

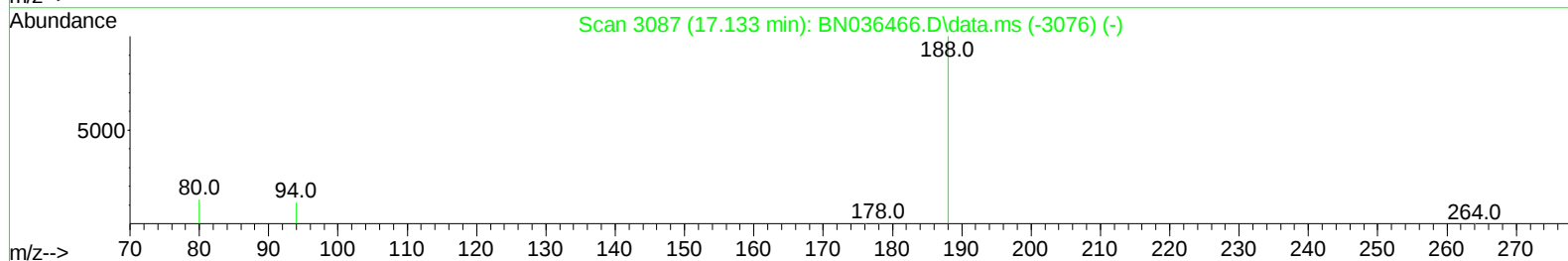
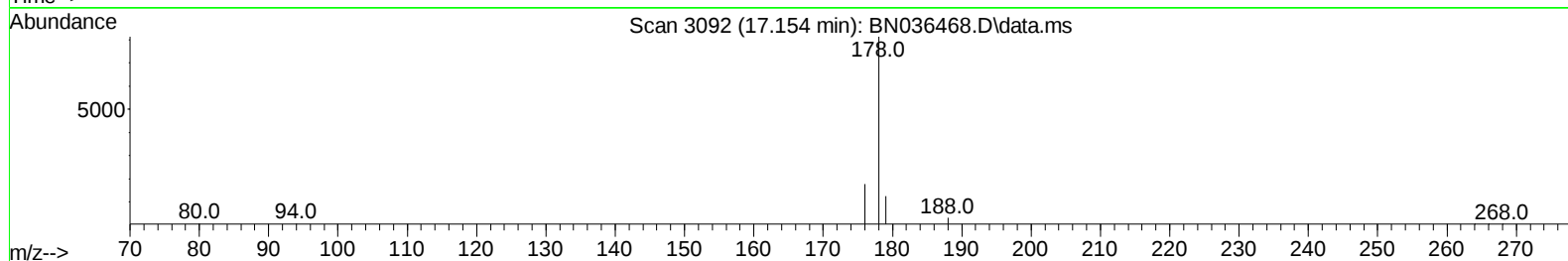
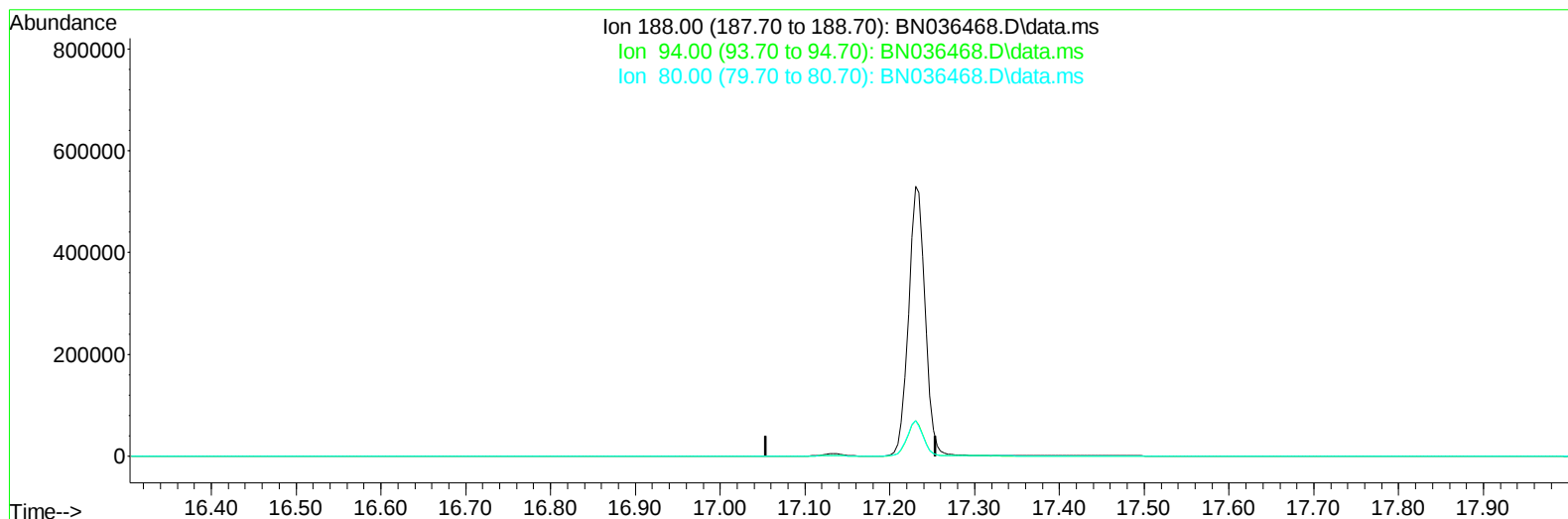
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021925\
Data File : BN036468.D
Acq On : 19 Feb 2025 12:49
Operator : RC/JU
Sample : Q1247-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A6317

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :mohammad ahmed 02/20/2025

Quant Time: Feb 19 17:45:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration



TIC: BN036468.D\data.ms

(13) Phenanthrene-d10 (I)

17.154min (-17.154) 0.00 ng/u1

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	10.10	0.00#
80.00	10.90	0.00#
0.00	0.00	0.00

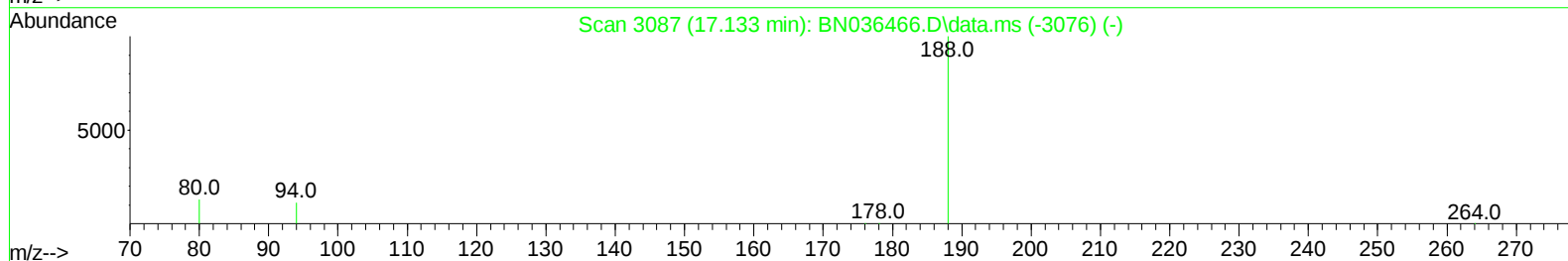
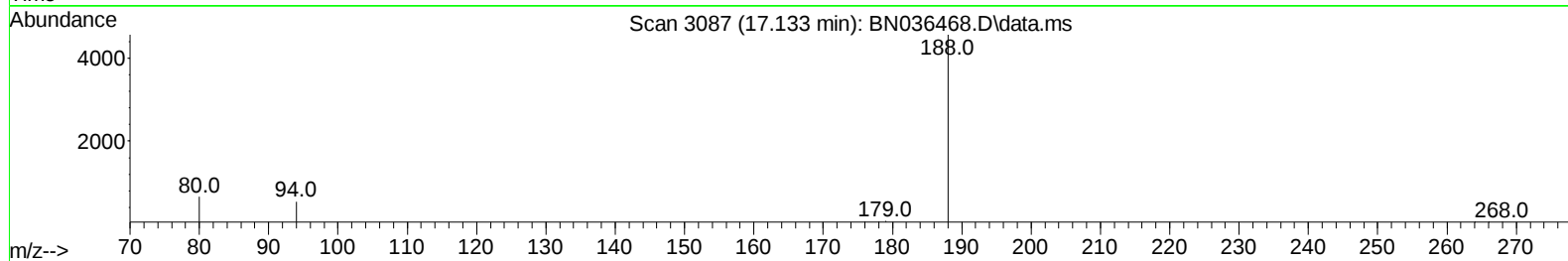
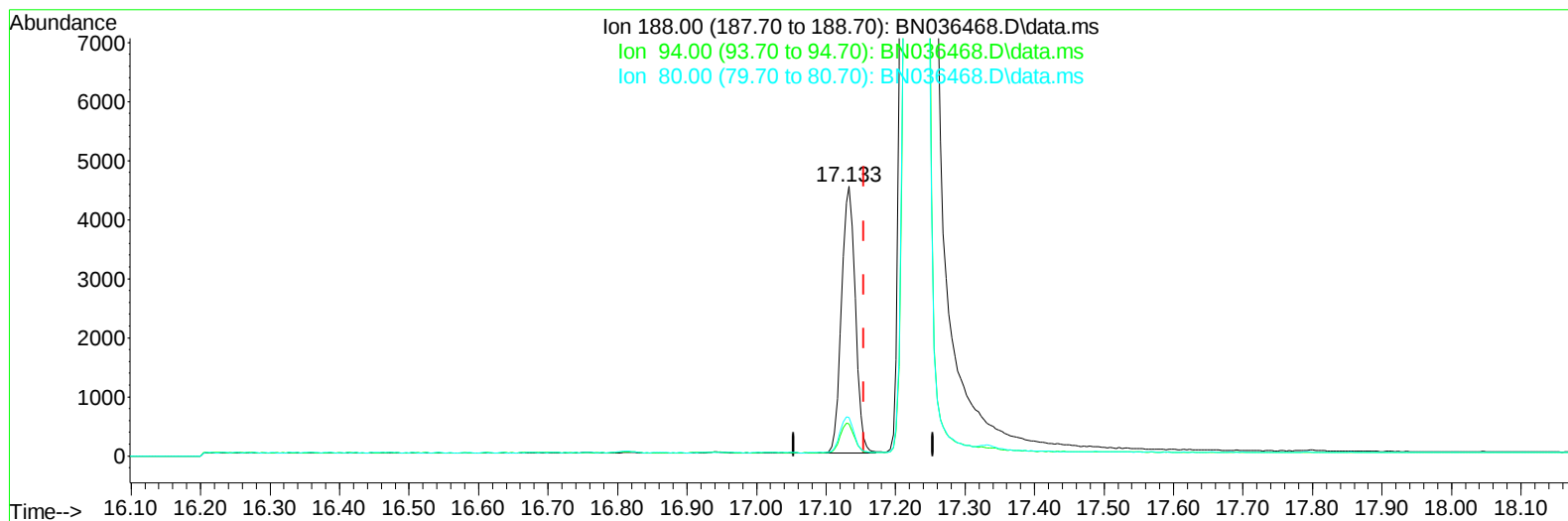
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TIC: BN036468.D\data.ms

(13) Phenanthrene-d10 (I)

17.133min (-0.021) 0.40 ng/ul m

response 6215

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	11.88
80.00	10.90	14.38#
0.00	0.00	0.00

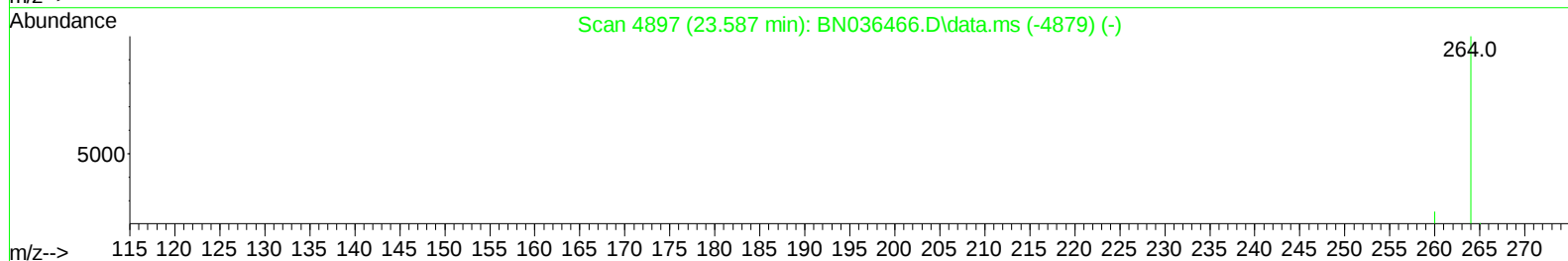
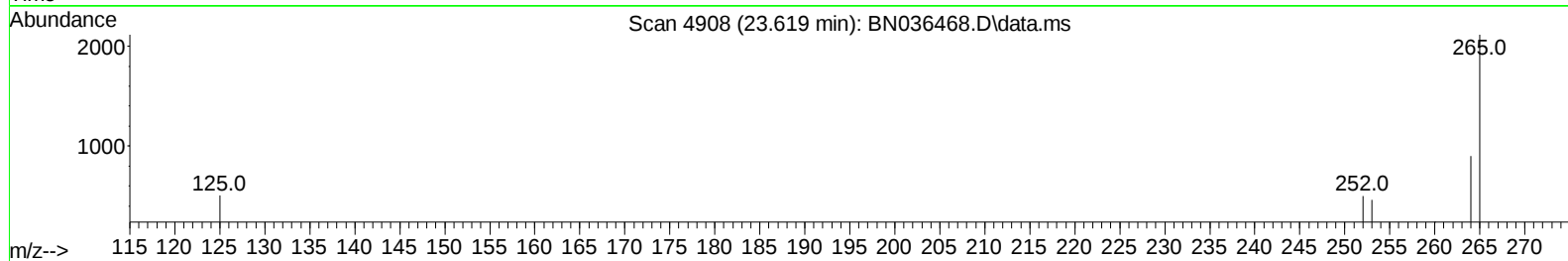
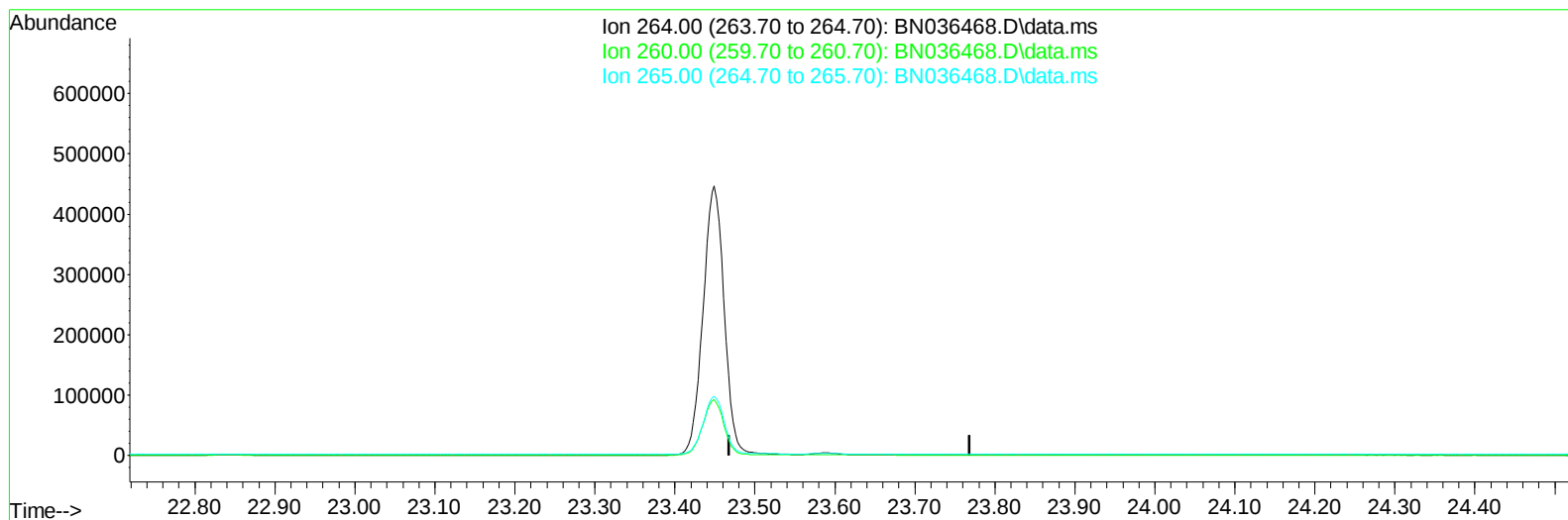
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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TIC: BN036468.D\data.ms

(23) Perylene-d12 (I)

23.619min (-23.619) 0.00 ng/u1

response 0

Ion	Exp%	Act%
264.00	100.00	0.00
260.00	26.80	0.00#
265.00	53.20	0.00#
0.00	0.00	0.00

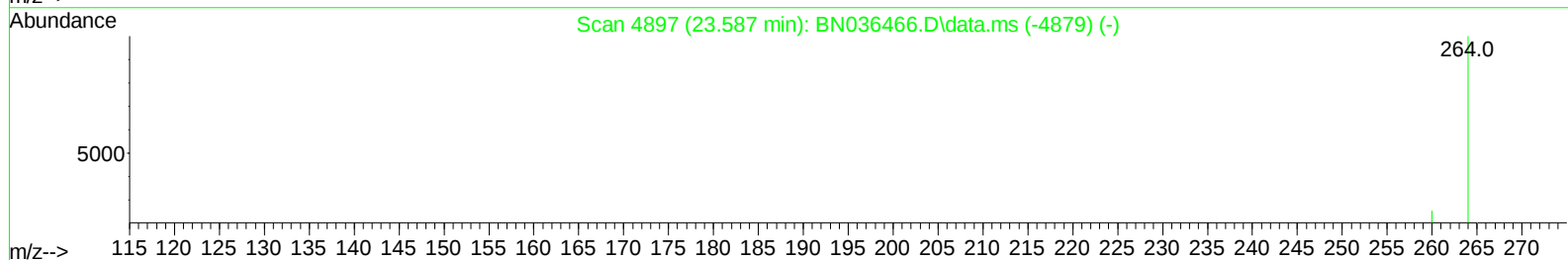
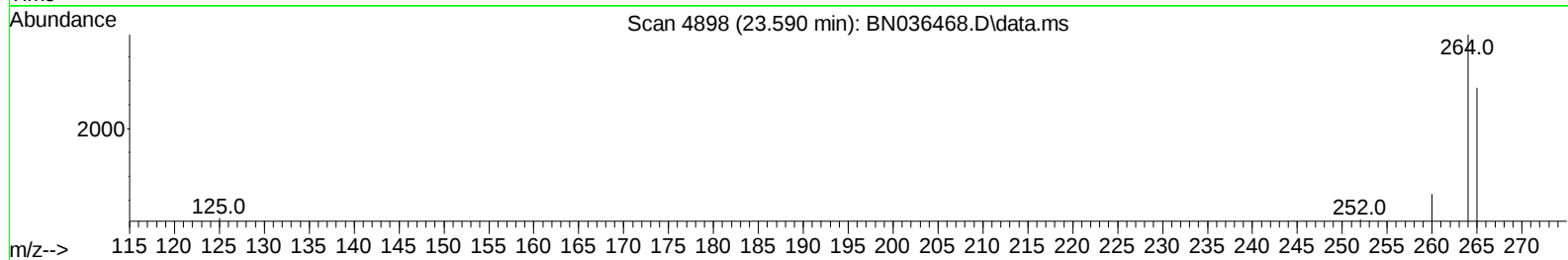
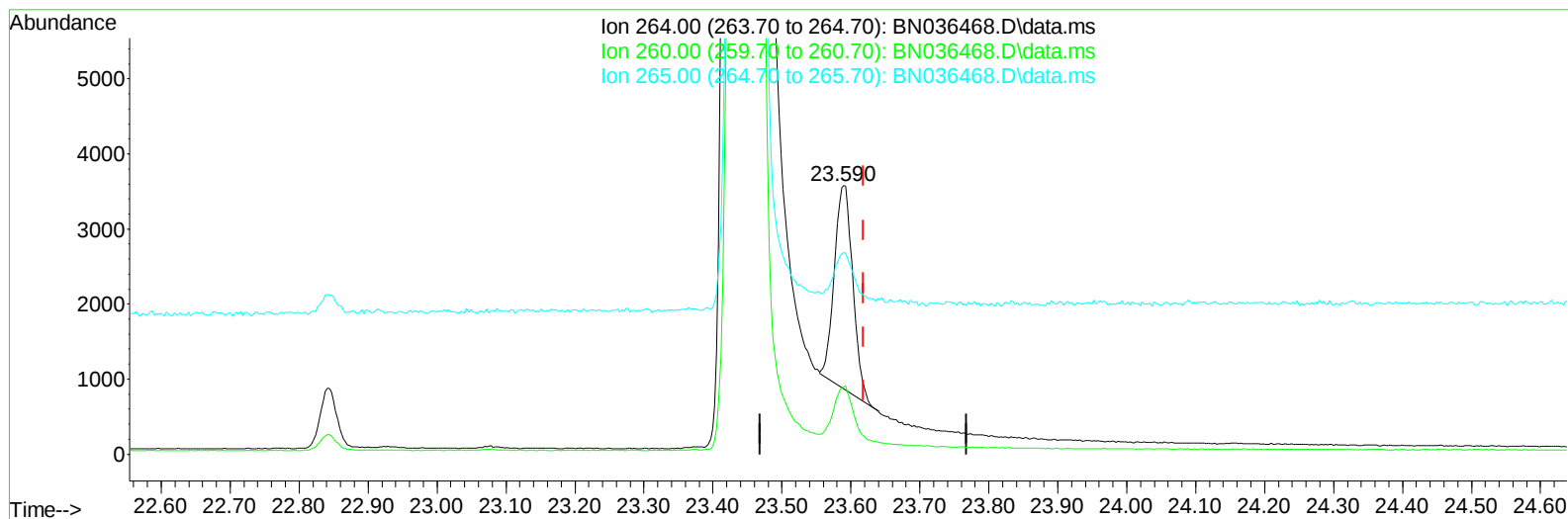
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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TIC: BN036468.D\data.ms

(23) Perylene-d12 (I)

23.590min (-0.029) 0.40 ng/ul m

response 5012

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	25.20
265.00	53.20	75.08#
0.00	0.00	0.00

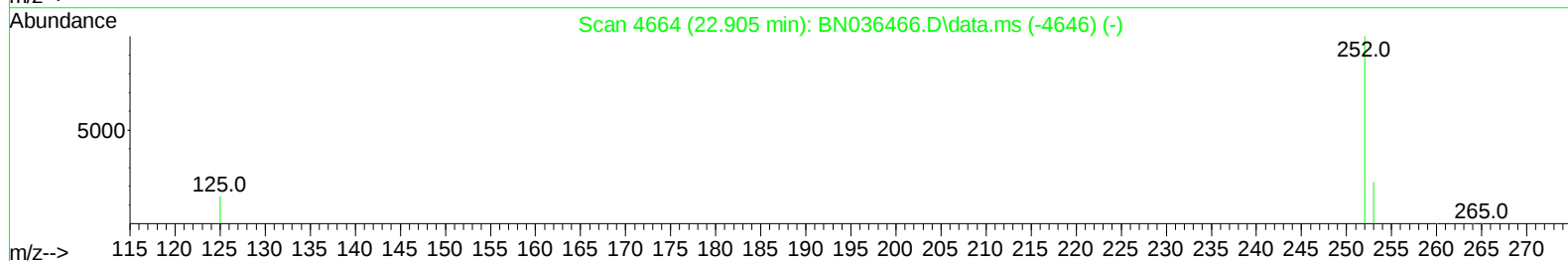
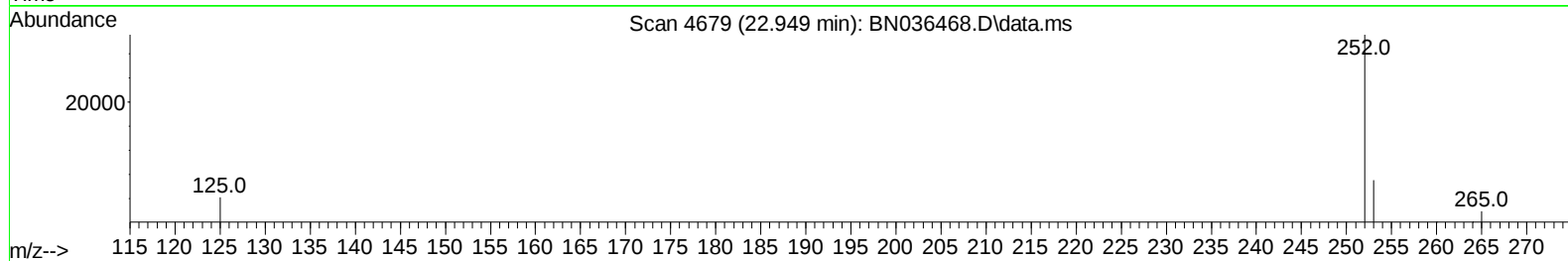
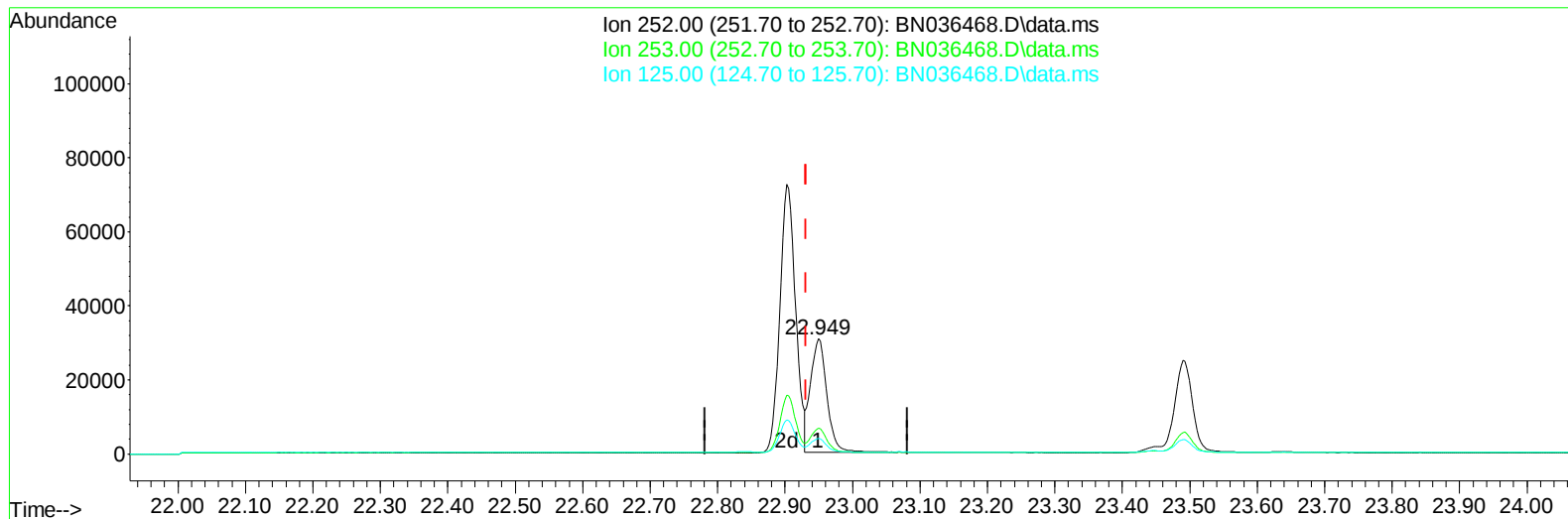
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Operator : RC/JU
Sample : Q1247-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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TIC: BN036468.D\data.ms

(24) Benzo(b)fluoranthene

22.949min (+ 0.018) 3.10 ng/u1

response 51883

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.60	22.64
125.00	13.90	13.42
0.00	0.00	0.00

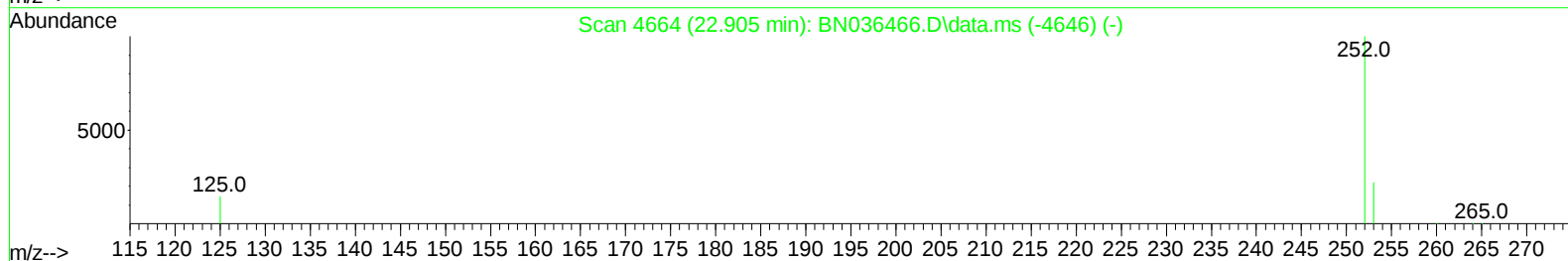
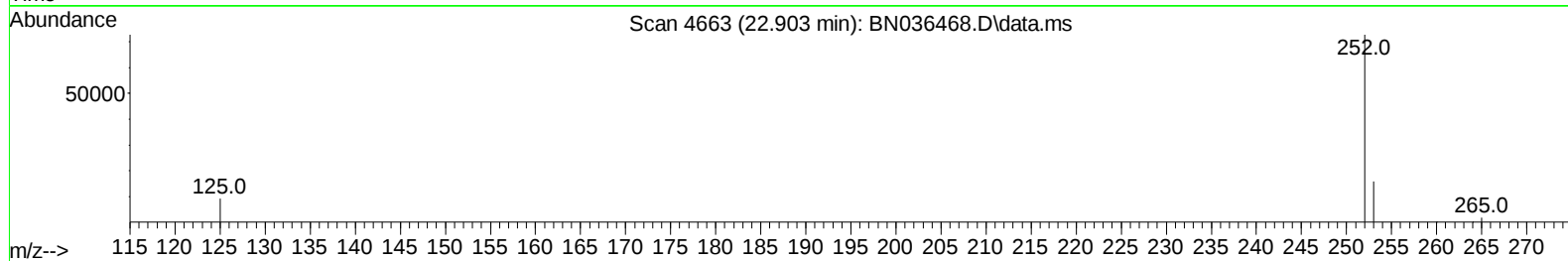
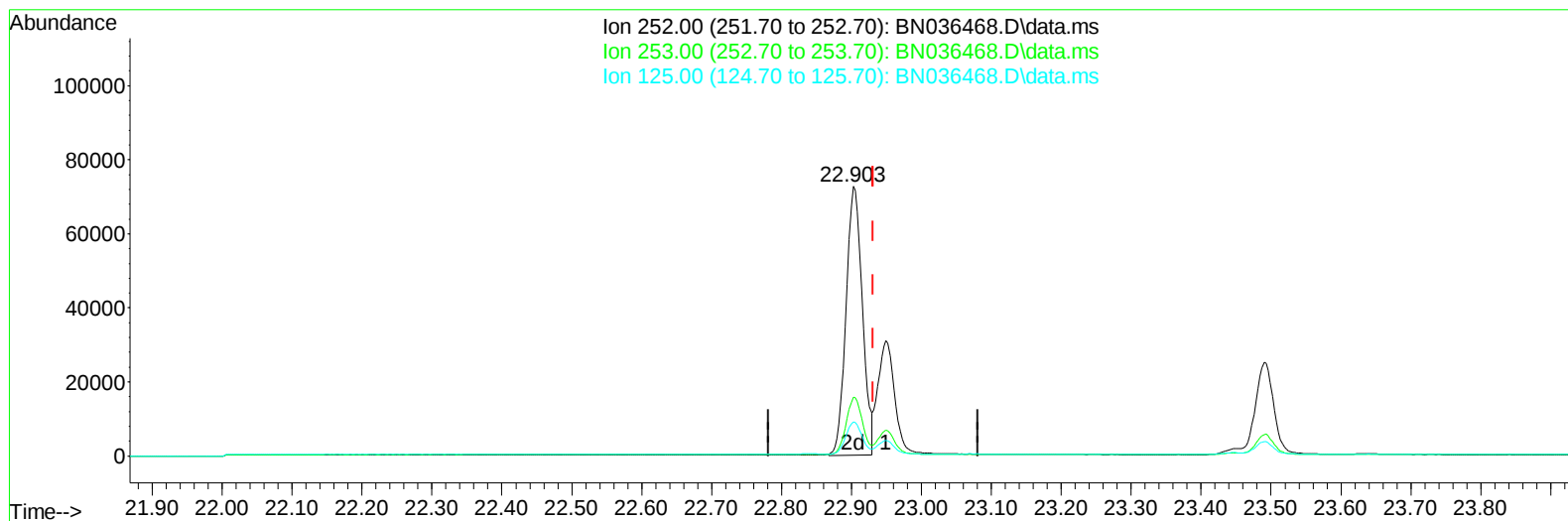
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Sample : Q1247-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 02/20/2025
Supervised By :mohammad ahmed 02/20/2025



TIC: BN036468.D\data.ms

(24) Benzo(b)fluoranthene

22.903min (-0.029) 7.06 ng/u1 m

response 118152

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.60	21.83
125.00	13.90	12.74
0.00	0.00	0.00

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 Sample : Q1247-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/20/2025
 Supervised By :mohammad ahmed 02/20/2025

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	1662	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.535	136	4429	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.386	164	2983	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.133	188	6215m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.322	240	6208	0.400	ng/ul	#-0.02
23) Perylene-d12	23.590	264	5012m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	12884	7.080	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	12.135	152	2640	0.472	ng/ul	-0.02
18) Fluoranthene-d10	19.161	212	7886	0.462	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.584	128	35969	2.948	ng/ul	97
10) Acenaphthylene	14.104	152	246814	17.554	ng/ul	96
11) Acenaphthene	14.451	153	163017	15.752	ng/ul	96
12) Fluorene	15.436	166	35387	3.096	ng/ul	99
15) Phenanthrene	17.171	178	103783	5.703	ng/ul	97
16) Anthracene	17.264	178	106400	6.290	ng/ul	98
19) Fluoranthene	19.193	202	103311	4.379	ng/ul	97
20) Pyrene	19.556	202	114078	4.632	ng/ul#	94
21) Benzo(a)anthracene	21.304	228	47422	2.140	ng/ul	99
22) Chrysene	21.359	228	34907	1.542	ng/ul	99
24) Benzo(b)fluoranthene	22.903	252	118152m	7.064	ng/ul	
25) Benzo(k)fluoranthene	22.949	252	52776	3.001	ng/ul	96
26) Benzo(a)pyrene	23.490	252	45452	3.009	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.890	276	37991	1.902	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.903	278	38225	2.483	ng/ul	95
29) Benzo(g,h,i)perylene	26.591	276	33595	2.165	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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