

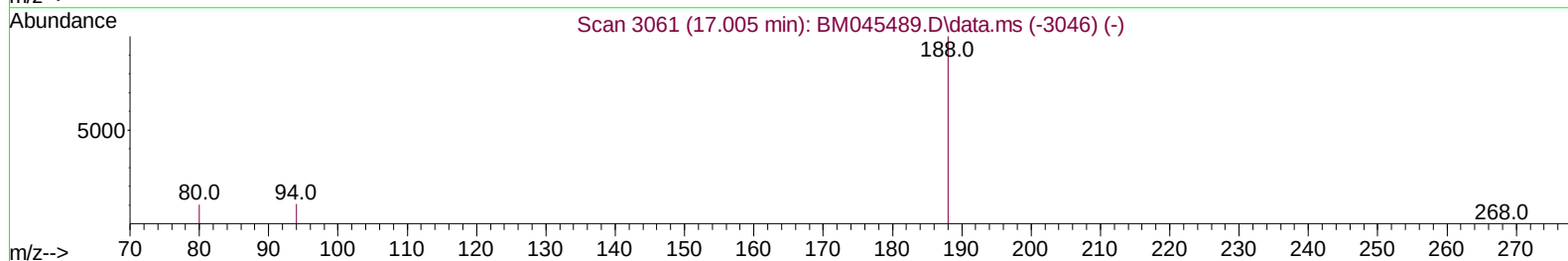
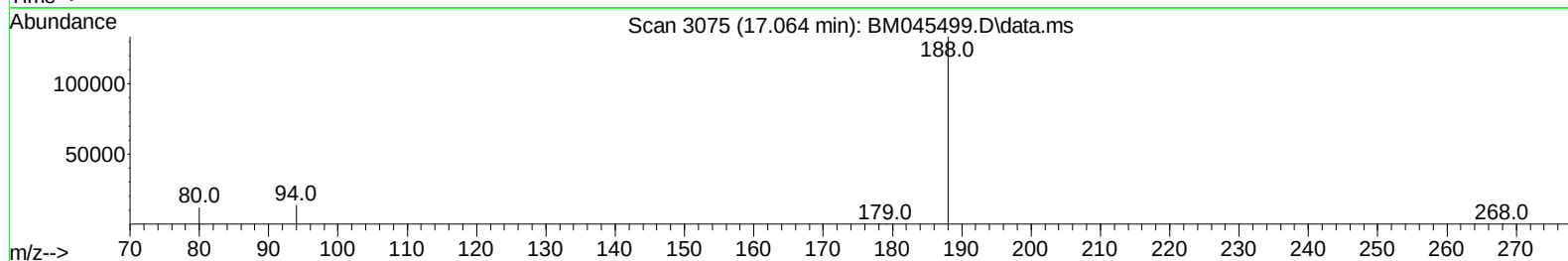
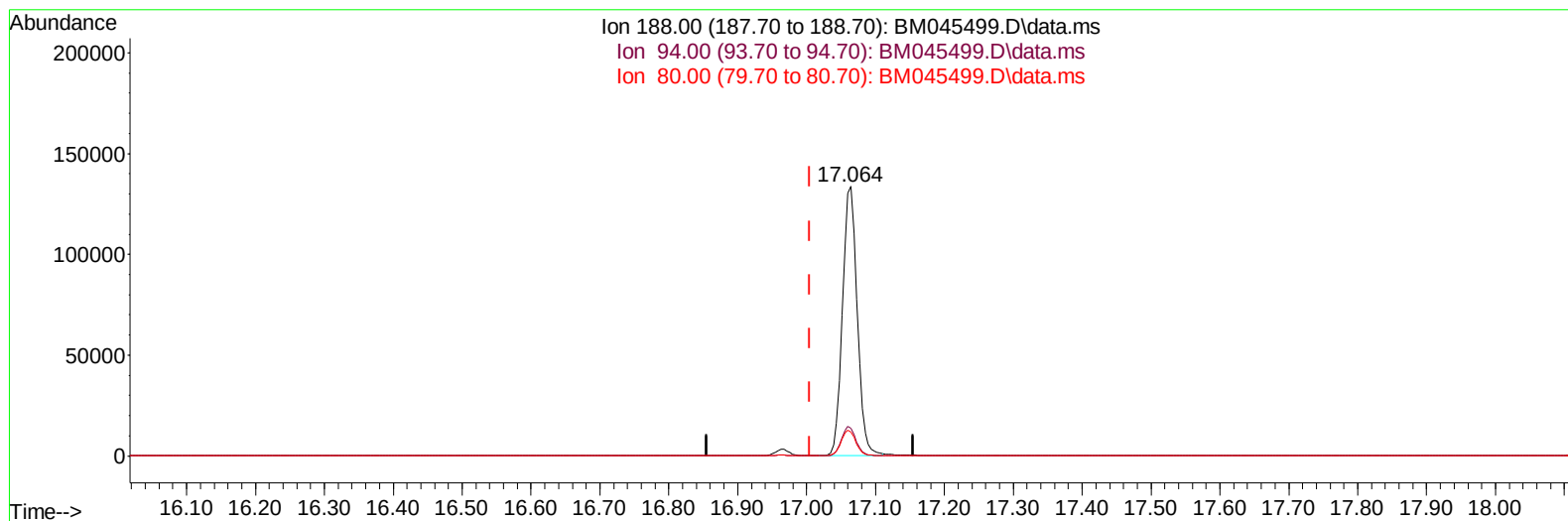
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045499.D
Acq On : 23 Apr 2024 03:17
Operator : MA/JU
Sample : P2037-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX7

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



TIC: BM045499.D\data.ms

(13) Phenanthrene-d10 (I)

17.064min (+ 0.059) 0.40 ng/u1

response 198402

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.19#
80.00	14.80	8.91#
0.00	0.00	0.00

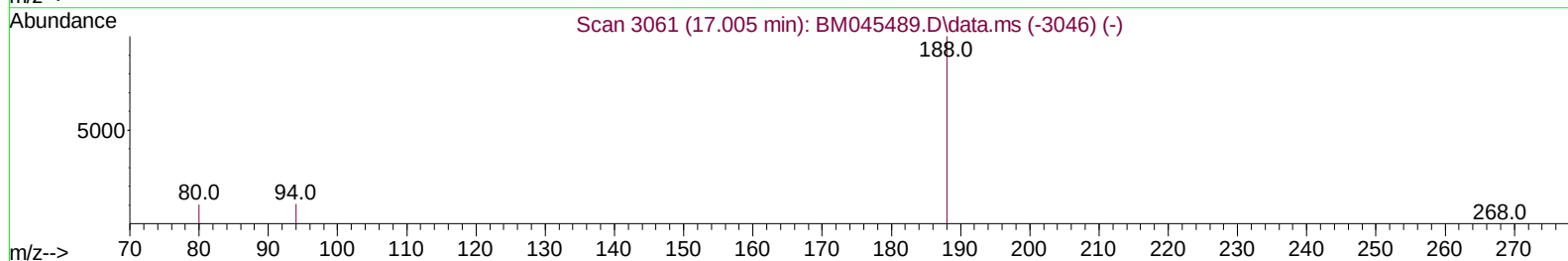
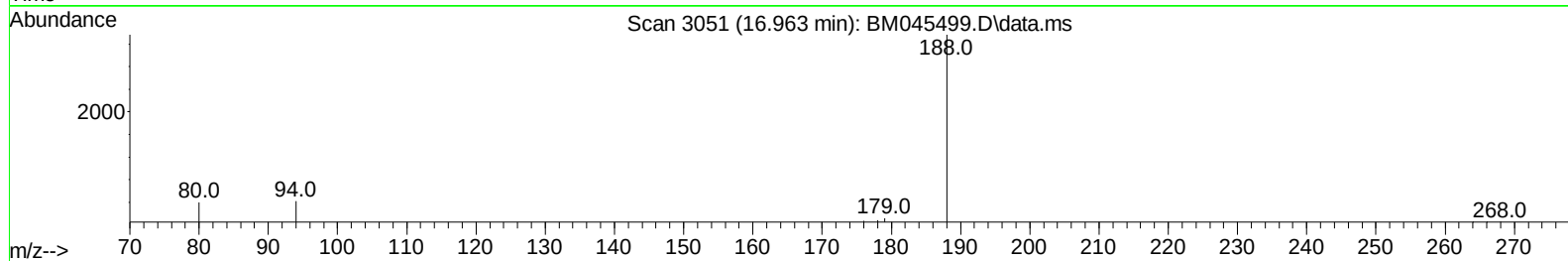
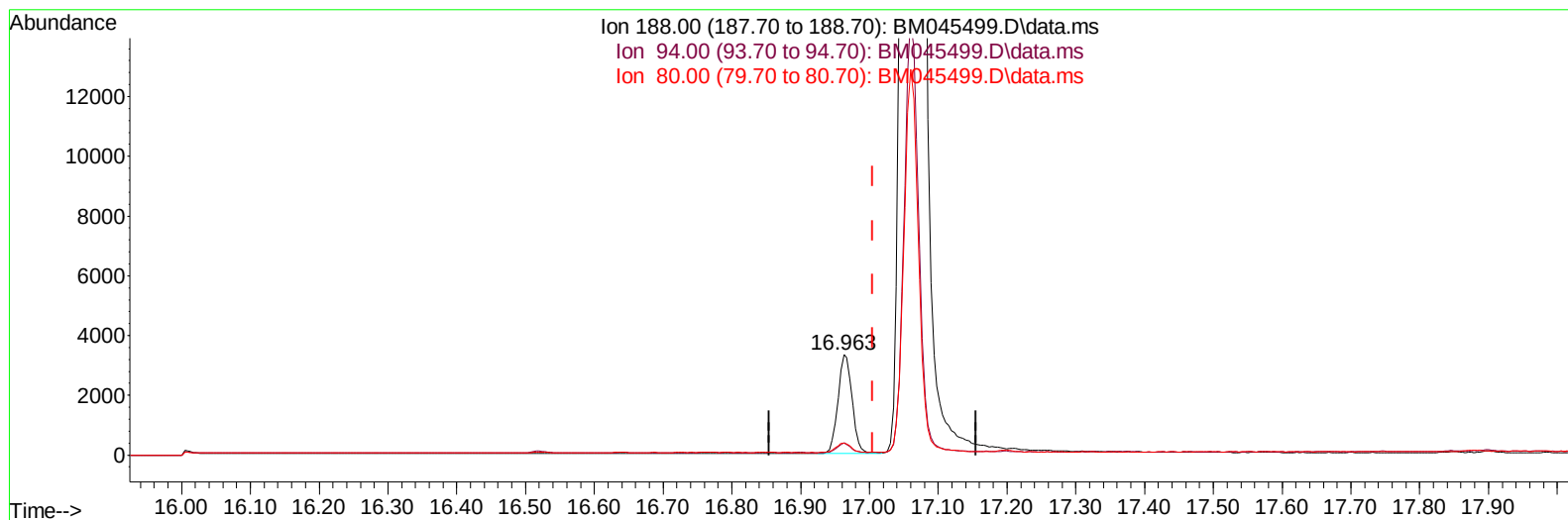
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045499.D
Acq On : 23 Apr 2024 03:17
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TIC: BM045499.D\data.ms

(13) Phenanthrene-d10 (I)

16.963min (-0.042) 0.40 ng/ul m

response 4700

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	12.55
80.00	14.80	11.83#
0.00	0.00	0.00

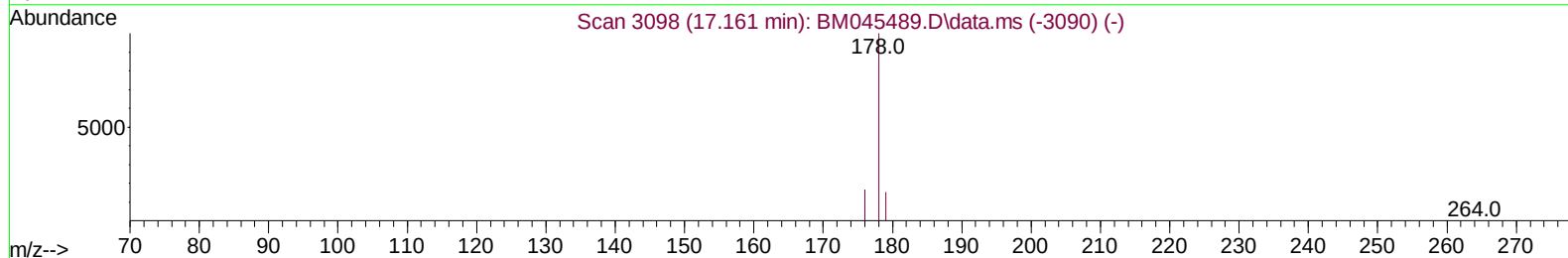
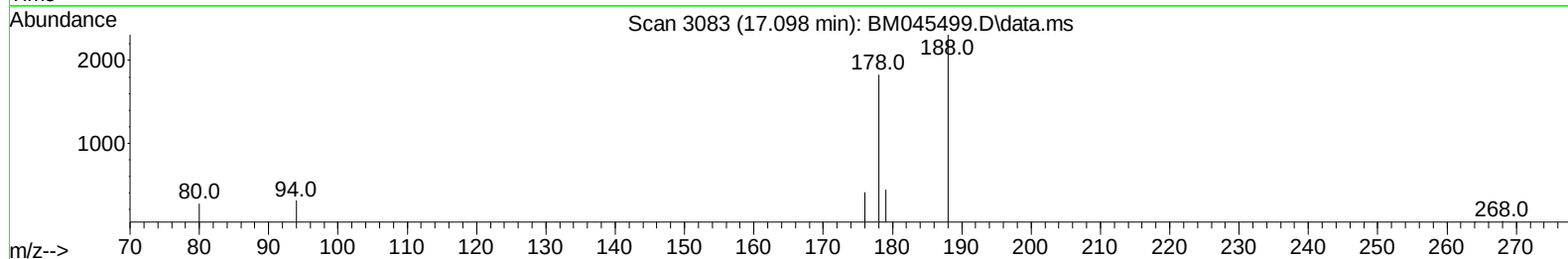
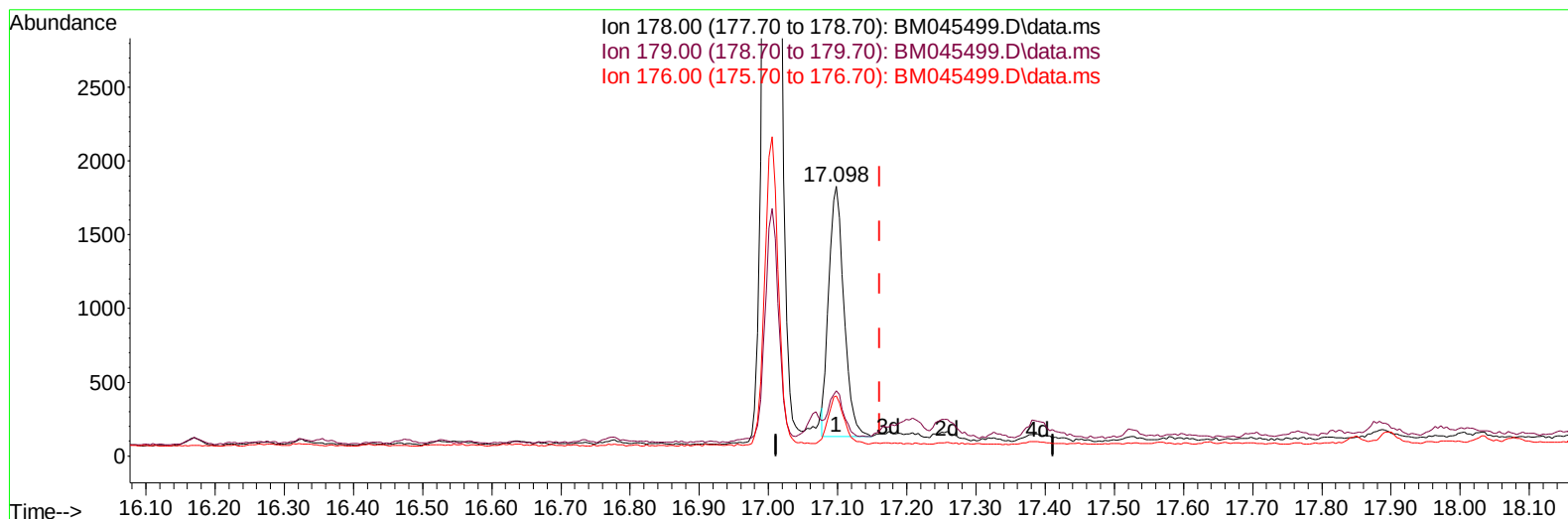
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045499.D
Acq On : 23 Apr 2024 03:17
Operator : MA/JU
Sample : P2037-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM045499.D\data.ms

(16) Anthracene

17.098min (-0.063) 0.20 ng/u1

response 2577

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	24.12
176.00	23.40	22.26
0.00	0.00	0.00

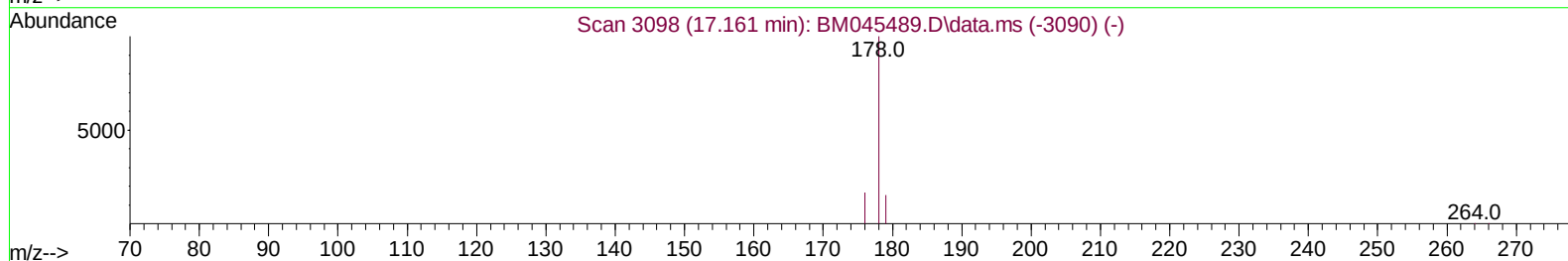
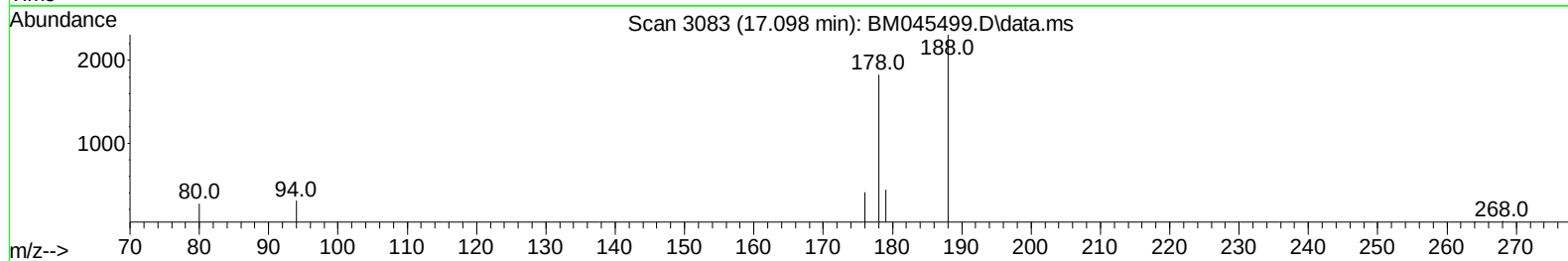
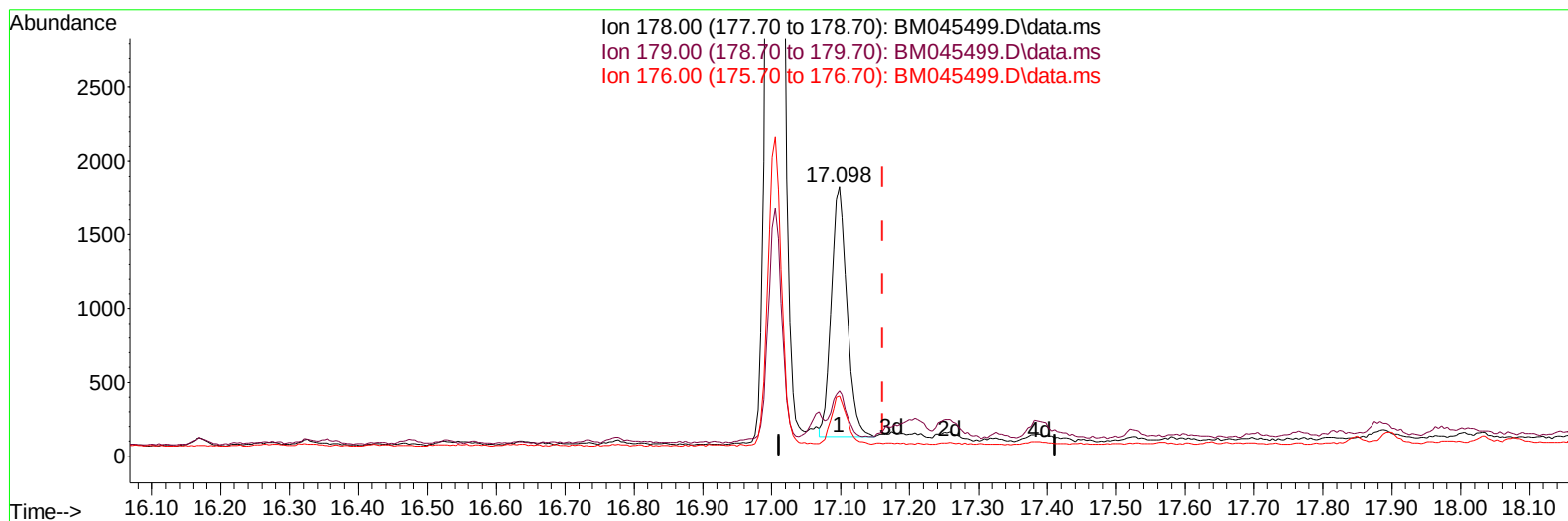
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045499.D
Acq On : 23 Apr 2024 03:17
Operator : MA/JU
Sample : P2037-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX7

Manual IntegrationsAPPROVED

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TIC: BM045499.D\data.ms

(16) Anthracene

17.098min (-0.063) 0.21 ng/ul m

response 2651

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	24.12
176.00	23.40	22.26
0.00	0.00	0.00

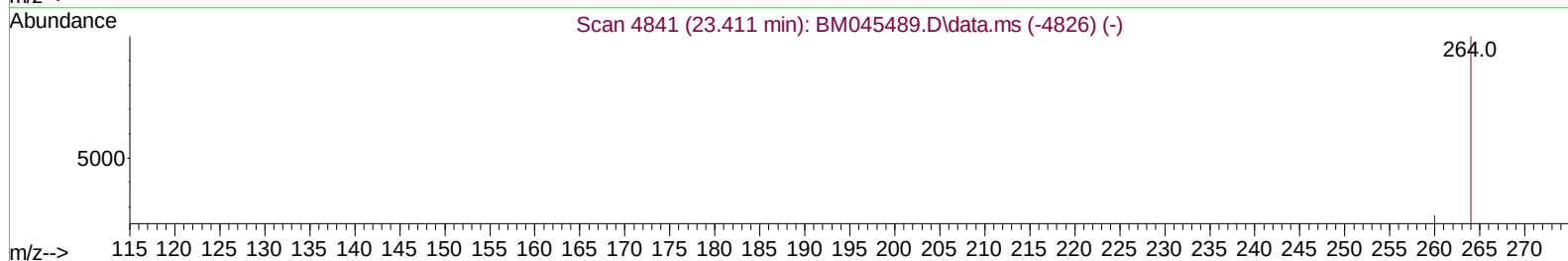
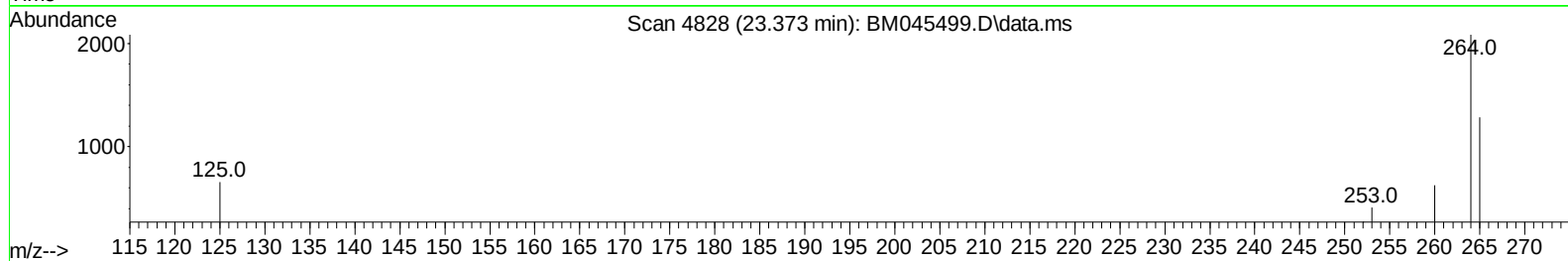
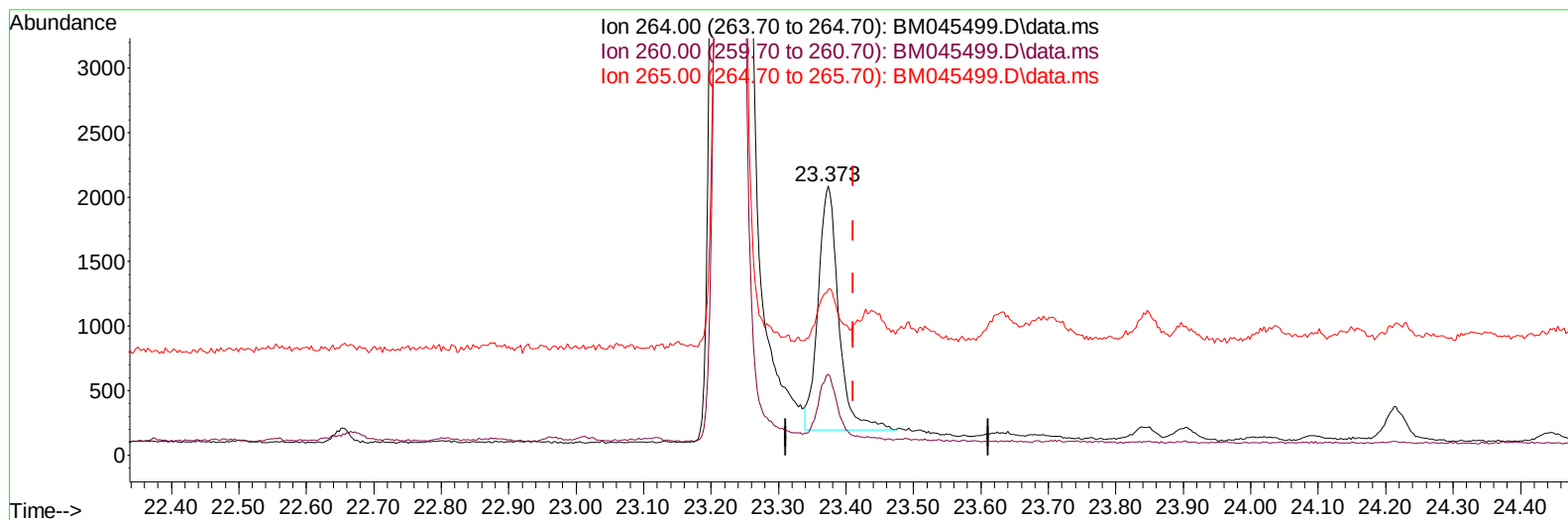
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 Data File : BM045499.D
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 Operator : MA/JU
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 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
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TIC: BM045499.D\data.ms

(23) Perylene-d12 (I)

23.373min (-0.037) 0.40 ng/u1

response 3999

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	30.01
265.00	86.70	61.70#
0.00	0.00	0.00

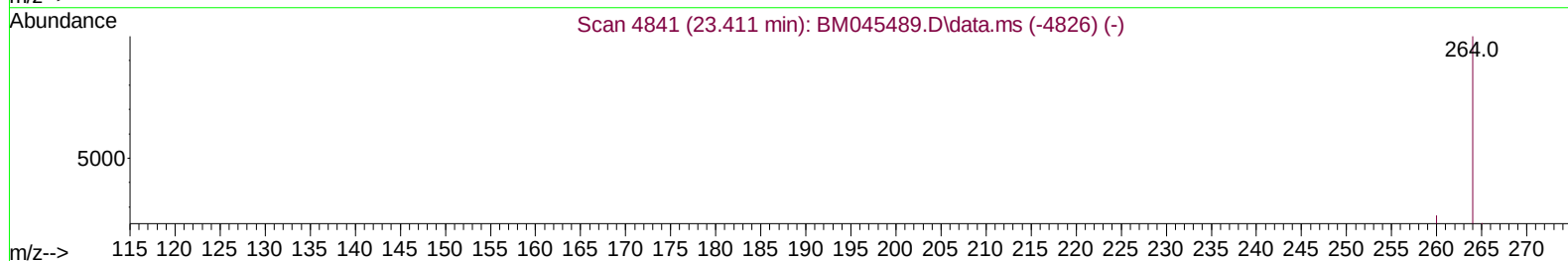
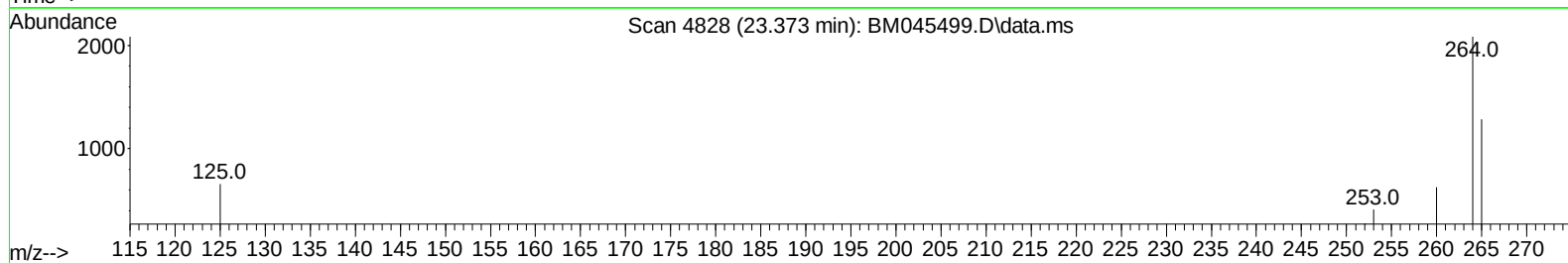
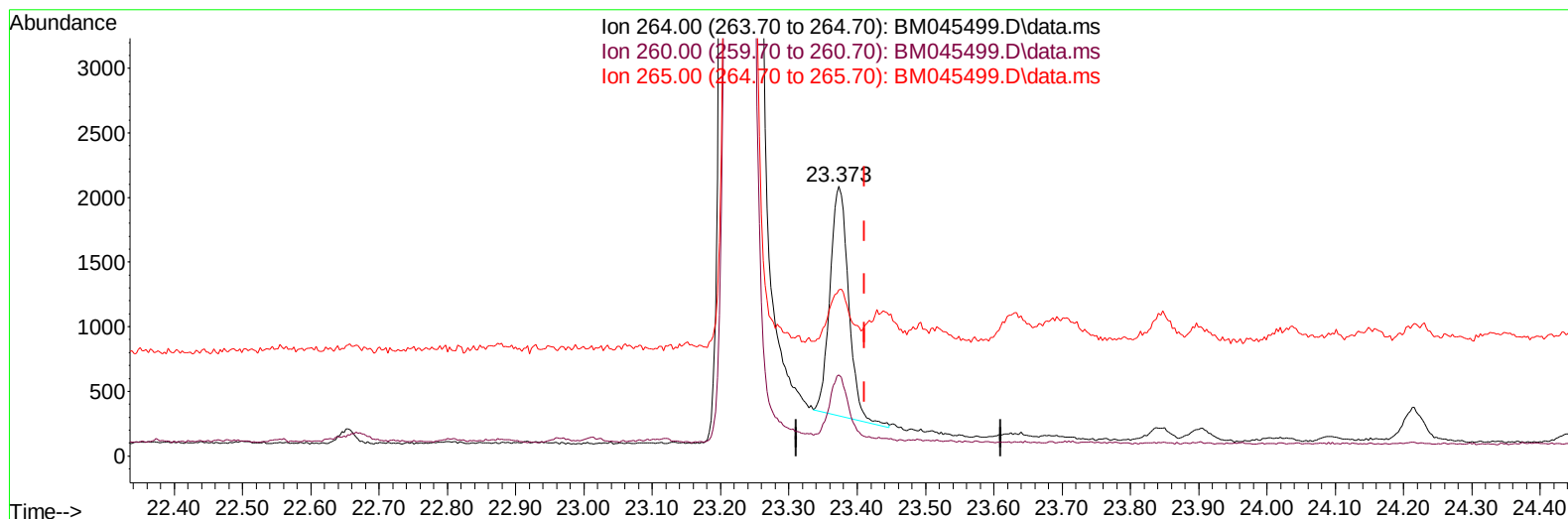
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045499.D
Acq On : 23 Apr 2024 03:17
Operator : MA/JU
Sample : P2037-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX7

Manual IntegrationsAPPROVED

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TIC: BM045499.D\data.ms

(23) Perylene-d12 (I)

23.373min (-0.037) 0.40 ng/ul m

response 3369

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	30.01
265.00	86.70	61.70#
0.00	0.00	0.00

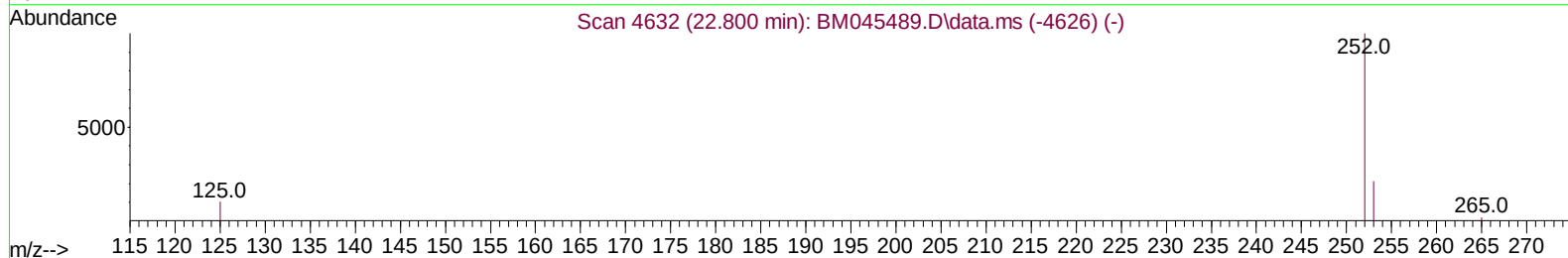
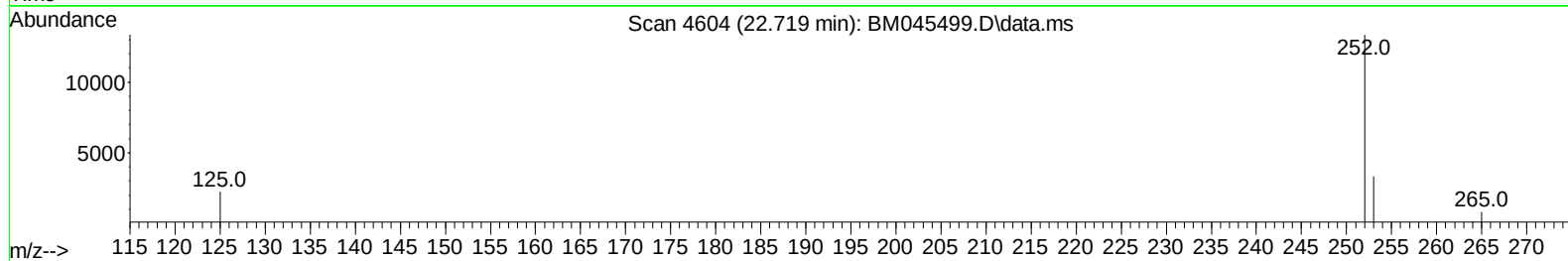
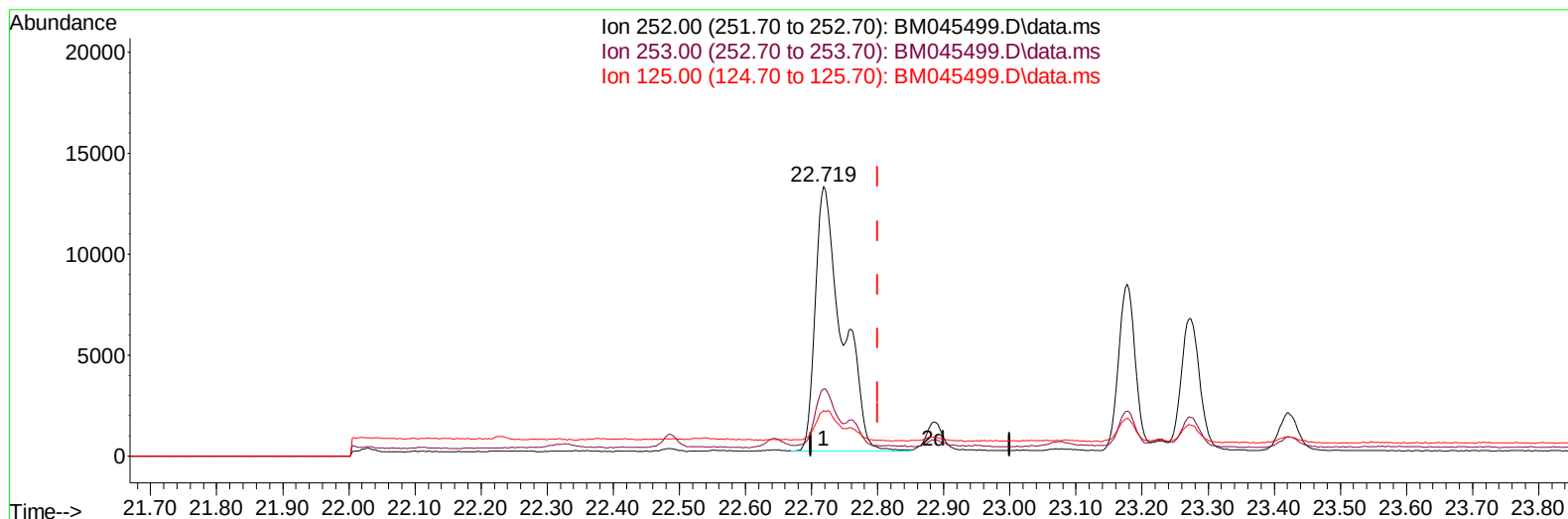
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045499.D
Acq On : 23 Apr 2024 03:17
Operator : MA/JU
Sample : P2037-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM045499.D\data.ms

(25) Benzo(k)fluoranthene

22.719min (-0.081) 2.58 ng/u1

response 36922

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.94#
125.00	18.50	16.89
0.00	0.00	0.00

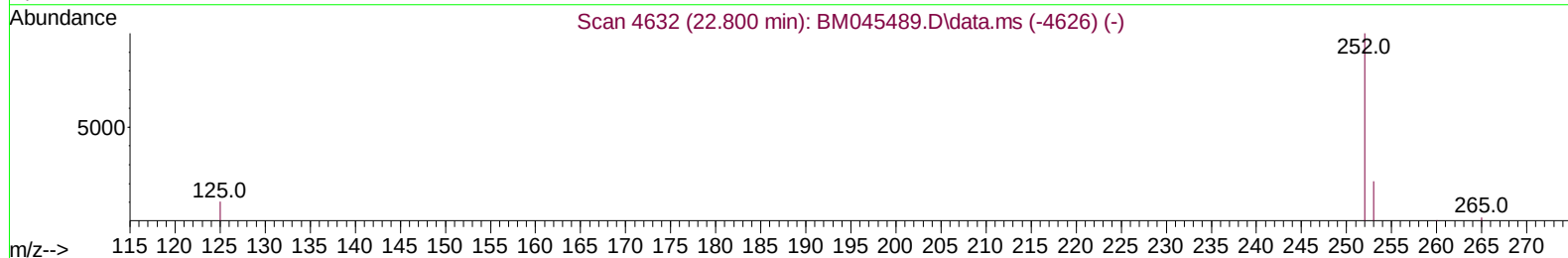
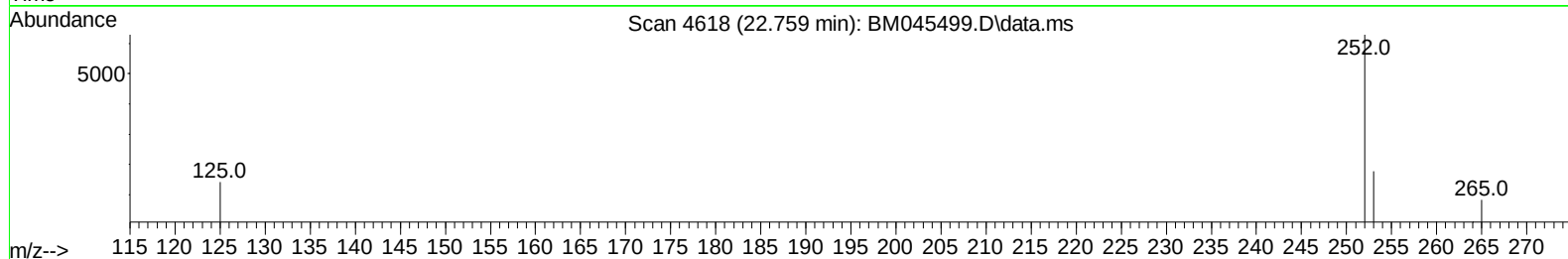
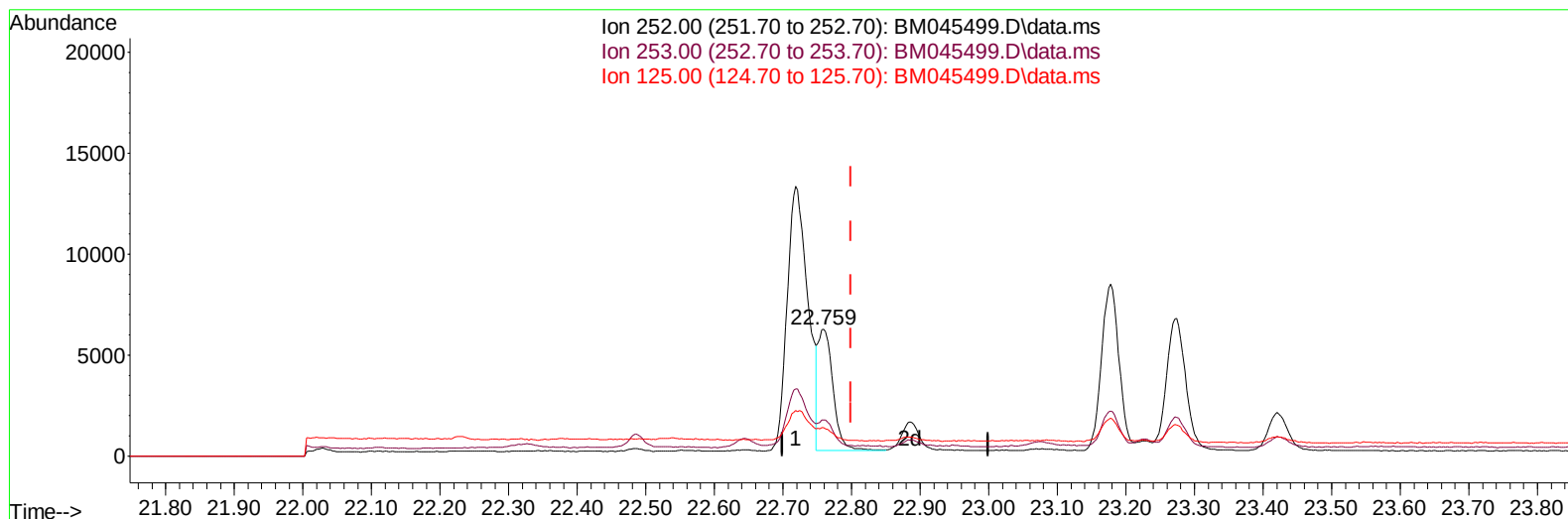
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045499.D
 Acq On : 23 Apr 2024 03:17
 Operator : MA/JU
 Sample : P2037-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX7

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:49 2024
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TIC: BM045499.D\data.ms

(25) Benzo(k)fluoranthene

22.759min (-0.040) 0.64 ng/ul m

response 9123

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	28.26
125.00	18.50	22.50#
0.00	0.00	0.00

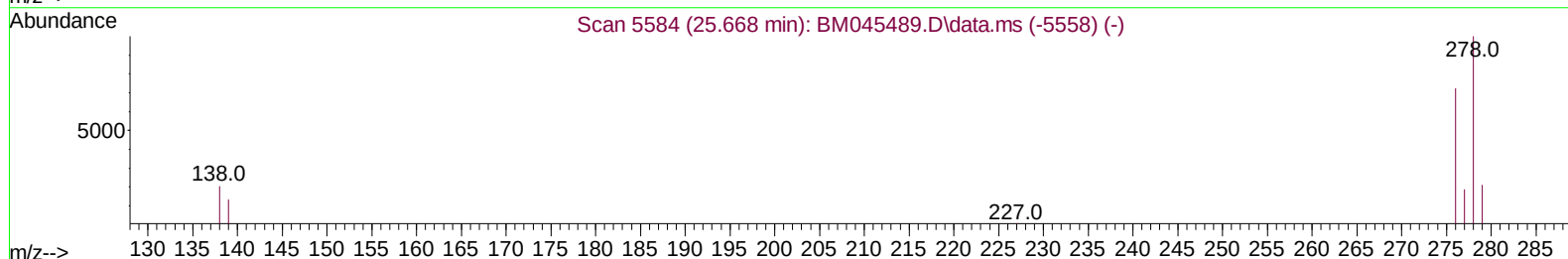
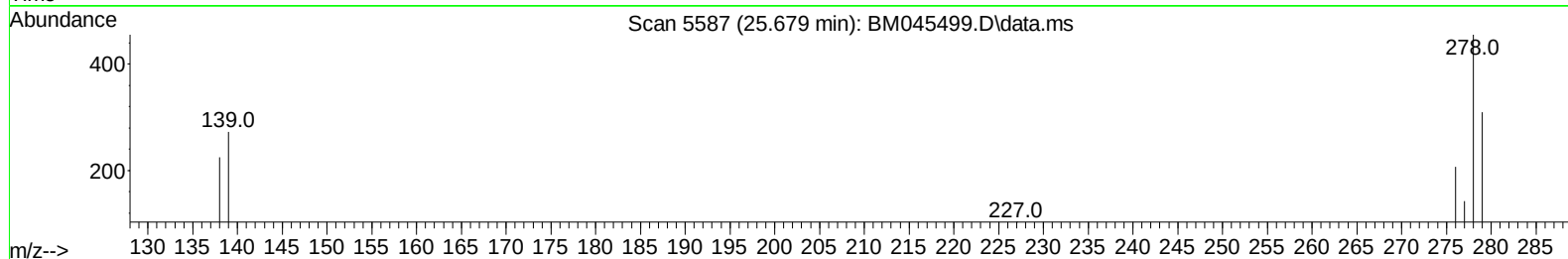
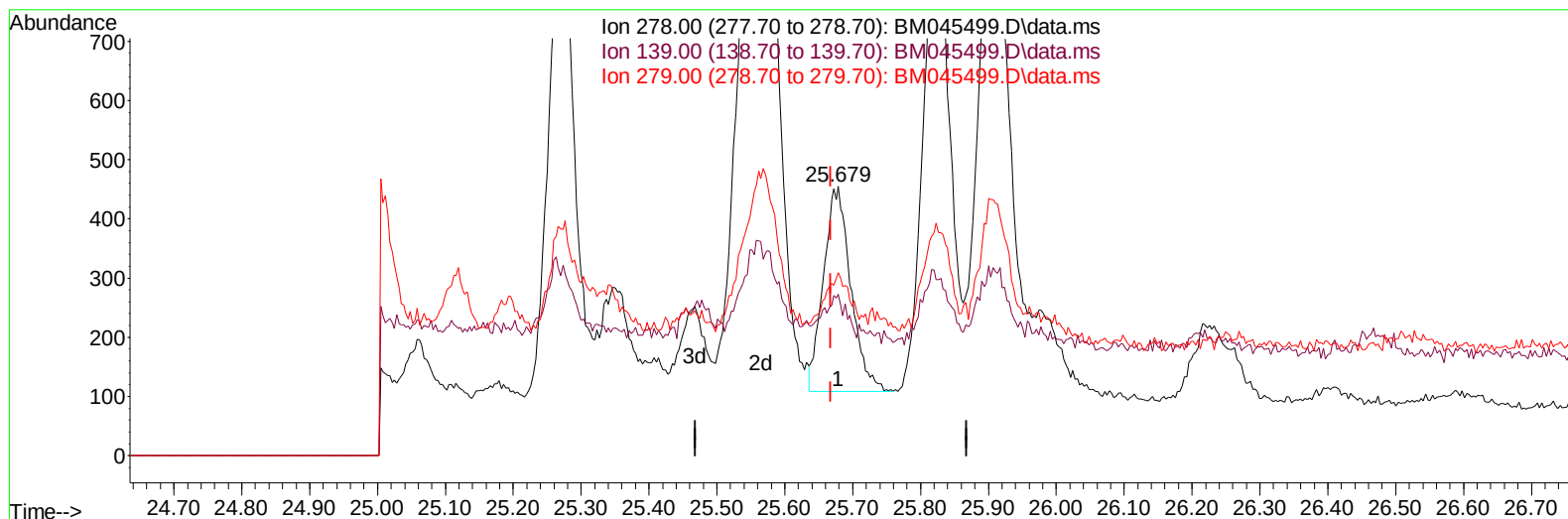
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ALS Vial : 29 Sample Multiplier: 1

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TIC: BM045499.D\data.ms

(28) Dibenzo(a,h)anthracene

25.679min (+ 0.011) 0.07 ng/u1

response 962

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	23.80	60.00#
279.00	36.80	67.91#
0.00	0.00	0.00

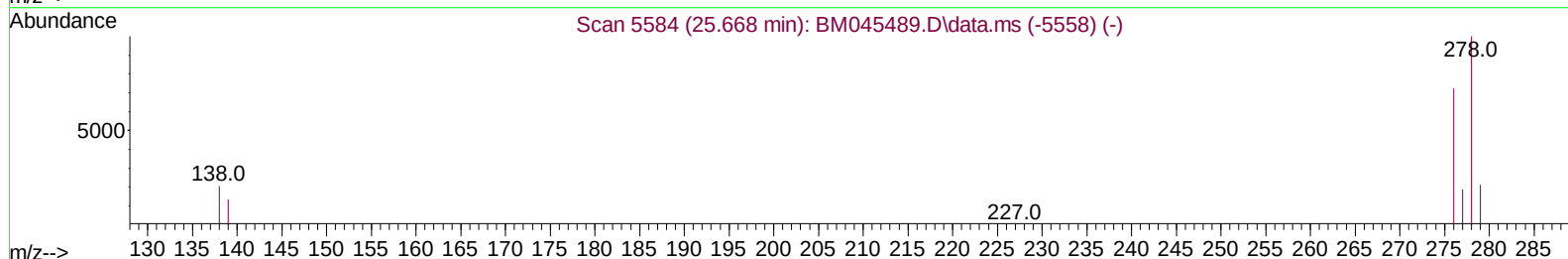
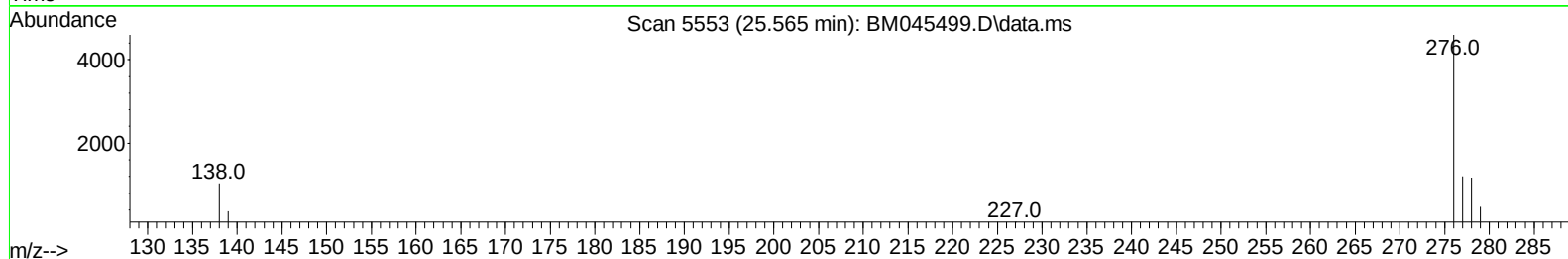
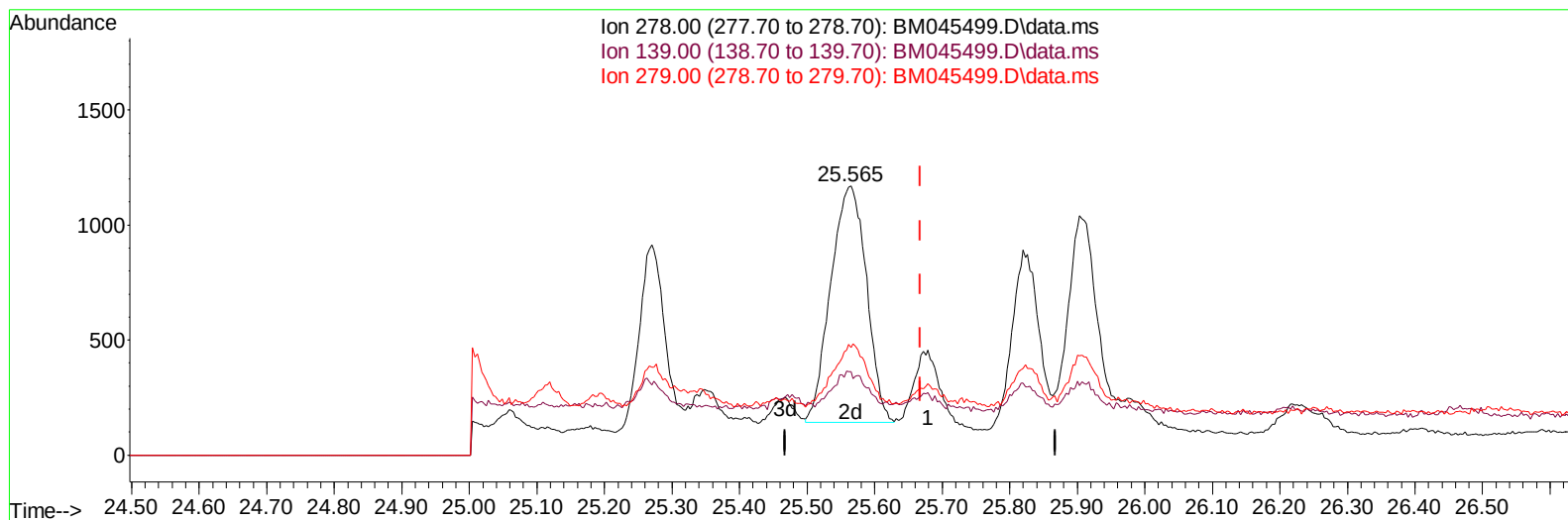
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Operator : MA/JU
Sample : P2037-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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TIC: BM045499.D\data.ms

(28) Dibenzo(a,h)anthracene

25.565min (-0.103) 0.28 ng/u1 m

response 3765

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	23.80	30.97#
279.00	36.80	40.03
0.00	0.00	0.00

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 Sample : P2037-22
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 E1CX7

Manual IntegrationsAPPROVED

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.555	152		1108	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.320	136		3539	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.200	164		2148	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.963	188		4700m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.184	240		3215	0.400	ng/ul	-0.03
23) Perylene-d12	23.373	264		3369m	0.400	ng/ul	-0.04
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.163	96		4201	2.829	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.925	152		1078	0.231	ng/ul	-0.05
18) Fluoranthene-d10	19.006	212		2526	0.250	ng/ul	-0.04
Target Compounds					Qvalue		
5) Naphthalene	10.364	128		4552	0.479	ng/ul#	89
7) 2-Methylnaphthalene	12.002	142		1310	0.241	ng/ul	97
8) 1-Methylnaphthalene	12.222	142		717	0.118	ng/ul	99
10) Acenaphthylene	13.923	152		815	0.077	ng/ul#	82
11) Acenaphthene	14.265	153		292	0.037	ng/ul	95
12) Fluorene	15.264	166		426	0.051	ng/ul#	91
15) Phenanthrene	17.005	178		14238	1.040	ng/ul	94
16) Anthracene	17.098	178		2651m	0.207	ng/ul	
19) Fluoranthene	19.038	202		30600	2.062	ng/ul#	89
20) Pyrene	19.401	202		26117	1.713	ng/ul#	92
21) Benzo(a)anthracene	21.167	228		14223	1.384	ng/ul	96
22) Chrysene	21.220	228		18092	1.145	ng/ul	99
24) Benzo(b)fluoranthene	22.719	252		28471	2.512	ng/ul	91
25) Benzo(k)fluoranthene	22.759	252		9123m	0.637	ng/ul	
26) Benzo(a)pyrene	23.274	252		12890	1.097	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.555	276		15067	0.882	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.565	278		3765m	0.278	ng/ul	
29) Benzo(g,h,i)perylene	26.219	276		13210	0.861	ng/ul	95

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

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