

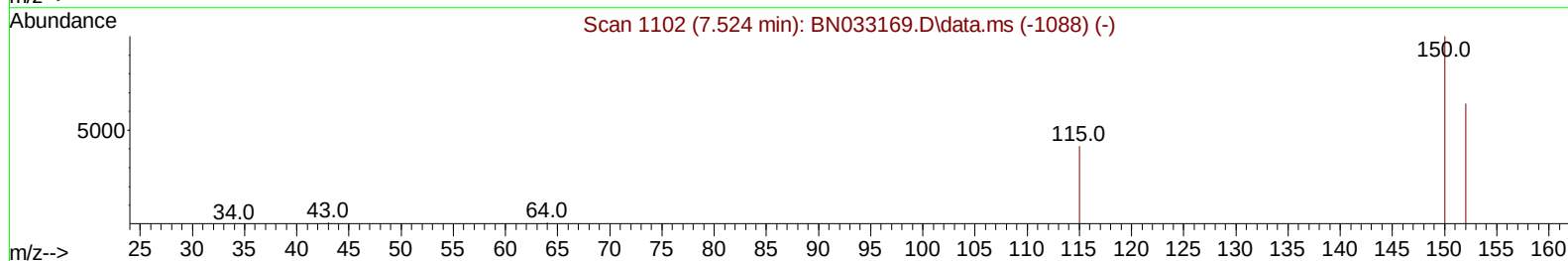
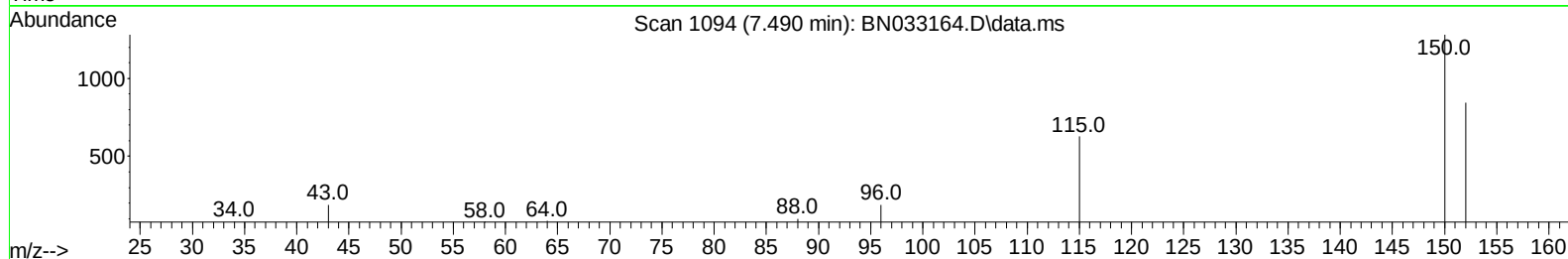
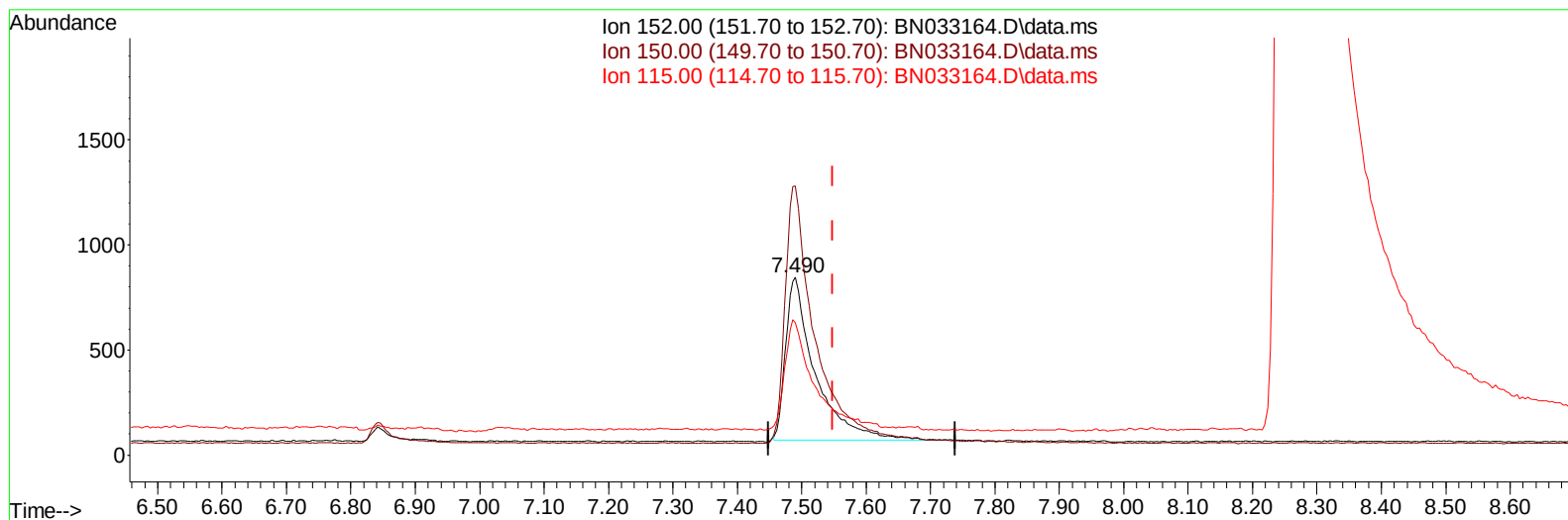
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033164.D
Acq On : 01 Aug 2024 11:56
Operator : MA/JU
Sample : P3265-09DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D42DL

Manual IntegrationsAPPROVED

Quant Time: Aug 01 12:26:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/02/2024
Supervised By :mohammad ahmed 08/13/2024



TIC: BN033164.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.490min (-0.059) 0.40 ng/ul

response 2444

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	143.10	151.30
115.00	84.50	74.23
0.00	0.00	0.00

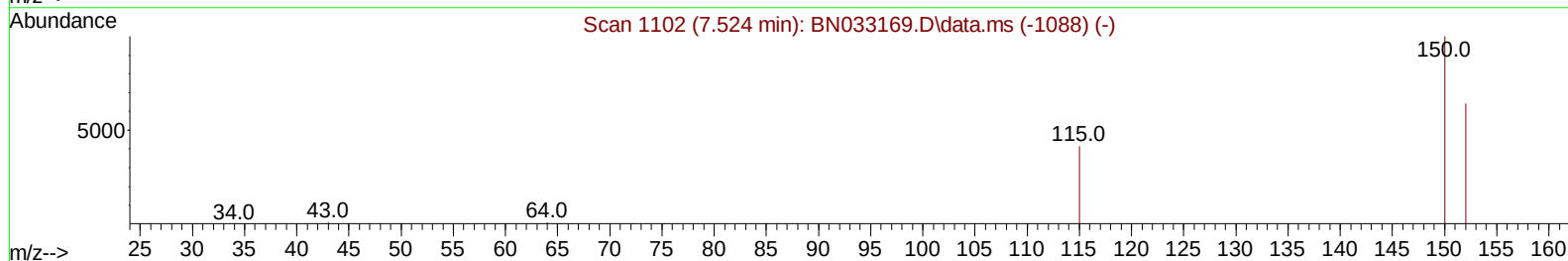
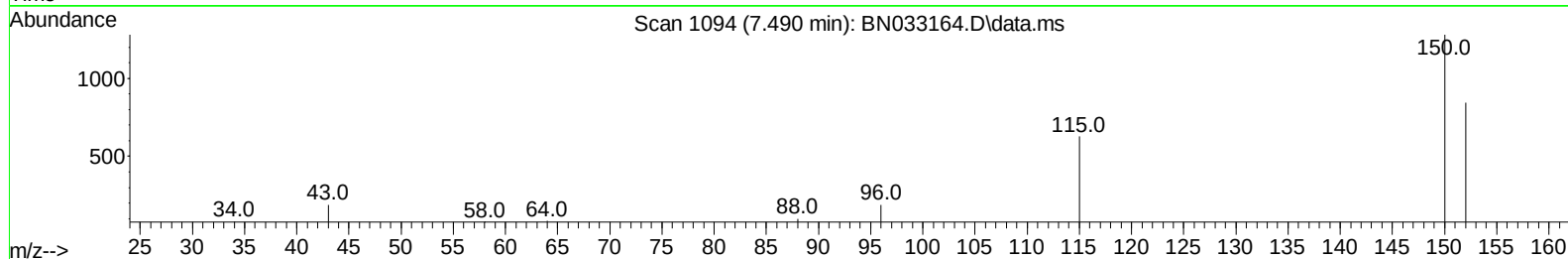
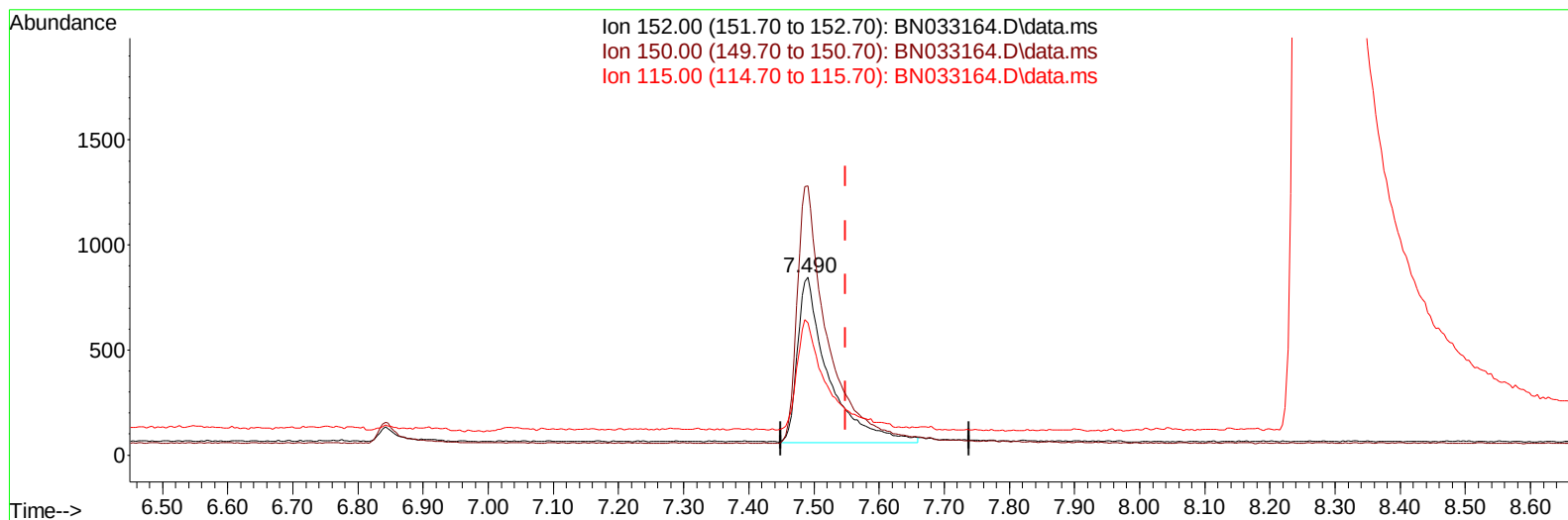
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Instrument :
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ClientSampleId :
A4D42DL

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TIC: BN033164.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.490min (-0.059) 0.40 ng/ul m

response 2586

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	143.10	151.30
115.00	84.50	74.23
0.00	0.00	0.00

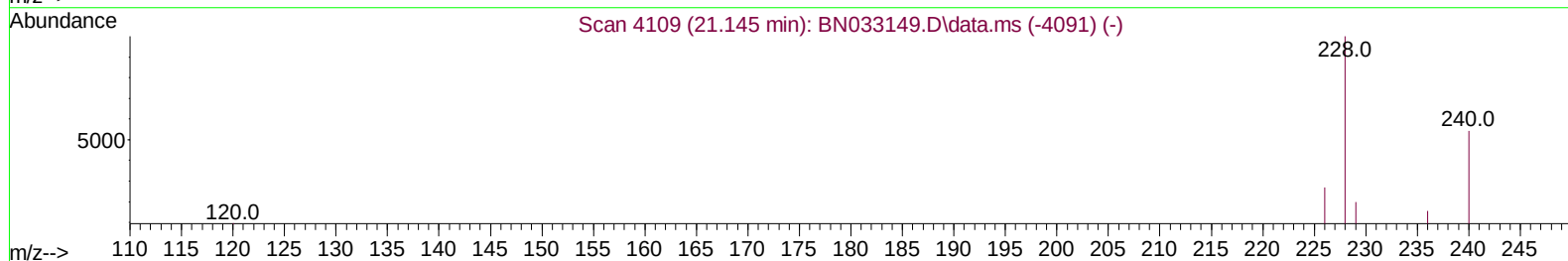
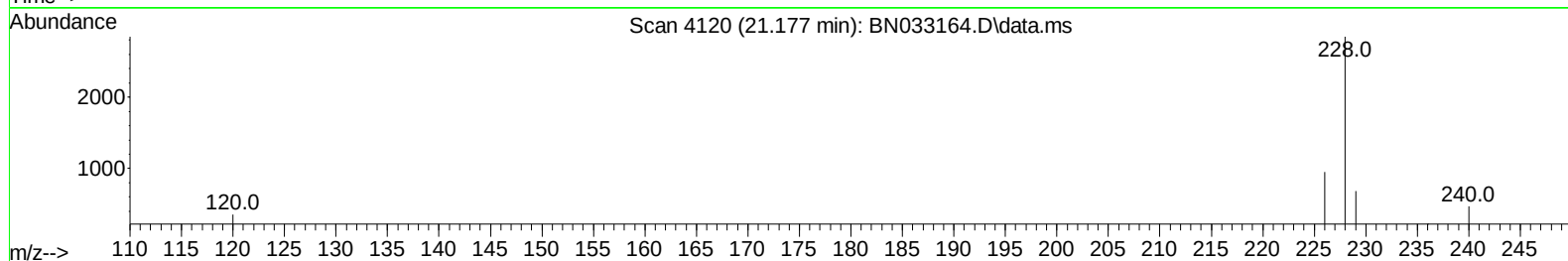
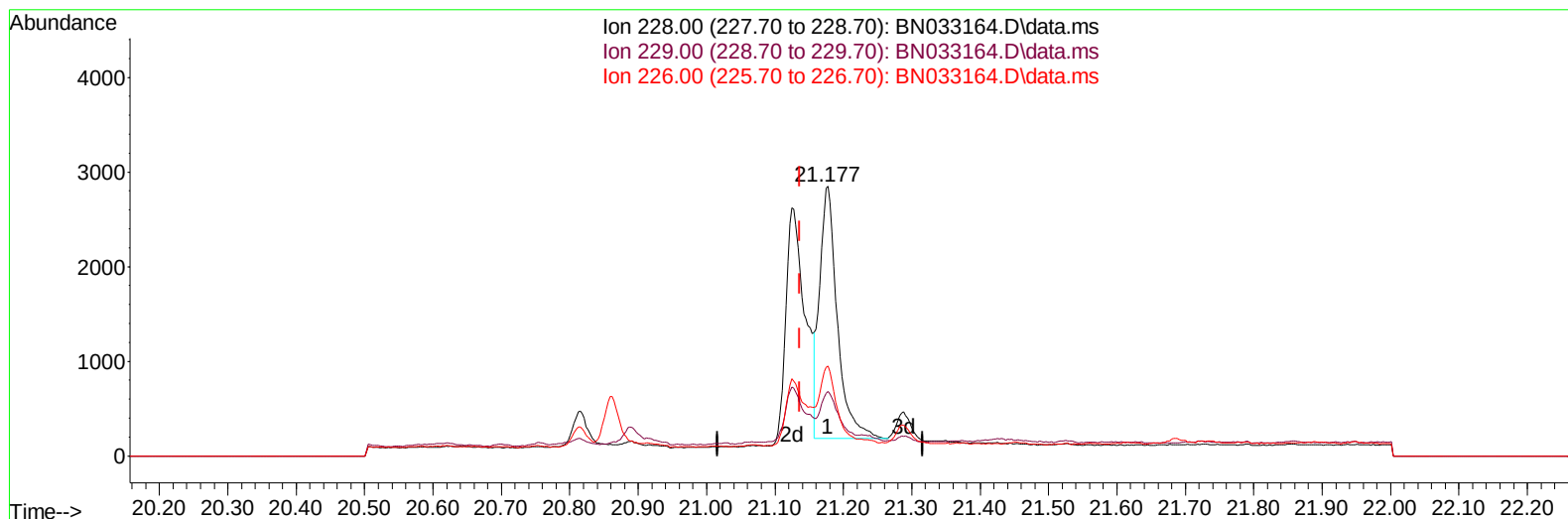
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TIC: BN033164.D\data.ms

(21) Benzo(a)anthracene

21.177min (+ 0.041) 0.18 ng/u1

response 4791

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	21.40	24.05
226.00	28.00	33.32
0.00	0.00	0.00

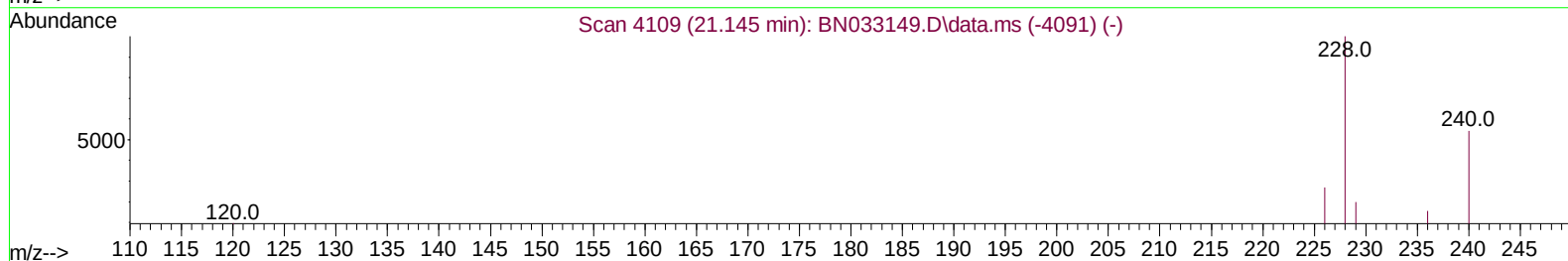
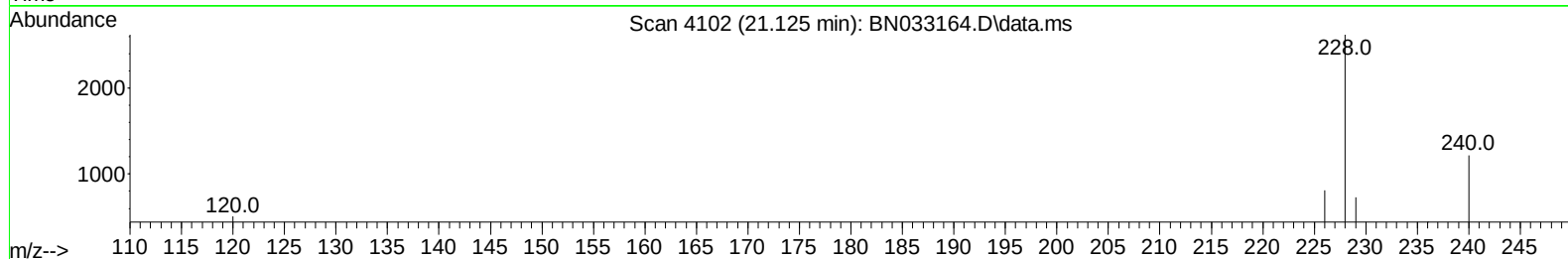
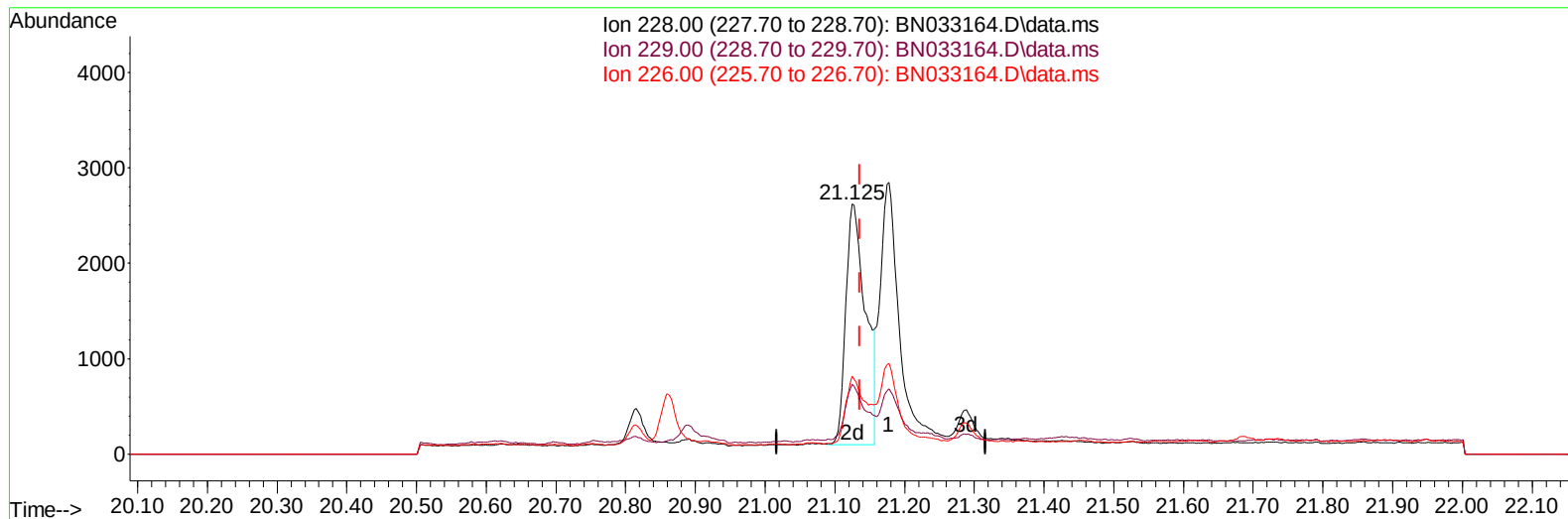
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033164.D
Acq On : 01 Aug 2024 11:56
Operator : MA/JU
Sample : P3265-09DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D42DL

Manual IntegrationsAPPROVED

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TIC: BN033164.D\data.ms

(21) Benzo(a)anthracene

21.125min (-0.012) 0.19 ng/u1 m

response 5012

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	21.40	27.89#
226.00	28.00	31.06
0.00	0.00	0.00

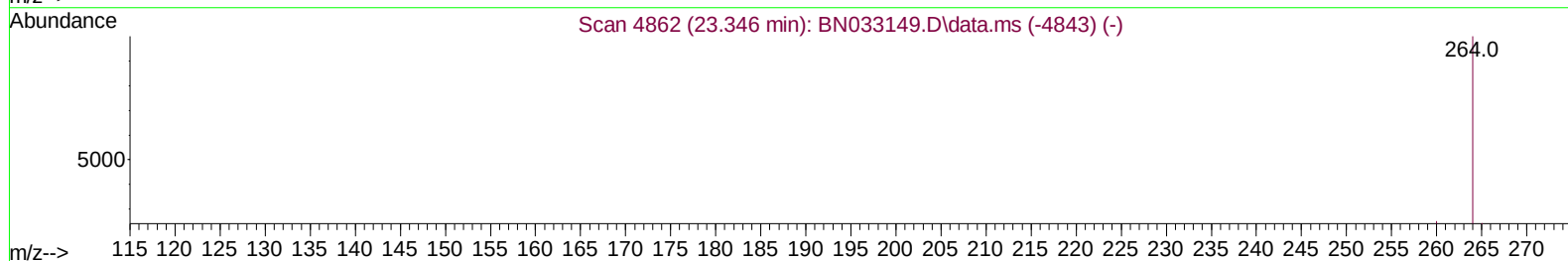
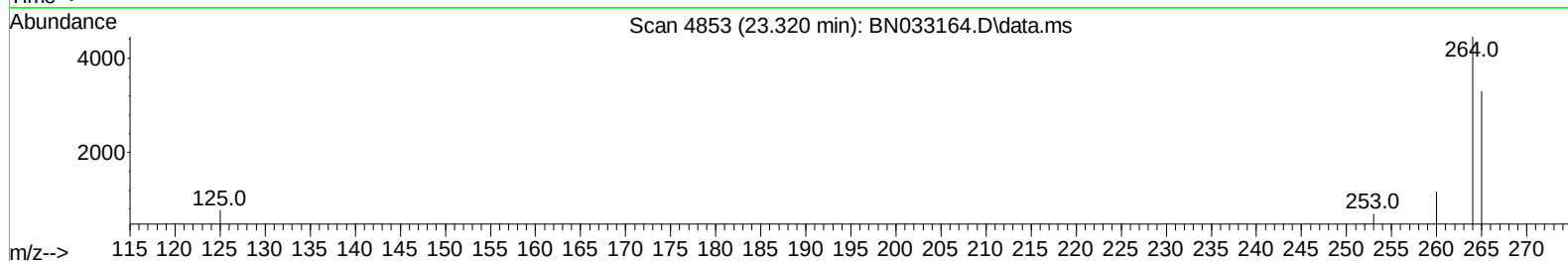
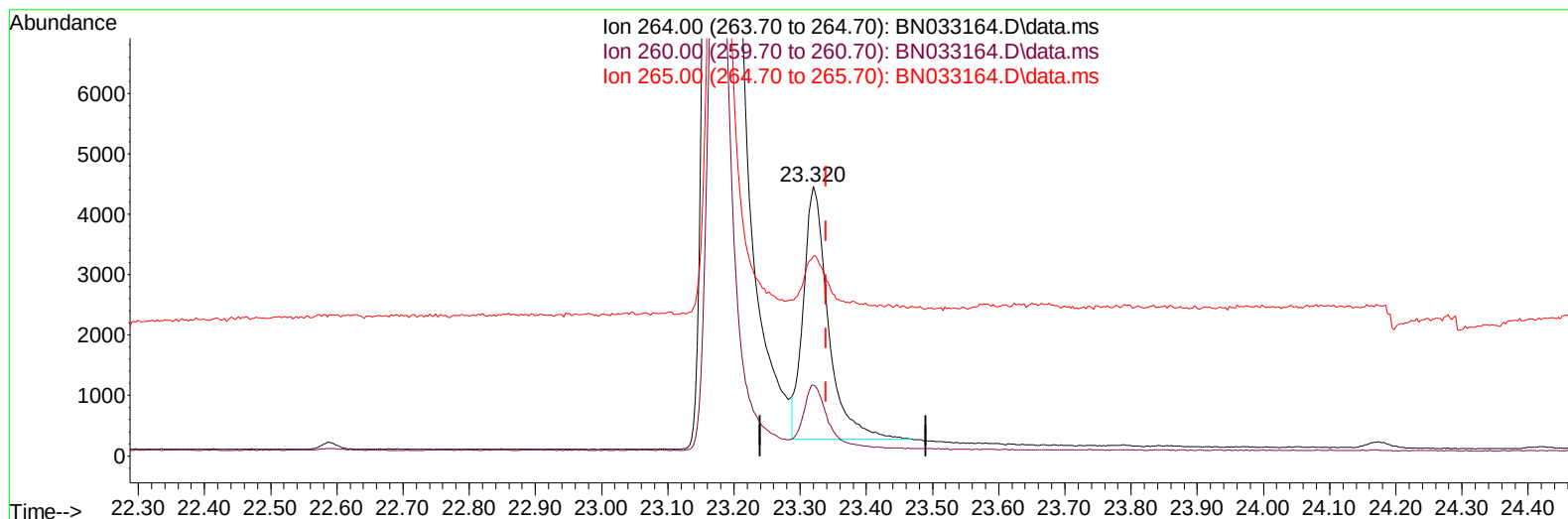
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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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TIC: BN033164.D\data.ms

(23) Perylene-d12 (I)

23.320min (-0.020) 0.40 ng/u1

response 10802

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.36
265.00	80.60	74.07
0.00	0.00	0.00

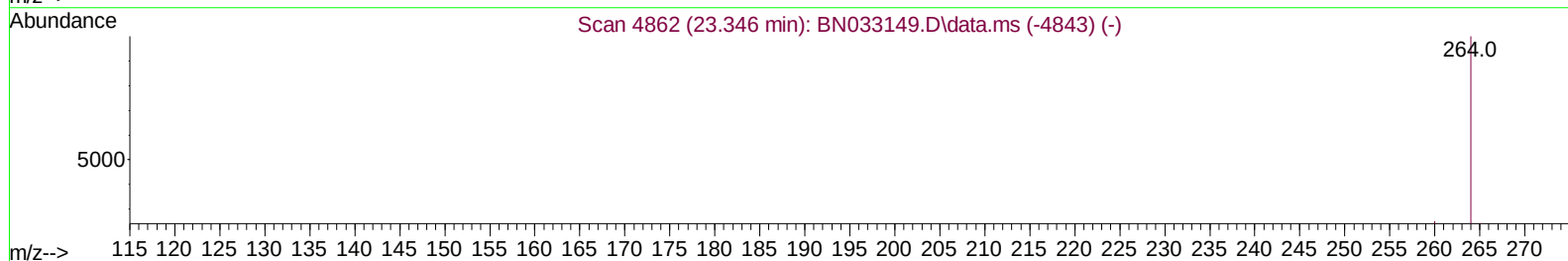
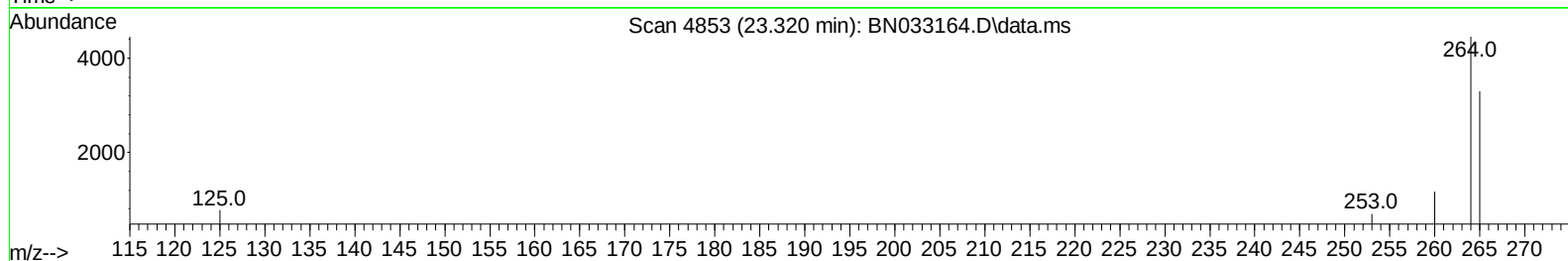
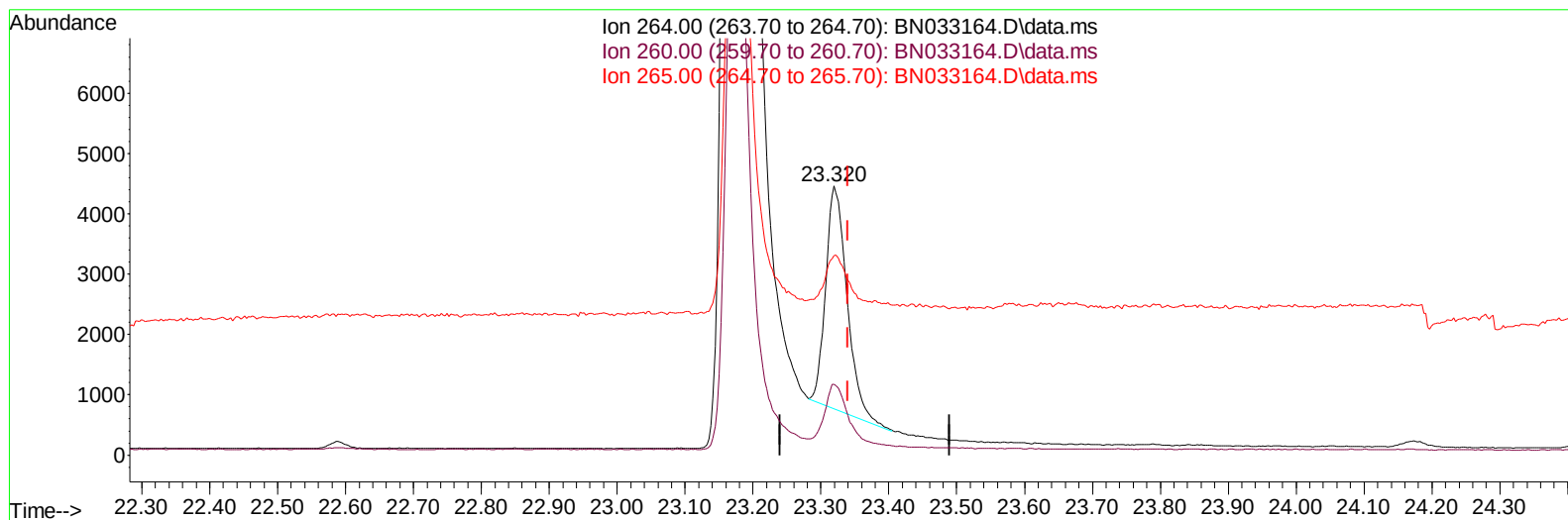
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080124\
Data File : BN033164.D
Acq On : 01 Aug 2024 11:56
Operator : MA/JU
Sample : P3265-09DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D42DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/02/2024
Supervised By :mohammad ahmed 08/13/2024

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TIC: BN033164.D\data.ms

(23) Perylene-d12 (I)

23.320min (-0.020) 0.40 ng/ul m

response 8059

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.36
265.00	80.60	74.07
0.00	0.00	0.00

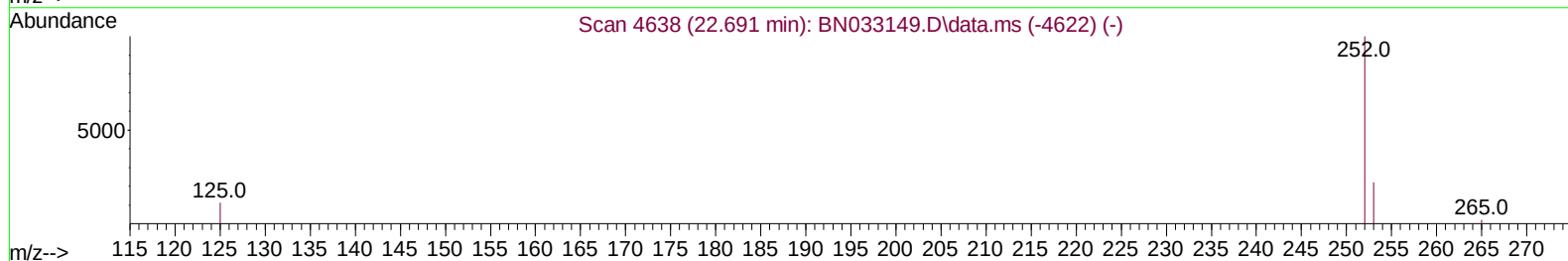
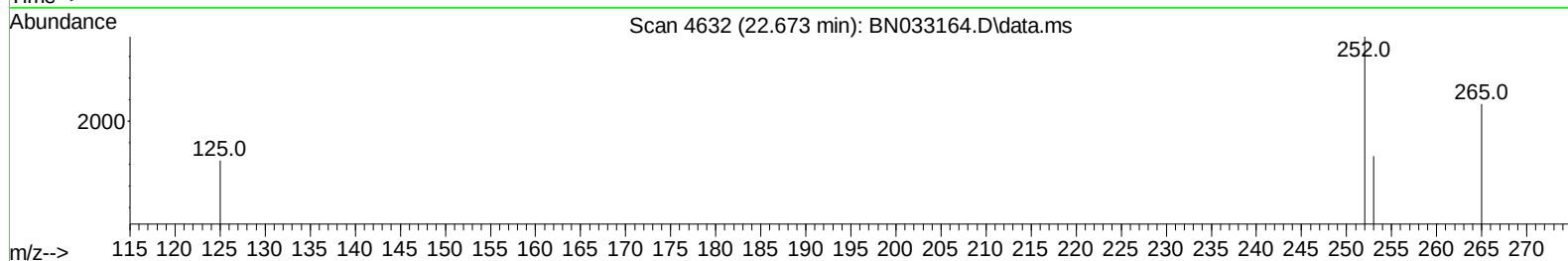
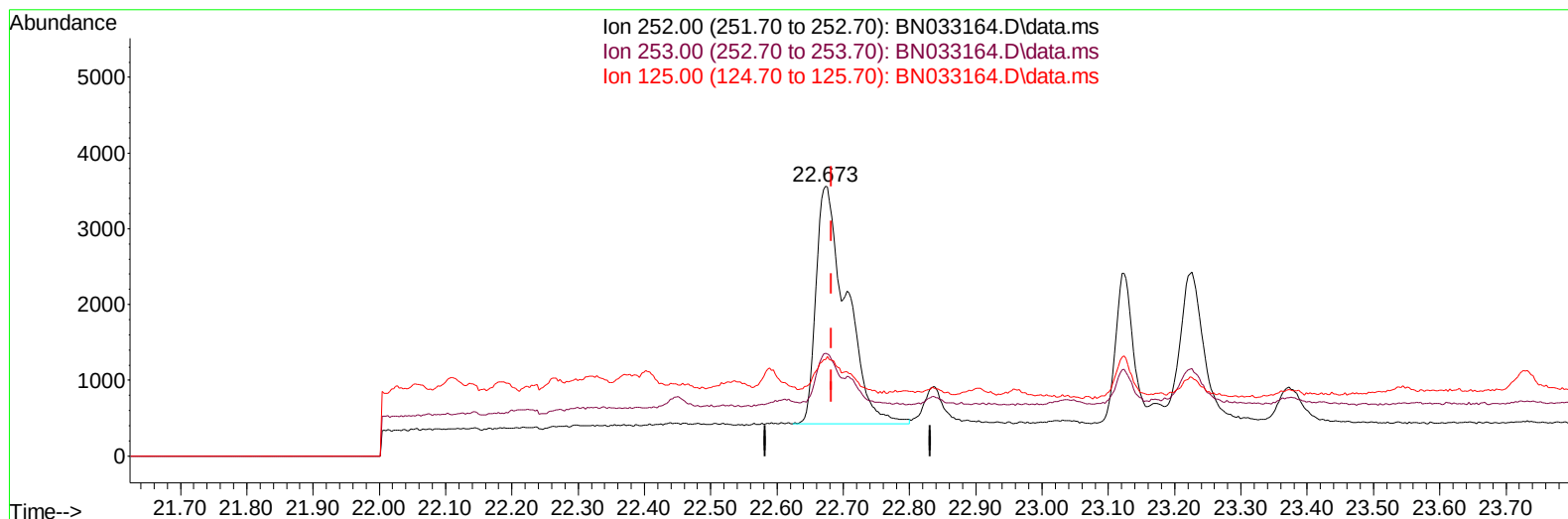
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Sample : P3265-09DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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TIC: BN033164.D\data.ms

(24) Benzo(b)fluoranthene

22.673min (-0.009) 0.42 ng/u1

response 9935

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	38.03
125.00	25.50	35.81
0.00	0.00	0.00

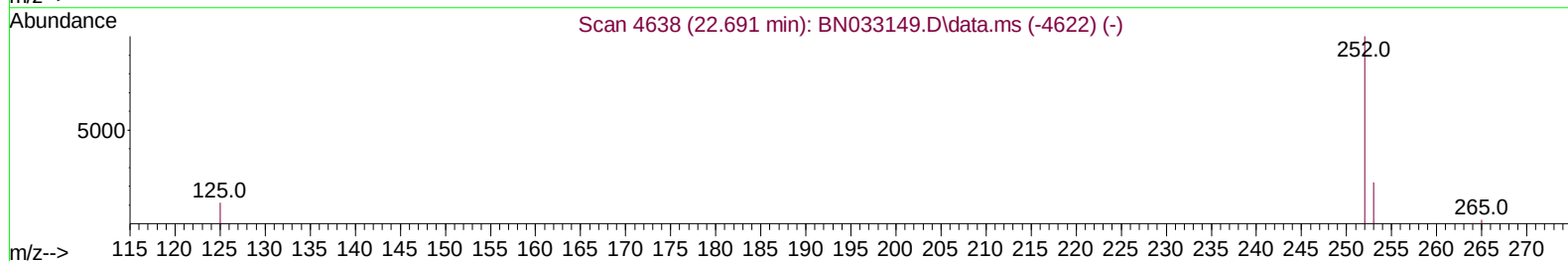
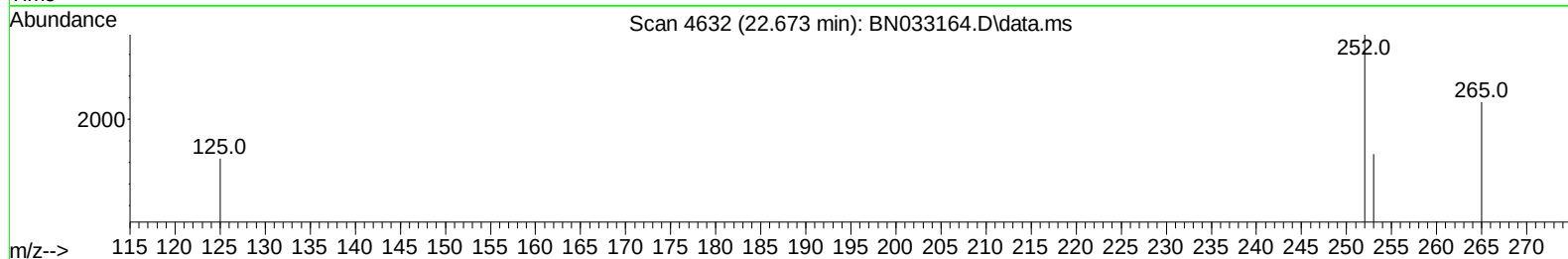
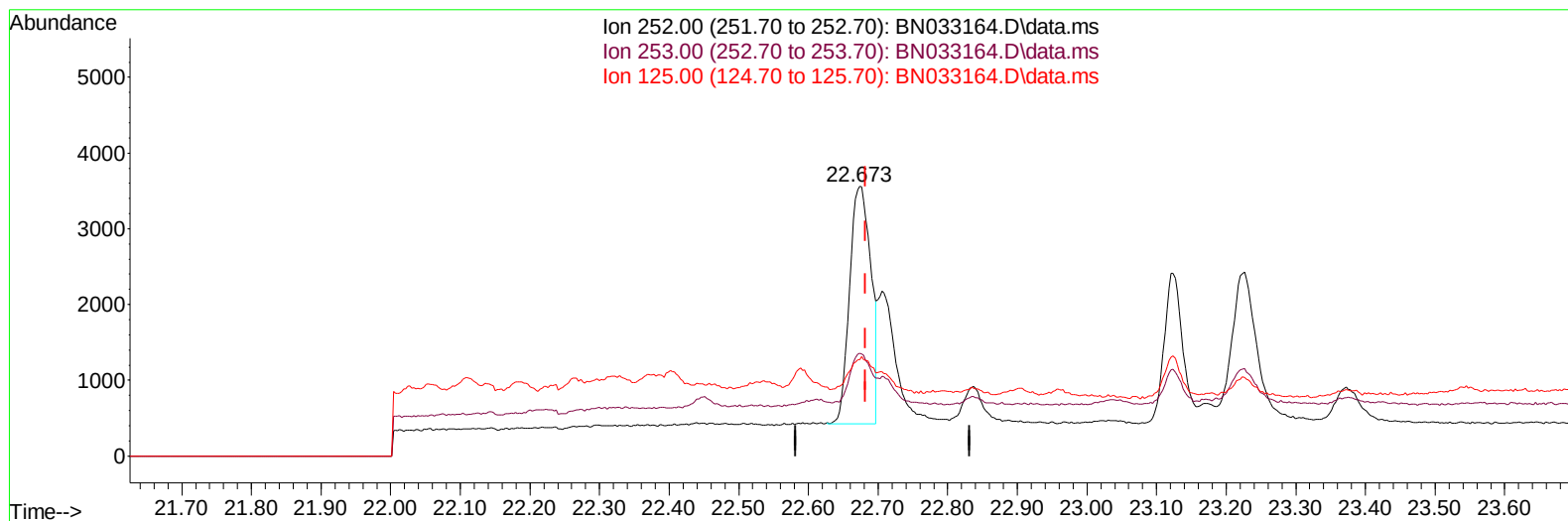
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Operator : MA/JU
Sample : P3265-09DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4D42DL

Manual IntegrationsAPPROVED

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TIC: BN033164.D\data.ms

(24) Benzo(b)fluoranthene

22.673min (-0.009) 0.28 ng/ul m

response 6684

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	38.03
125.00	25.50	35.81
0.00	0.00	0.00

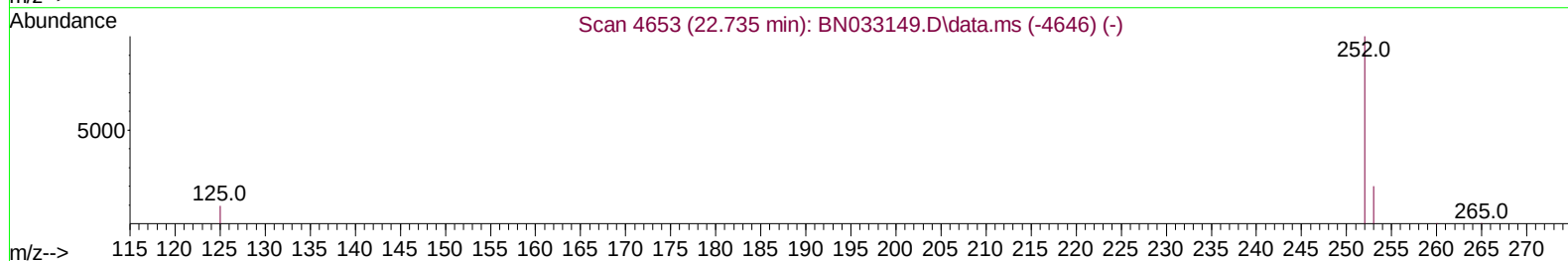
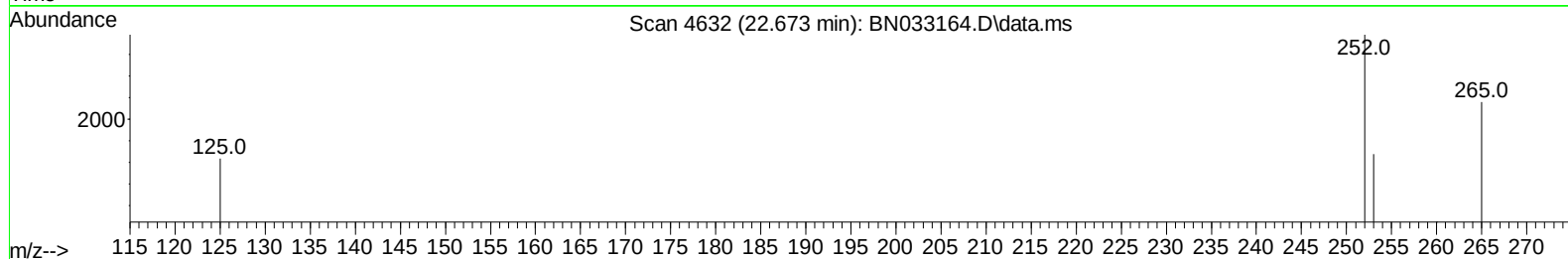
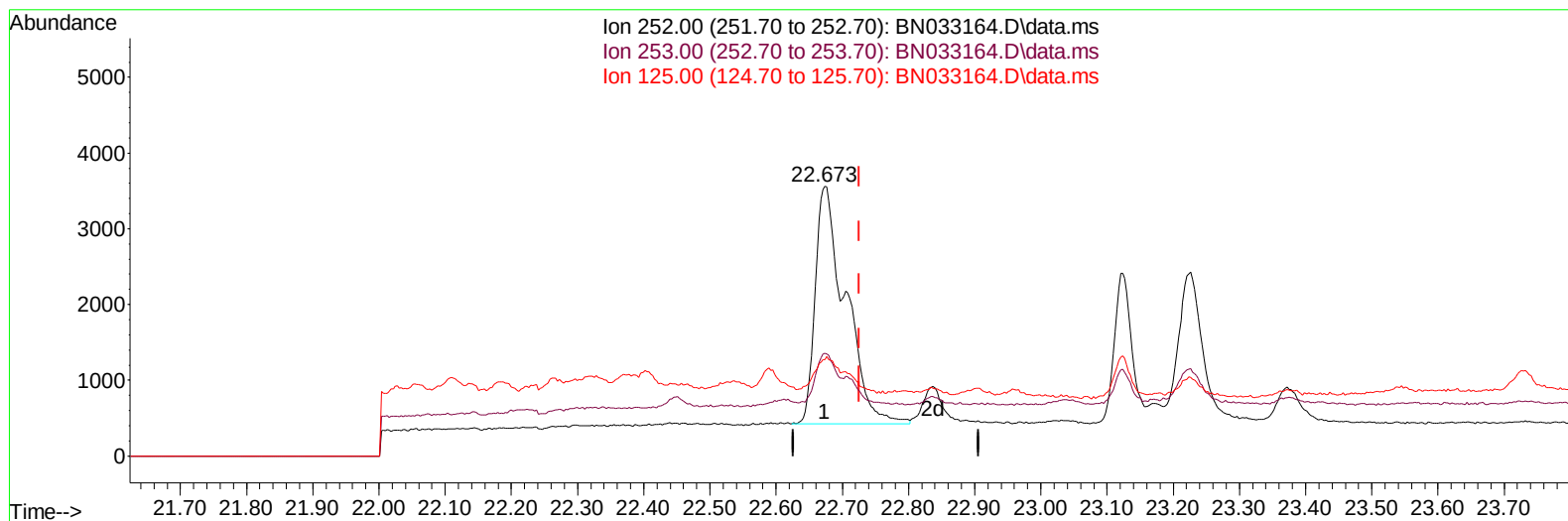
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Misc :
ALS Vial : 42 Sample Multiplier: 1

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TIC: BN033164.D\data.ms

(25) Benzo(k)fluoranthene

22.673min (-0.053) 0.35 ng/u1

response 9941

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	38.03#
125.00	26.10	35.81#
0.00	0.00	0.00

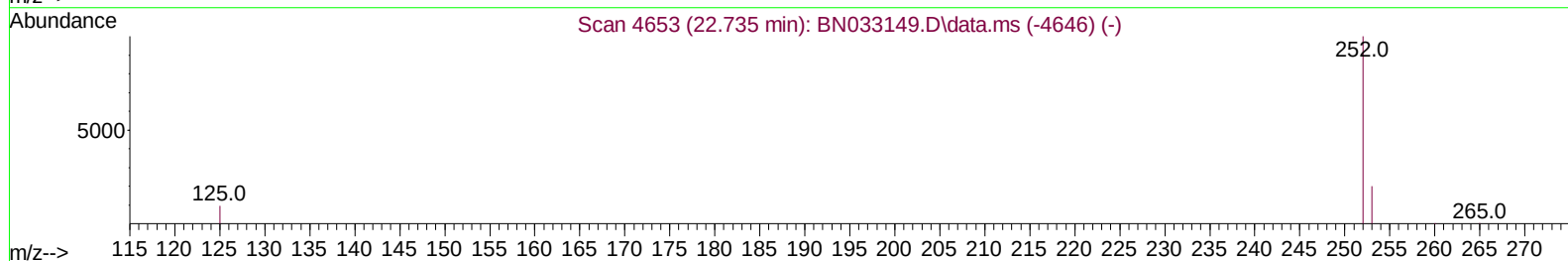
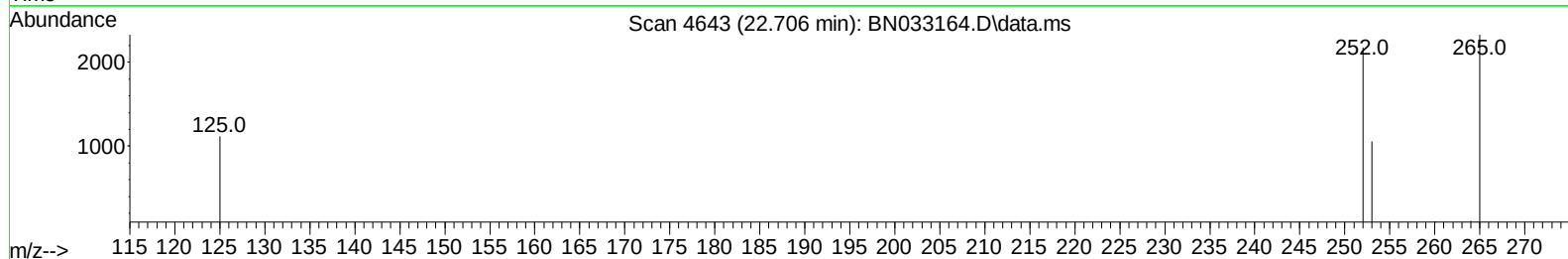
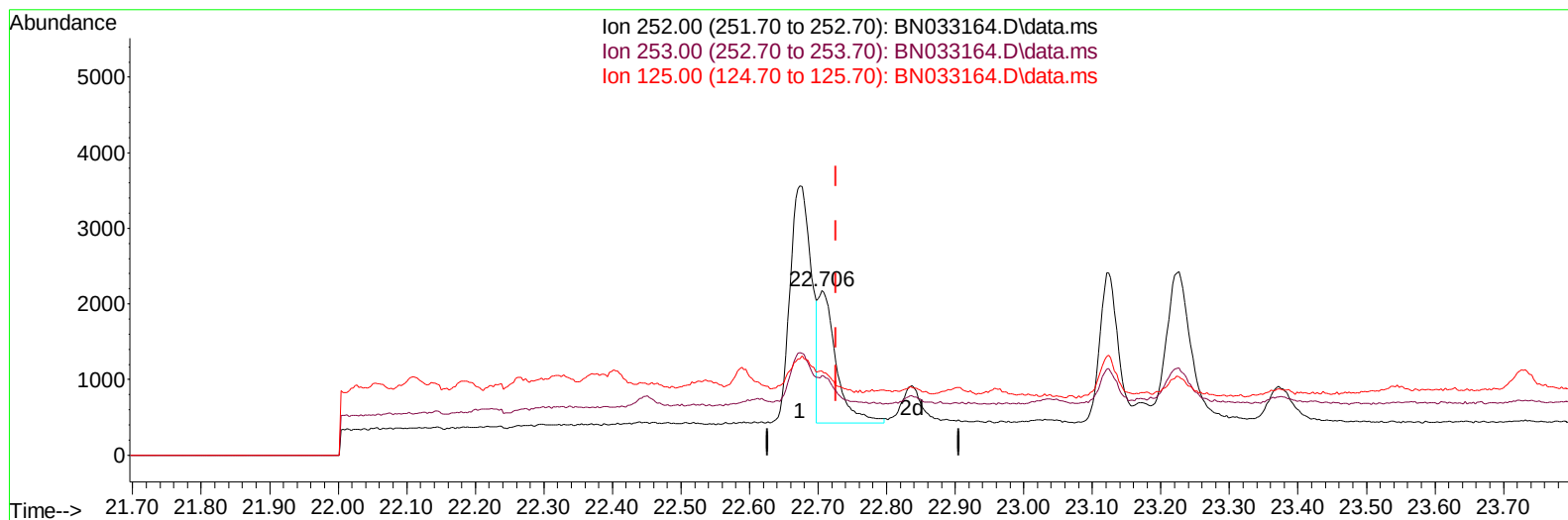
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Misc :
ALS Vial : 42 Sample Multiplier: 1

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TIC: BN033164.D\data.ms

(25) Benzo(k)fluoranthene

22.706min (-0.020) 0.12 ng/ul m

response 3247

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	48.41#
125.00	26.10	51.26#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 42 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.490	152	2586m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.262	136	7618	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.134	164	4514	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.907	188	9379	0.400	ng/ul	-0.03
17) Chrysene-d12	21.139	240	7918	0.400	ng/ul	-0.01
23) Perylene-d12	23.320	264	8059m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	2547	0.779	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.890	152	569	0.046	ng/ul	-0.04
18) Fluoranthene-d10	18.953	212	1327	0.059	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.856	152	381	0.021	ng/ul#	43
11) Acenaphthene	14.199	153	448	0.032	ng/ul#	93
12) Fluorene	15.207	166	535	0.033	ng/ul#	92
15) Phenanthrene	16.945	178	8669	0.345	ng/ul	98
16) Anthracene	17.042	178	2133	0.094	ng/ul#	85
19) Fluoranthene	18.981	202	12557	0.482	ng/ul	99
20) Pyrene	19.344	202	12377	0.443	ng/ul	98
21) Benzo(a)anthracene	21.125	228	5012m	0.186	ng/ul	
22) Chrysene	21.177	228	5176	0.164	ng/ul	95
24) Benzo(b)fluoranthene	22.673	252	6684m	0.284	ng/ul	
25) Benzo(k)fluoranthene	22.706	252	3247m	0.115	ng/ul	
26) Benzo(a)pyrene	23.226	252	4629	0.209	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.544	276	2902	0.086	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.527	278	664	0.025	ng/ul#	1
29) Benzo(g,h,i)perylene	26.214	276	2962	0.111	ng/ul#	83

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

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