

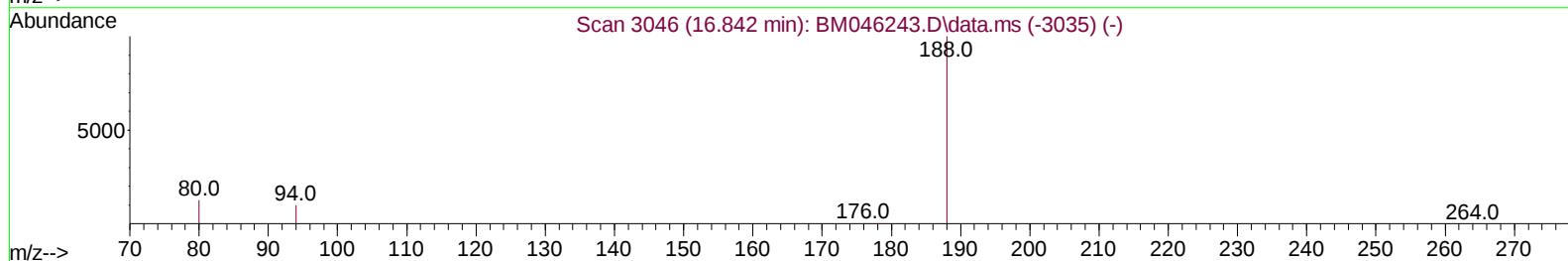
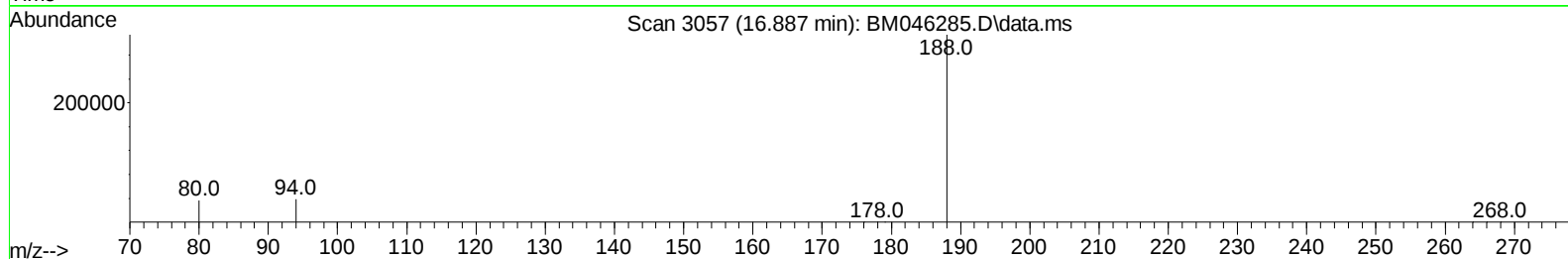
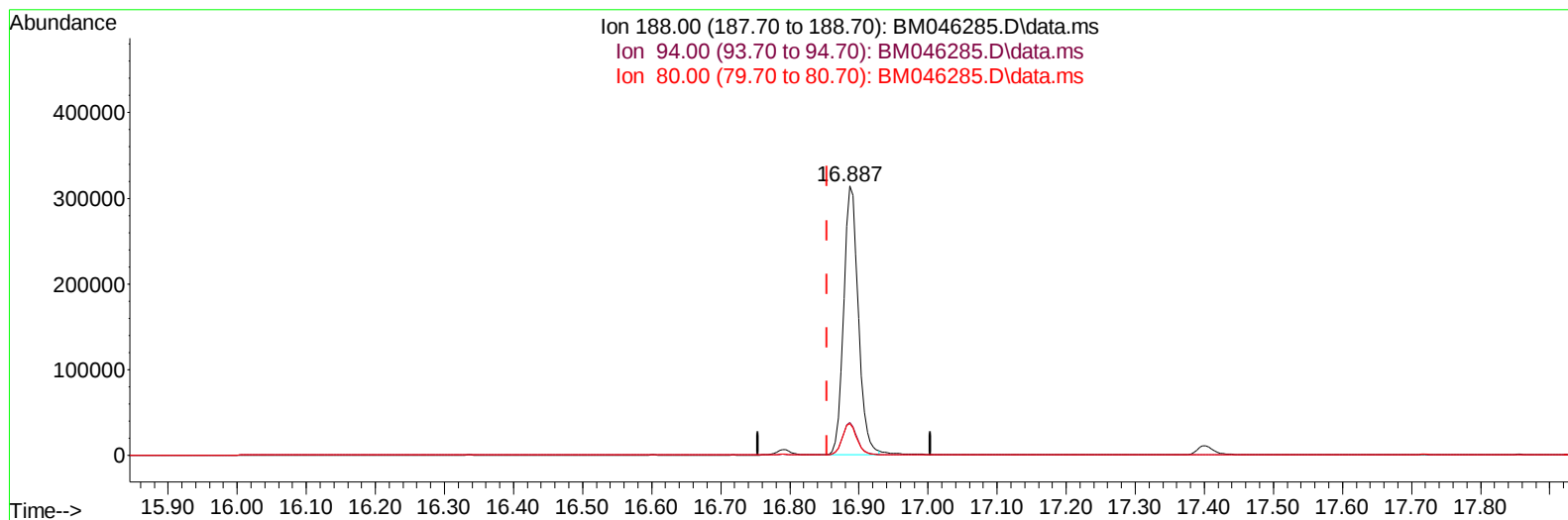
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046285.D
Acq On : 25 Jun 2024 11:05
Operator : MA/JU
Sample : P2844-24
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C49

Manual IntegrationsAPPROVED

Quant Time: Jun 25 12:42:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046285.D\data.ms

(13) Phenanthrene-d10 (I)

16.887min (+ 0.033) 0.40 ng/u1

response 462656

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.16
80.00	15.20	11.60#
0.00	0.00	0.00

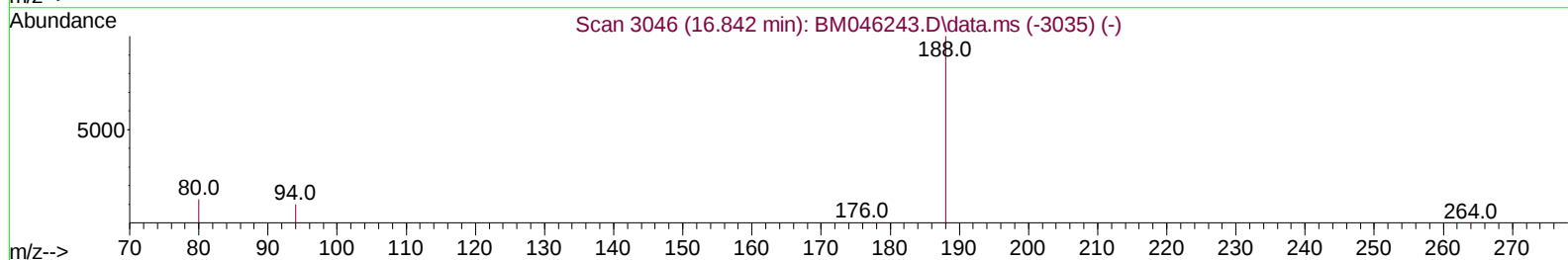
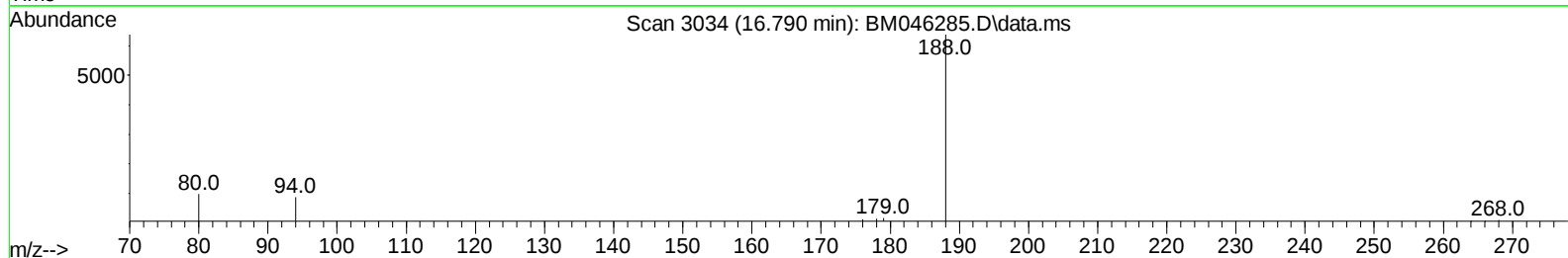
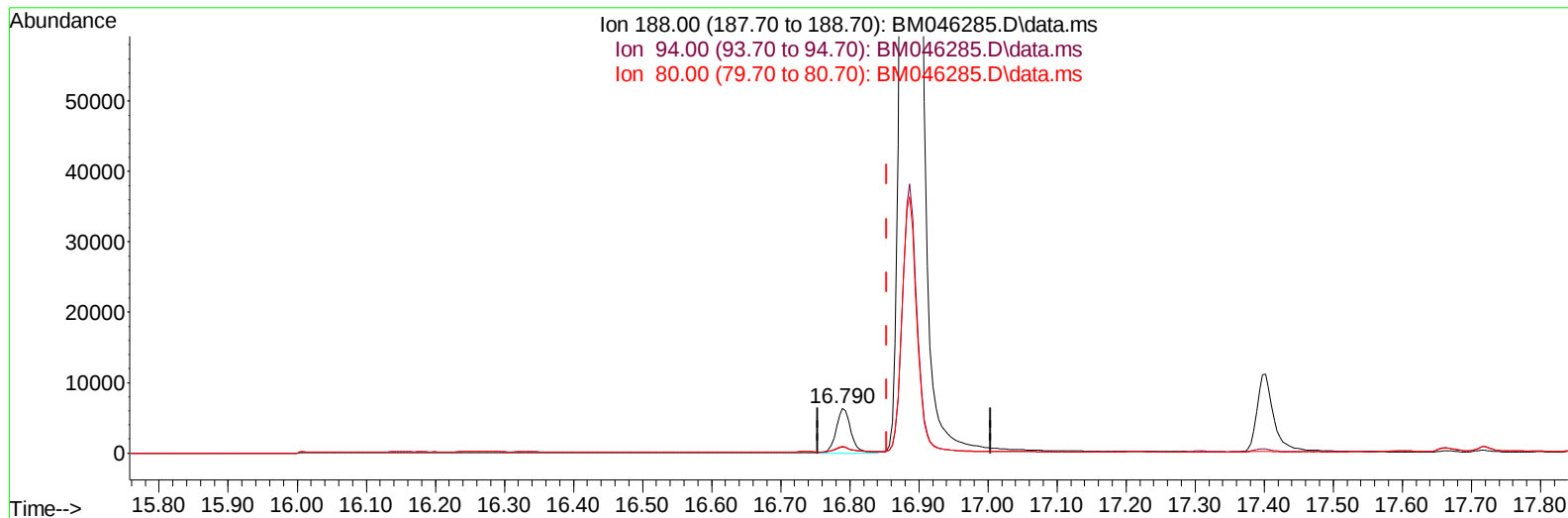
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
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TIC: BM046285.D\data.ms

(13) Phenanthrene-d10 (I)

16.790min (-0.065) 0.40 ng/u1 m

response 9395

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	13.52
80.00	15.20	15.17
0.00	0.00	0.00

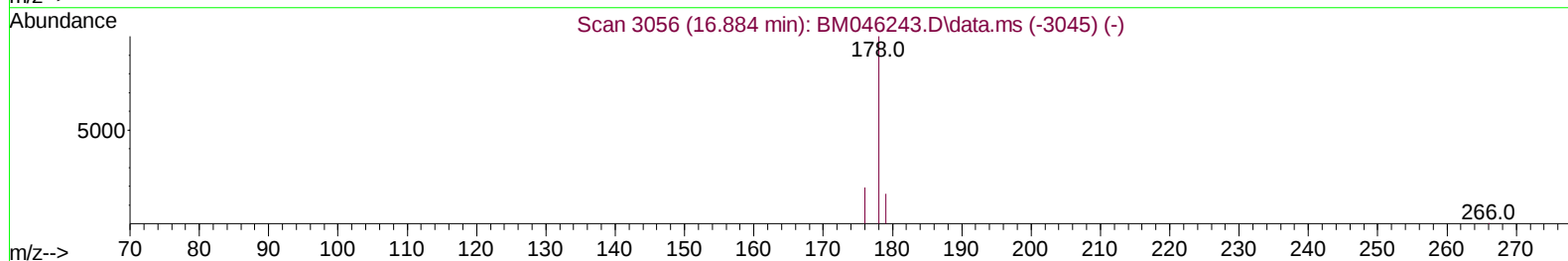
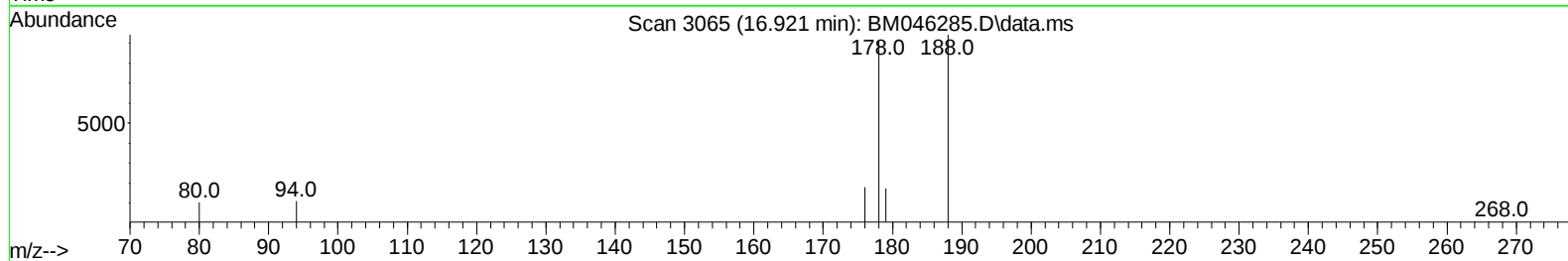
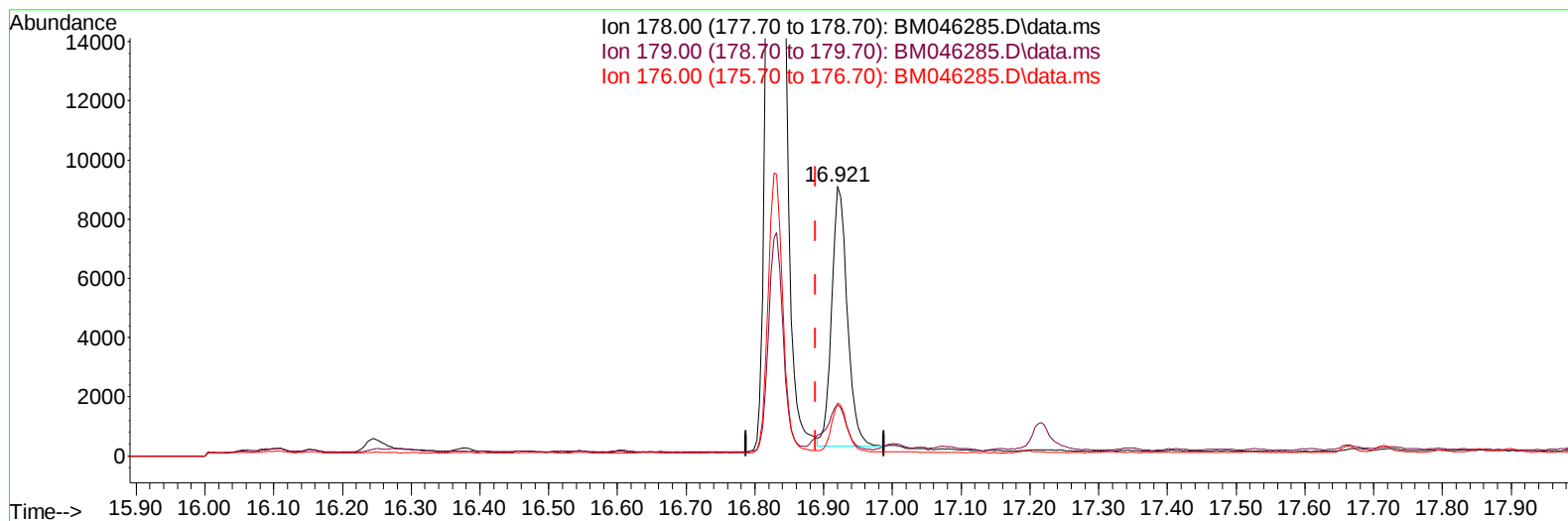
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046285.D
Acq On : 25 Jun 2024 11:05
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Sample : P2844-24
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C49

Manual IntegrationsAPPROVED

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TIC: BM046285.D\data.ms

(15) Phenanthrene

16.921min (+ 0.033) 0.52 ng/u1

response 13708

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	19.06
176.00	21.40	19.70
0.00	0.00	0.00

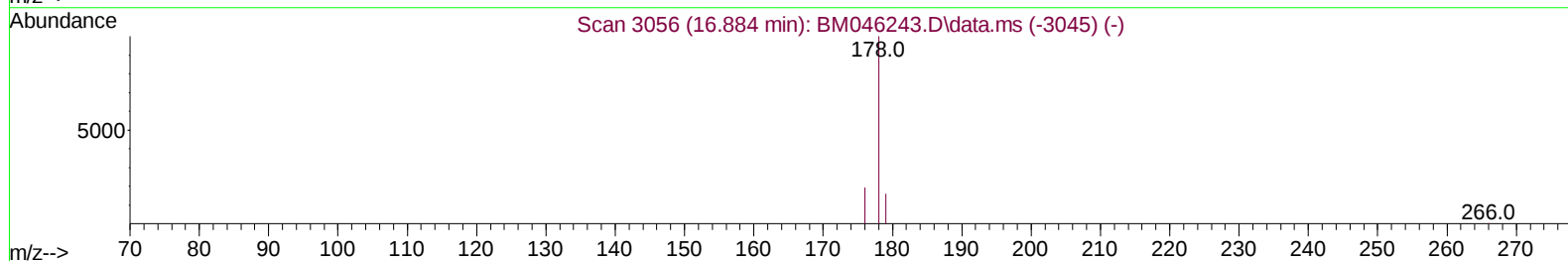
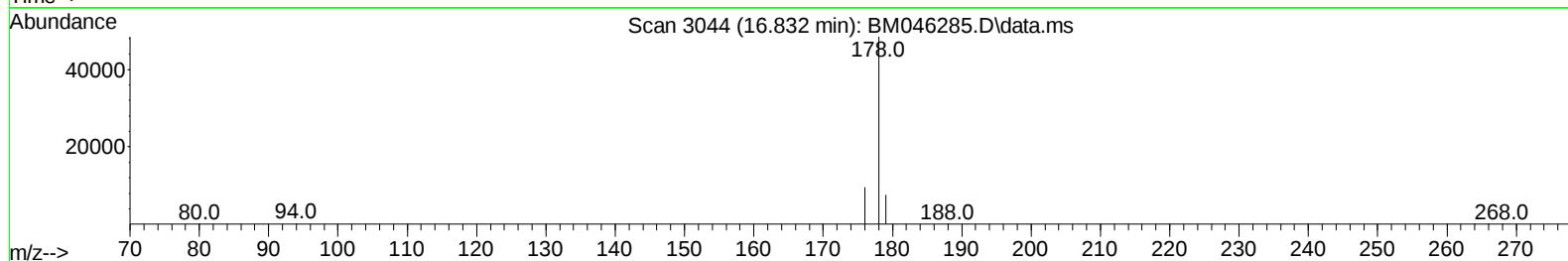
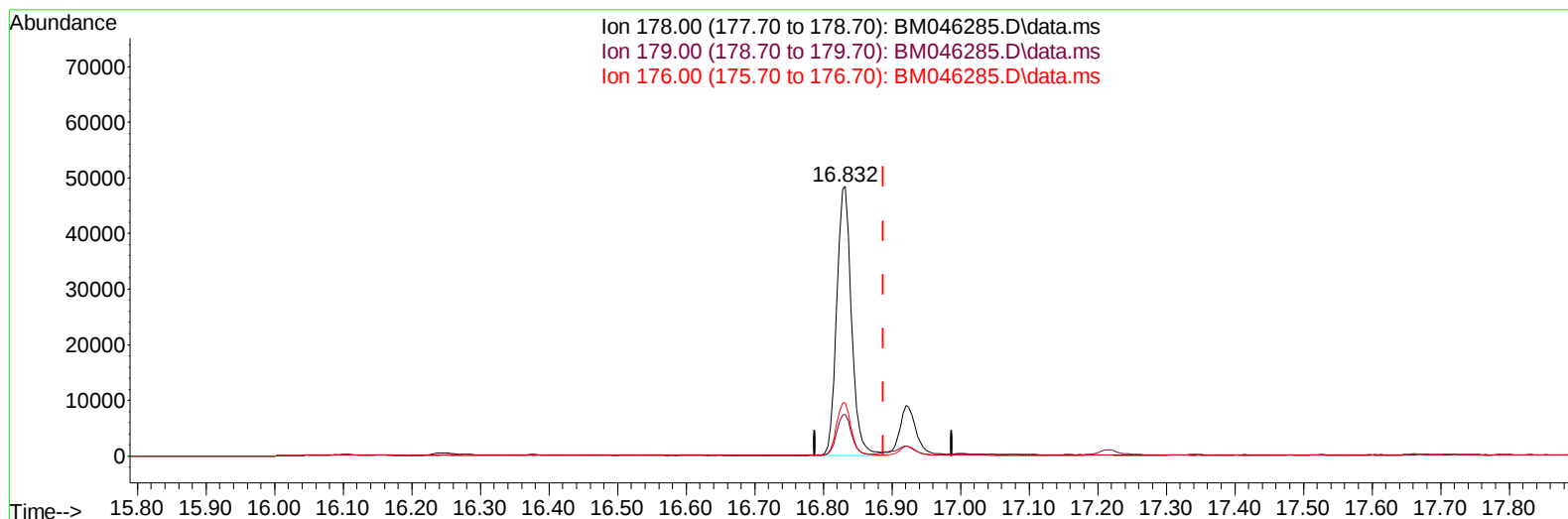
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C49

Manual IntegrationsAPPROVED

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TIC: BM046285.D\data.ms

(15) Phenanthrene

16.832min (-0.056) 2.74 ng/u1 m

response 72441

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.59
176.00	21.40	19.64
0.00	0.00	0.00

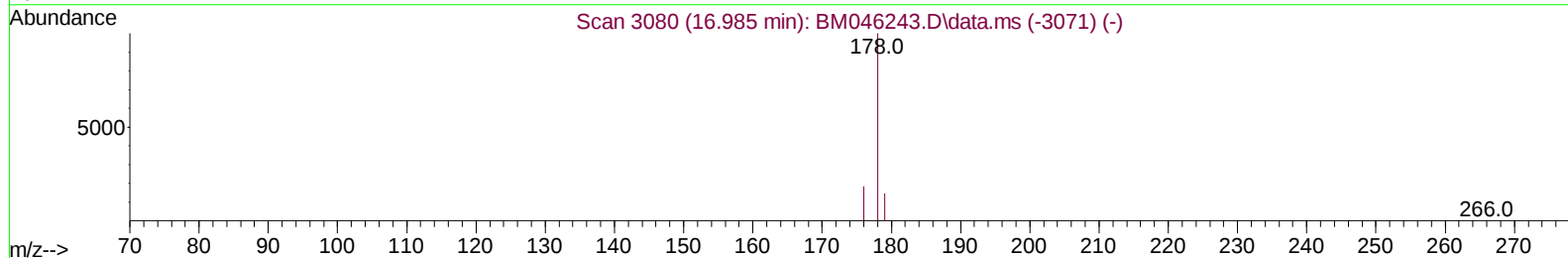
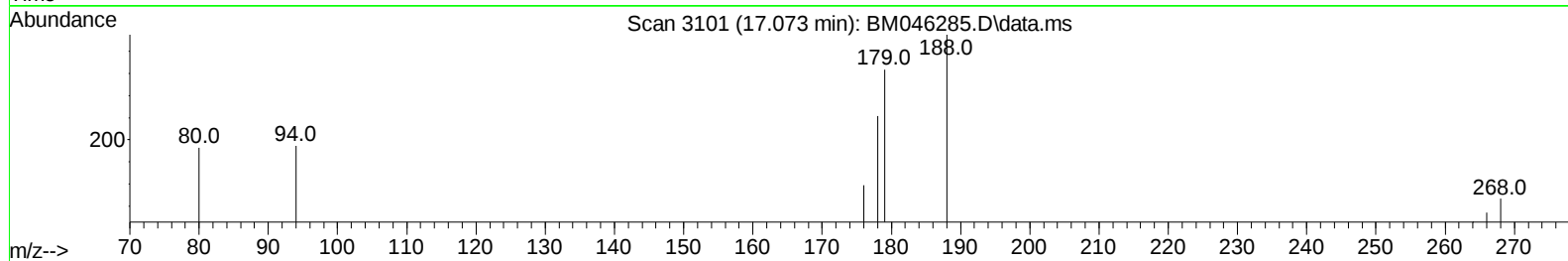
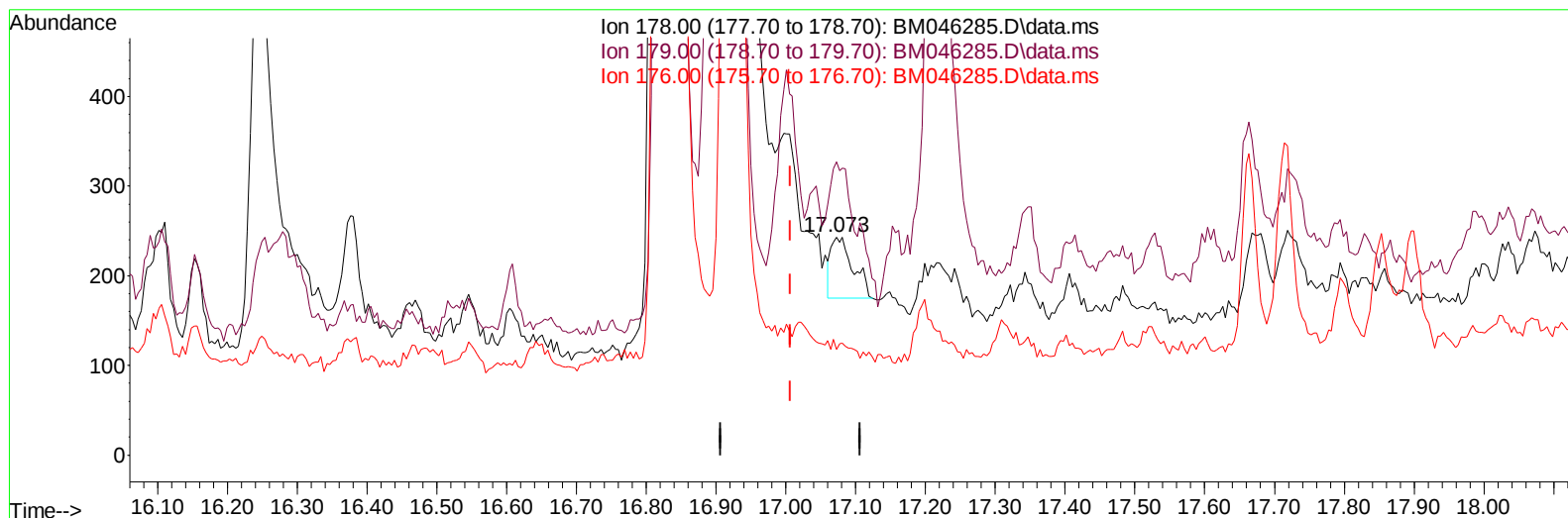
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Data File : BM046285.D
Acq On : 25 Jun 2024 11:05
Operator : MA/JU
Sample : P2844-24
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C49

Manual IntegrationsAPPROVED

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TIC: BM046285.D\data.ms

(16) Anthracene

17.073min (+ 0.066) 0.01 ng/u1

response 148

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	134.57#
176.00	21.20	48.56#
0.00	0.00	0.00

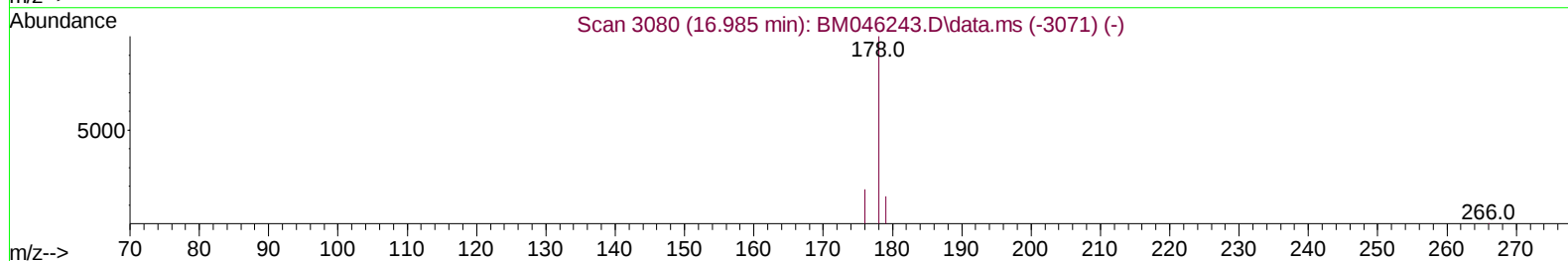
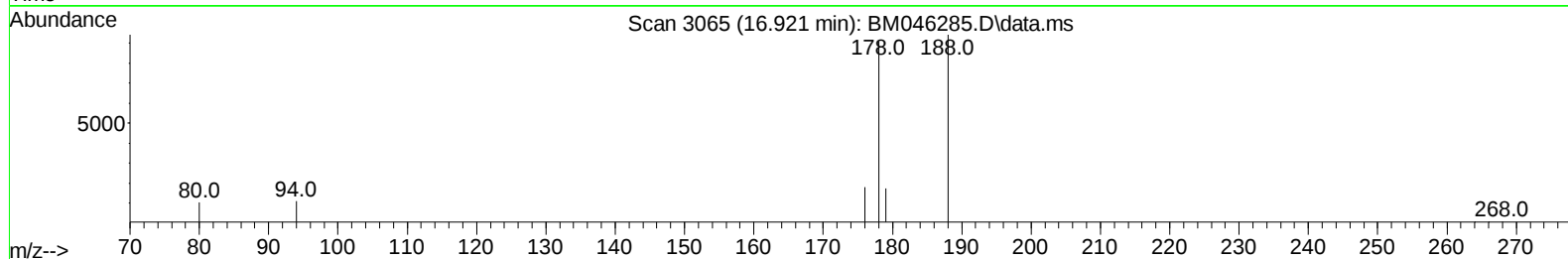
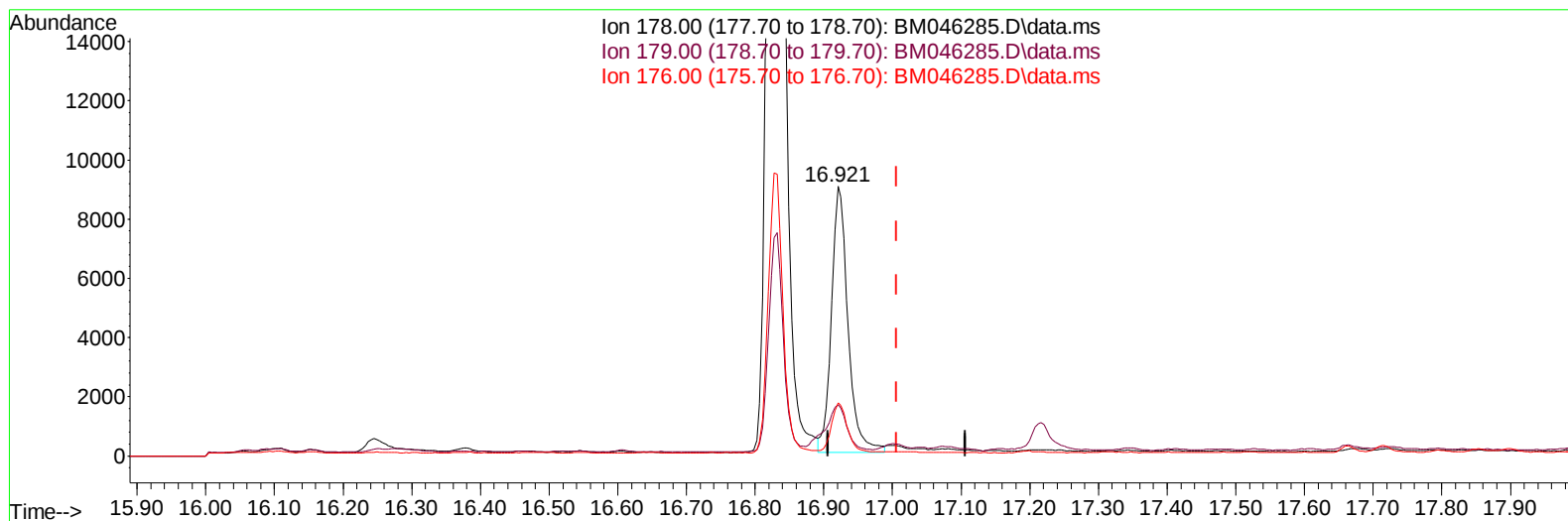
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046285.D
Acq On : 25 Jun 2024 11:05
Operator : MA/JU
Sample : P2844-24
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C49

Manual IntegrationsAPPROVED

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TIC: BM046285.D\data.ms

(16) Anthracene

16.921min (-0.086) 0.77 ng/ul m

response 15042

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	19.06
176.00	21.20	19.70
0.00	0.00	0.00

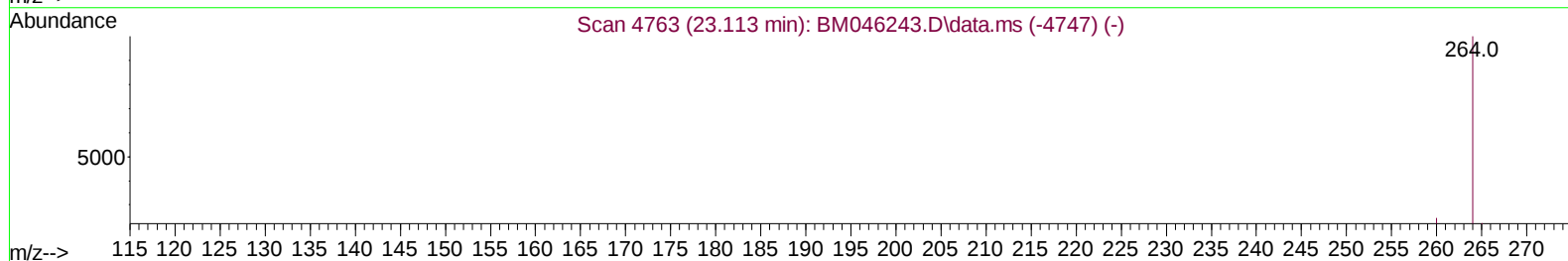
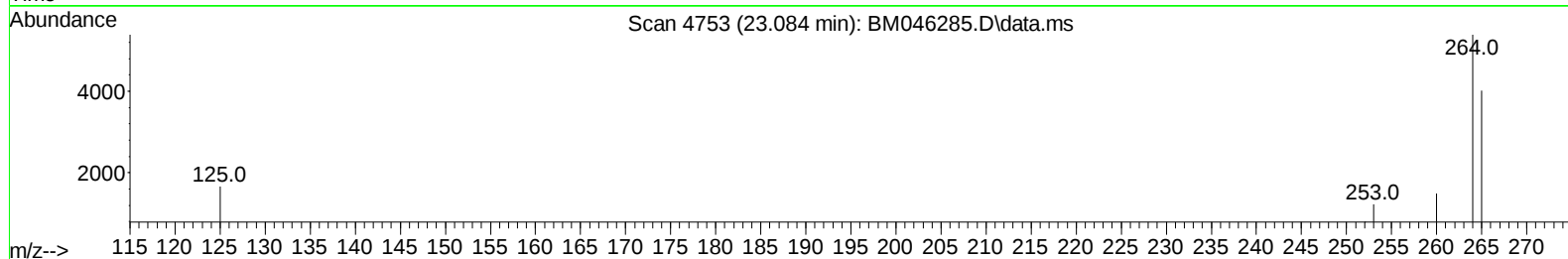
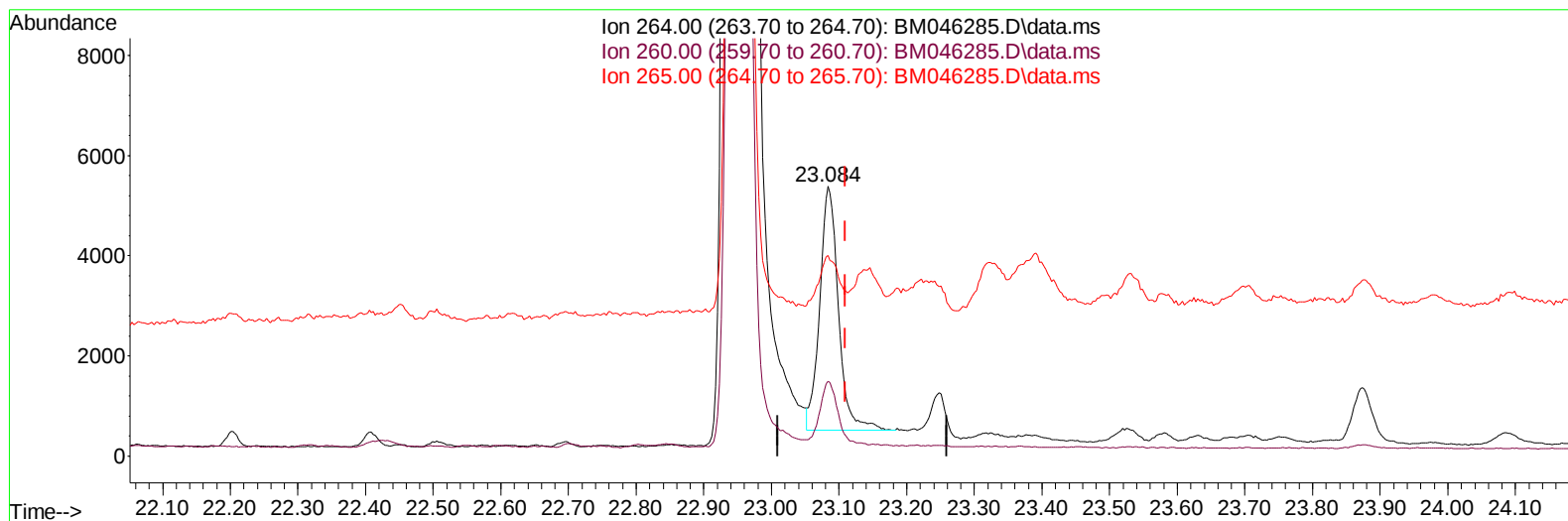
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Data File : BM046285.D
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Operator : MA/JU
Sample : P2844-24
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C49

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TIC: BM046285.D\data.ms

(23) Perylene-d12 (I)

23.084min (-0.026) 0.40 ng/u1

response 9383

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.74
265.00	110.60	74.47#
0.00	0.00	0.00

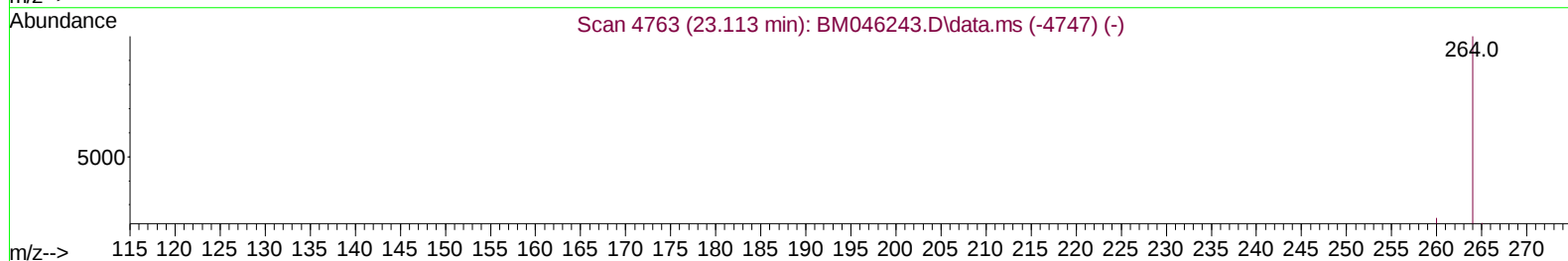
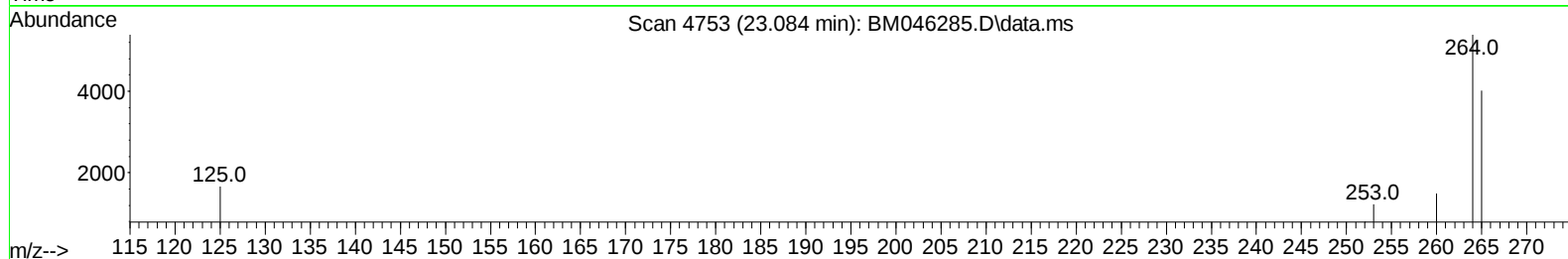
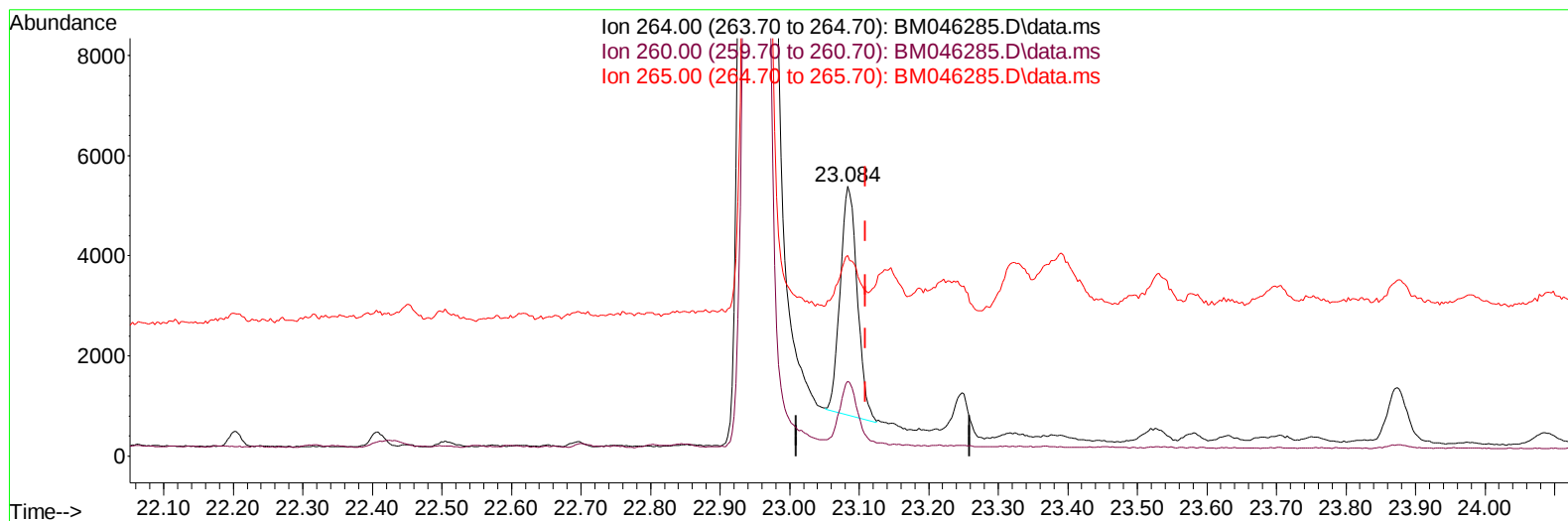
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046285.D
Acq On : 25 Jun 2024 11:05
Operator : MA/JU
Sample : P2844-24
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C49

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/27/2024



TIC: BM046285.D\data.ms

(23) Perylene-d12 (I)

23.084min (-0.026) 0.40 ng/ul m

response 7785

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.74
265.00	110.60	74.47#
0.00	0.00	0.00

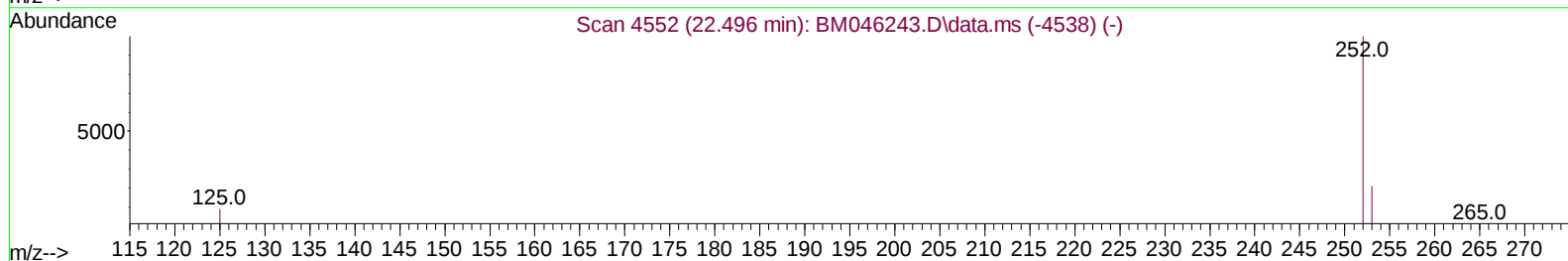
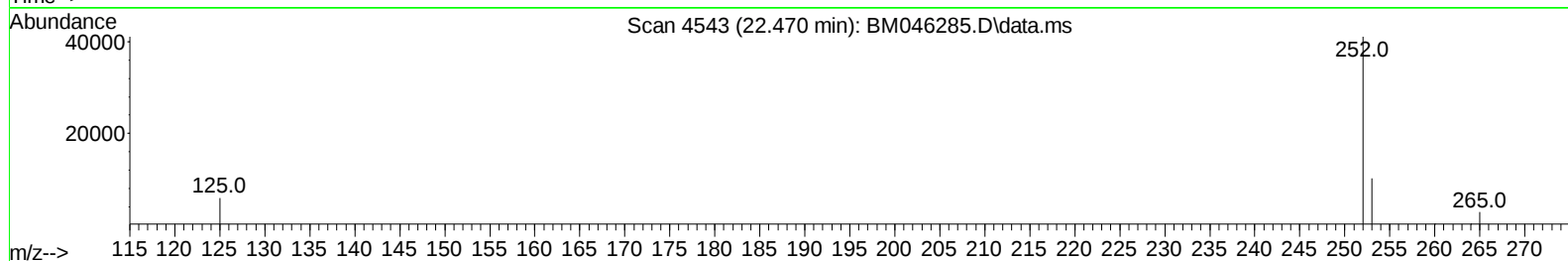
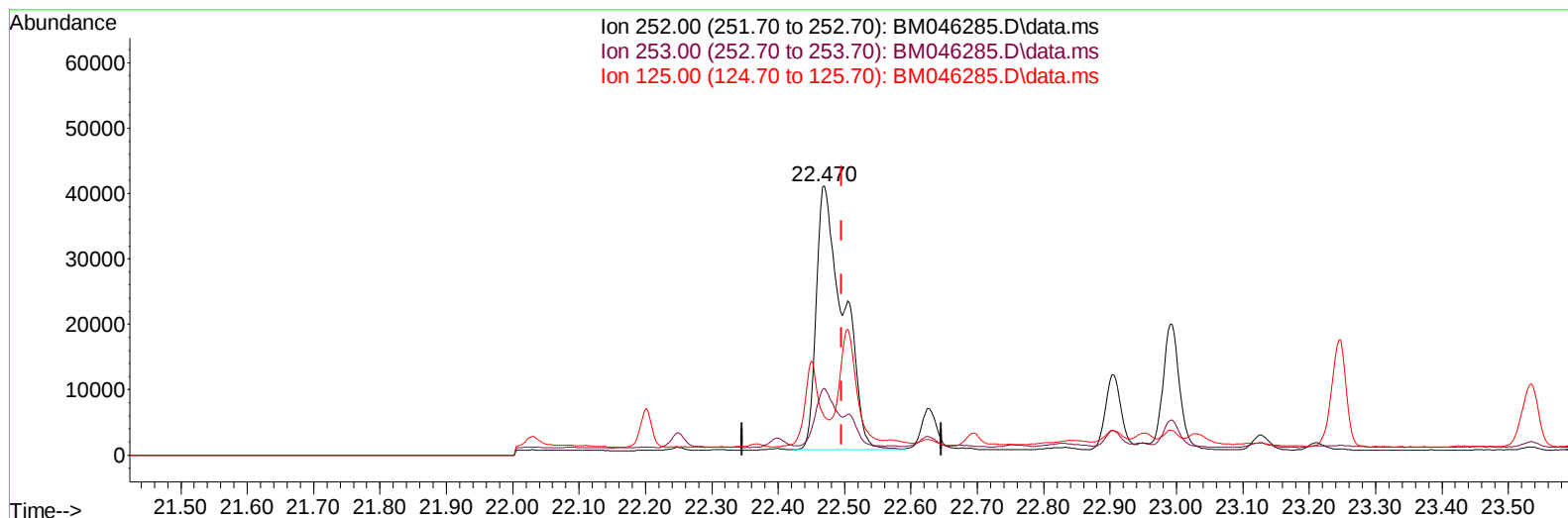
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Data File : BM046285.D
Acq On : 25 Jun 2024 11:05
Operator : MA/JU
Sample : P2844-24
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C49

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TIC: BM046285.D\data.ms

(24) Benzo(b)fluoranthene

22.470min (-0.026) 4.09 ng/u1

response 114804

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	24.80
125.00	20.10	14.33
0.00	0.00	0.00

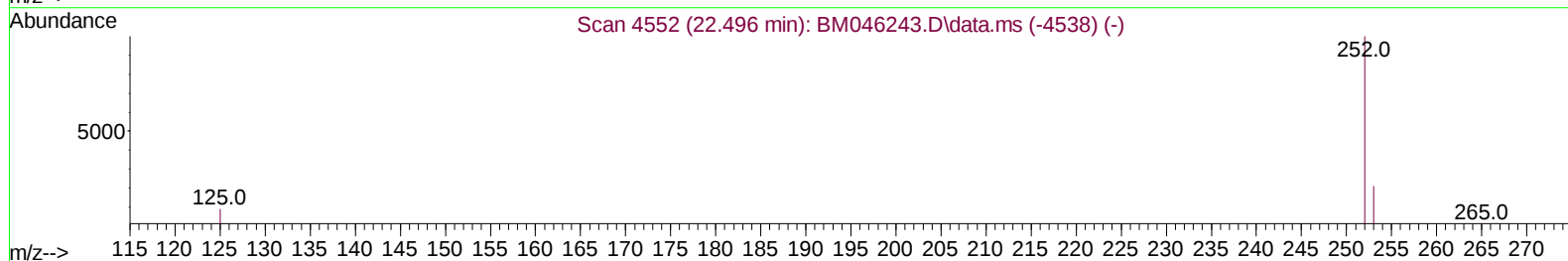
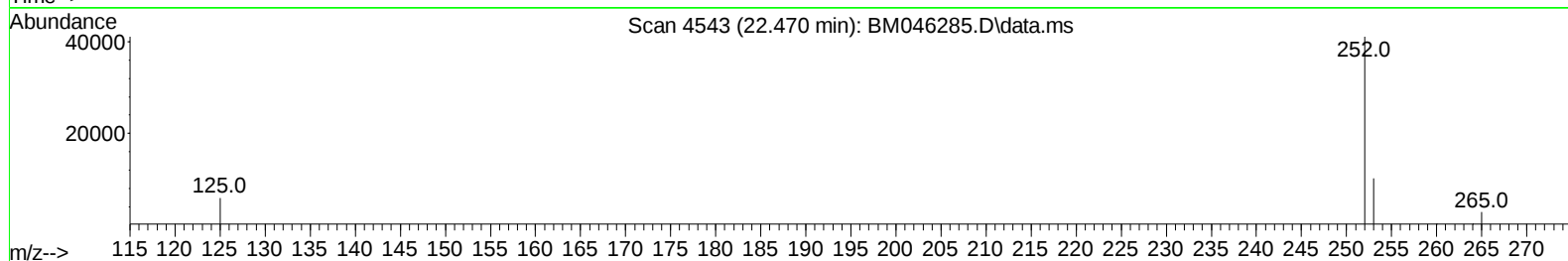
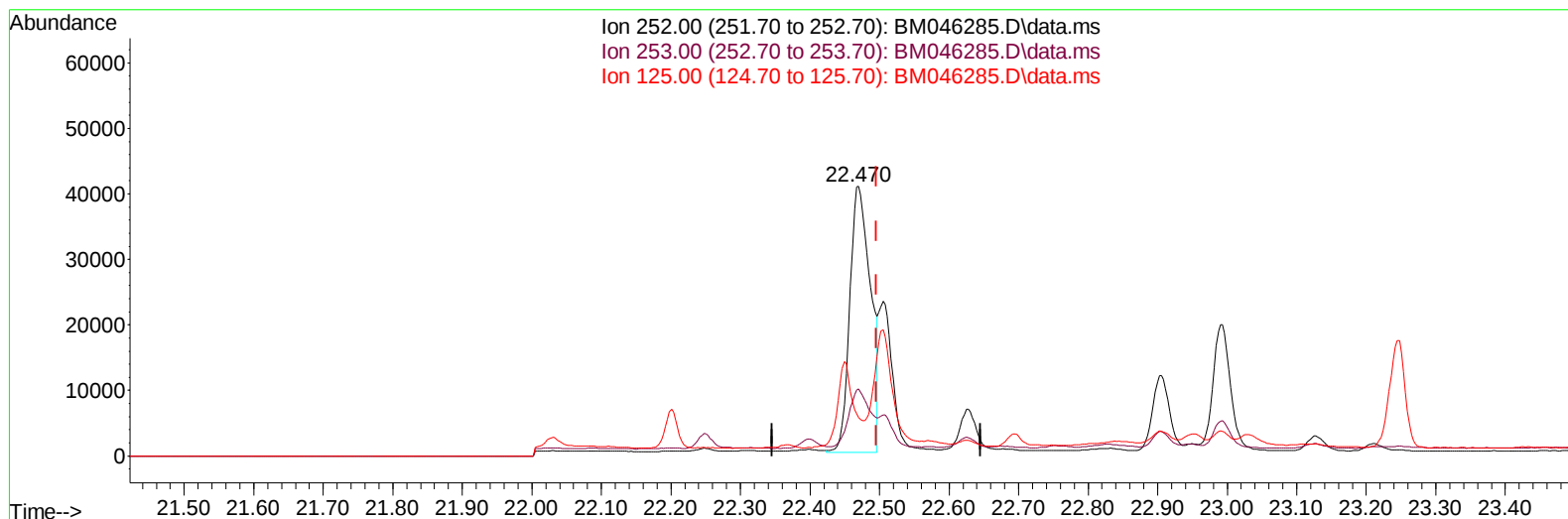
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046285.D
Acq On : 25 Jun 2024 11:05
Operator : MA/JU
Sample : P2844-24
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C49

Manual IntegrationsAPPROVED

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TIC: BM046285.D\data.ms

(24) Benzo(b)fluoranthene

22.470min (-0.026) 3.02 ng/u1 m

response 84583

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	24.80
125.00	20.10	14.33
0.00	0.00	0.00

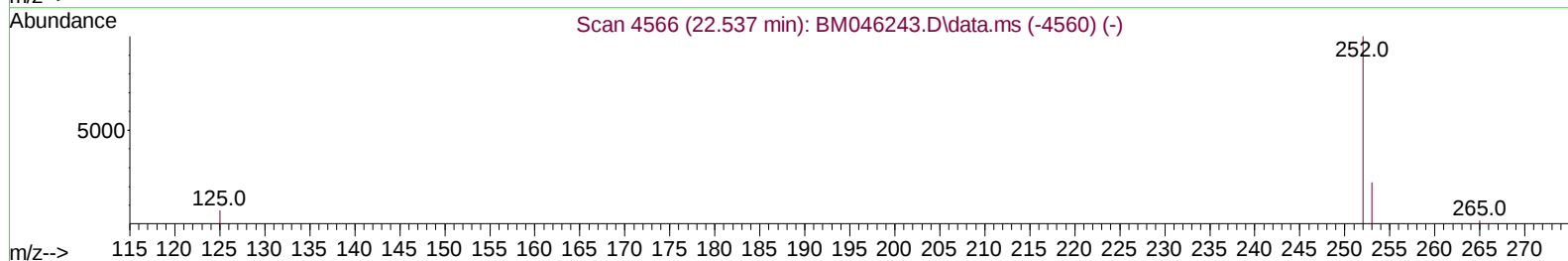
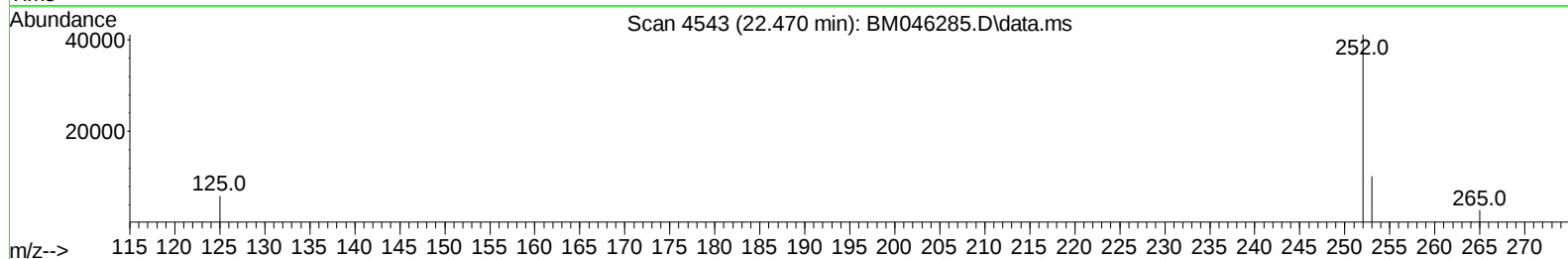
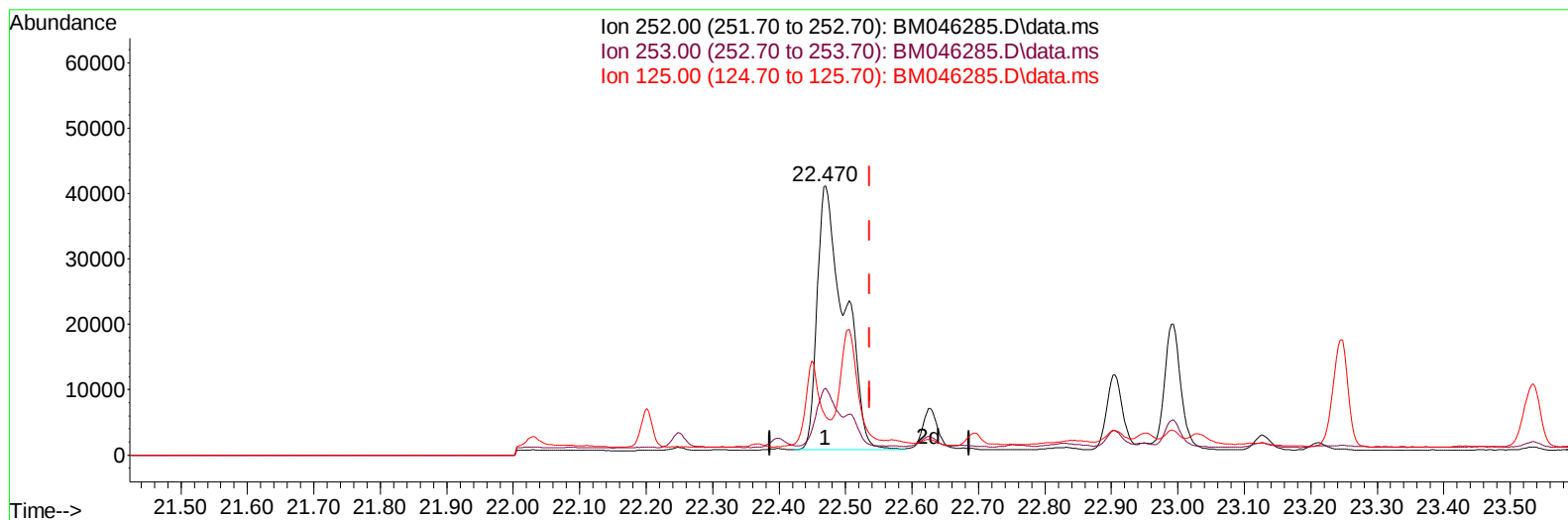
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ALS Vial : 44 Sample Multiplier: 1

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BNA_M
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TIC: BM046285.D\data.ms

(25) Benzo(k)fluoranthene

22.470min (-0.067) 3.44 ng/u1

response 114779

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	24.80#
125.00	20.80	14.33#
0.00	0.00	0.00

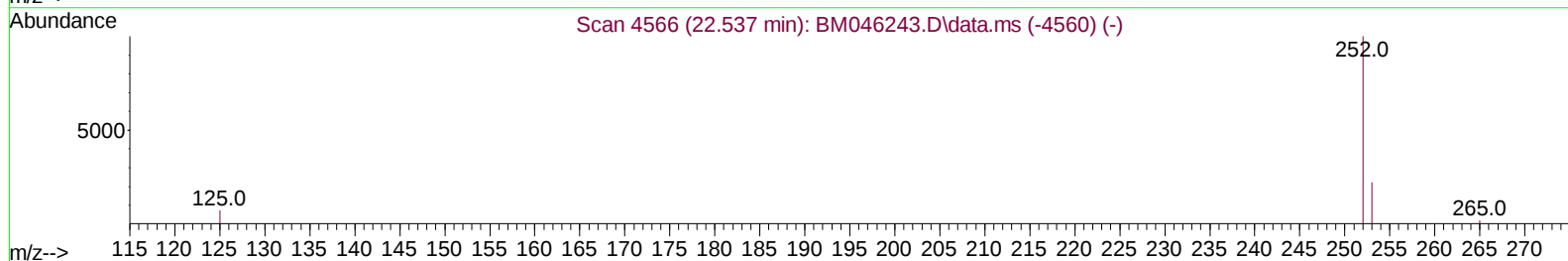
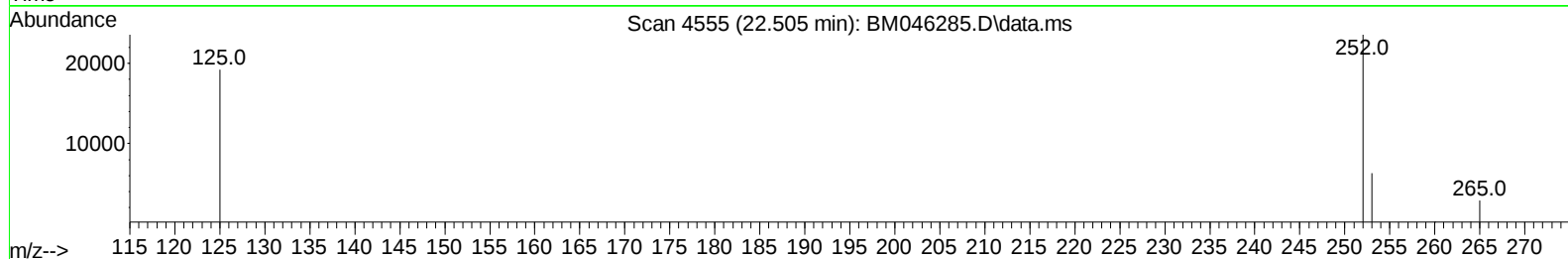
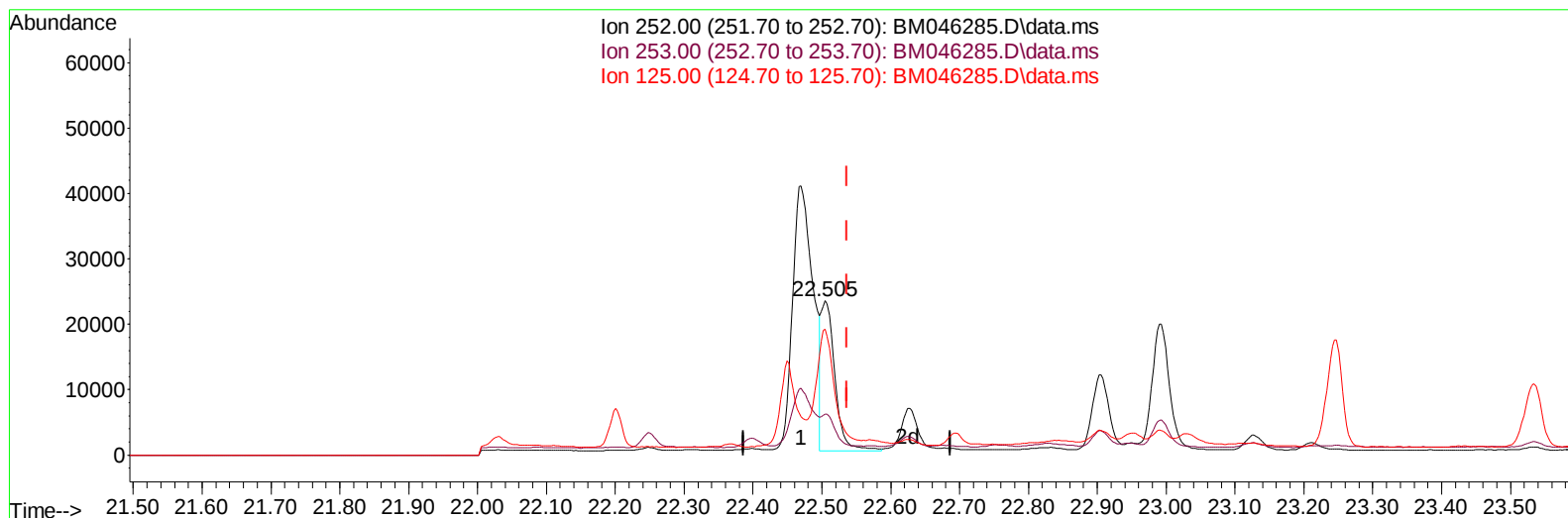
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Data File : BM046285.D
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Operator : MA/JU
Sample : P2844-24
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM046285.D\data.ms

(25) Benzo(k)fluoranthene

22.505min (-0.032) 0.97 ng/u1 m

response 32256

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	26.66#
125.00	20.80	81.64#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
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 Sample : P2844-24
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.396	152	2450	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.165	136	7373	0.400	ng/ul	-0.09
9) Acenaphthene-d10	14.043	164	4234	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.790	188	9395m	0.400	ng/ul	-0.06
17) Chrysene-d12	20.994	240	7059	0.400	ng/ul	-0.03
23) Perylene-d12	23.084	264	7785m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	9605	2.857	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.744	152	2751	0.278	ng/ul	-0.13
18) Fluoranthene-d10	18.824	212	5932	0.281	ng/ul	-0.05
Target Compounds						
						Qvalue
5) Naphthalene	10.209	128	2891	0.141	ng/ul	97
7) 2-Methylnaphthalene	11.821	142	1108	0.096	ng/ul	94
8) 1-Methylnaphthalene	12.046	142	804	0.063	ng/ul	97
10) Acenaphthylene	13.756	152	5272	0.263	ng/ul	97
11) Acenaphthene	14.103	153	3231	0.223	ng/ul	99
12) Fluorene	15.102	166	3576	0.230	ng/ul	99
15) Phenanthrene	16.832	178	72441m	2.744	ng/ul	
16) Anthracene	16.921	178	15042m	0.765	ng/ul	
19) Fluoranthene	18.857	202	129132	4.225	ng/ul	96
20) Pyrene	19.219	202	99510	3.011	ng/ul	96
21) Benzo(a)anthracene	20.980	228	55783	2.046	ng/ul	100
22) Chrysene	21.029	228	61817	1.777	ng/ul	99
24) Benzo(b)fluoranthene	22.470	252	84583m	3.016	ng/ul	
25) Benzo(k)fluoranthene	22.505	252	32256m	0.967	ng/ul	
26) Benzo(a)pyrene	22.993	252	33945	1.306	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.122	276	36289	0.853	ng/ul#	67
28) Dibenzo(a,h)anthracene	25.122	278	9992	0.316	ng/ul#	37
29) Benzo(g,h,i)perylene	25.749	276	6144	0.168	ng/ul#	73

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046285.D
Acq On : 25 Jun 2024 11:05
Operator : MA/JU
Sample : P2844-24
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C49

Manual IntegrationsAPPROVED

Quant Time: Jun 25 12:42:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

