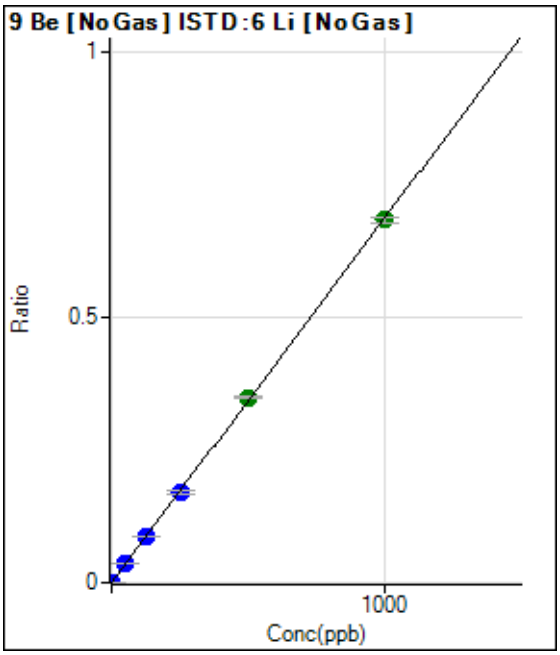
Batch Folder: D:\Agilent\ICPMH\1\DATA\P8081621-MS.b\
Analysis File: P8081621-MS.batch.bin
DA Date-Time: 2021-08-16 10:15:32
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2021-08-16 08:46:29
2	005CALS.d	S02	2021-08-16 08:49:32
3	006CALS.d	S03	2021-08-16 08:52:38
4	007CALS.d	S04	2021-08-16 08:55:41
5	008CALS.d	S05	2021-08-16 08:58:46
6	009CALS.d	S06	2021-08-16 09:01:50
7	010CALS.d	S07	2021-08-16 09:04:56
8	011CALS.d	S08	2021-08-16 09:07:59



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	20.00	0.0000	P	42.4
2		1.000	1.162	3307.73	0.0008	P	9.7
3		50.000	51.306	152911.32	0.0352	P	0.3
4		125.000	127.071	376049.66	0.0872	P	2.9
5		250.000	248.359	736344.22	0.1705	P	3.0
6		500.000	508.329	1451663.08	0.3489	A	1.2
7		1000.000	995.921	2741907.17	0.6836	A	1.8
8				183.30	0.0000	P	12.4

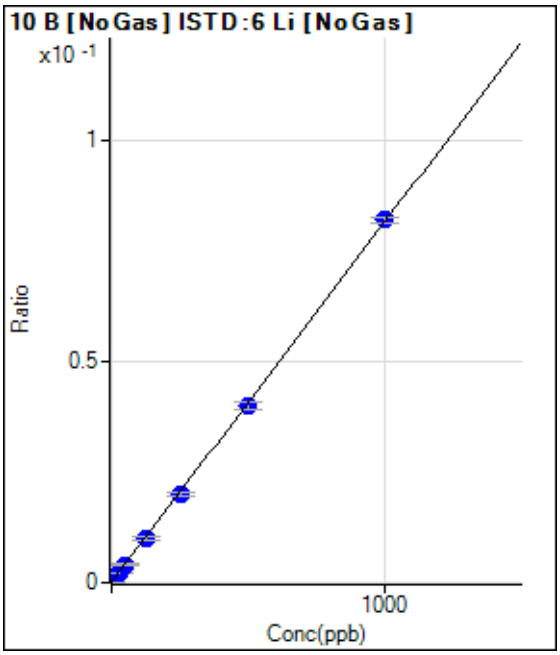
y = 6.8635E-004 * x + 4.4699E-006

R = 0.9999

DL = 0.008283

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	399.26	0.0001	P	4.4
2		25.000	25.345	8871.63	0.0022	P	13.1
3		50.000	48.927	17680.50	0.0041	P	7.0
4		125.000	121.519	43063.70	0.0100	P	5.5
5		250.000	241.974	85538.14	0.0198	P	4.4
6		500.000	491.598	166961.35	0.0401	P	4.2
7		1000.000	1006.688	329366.19	0.0821	P	1.9
8				26086.06	0.0067	P	10.4

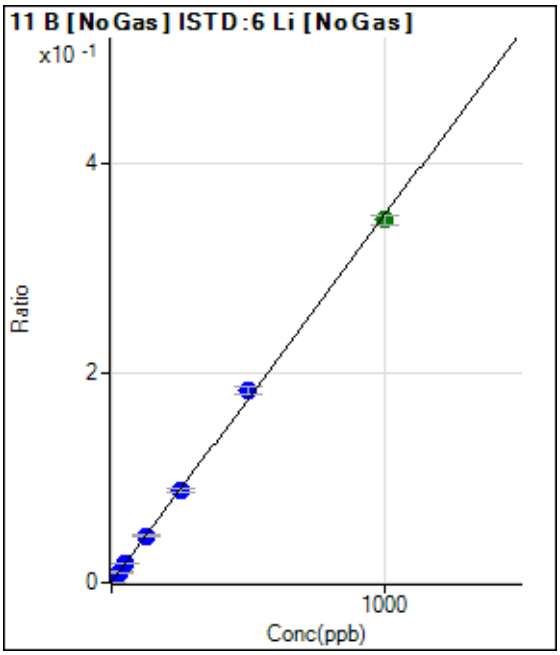
y = 8.1472E-005 * x + 8.9500E-005

R = 0.9999

DL = 0.1439

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1758.43	0.0004	P	5.5
2	☐	25.000	26.476	39872.81	0.0097	P	13.1
3	☐	50.000	50.903	79151.78	0.0182	P	7.7
4	☐	125.000	127.187	194018.17	0.0450	P	5.5
5	☐	250.000	252.193	383885.69	0.0889	P	3.8
6	☐	500.000	523.328	765201.36	0.1840	P	4.2
7	☐	1000.000	987.433	1390635.07	0.3467	A	2.3
8	☐			118502.70	0.0302	P	9.0

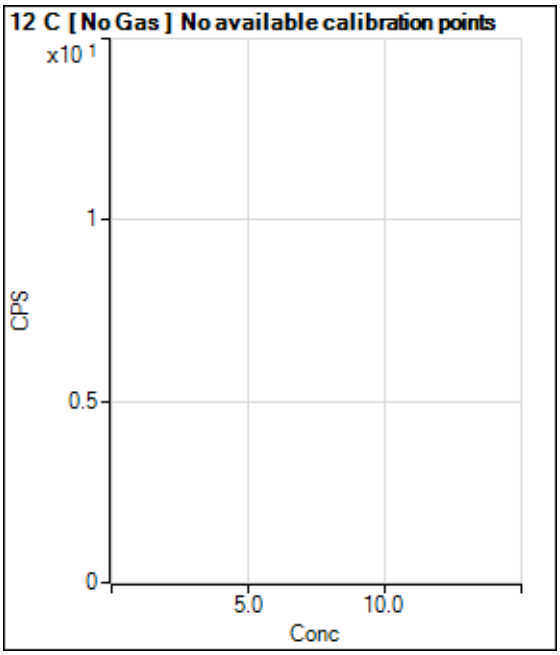
y = 3.5075E-004 * x + 3.9453E-004

R = 0.9996

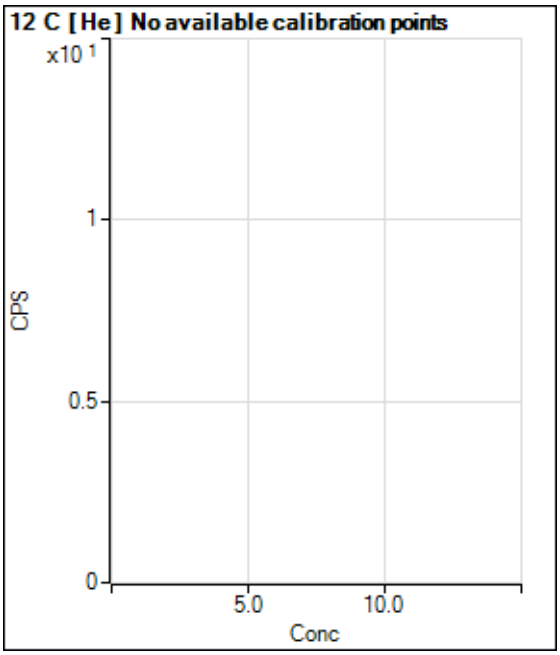
DL = 0.1849

Weight: <None>

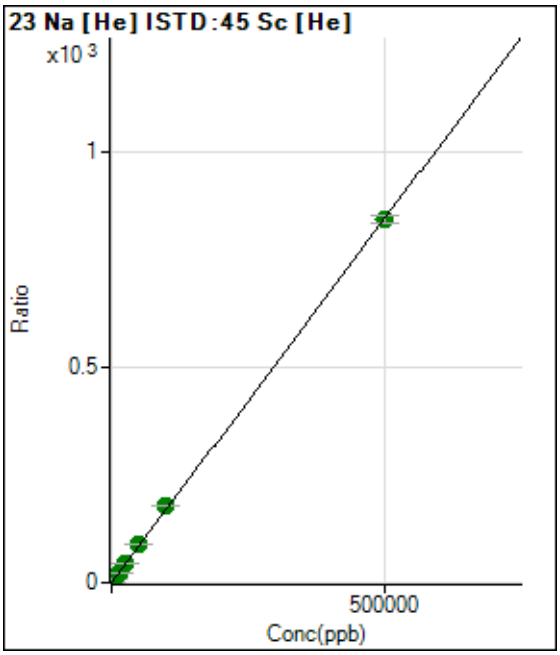
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5206242.00		A	1.3
2	☐			5341816.00		A	1.5
3	☐			5609949.00		A	1.6
4	☐			5747101.04		A	1.7
5	☐			5954422.14		A	1.2
6	☐			6639355.49		A	2.0
7	☐			7644226.30		A	3.9
8	☐			5369477.99		A	1.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				53403.28		P	1.7
2				57002.79		P	1.2
3				59605.07		P	2.0
4				61347.99		P	1.8
5				64603.91		P	2.2
6				74678.79		P	1.3
7				89746.47		P	1.2
8				63997.89		P	1.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	9636.75	0.0422	P	1.6
2		500.000	564.715	226941.08	0.9946	P	0.4
3		5000.000	5414.254	2125873.44	9.1732	A	3.0
4		12500.000	13473.236	5287495.26	22.7644	A	2.4
5		25000.000	26637.074	10337936.17	44.9648	A	0.2
6		50000.000	53230.184	20631460.88	89.8133	A	1.3
7		100000.00	104750.82	41096752.31	176.7013	A	0.7
8		500000.00	498616.42	205872144.8	840.9437	A	2.2

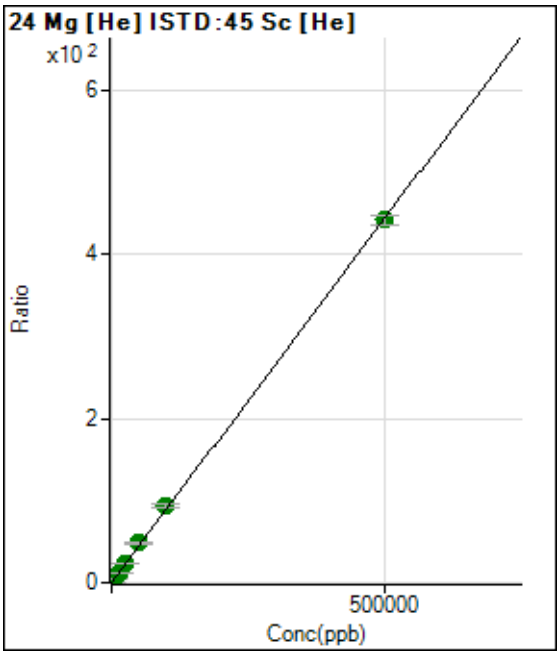
y = 0.0017 * x + 0.0422

R = 0.9999

DL = 1.195

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.11	0.0005	P	22.9
2	☐	500.000	574.050	116242.95	0.5094	P	1.8
3	☐	5000.000	5590.334	1148950.82	4.9570	A	0.8
4	☐	12500.000	14019.275	2887177.76	12.4302	A	2.8
5	☐	25000.000	27173.047	5539122.82	24.0926	A	0.7
6	☐	50000.000	54235.091	11046407.10	48.0862	A	0.6
7	☐	100000.00	105599.19	21769901.88	93.6264	A	2.6
8	☐	500000.00	498304.04	108159171.8	441.8049	A	2.5

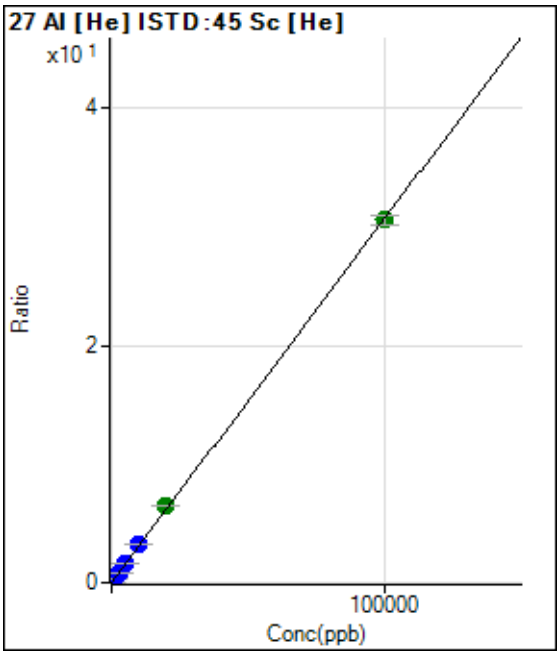
y = 8.8662E-004 * x + 4.8752E-004

R = 0.9999

DL = 0.3771

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.49	0.0005	P	6.7
2	☐	20.000	23.258	1749.06	0.0077	P	3.0
3	☐	1000.000	1072.705	76329.42	0.3293	P	0.7
4	☐	2500.000	2641.214	188130.32	0.8100	P	0.5
5	☐	5000.000	5316.671	374757.30	1.6300	P	0.5
6	☐	10000.000	10516.183	740521.71	3.2236	P	0.7
7	☐	20000.000	21119.368	1505223.40	6.4733	A	2.3
8	☐	100000.00	99704.416	7480622.07	30.5584	A	2.7

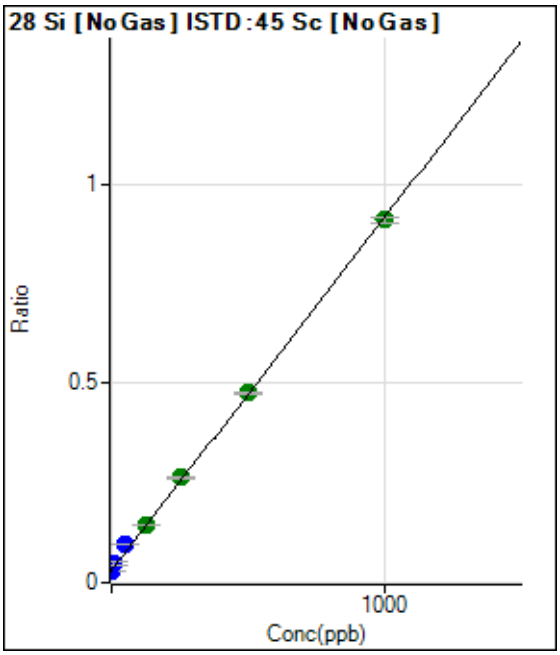
y = 3.0648E-004 * x + 5.3662E-004

R = 0.9999

DL = 0.3546

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	244233.92	0.0305	P	1.9
2		10.000	20.209	364519.96	0.0484	P	11.2
3		50.000	73.618	758515.45	0.0958	P	1.4
4		125.000	129.357	1171847.91	0.1452	A	0.8
5		250.000	264.041	2121943.21	0.2646	A	2.4
6		500.000	502.501	3807887.46	0.4760	A	1.9
7		1000.000	993.412	7083247.64	0.9112	A	1.7
8				687034.47	0.0864	P	1.5

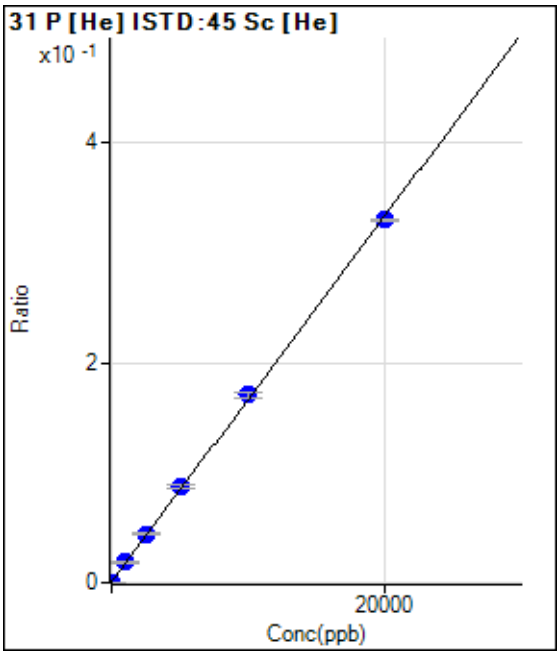
y = 8.8655E-004 * x + 0.0305

R = 0.9998

DL = 1.953

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	2.070	147.23	0.0006	P	39.4
2		0.000	-2.070	130.56	0.0006	P	42.2
3		1000.000	1069.864	4267.44	0.0184	P	7.2
4		2500.000	2599.572	10184.41	0.0438	P	3.6
5		5000.000	5192.101	19994.91	0.0870	P	4.4
6		10000.000	10243.694	39276.20	0.1710	P	3.0
7		20000.000	19814.188	76792.51	0.3302	P	0.6
8				133.34	0.0005	P	48.9

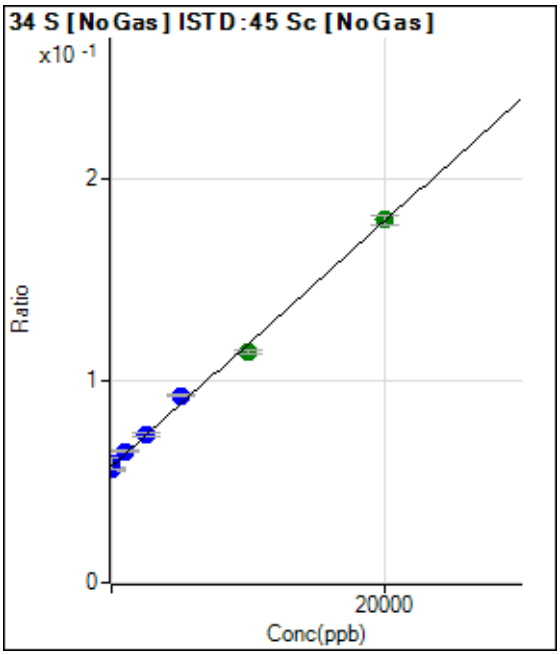
y = 1.6634E-005 * x + 6.0791E-004

R = 0.9998

DL = 44.65

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	-251.920	450022.96	0.0562	P	2.3
2		0.000	251.920	446336.18	0.0592	P	10.5
3		1000.000	1199.518	514761.70	0.0650	P	2.2
4		2500.000	2613.272	593751.76	0.0736	P	2.0
5		5000.000	5764.414	743473.22	0.0927	P	0.8
6		10000.000	9369.936	916584.69	0.1146	A	1.4
7		20000.000	20099.793	1396490.93	0.1797	A	2.5
8				389805.70	0.0490	P	0.3

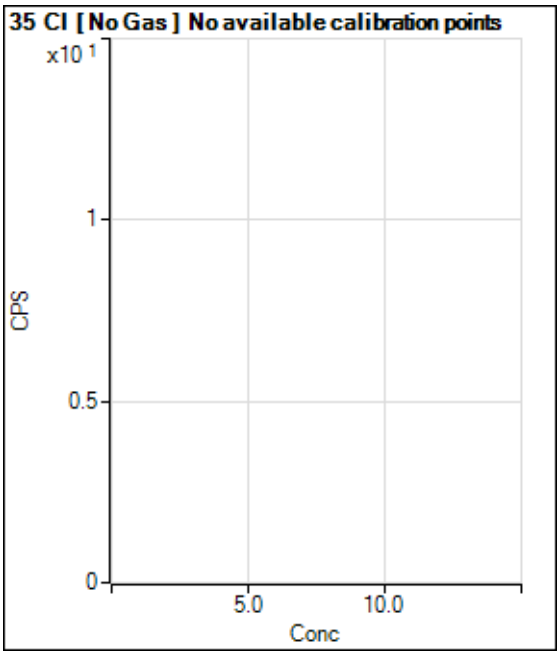
y = 6.0681E-006 * x + 0.0577

R = 0.9983

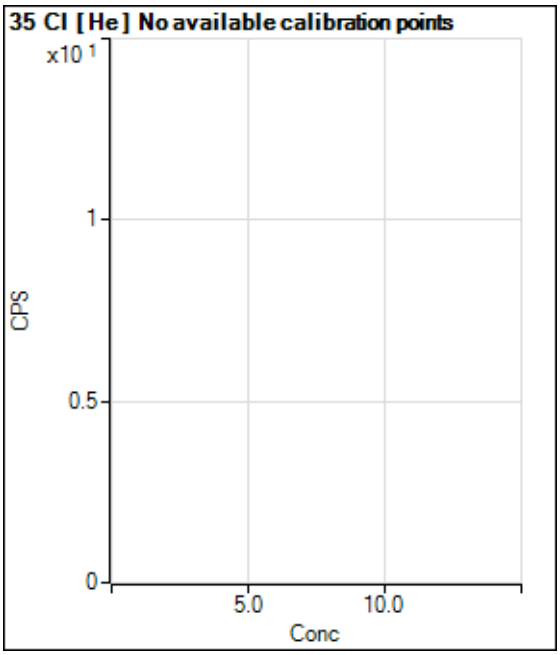
DL = 1855

Weight: <None>

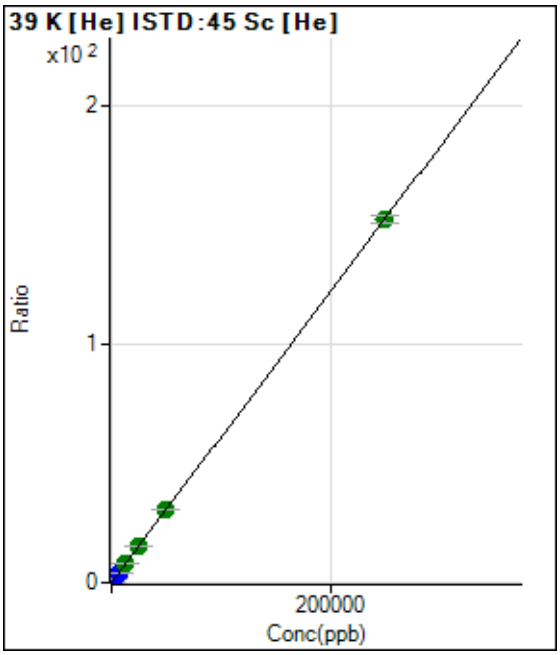
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				335181.50		P	1.0
2				347504.84		P	1.6
3				327487.49		P	0.4
4				317157.16		P	0.1
5				299531.10		P	0.6
6				287947.64		P	0.2
7				286550.23		P	0.8
8				255930.90		P	1.2



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				2075.20		P	8.1
2				2044.64		P	8.1
3				1966.85		P	4.5
4				1936.30		P	3.6
5				1797.38		P	13.8
6				1775.16		P	6.5
7				1941.84		P	9.9
8				1855.72		P	5.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	10117.68	0.0443	P	4.0
2		500.000	540.660	85131.72	0.3731	P	1.2
3		2500.000	2593.223	375809.02	1.6214	P	0.9
4		6250.000	6445.790	920722.79	3.9643	P	0.5
5		12500.000	13078.213	1838792.40	7.9978	A	2.6
6		25000.000	25426.147	3562304.85	15.5072	A	0.9
7		50000.000	50381.493	7135238.35	30.6837	A	1.8
8		250000.00	249846.26	37211060.55	151.9879	A	2.2

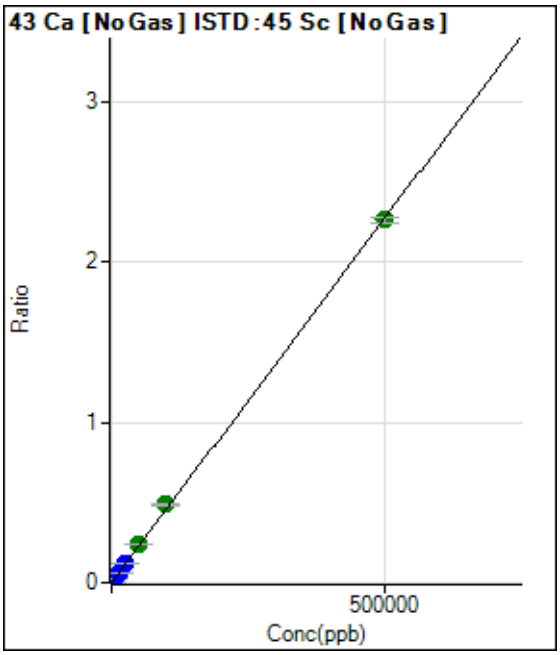
y = 6.0815E-004 * x + 0.0443

R = 1.0000

DL = 8.712

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	494.12	0.0001	P	1.1
2		500.000	539.009	18889.16	0.0025	P	11.2
3		5000.000	5316.562	191633.47	0.0242	P	1.9
4		12500.000	12927.244	474091.68	0.0587	P	1.4
5		25000.000	25857.927	941884.99	0.1174	P	0.9
6		50000.000	52443.290	1904950.70	0.2381	A	0.3
7		100000.00	107254.57	3784789.44	0.4869	A	1.6
8		500000.00	498247.97	17984418.64	2.2616	A	1.8

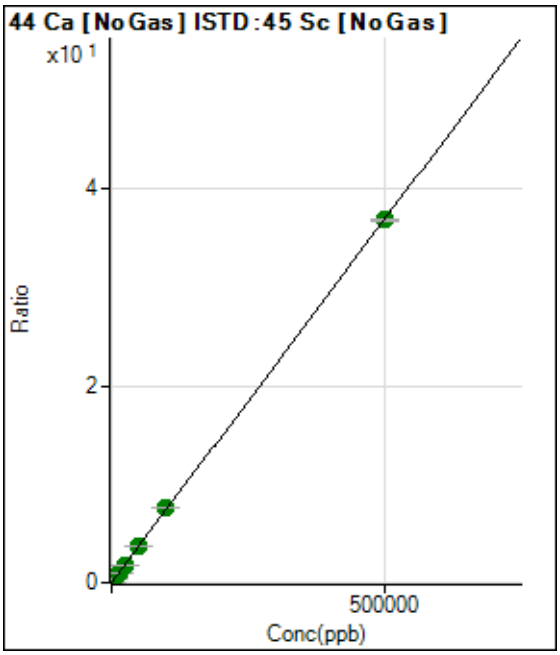
y = 4.5390E-006 * x + 6.1672E-005

R = 0.9999

DL = 0.4551

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	27583.98	0.0034	P	2.4
2		500.000	541.702	326596.83	0.0434	P	11.3
3		5000.000	5180.201	3051867.87	0.3853	A	1.4
4		12500.000	12585.414	7515610.30	0.9311	A	0.7
5		25000.000	24940.326	14773012.35	1.8418	A	1.0
6		50000.000	49601.086	29277836.98	3.6595	A	0.8
7		100000.00	103135.37	59119027.30	7.6055	A	1.7
8		500000.00	499411.82	292784572.4	36.8147	A	0.4

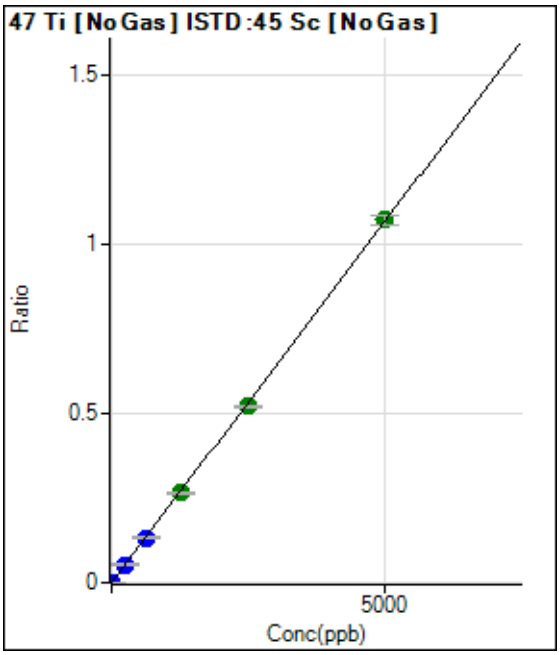
y = 7.3709E-005 * x + 0.0034

R = 1.0000

DL = 3.347

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	177.79	0.0000	P	3.9
2		5.000	5.574	9089.26	0.0012	P	13.6
3		250.000	252.970	426911.24	0.0539	P	0.9
4		625.000	622.517	1070047.64	0.1326	P	1.5
5		1250.000	1240.670	2119187.66	0.2642	A	0.5
6		2500.000	2448.296	4171365.28	0.5213	A	1.2
7		5000.000	5028.346	8321328.92	1.0707	A	2.9
8				2061.30	0.0003	P	5.9

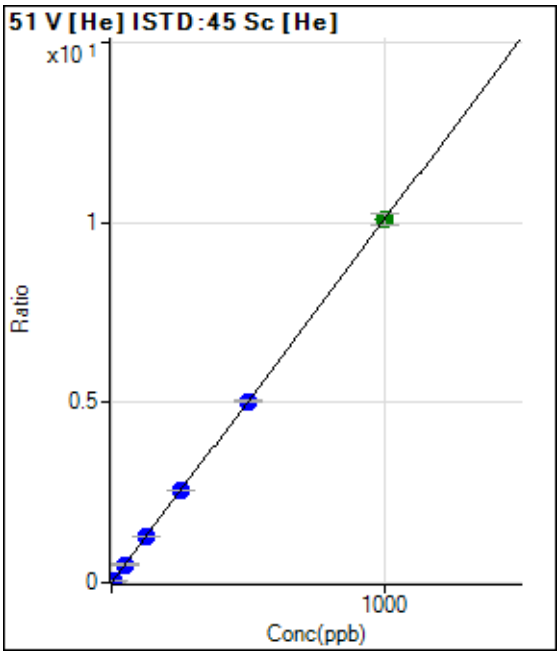
y = 2.1293E-004 * x + 2.2197E-005

R = 0.9999

DL = 0.01229

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	16.67	0.0001	P	92.2
2		5.000	5.349	12313.17	0.0540	P	2.2
3		50.000	49.964	116679.91	0.5034	P	1.7
4		125.000	124.989	292457.07	1.2592	P	0.2
5		250.000	252.330	584457.40	2.5421	P	0.5
6		500.000	500.370	1157989.91	5.0409	P	0.8
7		1000.000	999.234	2340653.51	10.0666	A	3.1
8				383.34	0.0016	P	20.8

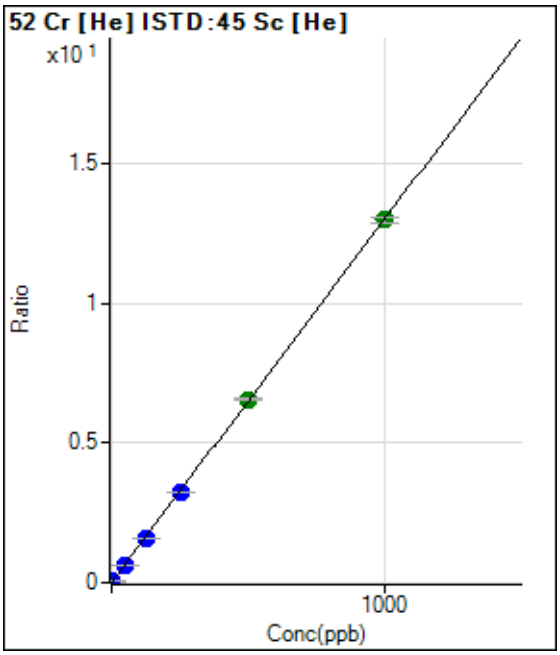
y = 0.0101 * x + 7.3726E-005

R = 1.0000

DL = 0.02023

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	1472.31	0.0065	P	6.7
2		2.000	2.181	7936.73	0.0348	P	1.3
3		50.000	49.589	150832.20	0.6507	P	0.4
4		125.000	122.391	370815.13	1.5966	P	0.7
5		250.000	249.282	746100.47	3.2452	P	0.5
6		500.000	504.331	1506620.62	6.5588	A	1.6
7		1000.000	998.360	3017852.49	12.9774	A	1.5
8				20316.74	0.0830	P	1.5

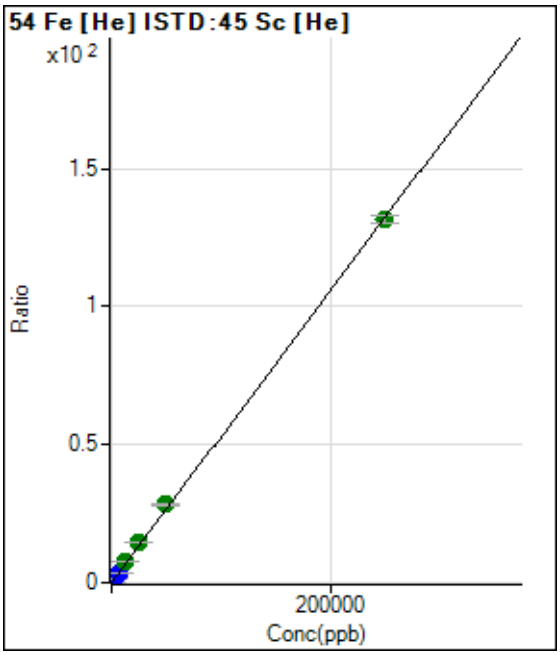
y = 0.0130 * x + 0.0065

R = 1.0000

DL = 0.1001

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	335.19	0.0015	P	7.8
2		50.000	59.872	7548.41	0.0331	P	2.1
3		2500.000	2737.585	335327.13	1.4468	P	1.6
4		6250.000	6786.650	832516.25	3.5845	P	0.5
5		12500.000	14060.537	1707060.89	7.4249	A	0.3
6		25000.000	27381.029	3321036.39	14.4576	A	1.4
7		50000.000	53634.939	6585043.09	28.3186	A	2.0
8		250000.00	248941.08	32176367.62	131.4324	A	2.0

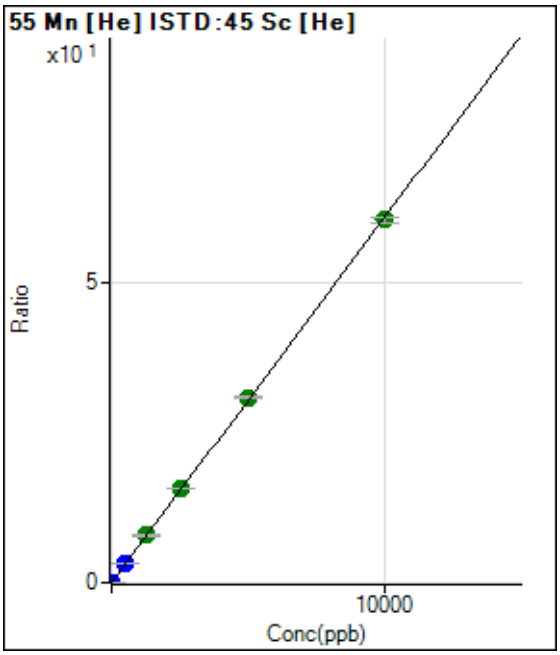
y = 5.2796E-004 * x + 0.0015

R = 0.9999

DL = 0.6545

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	68.89	0.0003	P	18.9
2		1.000	1.064	1547.88	0.0068	P	0.7
3		500.000	504.448	712549.53	3.0742	P	0.9
4		1250.000	1291.963	1828470.17	7.8730	A	1.2
5		2500.000	2580.468	3615203.70	15.7246	A	1.7
6		5000.000	5071.416	7099130.10	30.9033	A	0.8
7		10000.000	9938.707	14083787.84	60.5625	A	1.4
8				9300.98	0.0380	P	5.6

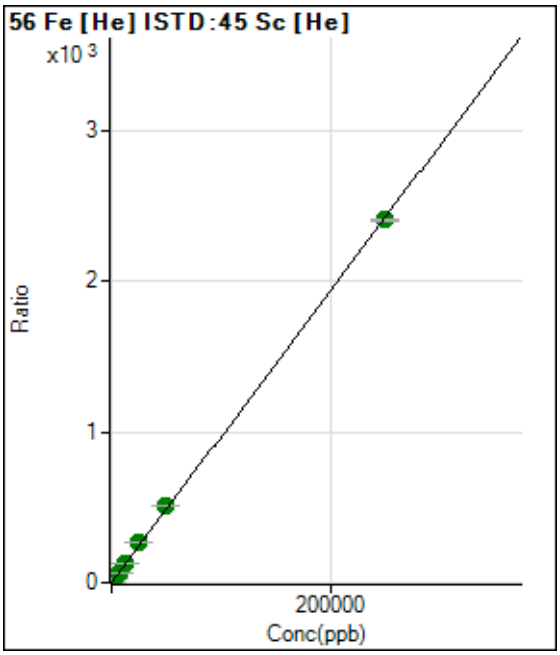
y = 0.0061 * x + 3.0132E-004

R = 0.9999

DL = 0.02802

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	2611.40	0.0114	P	5.6
2		50.000	58.350	131104.76	0.5746	P	0.8
3		2500.000	2747.905	6150115.47	26.5309	A	1.0
4		6250.000	6856.563	15370914.12	66.1827	A	1.6
5		12500.000	13784.058	30587188.88	133.0385	A	0.6
6		25000.000	27146.272	60188724.96	261.9945	A	0.4
7		50000.000	52977.470	118896401.7	511.2860	A	1.6
8		250000.00	249108.03	588686242.7	2,404.101	A	0.6

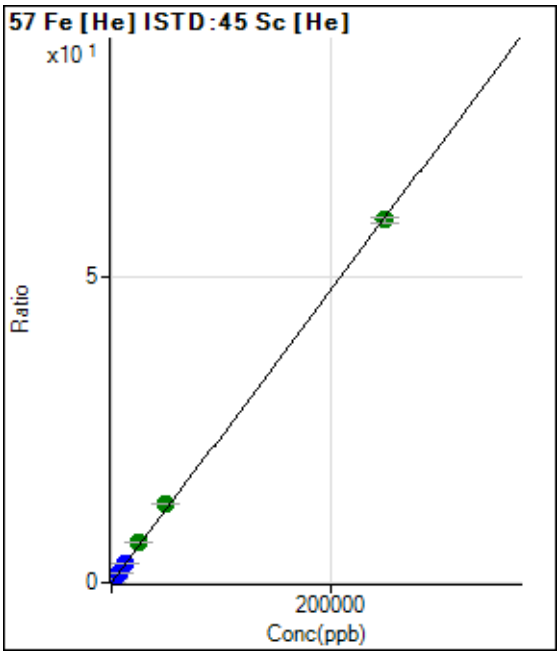
y = 0.0097 * x + 0.0114

R = 0.9999

DL = 0.1984

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	72.23	0.0003	P	13.2
2		50.000	59.259	3294.89	0.0144	P	8.9
3		2500.000	2687.938	148501.01	0.6407	P	1.1
4		6250.000	6739.213	372968.15	1.6059	P	0.5
5		12500.000	13482.879	738596.59	3.2125	P	0.9
6		25000.000	27246.738	1491235.79	6.4917	A	1.1
7		50000.000	54039.572	2994157.30	12.8750	A	1.3
8		250000.00	248904.15	14518132.38	59.3005	A	1.9

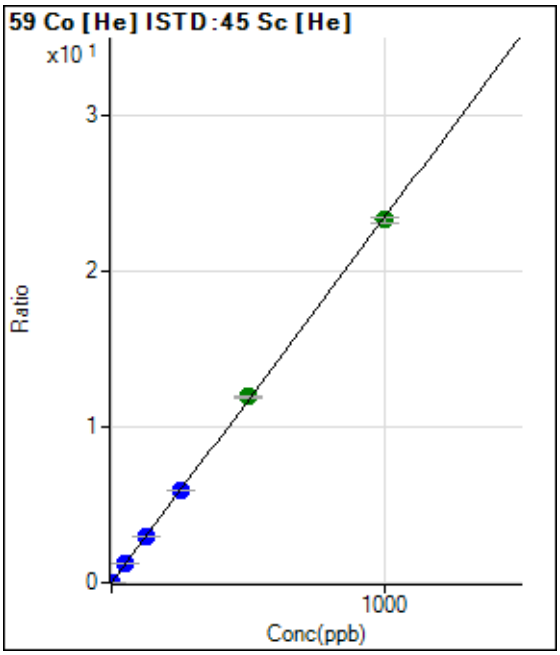
y = 2.3825E-004 * x + 3.1620E-004

R = 0.9998

DL = 0.5253

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	64.44	0.0003	P	16.2
2		1.000	1.095	5910.17	0.0259	P	4.3
3		50.000	51.316	278456.30	1.2014	P	1.2
4		125.000	126.629	688451.99	2.9642	P	0.9
5		250.000	255.054	1372598.33	5.9701	P	0.1
6		500.000	509.699	2740594.72	11.9304	A	1.0
7		1000.000	993.617	5408271.93	23.2570	A	1.6
8				7474.27	0.0305	P	3.3

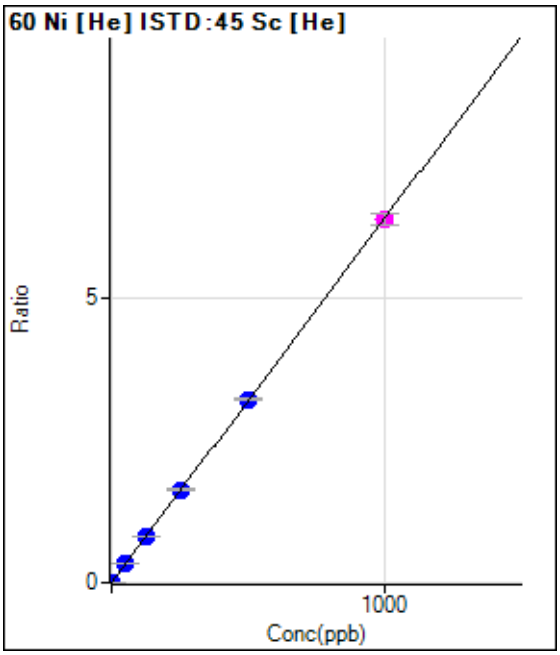
y = 0.0234 * x + 2.8258E-004

R = 0.9999

DL = 0.005881

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	63.33	0.0003	P	40.2
2		1.000	1.146	1736.79	0.0076	P	0.6
3		50.000	52.090	77373.50	0.3338	P	1.5
4		125.000	129.068	192013.29	0.8268	P	0.1
5		250.000	256.009	376963.96	1.6396	P	1.0
6		500.000	502.968	739891.56	3.2210	P	1.5
7		1000.000	996.401	1483606.71	6.3807	M	3.2
8				7054.03	0.0288	P	5.1

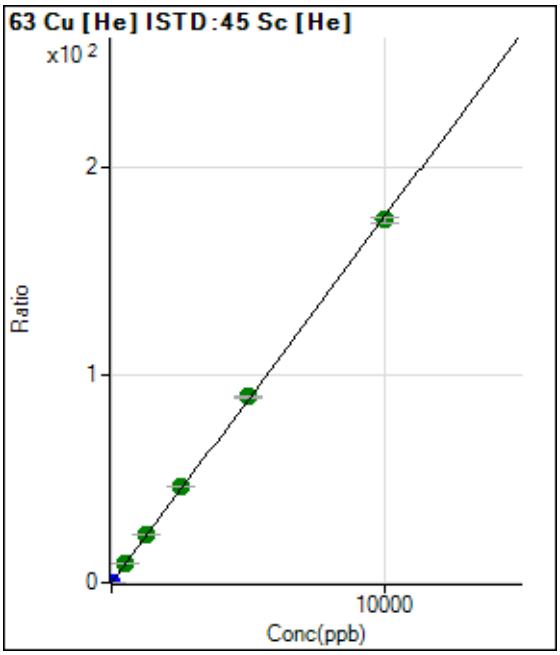
y = 0.0064 * x + 2.7610E-004

R = 1.0000

DL = 0.05195

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	524.46	0.0023	P	0.9
2		2.000	2.073	8871.73	0.0389	P	0.2
3		500.000	540.371	2210809.81	9.5381	A	1.1
4		1250.000	1313.781	5384904.02	23.1863	A	1.0
5		2500.000	2623.762	10645601.65	46.3033	A	0.6
6		5000.000	5088.795	20629361.78	89.8033	A	0.8
7		10000.000	9914.671	40689344.39	174.9646	A	1.5
8				12400.00	0.0507	P	2.9

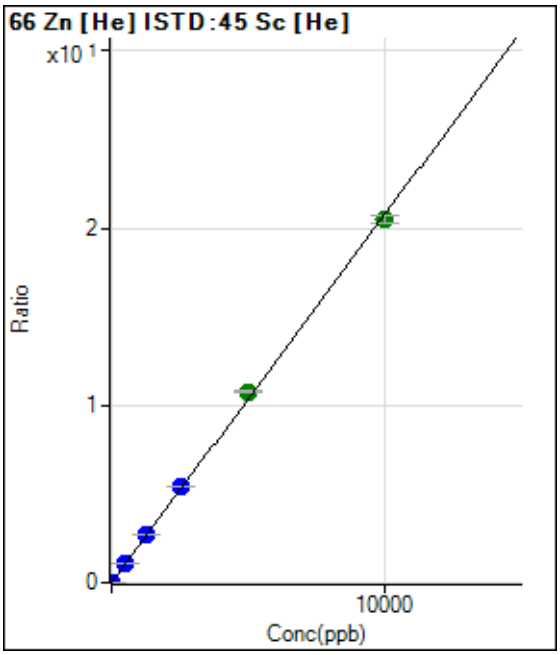
y = 0.0176 * x + 0.0023

R = 0.9999

DL = 0.003455

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	263.34	0.0012	P	15.7
2		2.000	3.139	1749.02	0.0077	P	4.8
3		500.000	527.180	253633.17	1.0943	P	1.0
4		1250.000	1301.659	627098.48	2.7002	P	0.7
5		2500.000	2615.886	1247317.73	5.4252	P	0.4
6		5000.000	5193.142	2473914.72	10.7692	A	0.6
7		10000.000	9866.641	4758036.91	20.4598	A	2.0
8				8266.96	0.0338	P	2.2

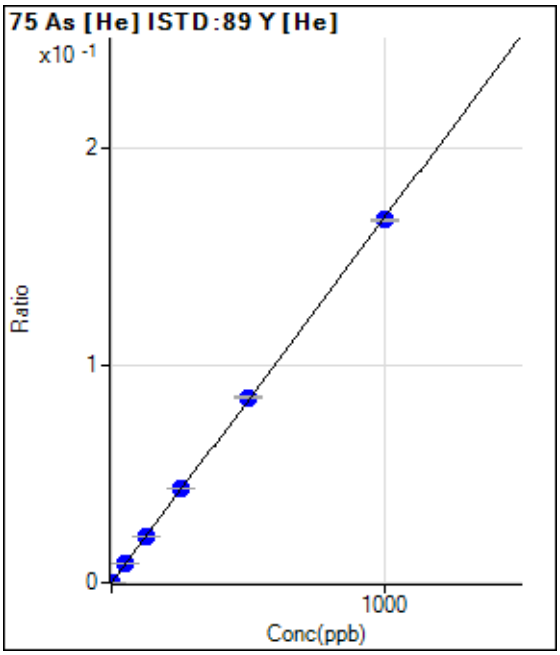
y = 0.0021 * x + 0.0012

R = 0.9996

DL = 0.2631

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	8.33	0.0000	P	4.6
2		1.000	1.117	301.37	0.0002	P	5.5
3		50.000	52.010	13610.91	0.0087	P	1.4
4		125.000	126.446	33639.58	0.0212	P	0.3
5		250.000	257.351	67234.54	0.0432	P	0.8
6		500.000	506.887	132395.83	0.0850	P	1.3
7		1000.000	994.438	262135.07	0.1668	P	0.8
8				156.04	0.0001	P	79.5

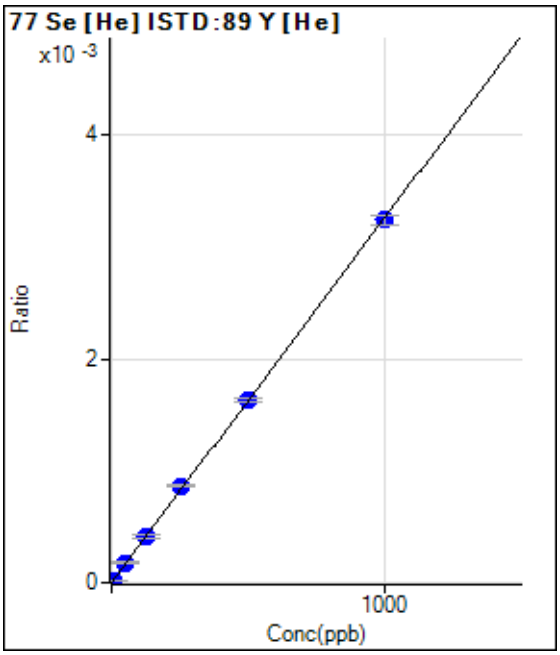
y = 1.6768E-004 * x + 5.2868E-006

R = 0.9999

DL = 0.004314

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	0.00	0.0000	P	
2		5.000	6.523	33.33	0.0000	P	18.6
3		50.000	55.290	281.12	0.0002	P	7.4
4		125.000	126.419	653.36	0.0004	P	6.1
5		250.000	265.732	1348.97	0.0009	P	1.7
6		500.000	500.798	2541.36	0.0016	P	2.2
7		1000.000	995.219	5096.54	0.0032	P	2.3
8				1.11	0.0000	P	173.2

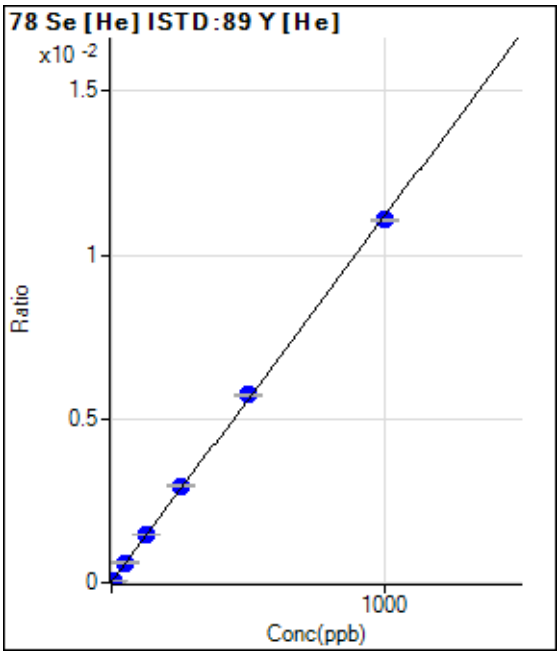
y = 3.2580E-006 * x + 0.0000E+000

R = 0.9999

DL = 0

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	27.00	0.0000	P	10.3
2		5.000	5.884	129.68	0.0001	P	7.9
3		50.000	53.360	955.47	0.0006	P	3.2
4		125.000	129.378	2317.43	0.0015	P	1.9
5		250.000	263.399	4606.56	0.0030	P	0.8
6		500.000	511.441	8917.39	0.0057	P	1.5
7		1000.000	990.210	17400.13	0.0111	P	0.6
8				45.00	0.0000	P	23.8

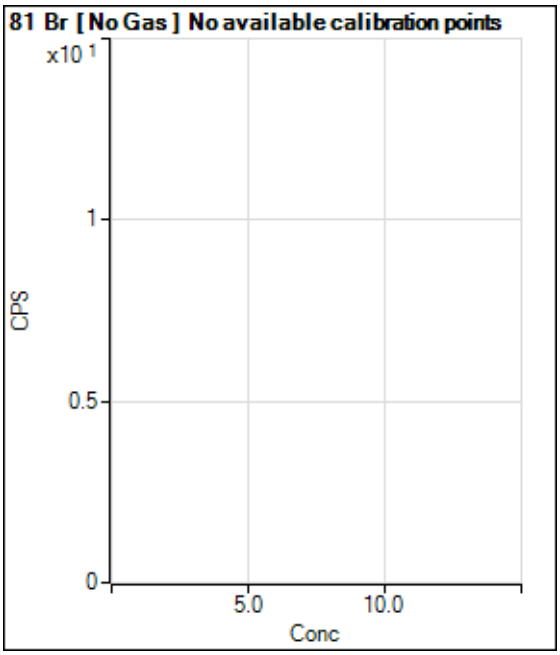
y = 1.1161E-005 * x + 1.7100E-005

R = 0.9998

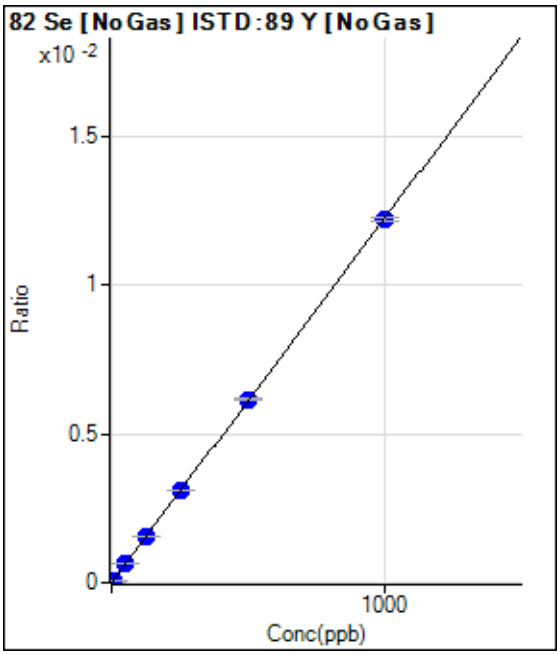
DL = 0.4724

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				6568.35		P	2.3
2				7025.72		P	3.5
3				6721.90		P	2.8
4				6571.64		P	1.0
5				6665.08		P	4.6
6				6461.49		P	2.5
7				6858.77		P	2.7
8				7252.75		P	6.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	-23.57	0.0000	P	-109.
2		5.000	5.813	1049.66	0.0001	P	20.4
3		50.000	53.057	10386.79	0.0006	P	2.3
4		125.000	128.506	25534.32	0.0016	P	1.0
5		250.000	253.171	50782.06	0.0031	P	0.5
6		500.000	503.871	100206.42	0.0062	P	1.0
7		1000.000	996.677	193347.43	0.0122	P	0.9
8				27.32	0.0000	P	135.5

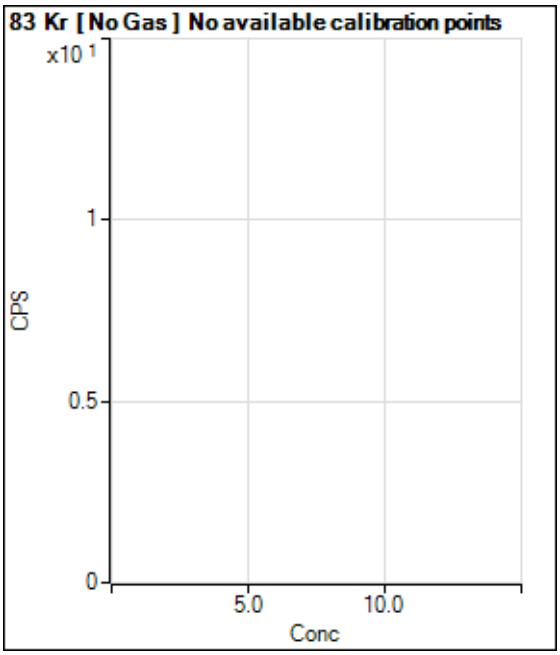
y = 1.2243E-005 * x - 1.4205E-006

R = 1.0000

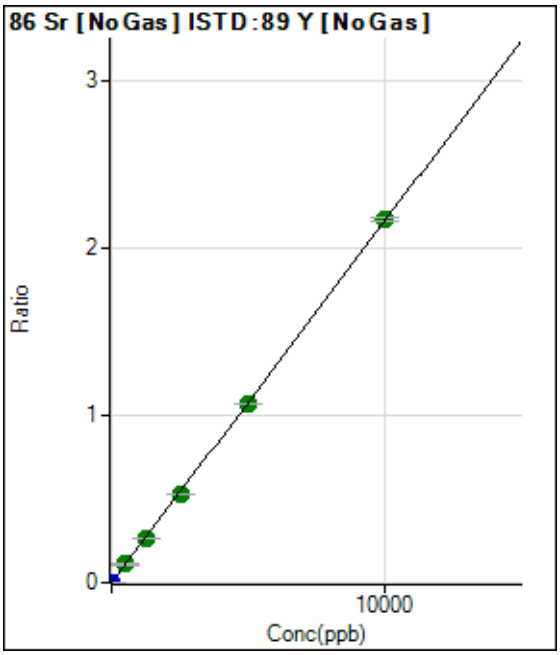
DL = 0.3811

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				1065.61		P	3.1
2				1056.72		P	2.1
3				1013.38		P	2.9
4				1083.39		P	1.6
5				1050.05		P	1.5
6				1065.61		P	4.1
7				1003.38		P	5.3
8				1052.28		P	3.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	1833.51	0.0001	P	8.4
2		1.000	1.198	5615.17	0.0004	P	8.1
3		500.000	508.923	1760664.58	0.1099	A	1.9
4		1250.000	1233.945	4324530.31	0.2662	A	1.6
5		2500.000	2431.906	8598460.52	0.5246	A	0.4
6		5000.000	4949.326	17343602.30	1.0674	A	1.0
7		10000.000	10043.921	34326531.67	2.1661	A	1.2
8				9923.22	0.0006	P	3.3

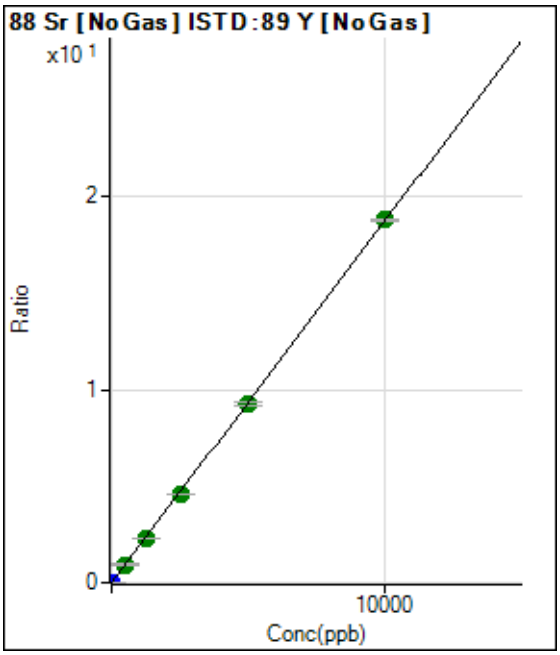
y = 2.1565E-004 * x + 1.1167E-004

R = 1.0000

DL = 0.13

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	613.92	0.0000	P	4.6
2		1.000	1.202	34746.65	0.0023	P	7.7
3		500.000	503.457	15115152.25	0.9431	A	1.1
4		1250.000	1236.947	37642632.44	2.3170	A	0.4
5		2500.000	2443.390	75021902.37	4.5769	A	0.5
6		5000.000	4948.428	150588021.4	9.2692	A	2.7
7		10000.000	10041.397	298082770.5	18.8092	A	0.7
8				70997.61	0.0044	P	2.9

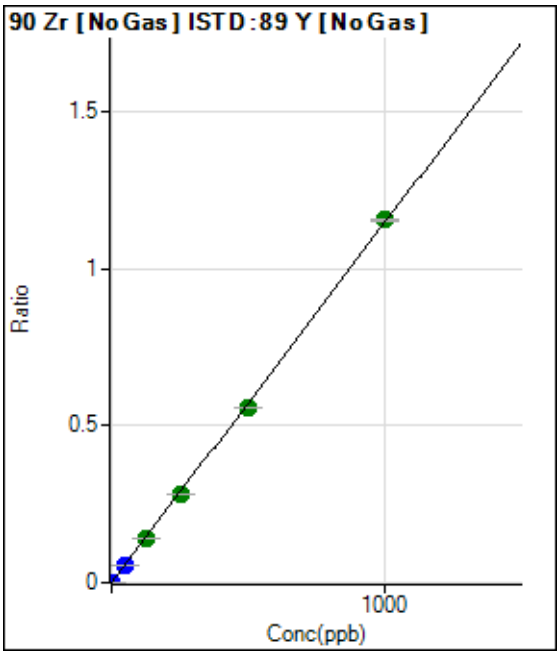
y = 0.0019 * x + 3.7338E-005

R = 1.0000

DL = 0.002759

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	1025.06	0.0001	P	5.0
2		1.000	1.093	19911.94	0.0013	P	11.8
3		50.000	50.297	925346.48	0.0577	P	0.6
4		125.000	123.711	2305458.21	0.1419	A	1.1
5		250.000	245.119	4607917.86	0.2811	A	0.3
6		500.000	485.600	9047673.12	0.5568	A	0.7
7		1000.000	1008.566	18328210.65	1.1565	A	0.4
8				3297.72	0.0002	P	5.0

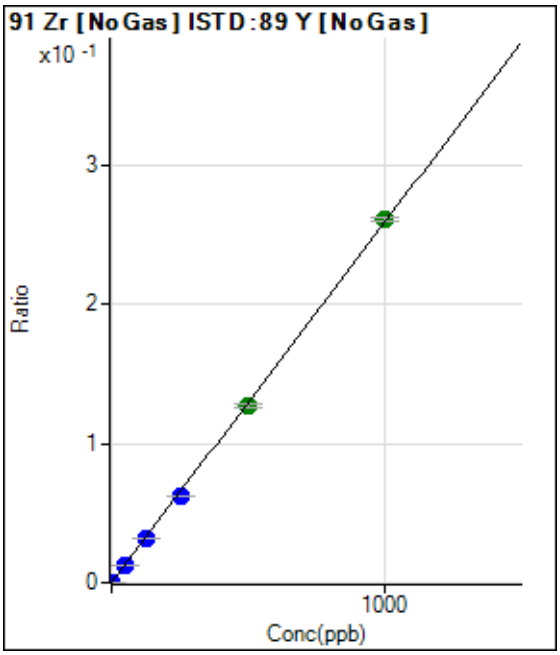
y = 0.0011 * x + 6.2346E-005

R = 0.9998

DL = 0.008218

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	233.34	0.0000	P	4.8
2		1.000	1.036	4267.44	0.0003	P	13.5
3		50.000	49.071	203648.27	0.0127	P	1.5
4		125.000	121.467	510575.84	0.0314	P	1.2
5		250.000	241.605	1024515.12	0.0625	P	0.8
6		500.000	490.938	2063187.57	0.1270	A	2.1
7		1000.000	1007.118	4128167.97	0.2605	A	1.0
8				725.04	0.0000	P	15.4

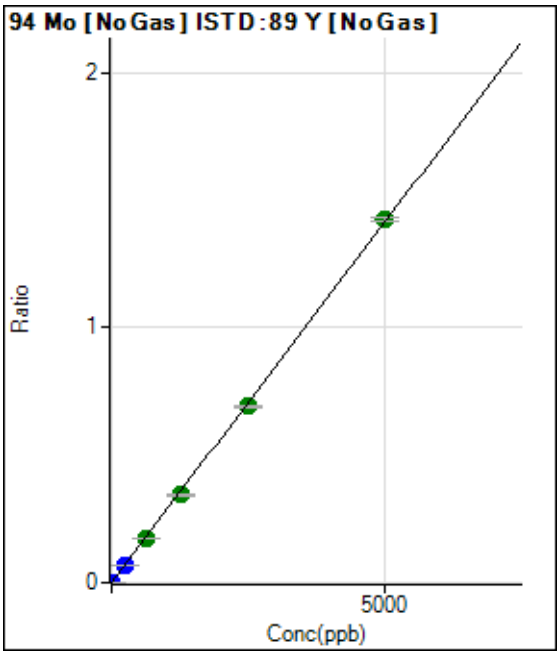
y = 2.5864E-004 * x + 1.4205E-005

R = 0.9999

DL = 0.007937

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	341.68	0.0000	P	9.5
2		5.000	5.400	23461.99	0.0015	P	7.7
3		250.000	250.533	1134477.14	0.0708	P	1.6
4		625.000	621.180	2850973.95	0.1755	A	0.4
5		1250.000	1222.807	5662095.48	0.3454	A	1.6
6		2500.000	2444.998	11222321.78	0.6906	A	0.9
7		5000.000	5034.750	22537092.69	1.4222	A	1.1
8				6040.36	0.0004	P	4.8

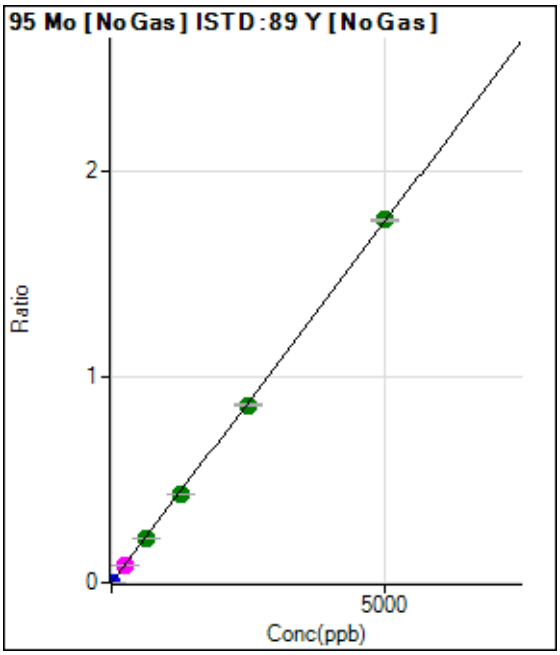
y = 2.8246E-004 * x + 2.0803E-005

R = 0.9999

DL = 0.02101

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	13.89	0.0000	P	34.7
2		5.000	5.370	28574.44	0.0019	P	11.4
3		250.000	250.787	1412305.74	0.0881	M	1.0
4		625.000	619.114	3533732.11	0.2175	A	1.1
5		1250.000	1222.052	7038379.41	0.4294	A	0.8
6		2500.000	2463.280	14062586.43	0.8655	A	0.8
7		5000.000	5026.043	27987604.79	1.7660	A	0.3
8				8563.95	0.0005	P	5.6

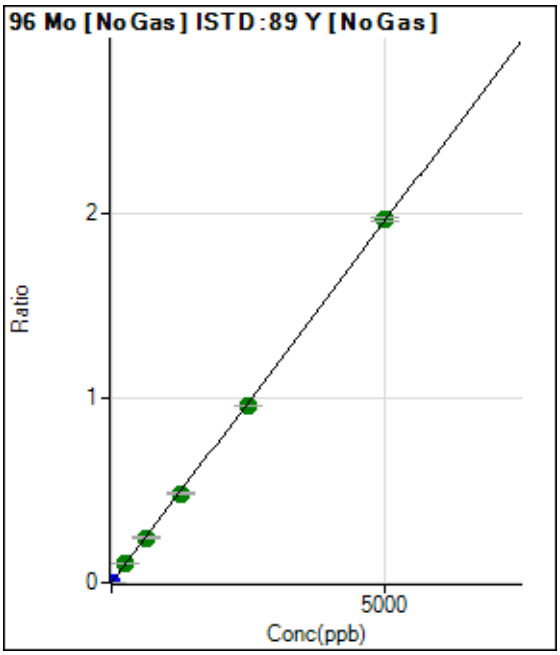
y = 3.5136E-004 * x + 8.4516E-007

R = 0.9999

DL = 0.002502

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	122.23	0.0000	P	42.5
2		5.000	5.428	32201.79	0.0021	P	10.7
3		250.000	255.228	1597005.16	0.0996	A	0.8
4		625.000	623.511	3953595.06	0.2434	A	1.6
5		1250.000	1233.876	7895315.37	0.4816	A	1.5
6		2500.000	2458.316	15592210.24	0.9596	A	0.3
7		5000.000	5024.797	31086689.58	1.9614	A	1.0
8				11941.60	0.0007	P	5.8

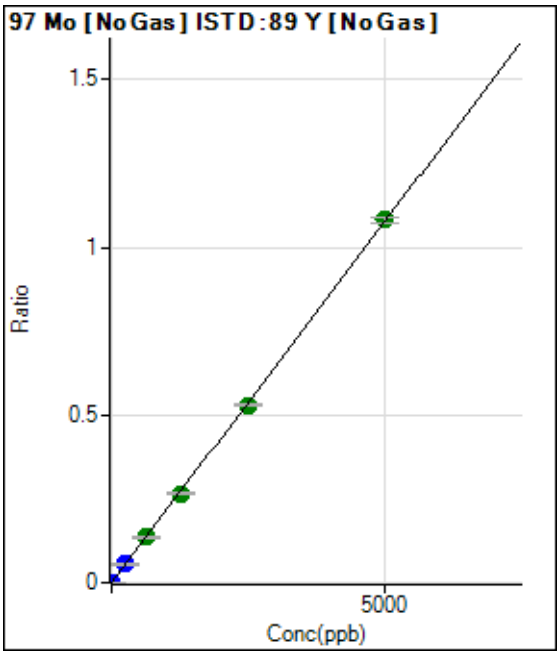
y = 3.9035E-004 * x + 7.4593E-006

R = 0.9999

DL = 0.02434

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	8.33	0.0000	P	1.9
2		5.000	5.417	17639.42	0.0012	P	12.4
3		250.000	253.832	875031.88	0.0546	P	1.9
4		625.000	627.822	2193571.47	0.1350	A	2.4
5		1250.000	1229.541	4335342.98	0.2645	A	1.7
6		2500.000	2453.653	8575963.82	0.5278	A	1.0
7		5000.000	5027.744	17138167.92	1.0815	A	1.4
8				5287.28	0.0003	P	2.3

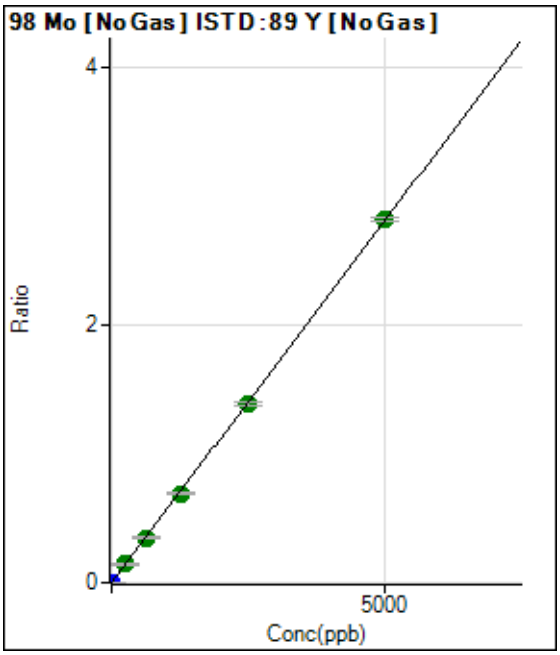
y = 2.1510E-004 * x + 5.0697E-007

R = 0.9999

DL = 0.0001326

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	41.67	0.0000	P	20.9
2		5.000	5.371	45606.04	0.0030	P	11.3
3		250.000	254.494	2285739.79	0.1426	A	1.6
4		625.000	624.196	5682608.50	0.3498	A	0.8
5		1250.000	1234.458	11340293.22	0.6918	A	1.7
6		2500.000	2473.141	22519006.58	1.3860	A	1.4
7		5000.000	5017.190	44559401.69	2.8116	A	1.1
8				12867.37	0.0008	P	5.4

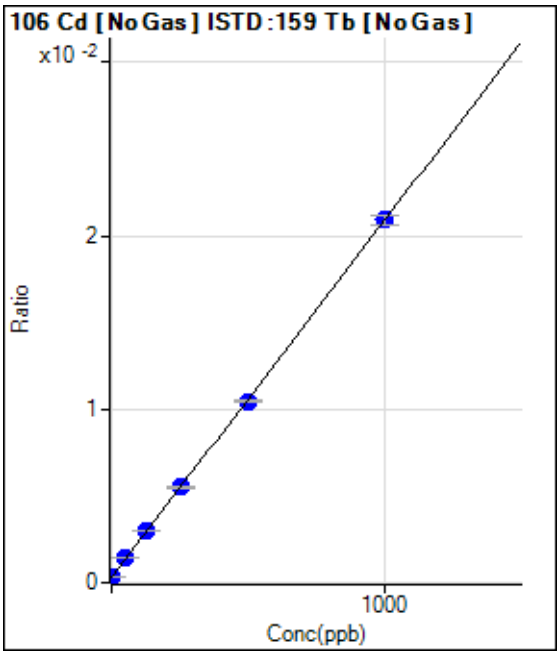
y = 5.6040E-004 * x + 2.5393E-006

R = 1.0000

DL = 0.002837

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	4200.74	0.0003	P	5.6
2		1.000	1.970	4486.96	0.0003	P	3.5
3		50.000	54.209	19439.25	0.0014	P	0.5
4		125.000	129.992	41794.91	0.0030	P	2.1
5		250.000	254.363	77797.56	0.0055	P	2.1
6		500.000	492.755	148281.65	0.0104	P	0.9
7		1000.000	1001.696	283731.93	0.0209	P	2.5
8				4403.62	0.0003	P	1.9

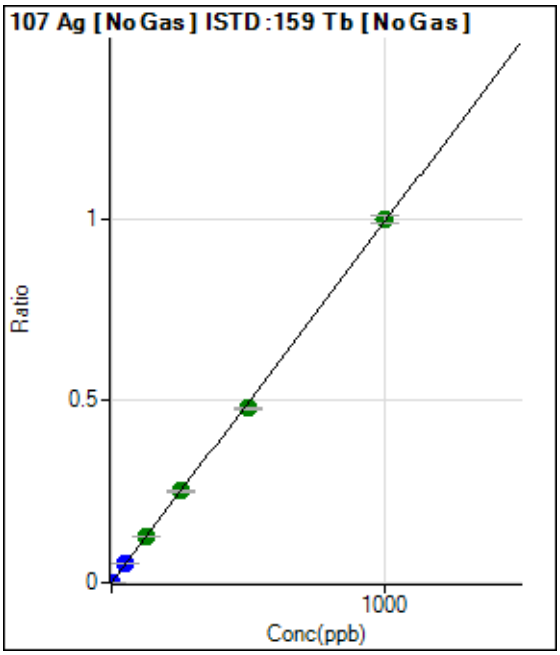
y = 2.0574E-005 * x + 3.0448E-004

R = 0.9999

DL = 2.507

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	80.56	0.0000	P	13.2
2		1.000	1.061	13671.12	0.0011	P	9.3
3		50.000	52.588	713052.85	0.0521	P	1.7
4		125.000	127.797	1775955.99	0.1266	A	2.0
5		250.000	253.515	3527678.38	0.2511	A	1.7
6		500.000	484.440	6814107.10	0.4798	A	1.5
7		1000.000	1006.422	13524756.38	0.9968	A	2.0
8				3525.55	0.0003	P	0.5

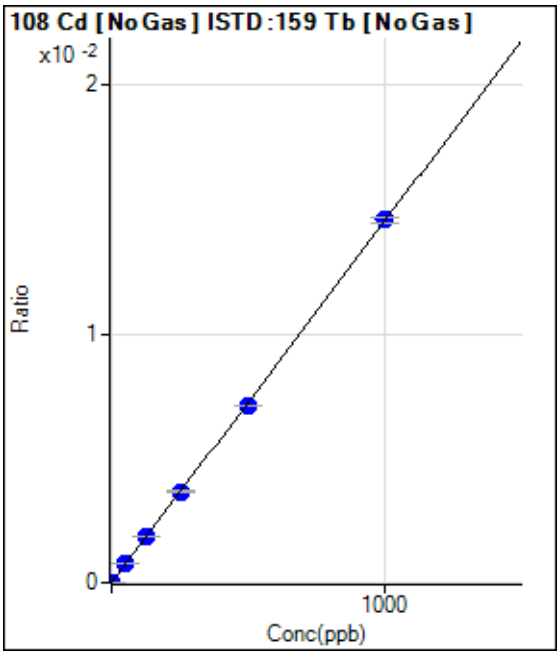
y = 9.9046E-004 * x + 5.8436E-006

R = 0.9998

DL = 0.002339

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	31.94	0.0000	P	32.9
2		1.000	1.244	263.89	0.0000	P	19.3
3		50.000	51.123	10199.72	0.0007	P	0.9
4		125.000	127.125	25946.71	0.0018	P	0.9
5		250.000	250.810	51219.90	0.0036	P	2.5
6		500.000	489.883	101102.03	0.0071	P	0.6
7		1000.000	1004.534	198052.91	0.0146	P	1.8
8				165.28	0.0000	P	10.2

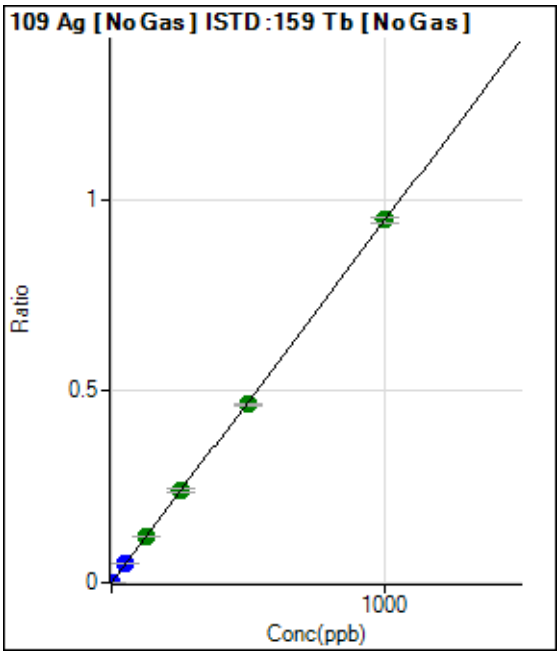
y = 1.4528E-005 * x + 2.3130E-006

R = 0.9999

DL = 0.157

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	27.78	0.0000	P	97.3
2		1.000	1.056	12931.45	0.0010	P	9.0
3		50.000	52.304	676539.38	0.0494	P	3.4
4		125.000	128.251	1700874.70	0.1212	A	1.0
5		250.000	253.349	3363258.71	0.2395	A	3.7
6		500.000	491.988	6603066.86	0.4650	A	0.6
7		1000.000	1002.647	12859321.73	0.9477	A	1.4
8				3256.03	0.0002	P	4.3

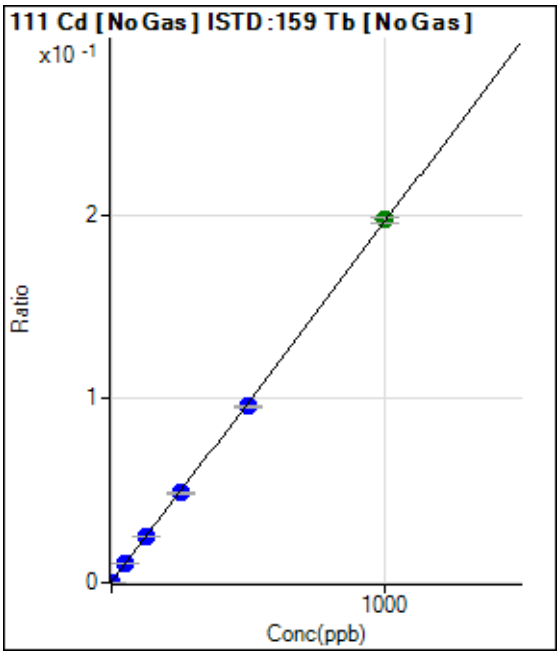
y = 9.4515E-004 * x + 2.0308E-006

R = 0.9999

DL = 0.006271

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	2927.88	0.0002	P	5.2
2		1.000	1.178	5743.96	0.0004	P	5.3
3		50.000	52.103	142648.03	0.0104	P	1.0
4		125.000	126.234	349987.12	0.0249	P	1.2
5		250.000	249.240	688975.74	0.0490	P	1.9
6		500.000	487.738	1359857.32	0.0958	P	1.3
7		1000.000	1006.062	2677295.38	0.1973	A	1.8
8				3534.91	0.0003	P	1.8

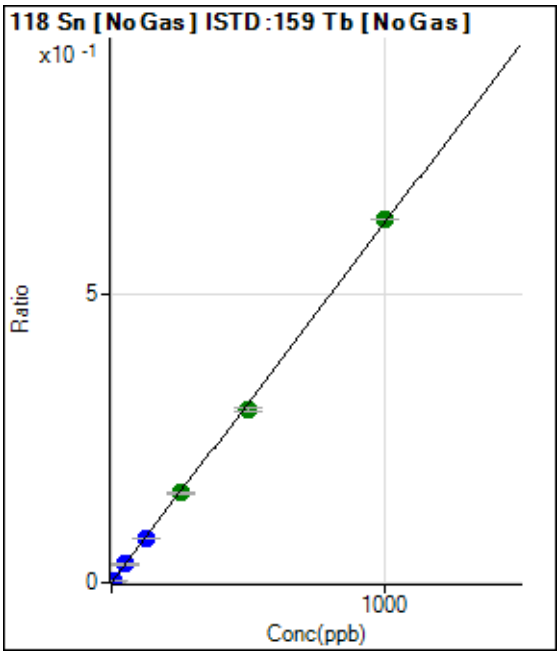
y = 1.9592E-004 * x + 2.1222E-004

R = 0.9999

DL = 0.1687

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	1011.18	0.0001	P	14.4
2		5.000	5.454	44894.00	0.0035	P	12.4
3		50.000	51.187	438208.84	0.0320	P	3.0
4		125.000	122.829	1076708.80	0.0767	P	0.6
5		250.000	250.624	2198547.34	0.1565	A	1.8
6		500.000	481.417	4267384.38	0.3005	A	2.1
7		1000.000	1009.345	8550446.63	0.6300	A	0.1
8				3500.54	0.0003	P	1.7

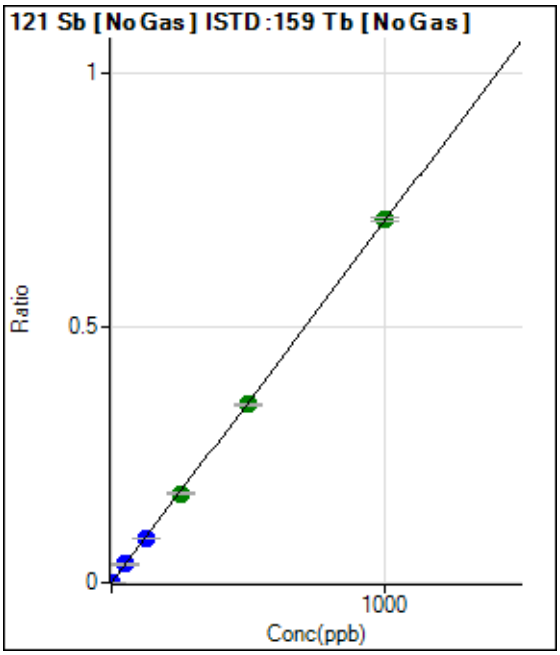
y = 6.2413E-004 * x + 7.3302E-005

R = 0.9997

DL = 0.05084

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	38.89	0.0000	P	87.8
2		2.000	2.229	20418.50	0.0016	P	10.2
3		50.000	50.770	491582.43	0.0359	P	3.0
4		125.000	123.661	1227612.76	0.0875	P	0.8
5		250.000	247.196	2456474.69	0.1749	A	3.3
6		500.000	492.537	4947770.55	0.3485	A	1.5
7		1000.000	1004.561	9644103.69	0.7107	A	1.0
8				9303.42	0.0007	P	3.7

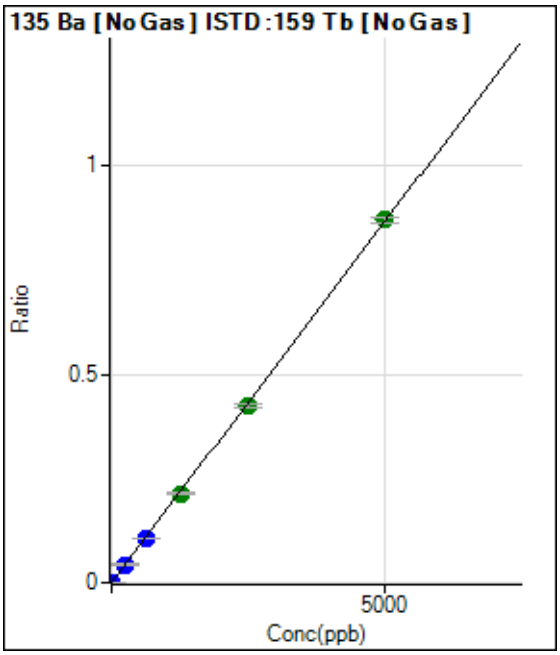
y = 7.0747E-004 * x + 2.8258E-006

R = 1.0000

DL = 0.01052

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	58.34	0.0000	P	58.0
2		10.000	10.968	24595.10	0.0019	P	9.0
3		250.000	251.177	594783.59	0.0435	P	2.2
4		625.000	612.313	1486183.04	0.1059	P	1.6
5		1250.000	1234.446	2999759.18	0.2136	A	2.7
6		2500.000	2453.347	6026154.34	0.4244	A	1.8
7		5000.000	5028.740	11804717.10	0.8699	A	1.6
8				3022.64	0.0002	P	4.0

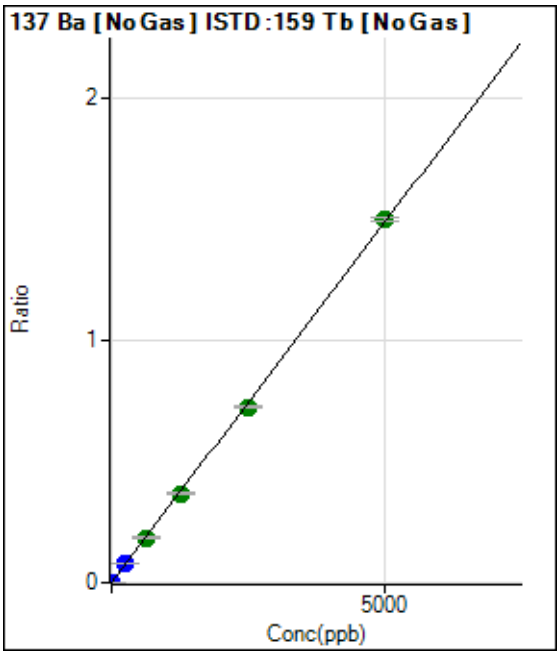
y = 1.7299E-004 * x + 4.2310E-006

R = 0.9999

DL = 0.04252

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	108.33	0.0000	P	49.2
2		10.000	10.936	42110.71	0.0033	P	9.9
3		250.000	256.540	1043355.54	0.0762	P	1.9
4		625.000	626.731	2612466.53	0.1862	A	2.2
5		1250.000	1237.974	5166924.51	0.3678	A	2.4
6		2500.000	2434.738	10271717.85	0.7234	A	1.0
7		5000.000	5035.092	20300030.49	1.4960	A	1.1
8				5156.67	0.0004	P	5.7

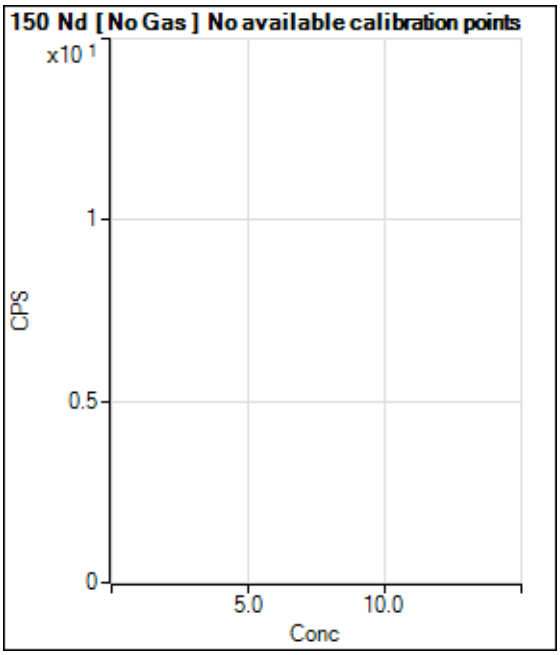
y = 2.9711E-004 * x + 7.8992E-006

R = 0.9999

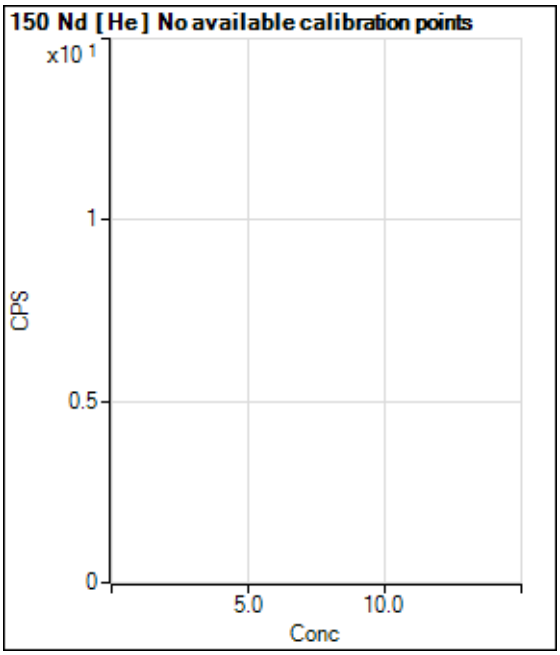
DL = 0.03924

Weight: <None>

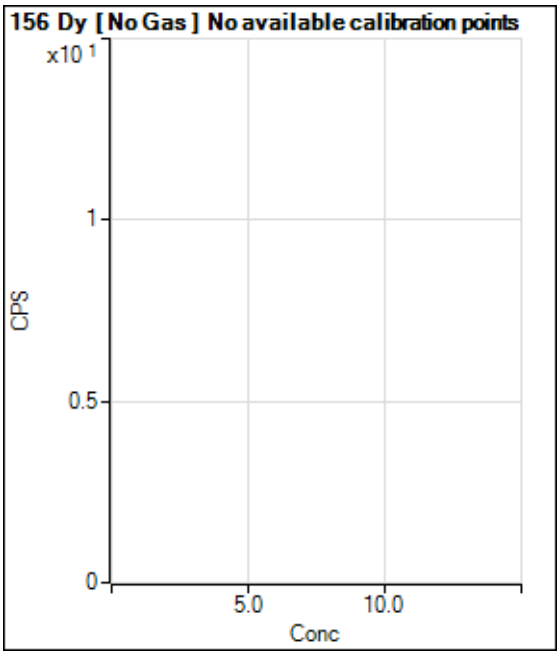
Min Conc: 0



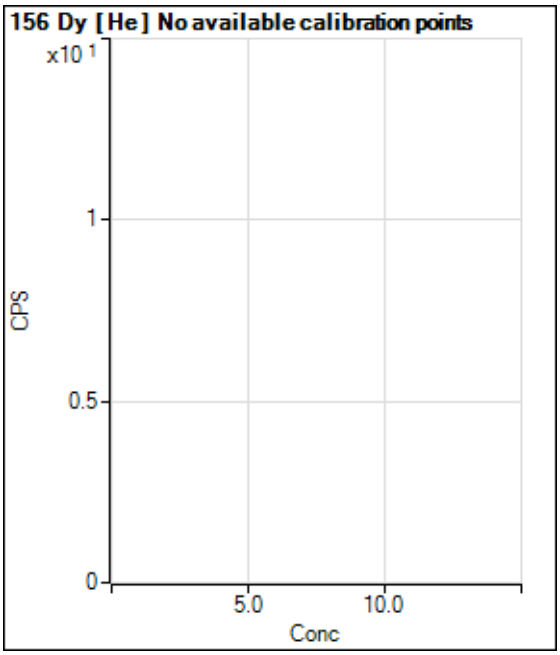
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				6.67		P	100.0
2				6.67		P	100.0
3				26.67		P	25.0
4				60.00		P	11.1
5				106.67		P	28.6
6				233.34		P	20.0
7				506.69		P	3.9
8				28.89		P	48.0



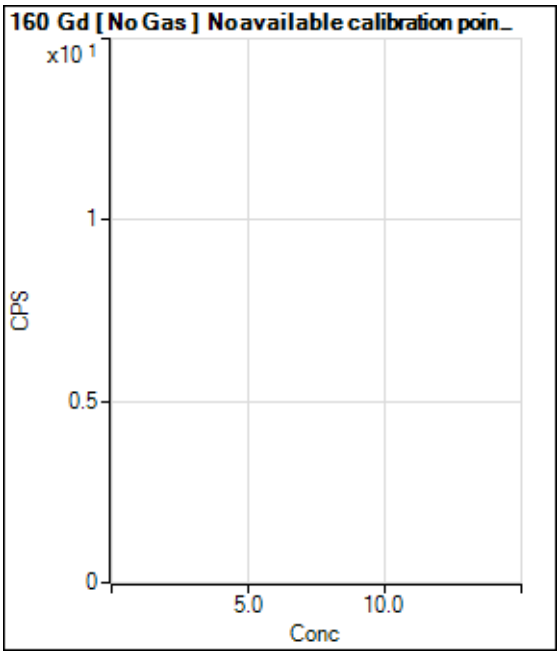
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				0.00		P	
2				1.11		P	173.2
3				2.22		P	86.6
4				7.78		P	49.5
5				12.22		P	78.7
6				13.33		P	NaN
7				51.11		P	10.0
8				17.78		P	28.6



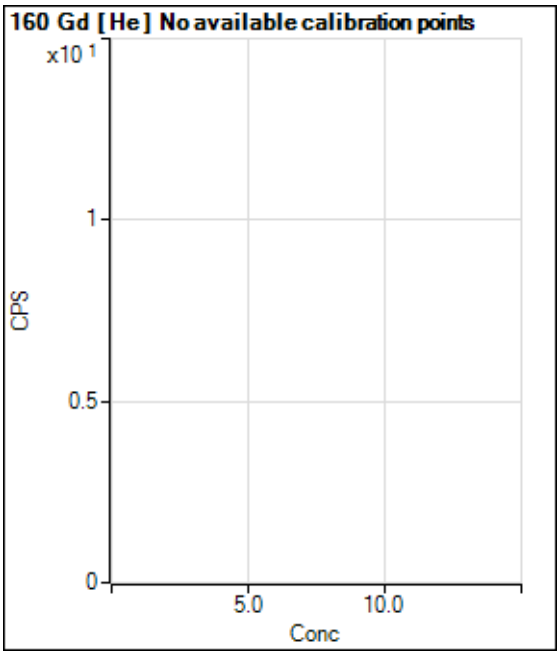
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				11.11		P	43.3
2				11.11		P	114.6
3				38.89		P	24.7
4				63.89		P	41.9
5				191.67		P	11.5
6				300.01		P	16.7
7				702.82		P	14.8
8				1550.14		P	7.3



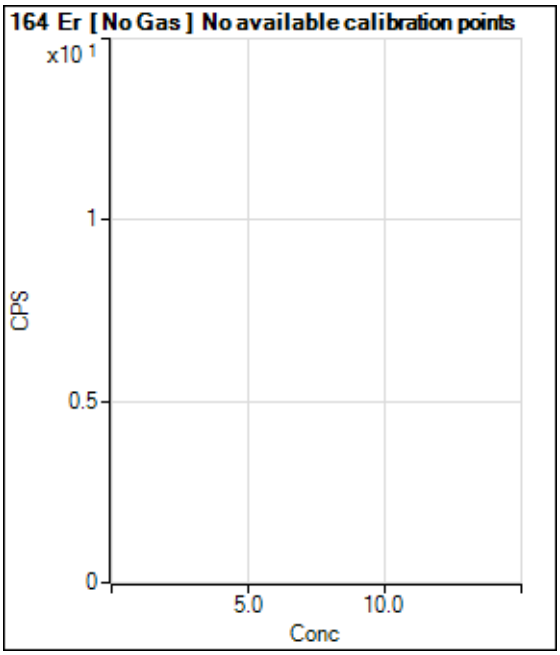
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				5.55		P	124.9
2				2.22		P	86.6
3				17.78		P	28.6
4				36.66		P	15.7
5				78.89		P	6.5
6				145.56		P	7.4
7				278.89		P	12.7
8				750.03		P	9.3



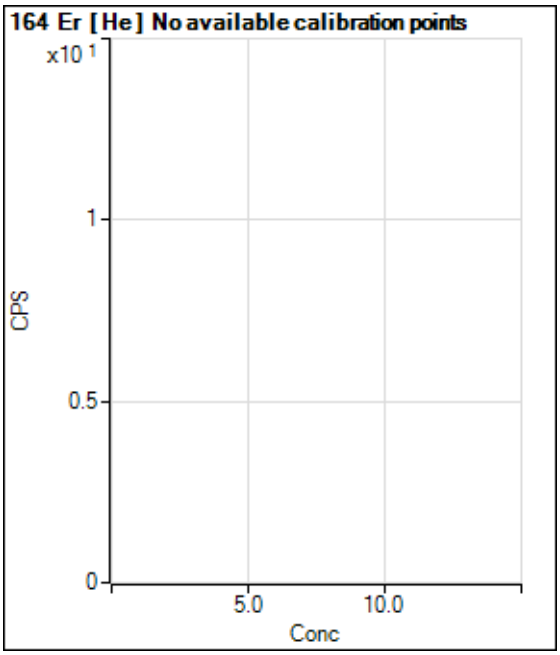
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				94.45		P	39.8
2				111.11		P	49.9
3				144.45		P	38.4
4				222.23		P	11.5
5				236.12		P	10.8
6				469.46		P	8.8
7				675.04		P	13.4
8				1994.64		P	5.8



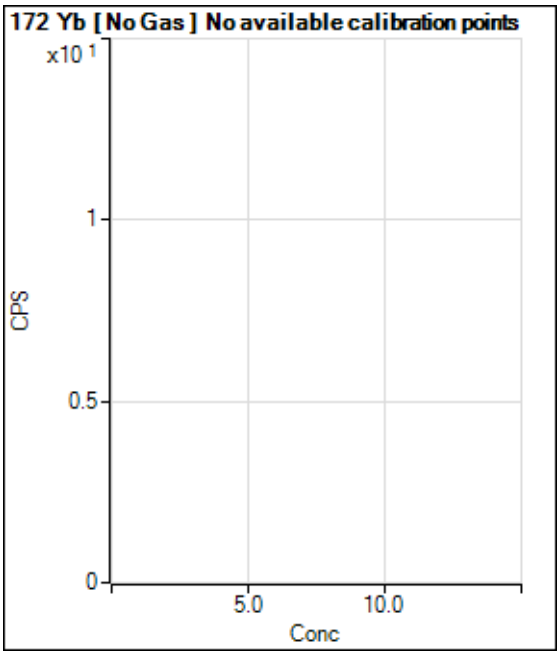
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				54.45		P	7.1
2				46.67		P	24.7
3				74.44		P	22.1
4				80.00		P	23.2
5				107.78		P	3.6
6				211.11		P	13.4
7				303.34		P	6.1
8				975.60		P	4.6



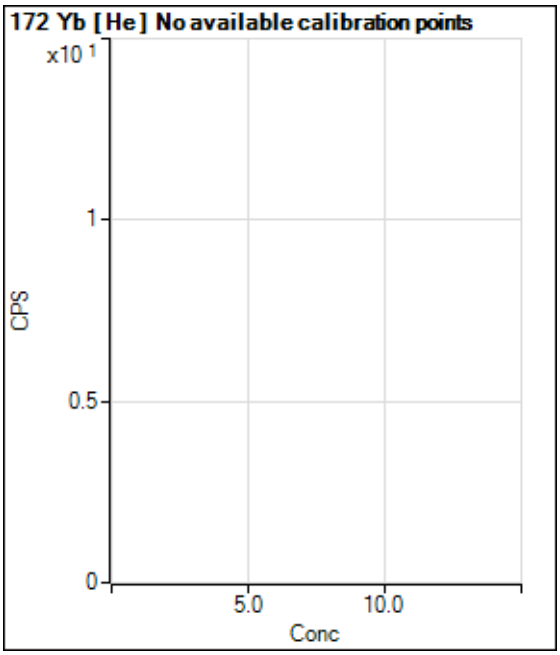
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				77.78		P	16.4
2				113.89		P	47.6
3				100.00		P	0.0
4				105.56		P	16.4
5				97.22		P	30.1
6				147.23		P	26.7
7				205.56		P	12.4
8				322.24		P	22.6



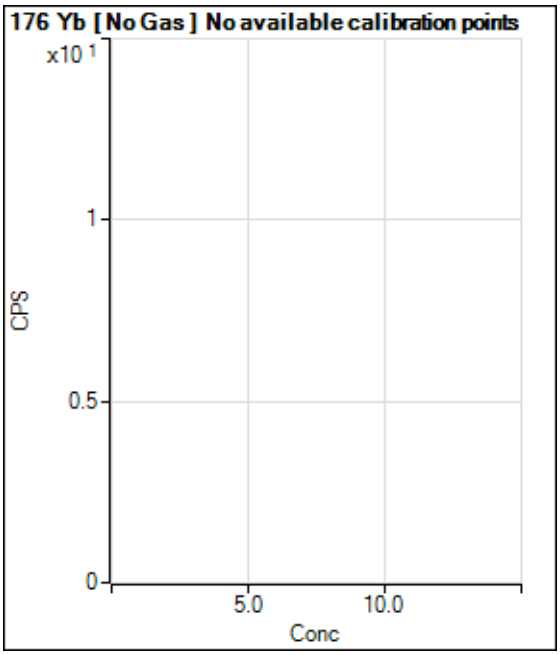
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				30.00		P	50.9
2				40.00		P	16.7
3				26.67		P	50.0
4				36.67		P	NaN
5				35.56		P	14.3
6				63.33		P	9.1
7				68.89		P	12.2
8				146.67		P	13.8



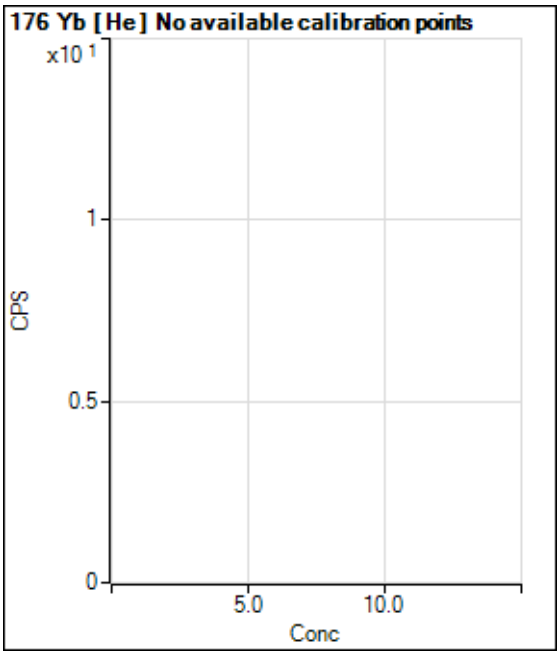
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				41.67		P	52.9
2				52.78		P	77.9
3				41.67		P	52.9
4				41.67		P	20.0
5				50.00		P	0.0
6				58.33		P	24.7
7				69.44		P	27.7
8				63.89		P	37.7



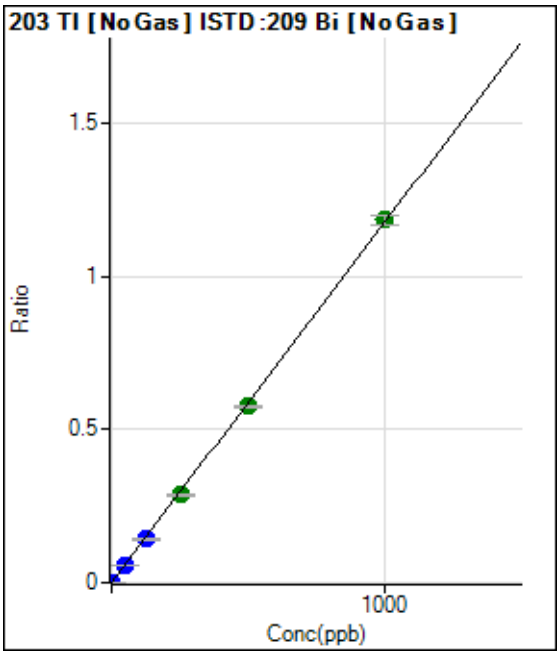
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				22.22		P	66.1
2				12.96		P	24.8
3				33.33		P	33.3
4				20.37		P	125.9
5				25.92		P	24.7
6				18.52		P	17.3
7				24.07		P	48.0
8				27.78		P	20.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				1644.59		P	2.4
2				1683.50		P	5.2
3				1680.72		P	5.1
4				1739.05		P	7.3
5				1736.27		P	3.4
6				1625.15		P	0.9
7				1702.94		P	7.5
8				1805.73		P	4.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1				2379.88		P	8.7
2				1766.81		P	5.7
3				1563.08		P	4.3
4				1451.96		P	13.6
5				1348.24		P	9.5
6				1264.90		P	13.9
7				1205.63		P	7.2
8				1311.20		P	4.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	538.92	0.0001	P	12.1
2		1.000	1.049	10229.34	0.0013	P	11.0
3		50.000	48.152	477168.43	0.0567	P	1.5
4		125.000	120.184	1209890.22	0.1414	P	3.3
5		250.000	244.656	2445996.02	0.2877	A	1.5
6		500.000	489.727	4924658.44	0.5758	A	0.5
7		1000.000	1007.167	9596766.10	1.1842	A	3.0
8				2080.78	0.0003	P	13.6

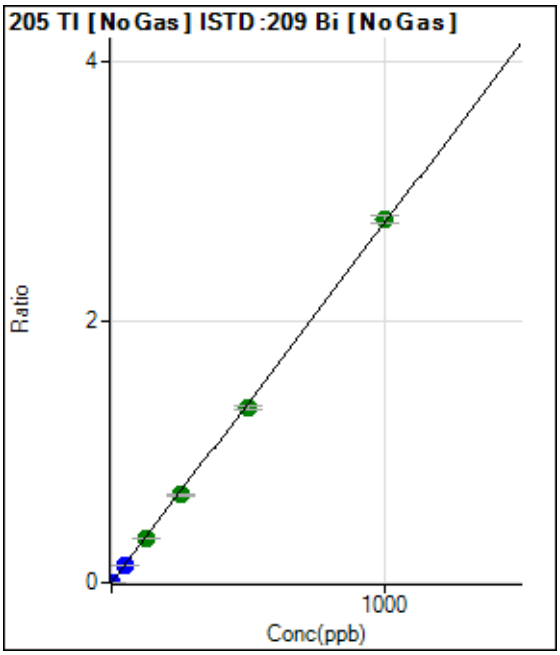
y = 0.0012 * x + 6.3749E-005

R = 0.9999

DL = 0.01975

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	1358.45	0.0002	P	2.4
2		1.000	1.085	24877.28	0.0032	P	9.0
3		50.000	48.915	1136371.48	0.1350	P	3.2
4		125.000	123.859	2924615.10	0.3416	A	2.1
5		250.000	244.933	5741351.56	0.6754	A	2.5
6		500.000	485.571	11448095.31	1.3388	A	2.0
7		1000.000	1008.678	22539639.57	2.7809	A	2.1
8				5242.89	0.0007	P	4.7

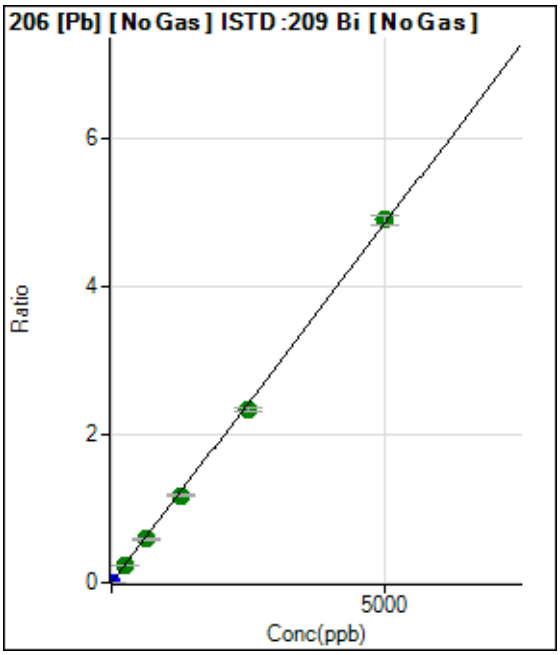
y = 0.0028 * x + 1.6045E-004

R = 0.9998

DL = 0.004105

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	600.03	0.0001	P	15.3
2		1.000	1.096	8927.31	0.0011	P	11.2
3		250.000	246.232	2007098.35	0.2385	A	3.1
4		625.000	605.352	5017882.46	0.5861	A	2.1
5		1250.000	1217.309	10022219.32	1.1786	A	0.8
6		2500.000	2410.403	19955096.74	2.3337	A	2.0
7		5000.000	5055.616	39666946.72	4.8947	A	2.6
8				17538.00	0.0023	P	0.7

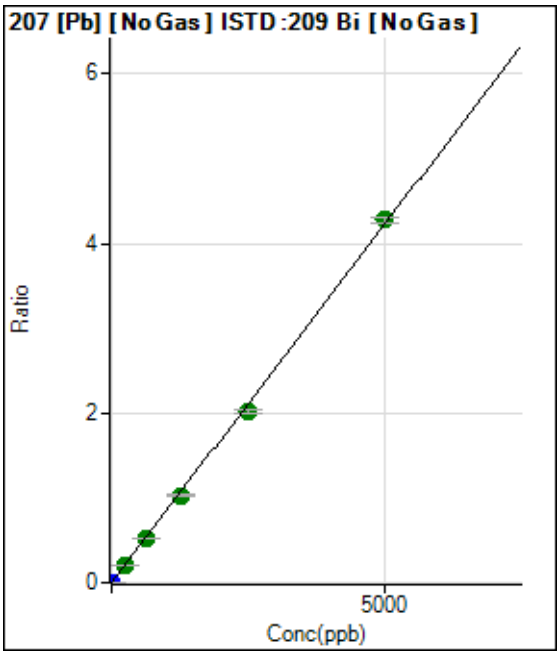
y = 9.6815E-004 * x + 7.1015E-005

R = 0.9997

DL = 0.03366

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	518.54	0.0001	P	13.2
2		1.000	1.041	7417.08	0.0009	P	10.6
3		250.000	253.015	1799851.50	0.2138	A	1.4
4		625.000	611.742	4424975.74	0.5168	A	1.3
5		1250.000	1217.143	8742738.10	1.0281	A	1.1
6		2500.000	2388.385	17250936.73	2.0174	A	1.7
7		5000.000	5065.528	34678607.72	4.2787	A	1.4
8				15361.16	0.0020	P	2.4

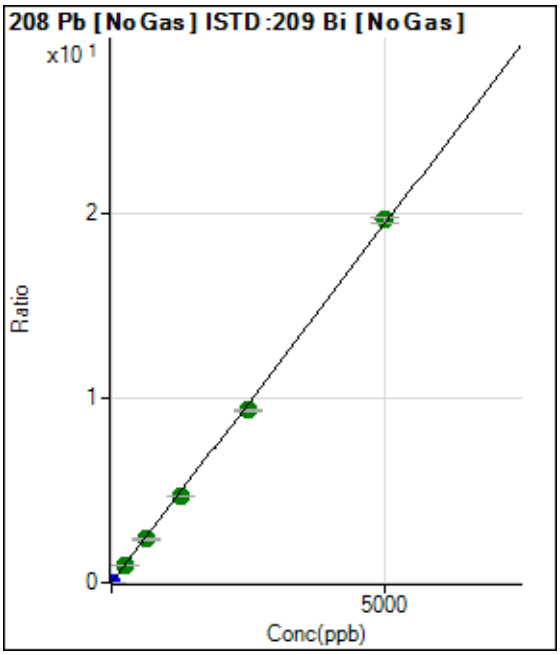
y = 8.4465E-004 * x + 6.1342E-005

R = 0.9996

DL = 0.02867

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	2507.56	0.0003	P	7.6
2		1.000	1.066	34937.71	0.0044	P	10.7
3		250.000	250.795	8193353.77	0.9732	A	1.8
4		625.000	606.684	20153284.36	2.3537	A	1.1
5		1250.000	1213.132	40022170.63	4.7063	A	0.7
6		2500.000	2401.008	79648488.12	9.3143	A	1.6
7		5000.000	5060.963	159120669.3	19.6328	A	1.5
8				69463.83	0.0091	P	0.8

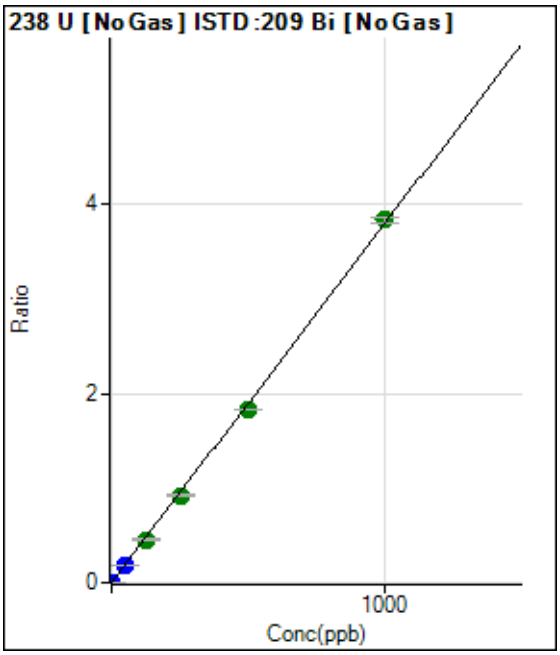
y = 0.0039 * x + 2.9642E-004

R = 0.9997

DL = 0.01752

Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		0.000	0.000	8.33	0.0000	P	2.3
2		1.000	1.016	30373.10	0.0038	P	9.4
3		50.000	47.980	1530060.03	0.1818	P	2.2
4		125.000	120.132	3895806.08	0.4551	A	2.5
5		250.000	242.497	7808941.15	0.9186	A	2.1
6		500.000	482.408	15627429.17	1.8274	A	1.1
7		1000.000	1011.382	31050402.78	3.8312	A	1.8
8				2714.29	0.0004	P	5.6

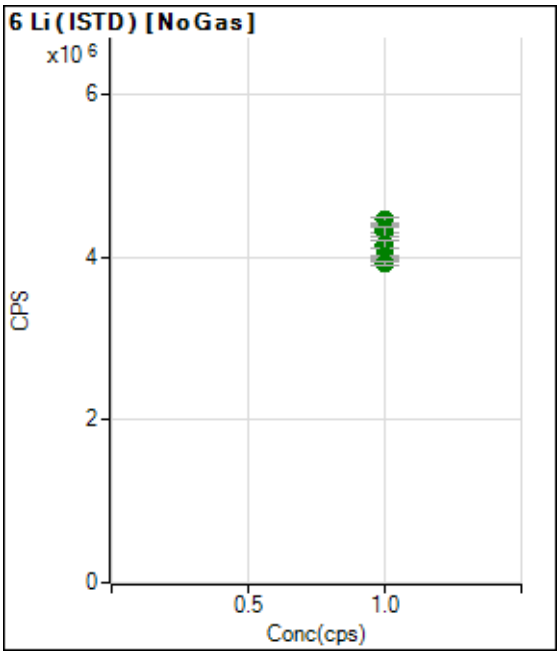
y = 0.0038 * x + 9.8395E-007

R = 0.9997

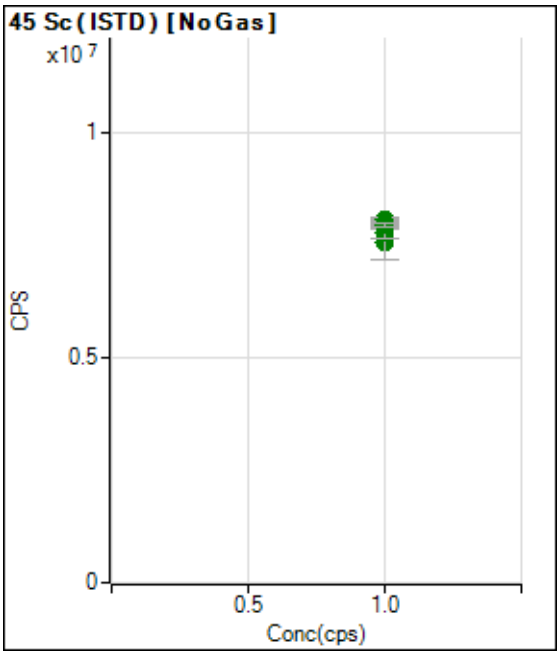
DL = 1.83E-05

Weight: <None>

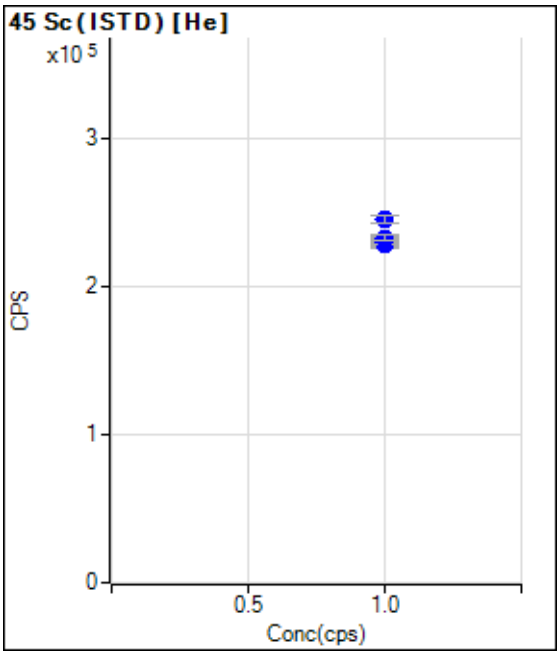
Min Conc: 0



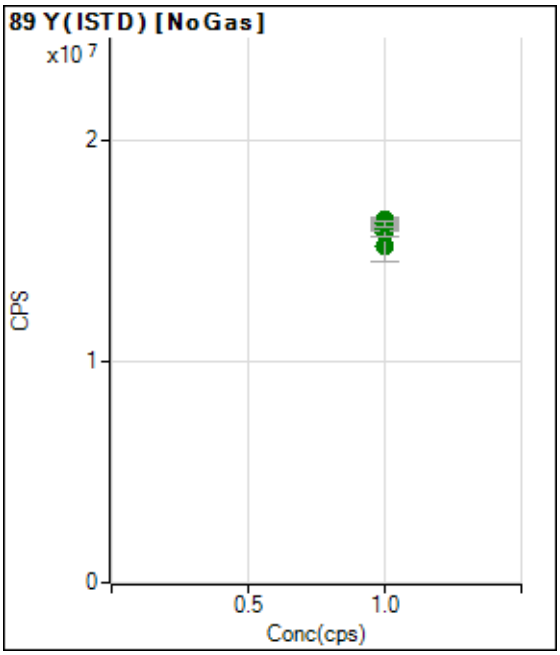
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		1.000		4459511.78		A	1.5
2		1.000		4146249.90		A	8.0
3		1.000		4341984.13		A	2.1
4		1.000		4313638.67		A	2.5
5		1.000		4321939.59		A	2.8
6		1.000		4160723.47		A	2.3
7		1.000		4011042.45		A	0.9
8		1.000		3919255.77		A	1.1



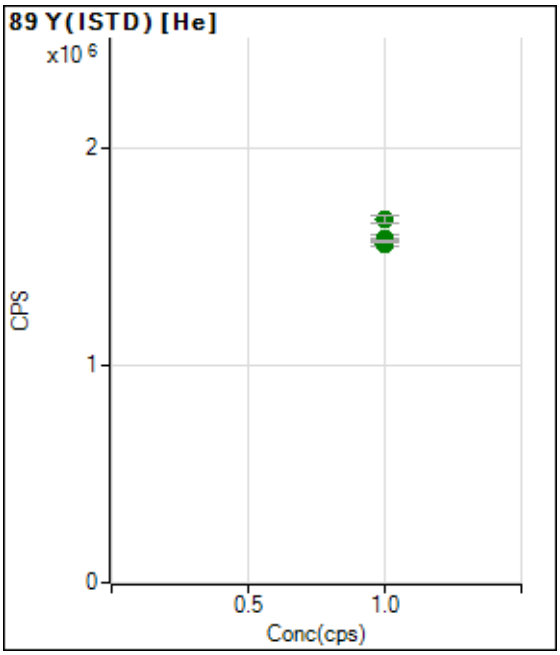
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		1.000		8012800.02		A	2.2
2		1.000		7589134.26		A	10.3
3		1.000		7922645.72		A	1.7
4		1.000		8072232.45		A	1.3
5		1.000		8021192.80		A	0.8
6		1.000		8000753.56		A	0.6
7		1.000		7775758.56		A	2.8
8		1.000		7953147.87		A	1.2



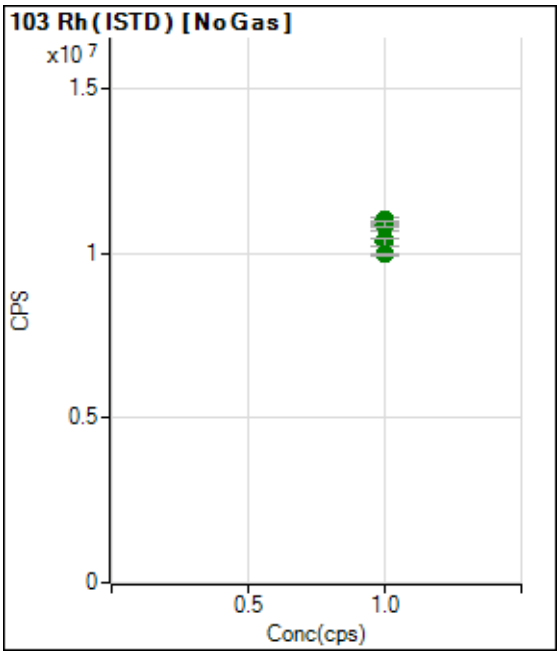
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		1.000		228422.26		P	1.8
2		1.000		228182.33		P	0.8
3		1.000		231799.00		P	1.2
4		1.000		232250.32		P	0.5
5		1.000		229911.32		P	0.2
6		1.000		229728.06		P	0.9
7		1.000		232581.39		P	1.5
8		1.000		244878.42		P	2.0



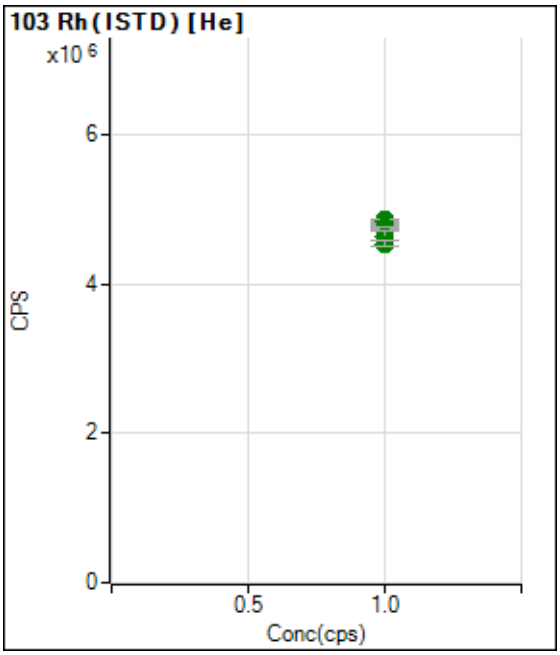
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		1.000		16434823.37		A	1.9
2		1.000		15250523.11		A	9.7
3		1.000		16028932.82		A	1.4
4		1.000		16246548.79		A	1.7
5		1.000		16391666.28		A	0.5
6		1.000		16248648.78		A	0.9
7		1.000		15848925.74		A	1.6
8		1.000		16251099.20		A	1.5



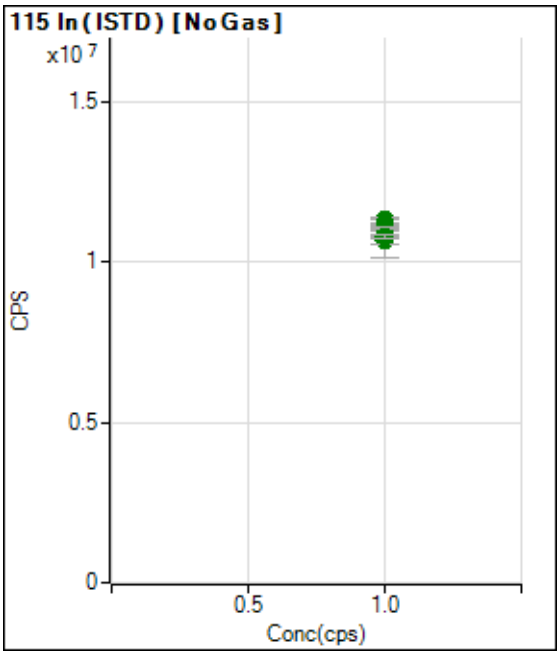
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		1.000		1575457.80		A	3.3
2		1.000		1565613.05		A	1.4
3		1.000		1559911.57		A	1.3
4		1.000		1586169.80		A	0.2
5		1.000		1557946.16		A	1.2
6		1.000		1557700.96		A	0.9
7		1.000		1572055.53		A	0.9
8		1.000		1671820.04		A	2.3



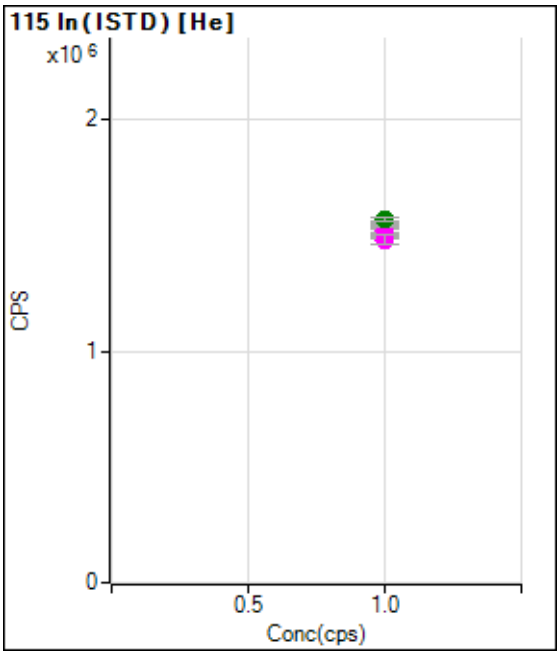
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		1.000		10885627.15		A	1.8
2		1.000		10389014.03		A	7.9
3		1.000		10779372.72		A	1.6
4		1.000		11009163.01		A	1.5
5		1.000		10943427.15		A	0.6
6		1.000		10875340.78		A	1.3
7		1.000		10330740.68		A	2.6
8		1.000		9962906.39		A	0.8



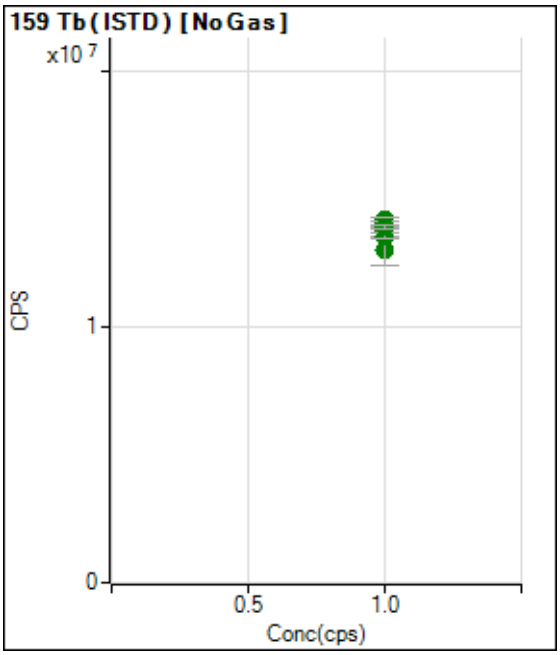
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		1.000		4810260.90		A	2.4
2		1.000		4832588.61		A	0.5
3		1.000		4809794.17		A	0.4
4		1.000		4859321.32		A	0.5
5		1.000		4841375.07		A	0.8
6		1.000		4756830.69		A	0.7
7		1.000		4647298.16		A	2.4
8		1.000		4544101.57		A	2.1



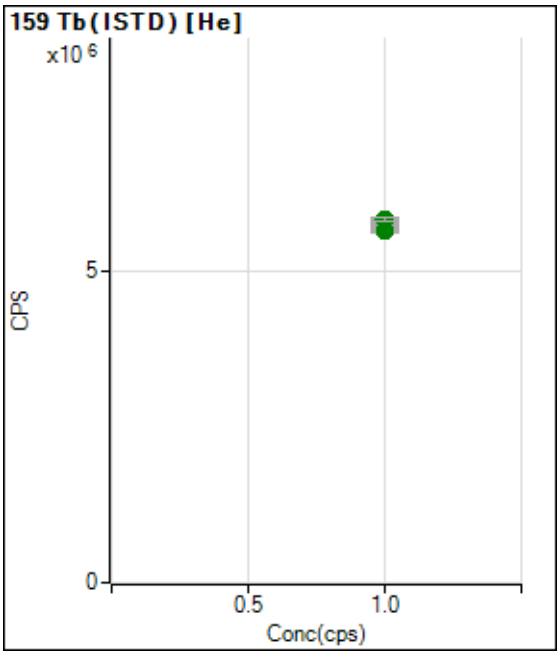
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		1.000		11301241.73		A	1.8
2		1.000		10667577.59		A	9.7
3		1.000		11137493.12		A	3.0
4		1.000		11087976.24		A	0.7
5		1.000		11189204.02		A	0.3
6		1.000		11061037.35		A	0.8
7		1.000		10682618.89		A	2.3
8		1.000		10792475.15		A	0.9



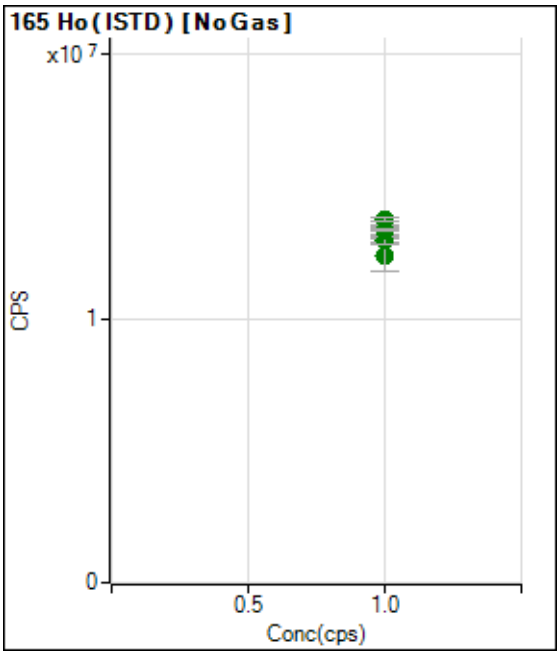
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		1.000		1527498.23		M	1.8
2		1.000		1532689.83		A	0.7
3		1.000		1535099.94		A	0.8
4		1.000		1548057.63		A	0.6
5		1.000		1523586.80		M	1.4
6		1.000		1494247.70		M	0.8
7		1.000		1482919.95		M	2.9
8		1.000		1567959.90		A	1.0



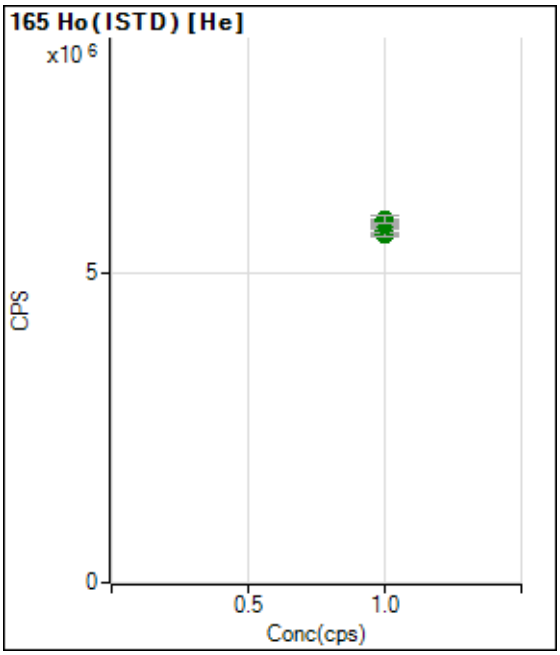
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		1.000		13801254.94		A	1.9
2		1.000		13000670.08		A	8.5
3		1.000		13691710.91		A	2.4
4		1.000		14032135.62		A	1.4
5		1.000		14051435.07		A	1.8
6		1.000		14200356.59		A	1.0
7		1.000		13571214.66		A	2.0
8		1.000		13910182.85		A	0.9



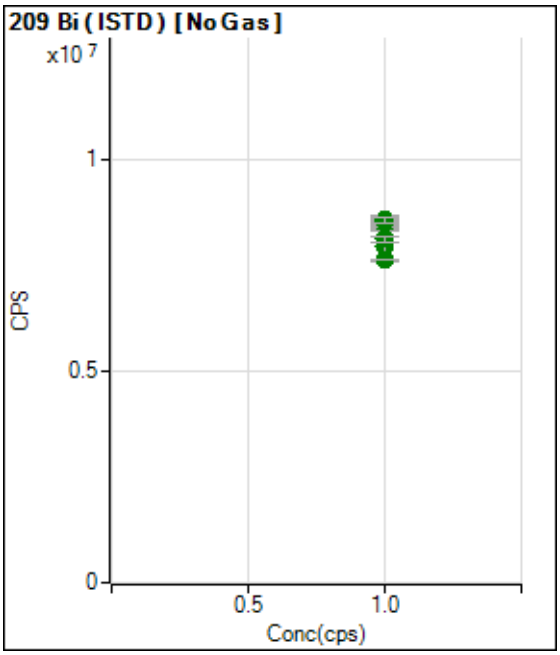
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		1.000		5635819.36		A	0.7
2		1.000		5667474.50		A	1.4
3		1.000		5716039.99		A	1.4
4		1.000		5807325.26		A	0.5
5		1.000		5777172.62		A	1.8
6		1.000		5688831.27		A	0.8
7		1.000		5751308.39		A	0.5
8		1.000		5818700.33		A	1.1



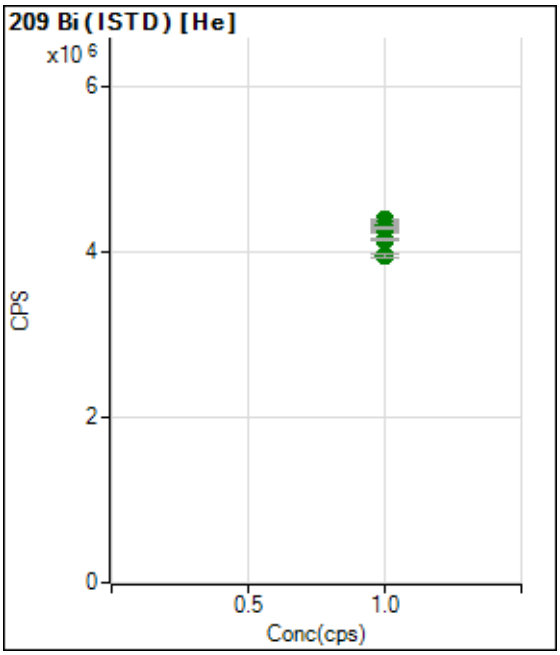
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		1.000		12991142.65		A	1.9
2		1.000		12404084.83		A	9.5
3		1.000		12984070.51		A	2.8
4		1.000		13457326.34		A	0.4
5		1.000		13420529.38		A	1.5
6		1.000		13729541.80		A	1.0
7		1.000		13300721.57		A	3.0
8		1.000		13341865.40		A	0.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		1.000		5697998.74		A	2.2
2		1.000		5622314.43		A	1.2
3		1.000		5783023.53		A	1.8
4		1.000		5824449.15		A	1.0
5		1.000		5839331.23		A	1.5
6		1.000		5835686.09		A	1.0
7		1.000		5851115.96		A	2.7
8		1.000		5869415.26		A	2.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		1.000		8468985.99		A	2.3
2		1.000		7937183.63		A	9.1
3		1.000		8421570.71		A	2.7
4		1.000		8563327.72		A	2.5
5		1.000		8503977.24		A	2.6
6		1.000		8552825.71		A	1.8
7		1.000		8106218.42		A	1.7
8		1.000		7619016.76		A	0.4



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1		1.000		4279414.52		A	1.4
2		1.000		4275721.95		A	1.8
3		1.000		4392380.49		A	0.7
4		1.000		4336137.30		A	0.4
5		1.000		4334396.12		A	0.9
6		1.000		4290906.26		A	0.8
7		1.000		4155009.41		A	0.9
8		1.000		3963578.93		A	1.2

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P8081621-MS.b
Acq. Date-Time	2021-08-16 08:09:29
Report Comment	---
Instrument Name	G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		15621	156209.44			1.721	5.000
24		158177	1581765.23			2.023	5.000
25		21531	215310.18			1.334	5.000
26		25069	250690.89			1.202	5.000
59		32136	321363.31			1.146	5.000
113		14658	146583.35			1.777	5.000
115		42447	424470.32			1.763	5.000
206		19416	194157.50			1.919	5.000
207		16309	163090.77			2.207	5.000
208		40604	406036.29			1.895	5.000
220		0	2.00			39.529	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

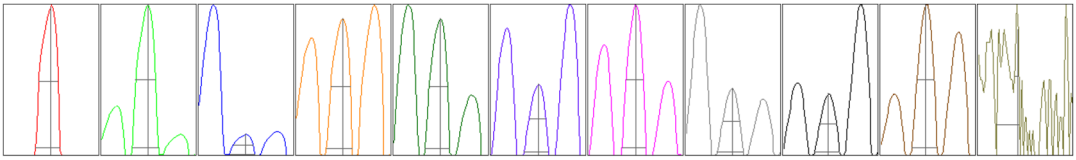
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	15648	15708	15703	15880	15166
24	159931	157057	159563	161207	153125
25	21719	21454	21522	21856	21103
26	25158	25083	25018	25462	24624
59	32147	32119	32153	32652	31611
113	14675	14575	14720	15021	14300
115	42621	42144	42457	43533	41479
206	19349	19188	19374	20053	19114
207	16158	16082	16334	16922	16049
208	40416	40088	40732	41862	39920

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	0	0	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	27494.12	9.00	8.90 - 9.10	
24	273256.44	24.00	23.90 - 24.10	
25	36765.92	25.00	24.90 - 25.10	
26	42855.76	26.00	25.90 - 26.10	
59	58542.12	59.00	58.90 - 59.10	
113	28533.56	113.05	112.90 - 113.10	
115	82189.90	115.05	114.90 - 115.10	
206	36917.77	206.00	205.90 - 206.10	
207	31221.54	206.95	206.90 - 207.10	
208	76528.25	207.95	207.90 - 208.10	
220	0.50	219.80	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.774	0.900	
24	0.62	0.828	0.900	
25	0.62	0.788	0.900	
26	0.63	0.817	0.900	
59	0.58	0.780	0.900	
113	0.53	0.770	0.900	
115	0.54	0.768	0.900	
206	0.53	0.819	0.900	
207	0.53	0.783	0.900	
208	0.54	0.787	0.900	
220	0.14	0.725		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.75 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.6 V	Deflect	15.0 V
Extract 2	-200.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-105 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	160 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	0.01		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.8 mm

EM

Discriminator	4.1 mV	Analog HV	2220 V	Pulse HV	1517 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		6621	66205.43			0.588	
89		19604	196037.89			0.641	
205		22697	226970.81			1.378	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	6571	6670	6640	6593	6628
89	19436	19777	19621	19638	19547
205	22624	23091	22950	22443	22377

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.6 V	Deflect	4.4 V

US EPA Tune Check Report

Extract 2	-200.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-105 V	Cell Exit	-70 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.01		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.8 mm

EM

Discriminator	4.1 mV	Analog HV	2220 V	Pulse HV	1517 V