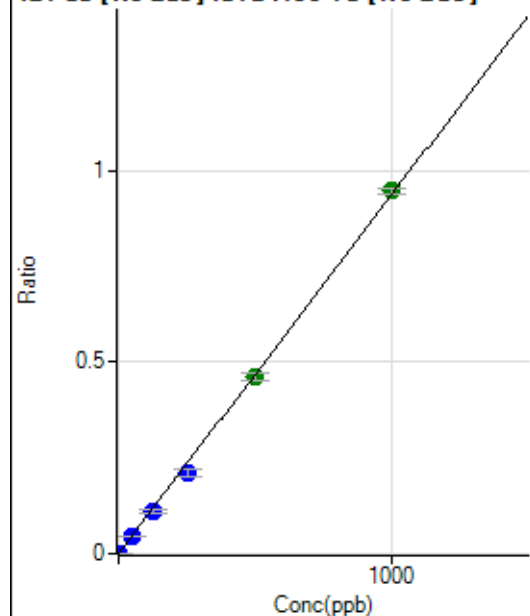
$$R = 0.9989$$

$$DL = 0.06273$$

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	17.78	0.0000	P	79.1
2	☐	2.000	2.015	7181.85	0.0019	P	4.3
3	☐	50.000	49.521	173042.04	0.0464	P	0.9
4	☐	125.000	118.159	425503.22	0.1106	P	7.4
5	☐	250.000	224.508	822408.50	0.2101	P	8.4
6	☐	500.000	491.613	1738110.53	0.4601	A	4.1
7	☐	1000.000	1011.446	3616088.42	0.9466	A	1.6
8	☐			1830.13	0.0005	P	3.5

$$y = 9.3592E-004 * x + 4.8115E-006$$

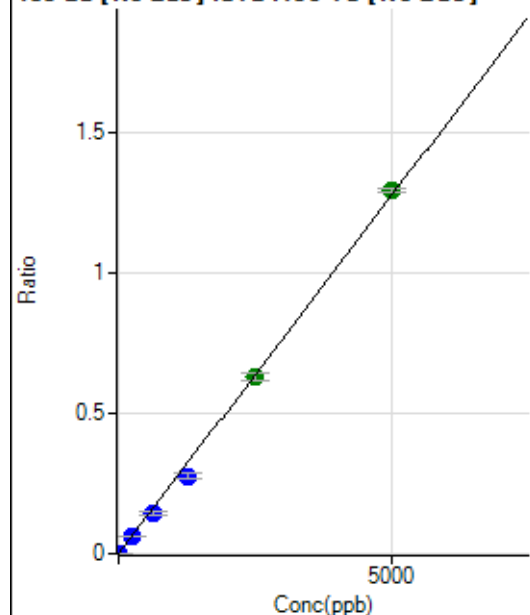
$$R = 0.9996$$

$$DL = 0.0122$$

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	23.33	0.0000	P	51.1
2	☐	10.000	9.125	8848.39	0.0023	P	5.5
3	☐	250.000	239.014	227244.49	0.0609	P	0.4
4	☐	625.000	561.996	550748.18	0.1431	P	6.9
5	☐	1250.000	1079.993	1076676.18	0.2750	P	7.6
6	☐	2500.000	2467.005	2373521.68	0.6283	A	3.6
7	☐	5000.000	5067.426	4929768.36	1.2905	A	1.1
8	☐			2185.74	0.0006	P	2.1

$$y = 2.5466\text{E-}004 * x + 6.2678\text{E-}006$$

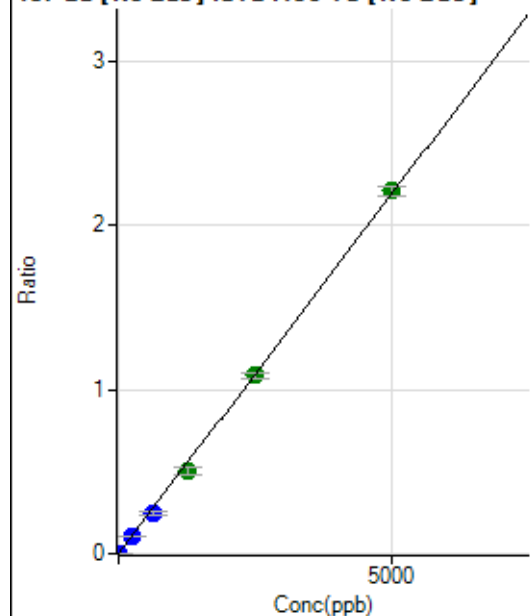
$$R = 0.9993$$

$$DL = 0.03776$$

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	35.56	0.0000	P	14.9
2	☐	10.000	9.257	15445.16	0.0041	P	4.5
3	☐	250.000	239.737	392214.18	0.1051	P	0.9
4	☐	625.000	565.251	953108.52	0.2477	P	7.2
5	☐	1250.000	1154.366	1980232.44	0.5059	A	7.9
6	☐	2500.000	2474.985	4097879.59	1.0846	A	2.9
7	☐	5000.000	5044.399	8443292.86	2.2105	A	2.9
8	☐			3819.44	0.0010	P	2.4

$$y = 4.3821\text{E-}004 * x + 9.5858\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.009796$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

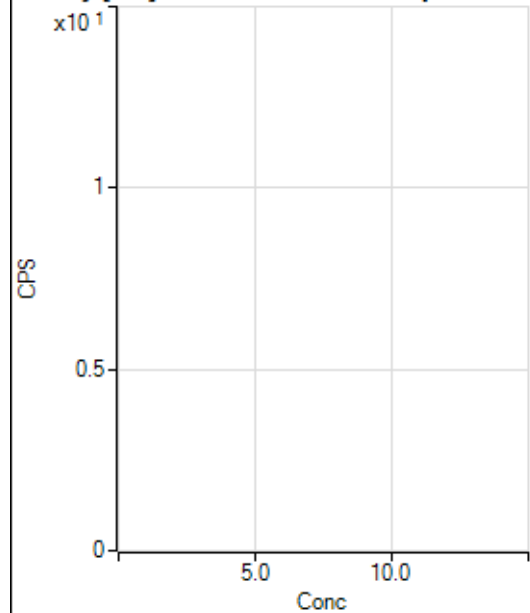
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			2.22		P	86.6
3	☐			10.00		P	33.3
4	☐			26.67		P	45.1
5	☐			50.00		P	17.6
6	☐			64.45		P	44.0
7	☐			161.12		P	21.9
8	☐			96.67		P	9.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	100.
3	☐			6.66		P	86.6
4	☐			11.11		P	75.5
5	☐			8.89		P	57.3
6	☐			30.00		P	44.4
7	☐			44.44		P	41.3
8	☐			60.00		P	19.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			5.55		P	69.3
3	☐			6.67		P	86.6
4	☐			20.00		P	33.4
5	☐			16.67		P	60.0
6	☐			41.11		P	24.8
7	☐			68.89		P	44.7
8	☐			160.00		P	21.8

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	86.6
3	☐			15.56		P	32.7
4	☐			35.55		P	10.8
5	☐			63.33		P	29.3
6	☐			93.34		P	31.7
7	☐			185.56		P	5.5
8	☐			136.67		P	9.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	66.1
2	☐			22.22		P	17.3
3	☐			18.89		P	44.4
4	☐			22.22		P	31.2
5	☐			21.11		P	18.2
6	☐			33.33		P	20.0
7	☐			66.67		P	5.0
8	☐			203.34		P	15.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			142.22		P	17.0
2	☐			133.34		P	12.5
3	☐			128.89		P	21.7
4	☐			157.78		P	10.0
5	☐			126.67		P	20.6
6	☐			128.89		P	15.8
7	☐			160.00		P	12.7
8	☐			310.01		P	5.7

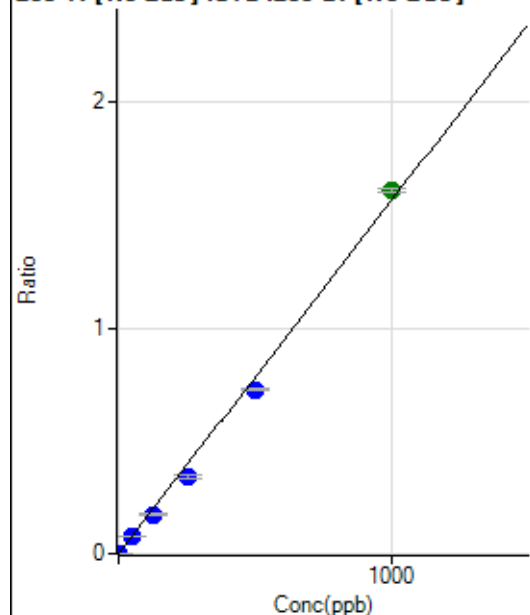
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			48.89		P	21.9
2	☐			27.78		P	25.0
3	☐			34.45		P	20.1
4	☐			43.34		P	13.3
5	☐			53.34		P	10.8
6	☐			72.22		P	25.4
7	☐			112.22		P	21.9
8	☐			447.79		P	12.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	28.9
2	☐			23.33		P	28.6
3	☐			28.89		P	40.5
4	☐			16.66		P	34.6
5	☐			24.45		P	15.8
6	☐			43.33		P	46.8
7	☐			82.22		P	15.4
8	☐			316.67		P	7.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	60.00	0.0000	P	38.8
2	☐	1.000	0.929	3259.32	0.0015	P	3.8
3	☐	50.000	46.730	156390.95	0.0731	P	0.6
4	☐	125.000	111.490	383980.37	0.1744	P	4.9
5	☐	250.000	217.996	757529.49	0.3409	P	6.8
6	☐	500.000	465.255	1543529.28	0.7276	P	1.4
7	☐	1000.000	1027.226	3517462.76	1.6064	A	1.1
8	☐			304.45	0.0002	P	11.5

$$y = 0.0016 * x + 2.8346E-005$$

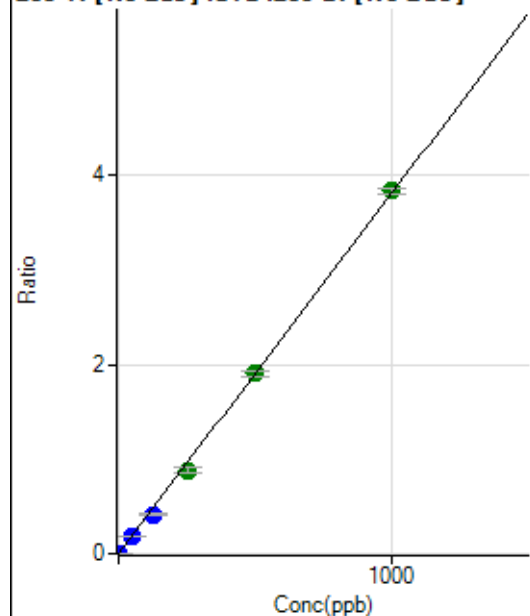
$$R = 0.9986$$

$$DL = 0.02108$$

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	152.22	0.0001	P	16.5
2	☐	1.000	0.900	7696.68	0.0035	P	4.6
3	☐	50.000	45.709	372554.18	0.1742	P	1.0
4	☐	125.000	108.899	913341.44	0.4148	P	5.3
5	☐	250.000	231.852	1961850.67	0.8831	A	7.5
6	☐	500.000	499.528	4035611.57	1.9025	A	2.6
7	☐	1000.000	1007.000	8397632.37	3.8353	A	1.9
8	☐			725.58	0.0004	P	9.3

$$y = 0.0038 * x + 7.1789E-005$$

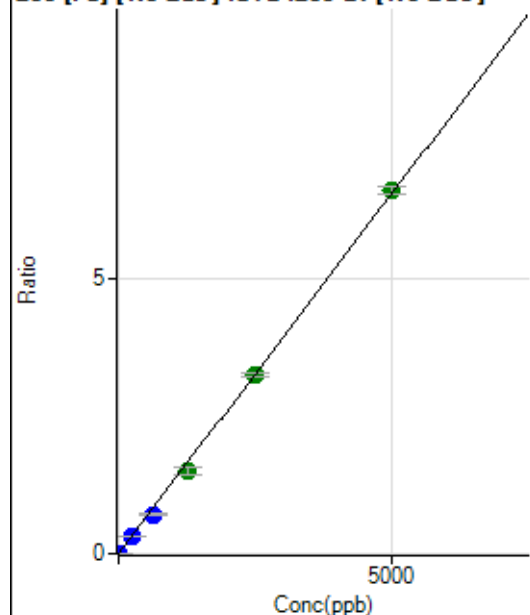
$$R = 0.9997$$

$$DL = 0.009317$$

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	200.00	0.0001	P	2.4
2	☐	1.000	0.758	2385.79	0.0011	P	4.4
3	☐	250.000	228.277	638218.86	0.2983	P	0.7
4	☐	625.000	541.766	1558710.11	0.7079	P	5.0
5	☐	1250.000	1152.852	3346224.74	1.5063	A	7.6
6	☐	2500.000	2484.777	6886406.77	3.2464	A	2.3
7	☐	5000.000	5043.389	14427036.17	6.5892	A	2.2
8	☐			9785.84	0.0048	P	2.2

$$y = 0.0013 * x + 9.4427E-005$$

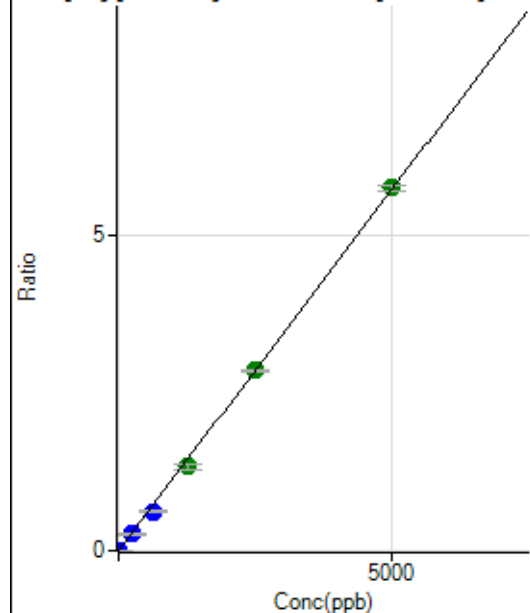
$$R = 0.9997$$

$$DL = 0.00529$$

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	174.45	0.0001	P	10.6
2	☐	1.000	0.757	2083.52	0.0009	P	7.1
3	☐	250.000	227.410	556046.03	0.2599	P	1.8
4	☐	625.000	540.047	1358734.08	0.6172	P	5.8
5	☐	1250.000	1165.965	2959796.20	1.3324	A	7.9
6	☐	2500.000	2500.100	6060445.81	2.8569	A	1.6
7	☐	5000.000	5032.707	12592030.37	5.7509	A	1.5
8	☐			8438.27	0.0042	P	2.4

$$y = 0.0011 * x + 8.2429E-005$$

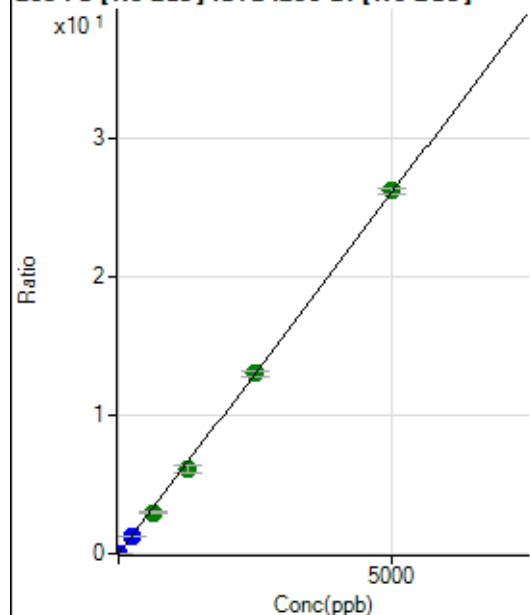
$$R = 0.9998$$

$$DL = 0.02297$$

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	787.80	0.0004	P	1.6
2	☐	1.000	0.746	9369.13	0.0043	P	3.4
3	☐	250.000	229.321	2555436.05	1.1946	P	1.3
4	☐	625.000	568.757	6522607.02	2.9622	A	4.9
5	☐	1250.000	1172.212	13560645.21	6.1048	A	8.0
6	☐	2500.000	2493.783	27547992.09	12.9870	A	2.6
7	☐	5000.000	5030.620	57360331.92	26.1979	A	1.9
8	☐			38614.00	0.0191	P	1.5

$$y = 0.0052 * x + 3.7197E-004$$

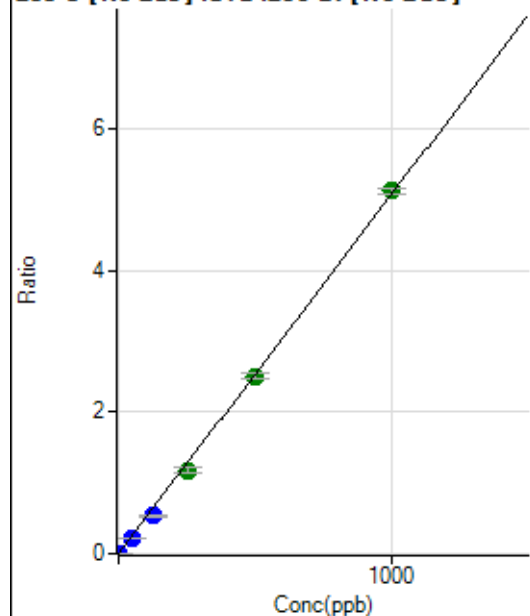
$$R = 0.9998$$

$$DL = 0.003385$$

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	22.22	0.0000	P	55.9
2	☐	1.000	0.854	9543.50	0.0043	P	2.1
3	☐	50.000	43.955	476322.56	0.2227	P	1.3
4	☐	125.000	105.012	1171179.06	0.5320	P	5.6
5	☐	250.000	231.676	2607130.15	1.1736	A	7.8
6	☐	500.000	494.628	5315166.10	2.5056	A	3.9
7	☐	1000.000	1010.068	11202948.16	5.1166	A	1.8
8	☐			355.56	0.0002	P	13.7

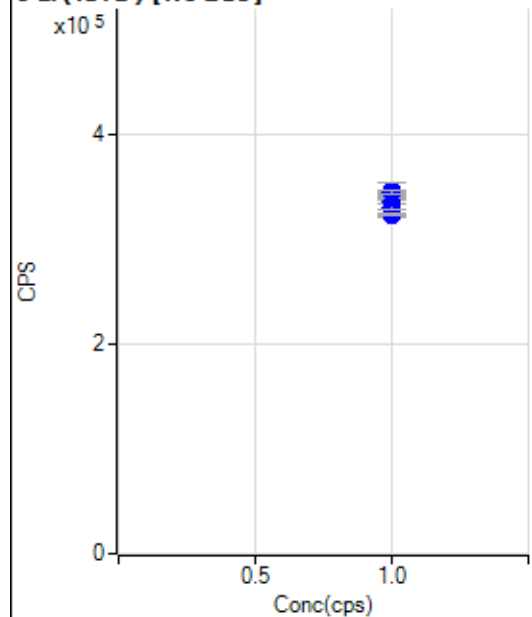
$$y = 0.0051 * x + 1.0459E-005$$

$$R = 0.9997$$

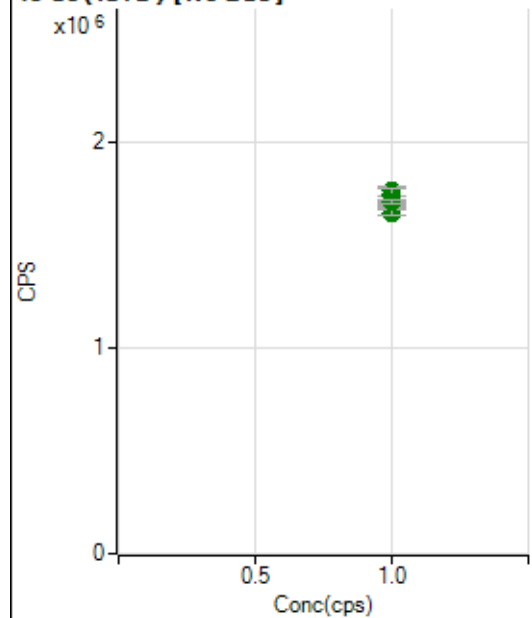
$$DL = 0.003464$$

Weight: <None>

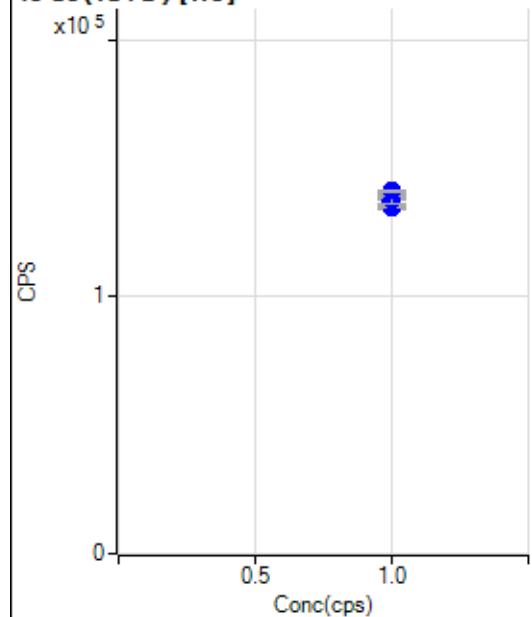
Min Conc: 0

6 Li (ISTD) [No Gas]

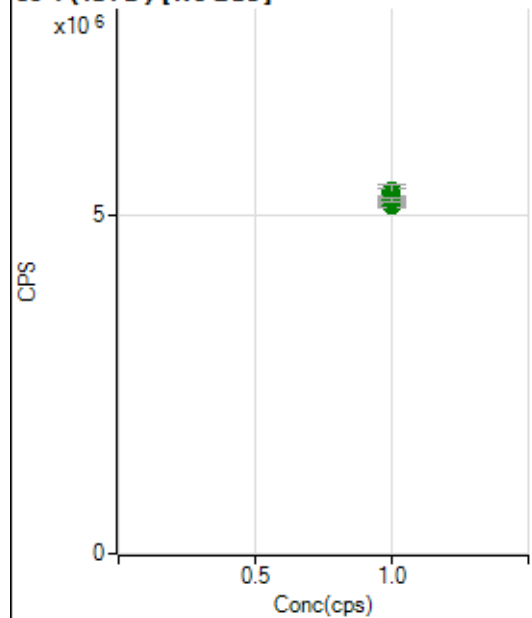
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		322517.57		P	0.6
2	☐	1.000		329589.93		P	3.2
3	☐	1.000		323680.76		P	0.3
4	☐	1.000		334990.25		P	3.4
5	☐	1.000		346300.91		P	4.7
6	☐	1.000		340286.87		P	0.7
7	☐	1.000		344645.51		P	0.6
8	☐	1.000		344925.13		P	1.0

45 Sc (ISTD) [No Gas]

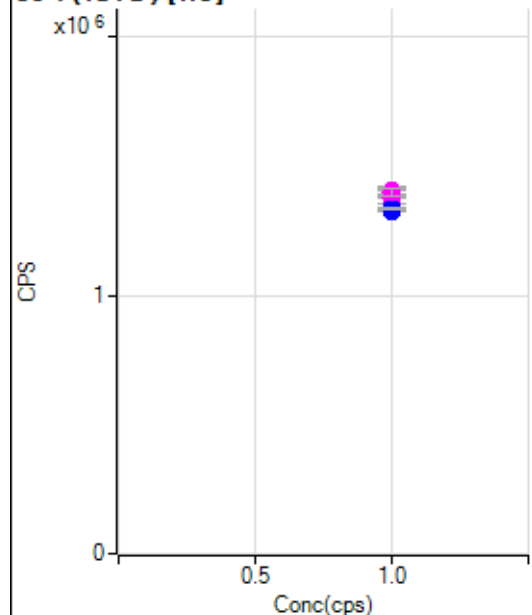
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1712673.45		A	3.1
2	☐	1.000		1766585.98		A	2.7
3	☐	1.000		1718832.35		A	0.1
4	☐	1.000		1747699.09		A	3.8
5	☐	1.000		1737864.78		A	4.9
6	☐	1.000		1660356.73		A	1.5
7	☐	1.000		1718001.00		A	0.6
8	☐	1.000		1715403.74		A	0.9

45 Sc (ISTD) [He]

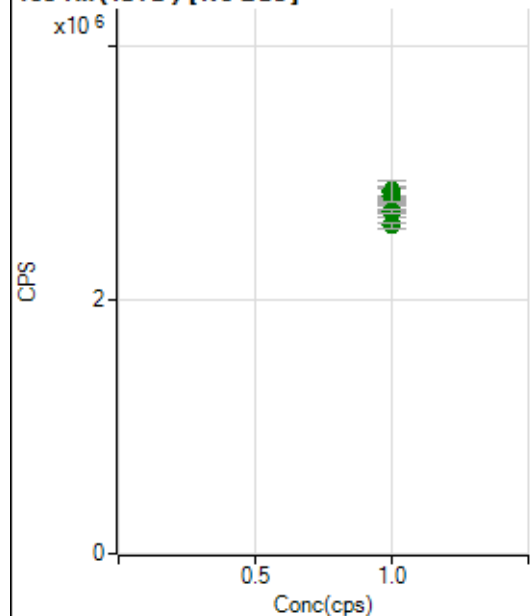
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		139008.11		P	1.2
2	☐	1.000		139030.07		P	0.4
3	☐	1.000		139068.72		P	1.0
4	☐	1.000		136993.06		P	0.7
5	☐	1.000		134482.61		P	0.8
6	☐	1.000		135076.94		P	0.8
7	☐	1.000		137639.15		P	2.1
8	☐	1.000		141311.37		P	0.6

89 Y (ISTD) [No Gas]

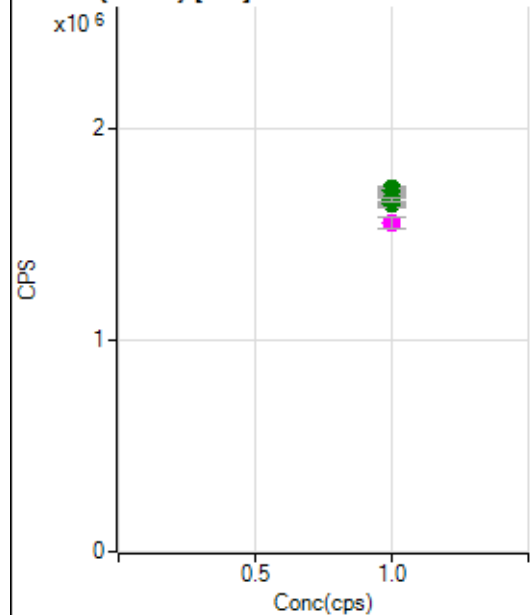
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5231904.02		A	0.5
2	☐	1.000		5367487.73		A	3.0
3	☐	1.000		5280581.87		A	0.6
4	☐	1.000		5335237.00		A	2.7
5	☐	1.000		5315305.03		A	5.4
6	☐	1.000		5177917.28		A	1.3
7	☐	1.000		5144454.68		A	0.9
8	☐	1.000		5238663.91		A	1.0

89 Y(ISTD) [He]

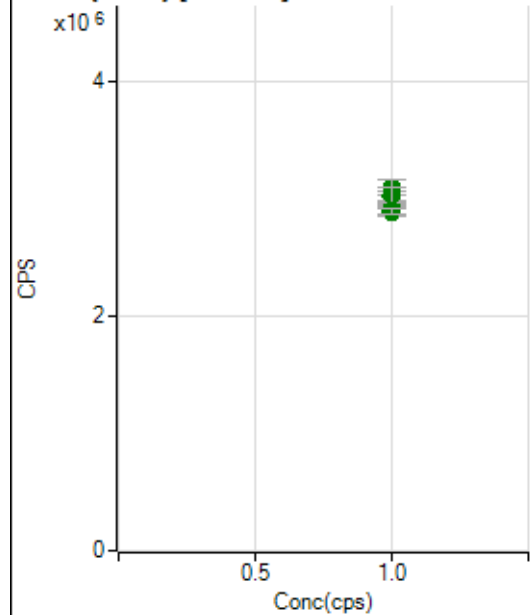
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1391180.80		M	2.1
2	☐	1.000		1404562.57		M	2.6
3	☐	1.000		1390388.80		M	1.9
4	☐	1.000		1374567.54		M	2.8
5	☐	1.000		1328026.48		P	0.2
6	☐	1.000		1336848.71		P	0.8
7	☐	1.000		1399049.72		M	2.2
8	☐	1.000		1401778.20		M	2.3

103 Rh(ISTD) [No Gas]

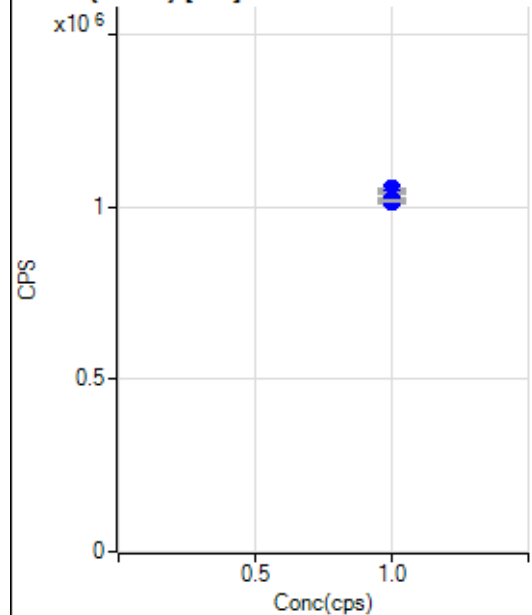
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2763109.37		A	1.5
2	☐	1.000		2861285.34		A	2.8
3	☐	1.000		2795783.99		A	0.6
4	☐	1.000		2826359.09		A	3.8
5	☐	1.000		2849395.70		A	6.2
6	☐	1.000		2677671.07		A	1.2
7	☐	1.000		2698842.06		A	1.1
8	☐	1.000		2587595.05		A	1.4

103 Rh (ISTD) [He]

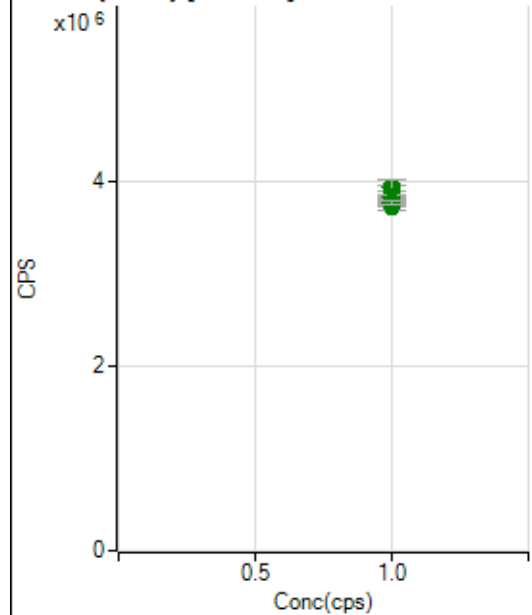
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1717586.69		A	1.8
2	☐	1.000		1699952.04		A	1.0
3	☐	1.000		1711566.85		A	1.5
4	☐	1.000		1692775.08		A	0.5
5	☐	1.000		1644551.12		A	0.7
6	☐	1.000		1643329.52		A	1.2
7	☐	1.000		1666294.71		A	0.6
8	☐	1.000		1556295.62		M	3.5

115 In (ISTD) [No Gas]

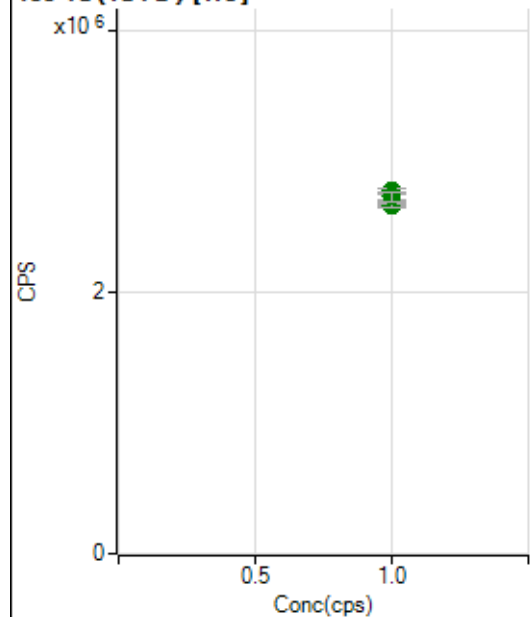
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2957782.17		A	1.3
2	☐	1.000		3006773.79		A	3.5
3	☐	1.000		2970455.24		A	0.5
4	☐	1.000		3091392.26		A	4.2
5	☐	1.000		3031836.17		A	4.3
6	☐	1.000		2883126.42		A	2.2
7	☐	1.000		2895796.57		A	1.5
8	☐	1.000		2895655.03		A	1.6

115 In (ISTD) [He]

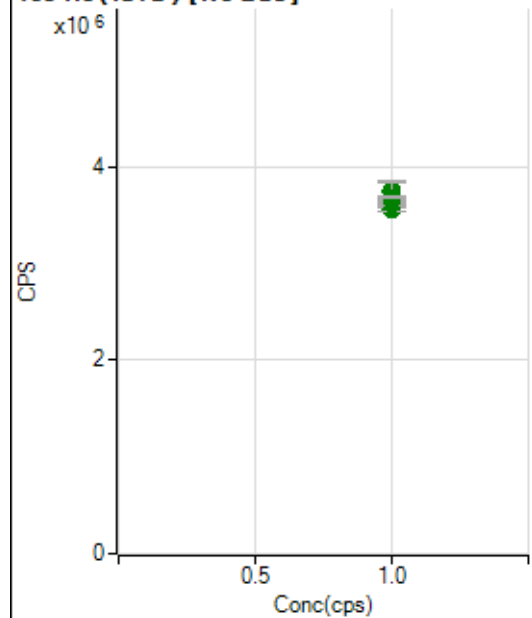
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1048625.16		P	1.0
2	☐	1.000		1051573.87		P	0.8
3	☐	1.000		1052418.66		P	0.3
4	☐	1.000		1040165.55		P	0.8
5	☐	1.000		1019010.07		P	0.6
6	☐	1.000		1017133.09		P	1.1
7	☐	1.000		1018210.23		P	1.2
8	☐	1.000		1017986.66		P	0.4

159 Tb (ISTD) [No Gas]

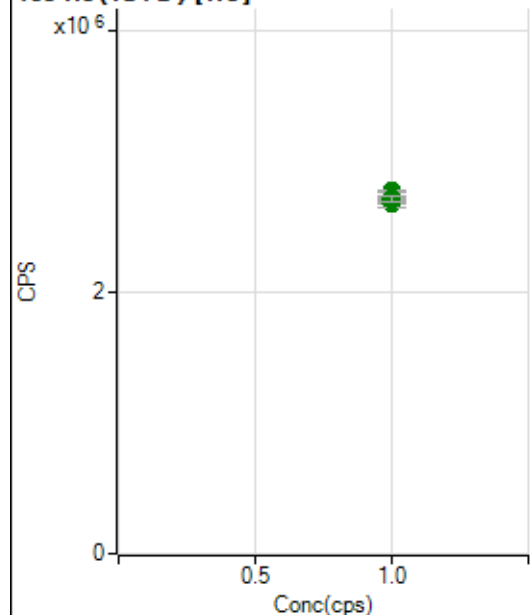
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3712062.65		A	1.1
2	☐	1.000		3803218.66		A	4.1
3	☐	1.000		3733030.33		A	0.5
4	☐	1.000		3856989.73		A	5.0
5	☐	1.000		3923222.55		A	4.3
6	☐	1.000		3780166.79		A	2.5
7	☐	1.000		3820349.56		A	1.0
8	☐	1.000		3771135.05		A	1.0

159 Tb (ISTD) [He]

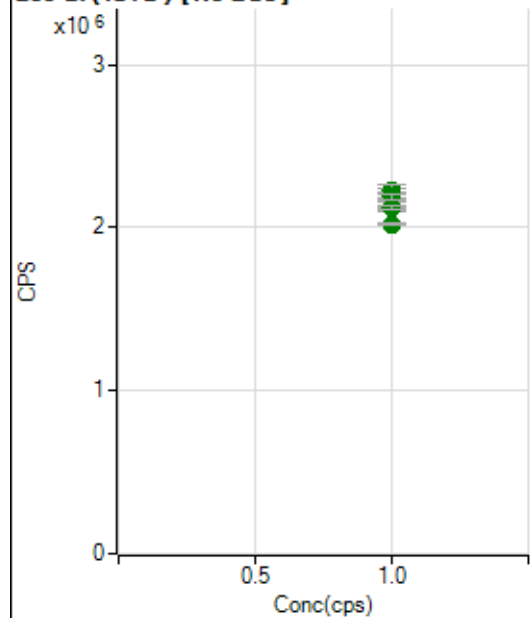
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2668048.94		A	1.1
2	☐	1.000		2712024.68		A	3.2
3	☐	1.000		2682663.73		A	0.3
4	☐	1.000		2688136.47		A	1.3
5	☐	1.000		2659017.23		A	0.9
6	☐	1.000		2730989.42		A	2.1
7	☐	1.000		2776129.37		A	1.5
8	☐	1.000		2734325.48		A	2.8

165 Ho (ISTD) [No Gas]

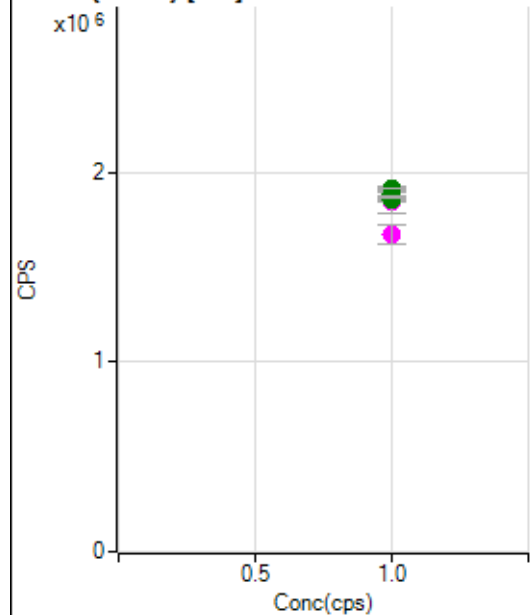
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3545959.39		A	1.1
2	☐	1.000		3651079.11		A	2.2
3	☐	1.000		3619243.94		A	1.1
4	☐	1.000		3745358.38		A	4.3
5	☐	1.000		3730463.87		A	6.1
6	☐	1.000		3658164.18		A	1.9
7	☐	1.000		3666253.32		A	0.3
8	☐	1.000		3675263.73		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2670967.77		A	0.4
2	☐	1.000		2672435.53		A	1.7
3	☐	1.000		2695991.11		A	0.7
4	☐	1.000		2705082.18		A	0.9
5	☐	1.000		2704283.50		A	1.4
6	☐	1.000		2701157.18		A	0.9
7	☐	1.000		2770940.41		A	0.2
8	☐	1.000		2713290.10		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2117815.02		A	1.3
2	☐	1.000		2200205.28		A	1.3
3	☐	1.000		2139377.09		A	1.3
4	☐	1.000		2204202.02		A	3.2
5	☐	1.000		2225338.63		A	3.4
6	☐	1.000		2121529.01		A	1.0
7	☐	1.000		2189855.64		A	1.3
8	☐	1.000		2020584.92		A	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1914427.28		A	1.0
2	☐	1.000		1906829.07		A	1.0
3	☐	1.000		1848485.63		M	6.2
4	☐	1.000		1876418.53		A	1.9
5	☐	1.000		1857303.84		A	1.7
6	☐	1.000		1890571.10		A	2.7
7	☐	1.000		1869728.85		A	0.5
8	☐	1.000		1675269.72		M	6.3