

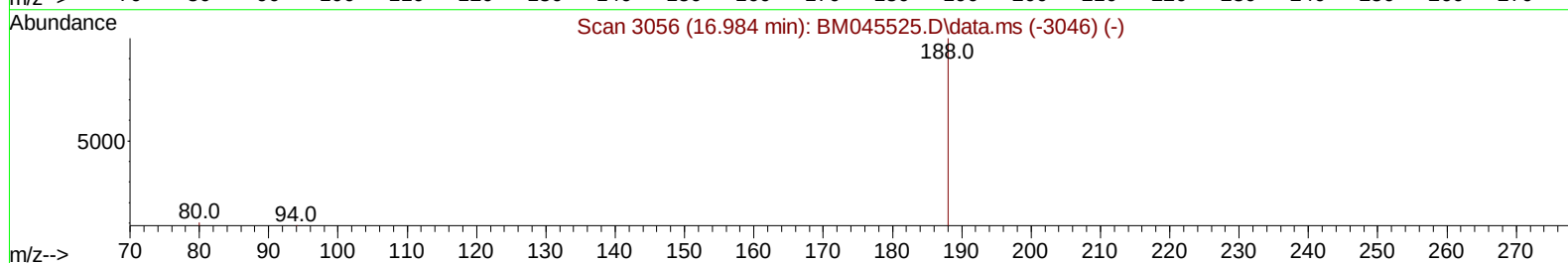
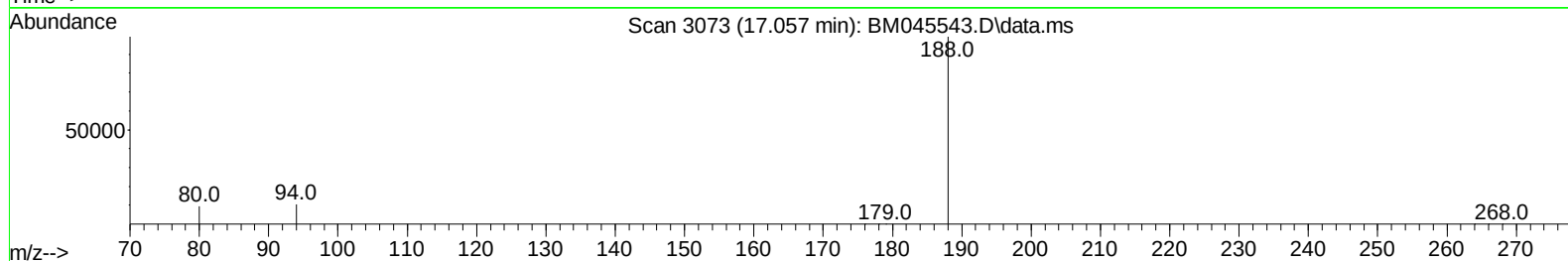
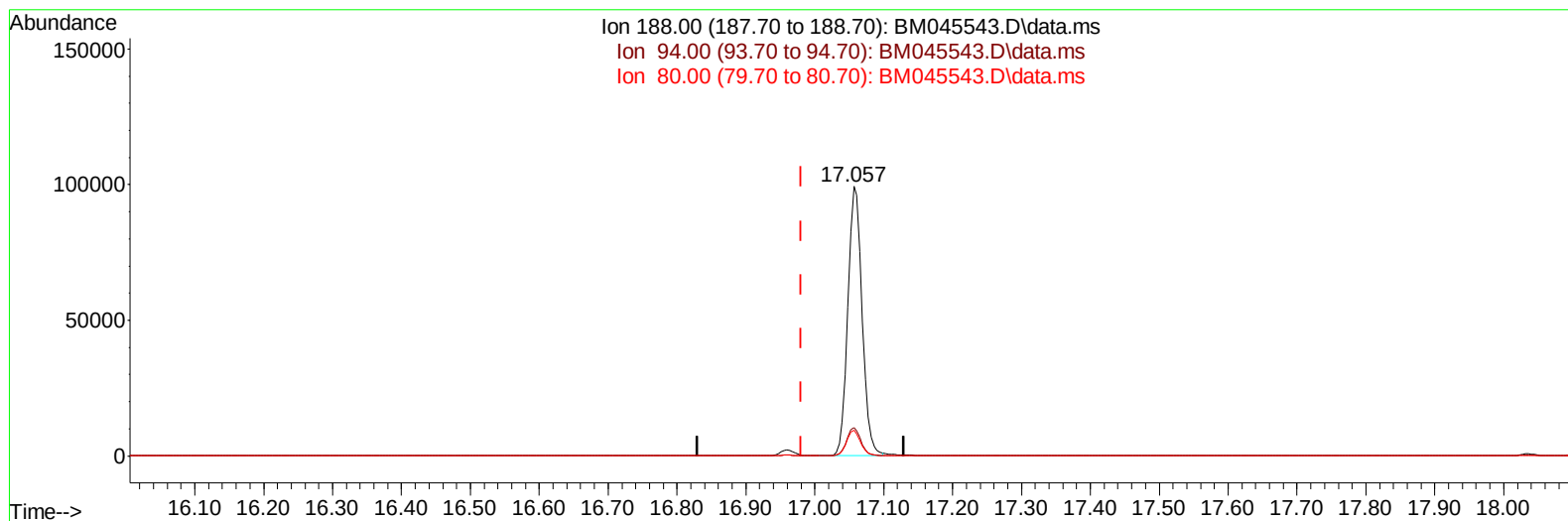
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045543.D
Acq On : 25 Apr 2024 01:02
Operator : MA/JU
Sample : P2104-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA3

Manual IntegrationsAPPROVED

Quant Time: Apr 25 01:43:44 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 : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045543.D\data.ms

(13) Phenanthrene-d10 (I)

17.057min (+ 0.077) 0.40 ng/u1

response 142485

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.61#
80.00	14.80	9.50#
0.00	0.00	0.00

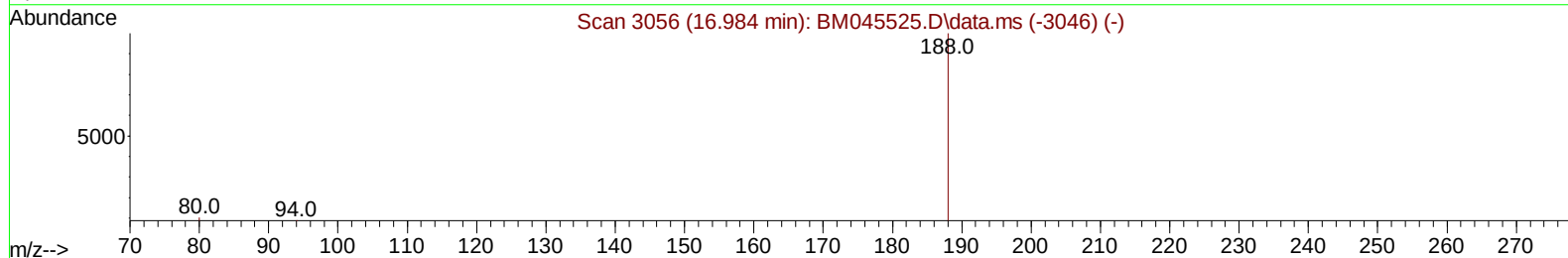
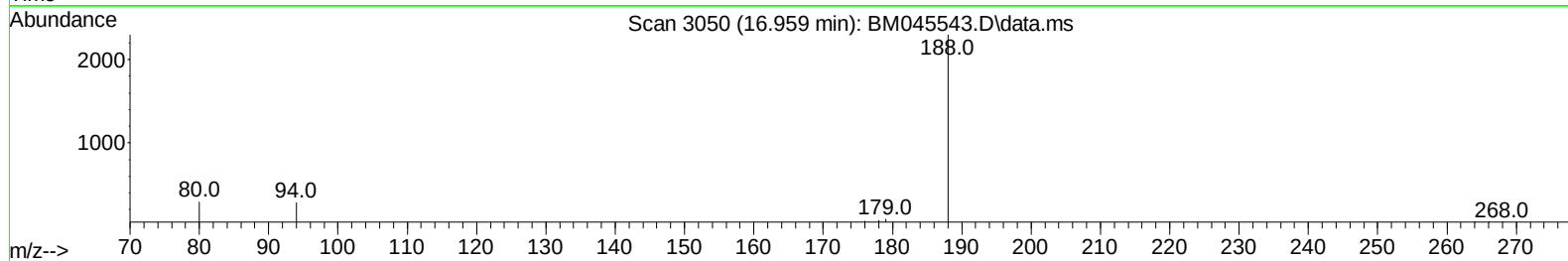
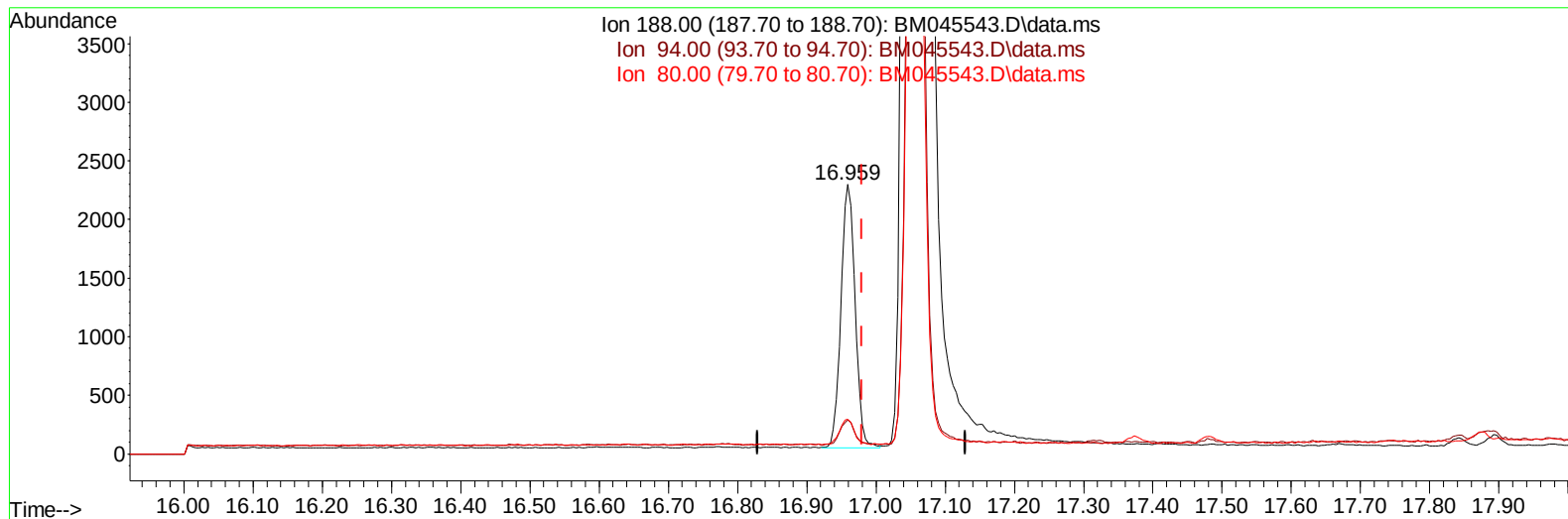
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045543.D
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Operator : MA/JU
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TIC: BM045543.D\data.ms

(13) Phenanthrene-d10 (I)

16.959min (-0.020) 0.40 ng/ul m

response 3199

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	12.57
80.00	14.80	12.88
0.00	0.00	0.00

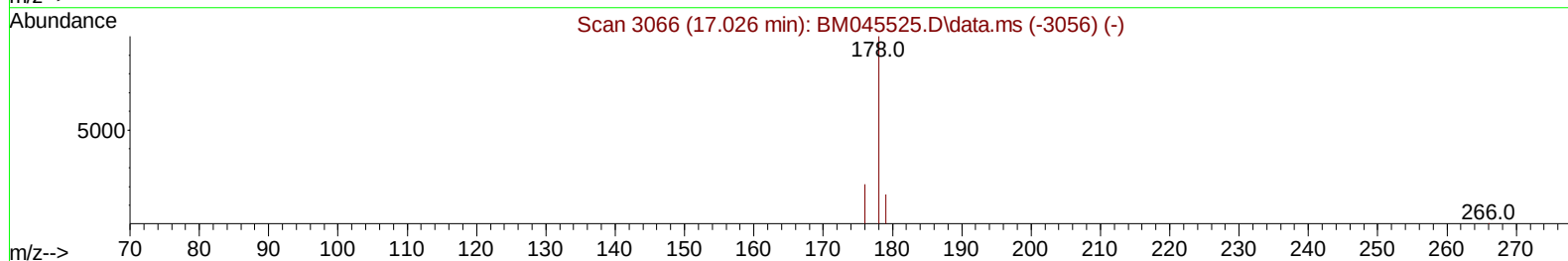
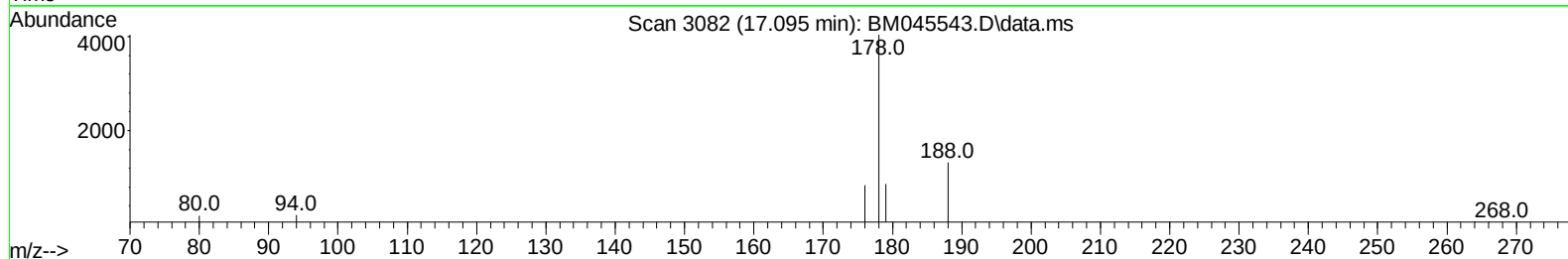
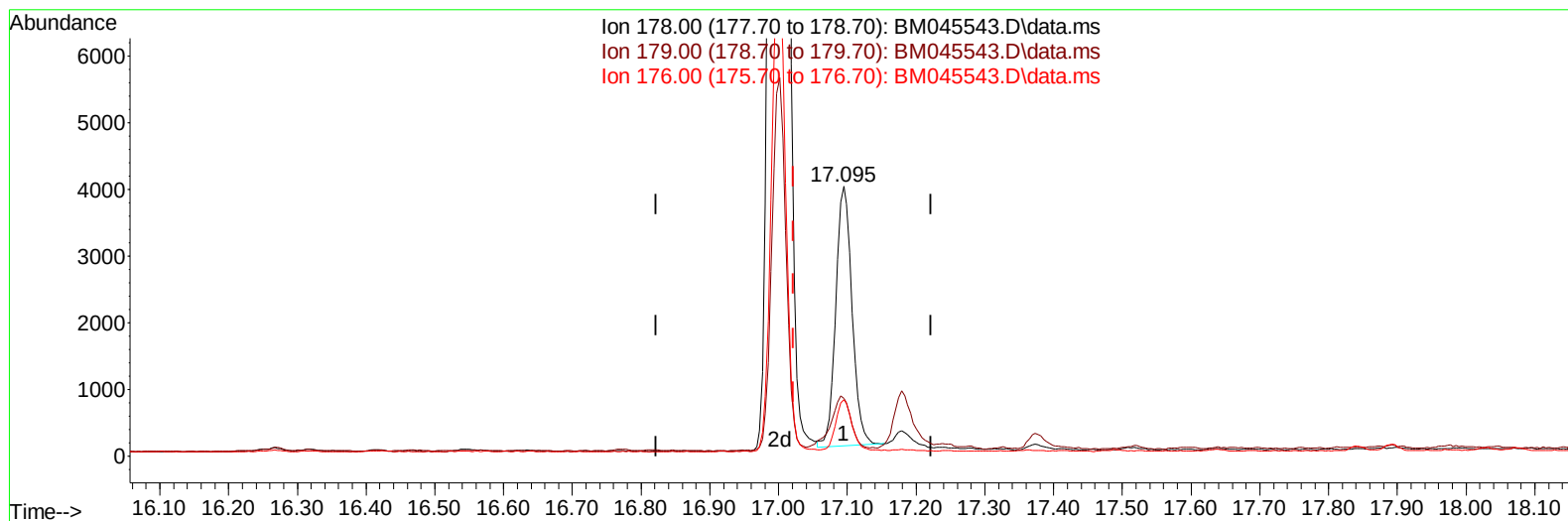
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TIC: BM045543.D\data.ms

(15) Phenanthrene

17.095min (+ 0.073) 0.68 ng/u1

response 6371

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	21.45
176.00	23.70	20.79
0.00	0.00	0.00

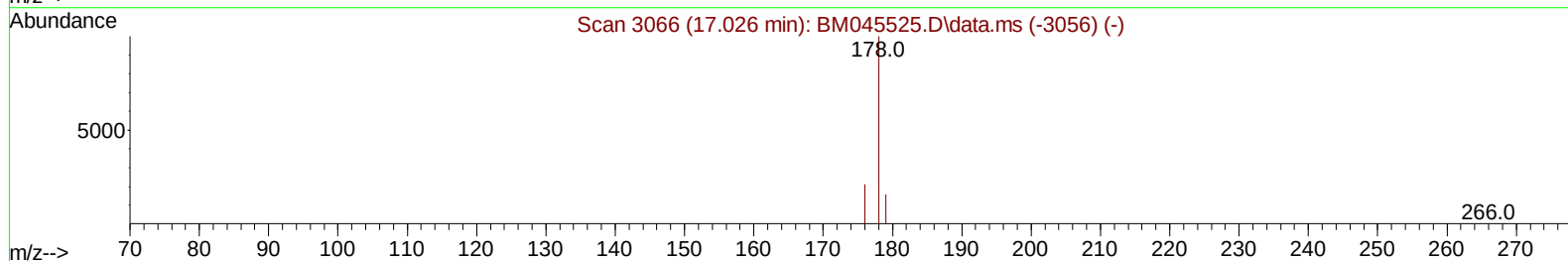
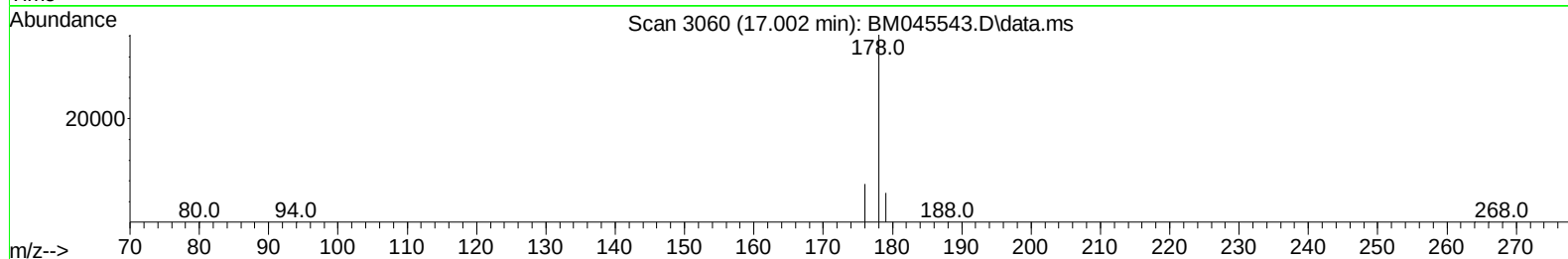
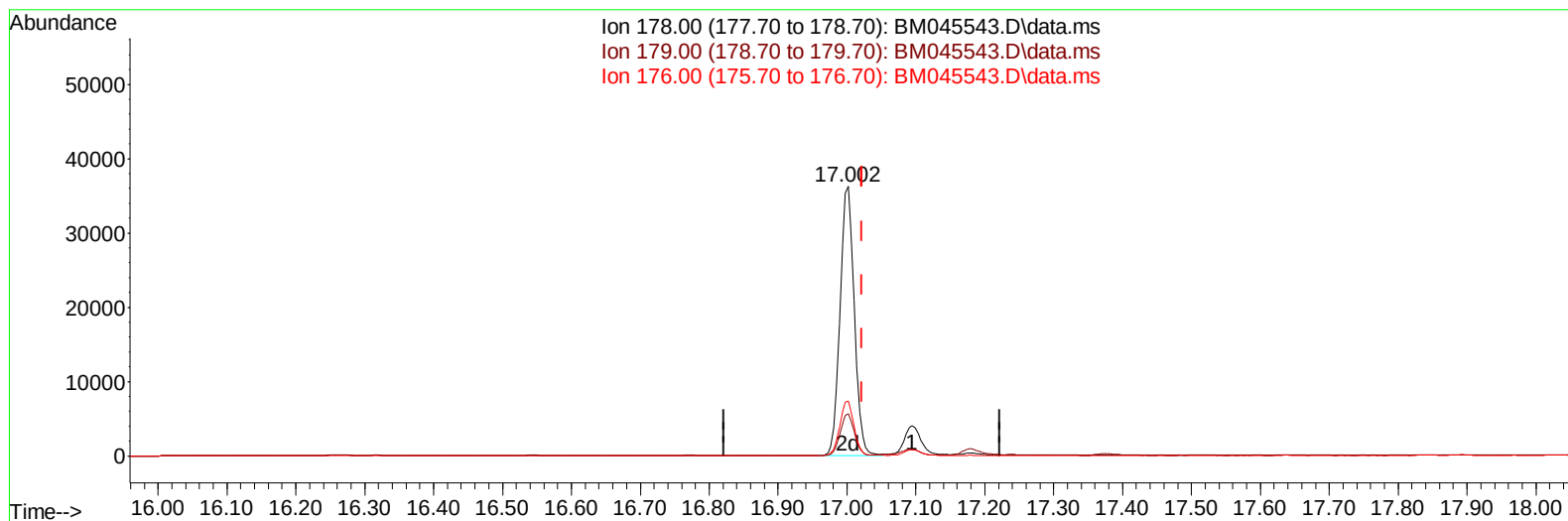
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
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 Operator : MA/JU
 Sample : P2104-02
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Instrument :
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TIC: BM045543.D\data.ms

(15) Phenanthrene

17.002min (-0.020) 5.61 ng/ul m

response 52273

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	15.66
176.00	23.70	20.30
0.00	0.00	0.00

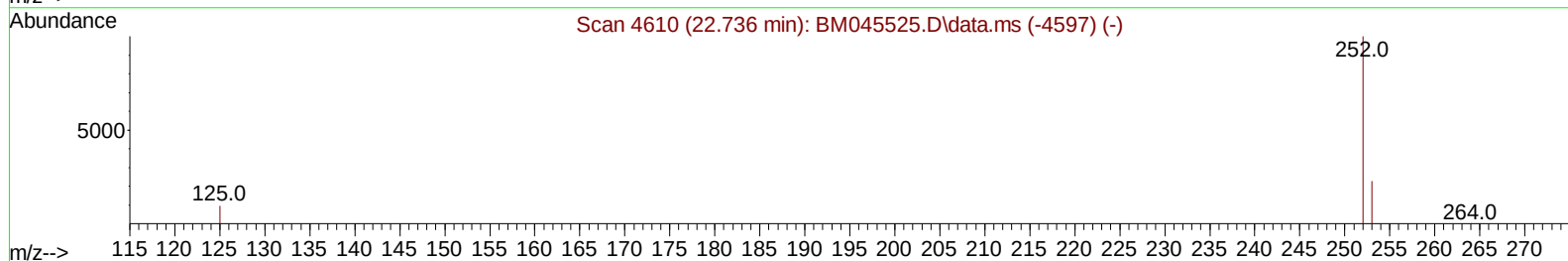
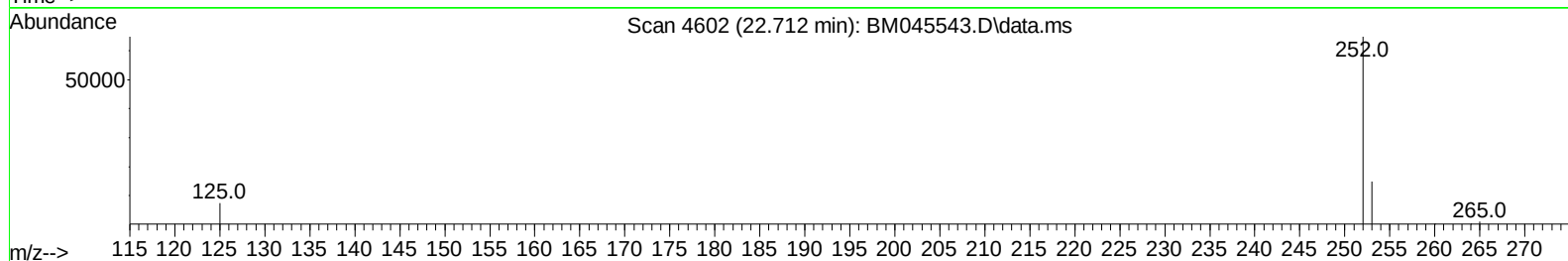
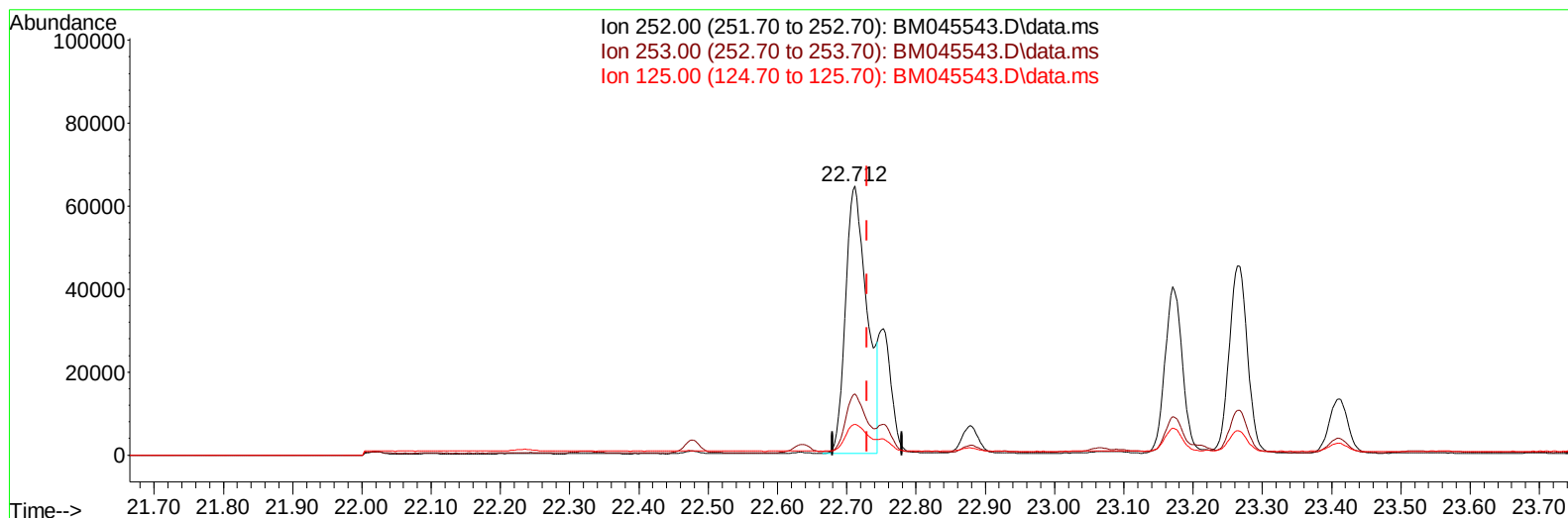
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Instrument :
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TIC: BM045543.D\data.ms

(24) Benzo(b)fluoranthene

22.712min (-0.018) 11.05 ng/u1

response 139254

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	22.78
125.00	18.40	11.49
0.00	0.00	0.00

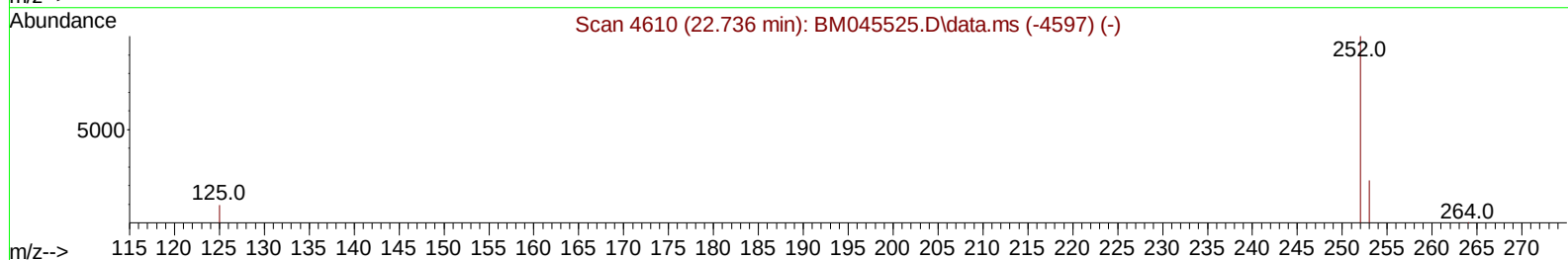
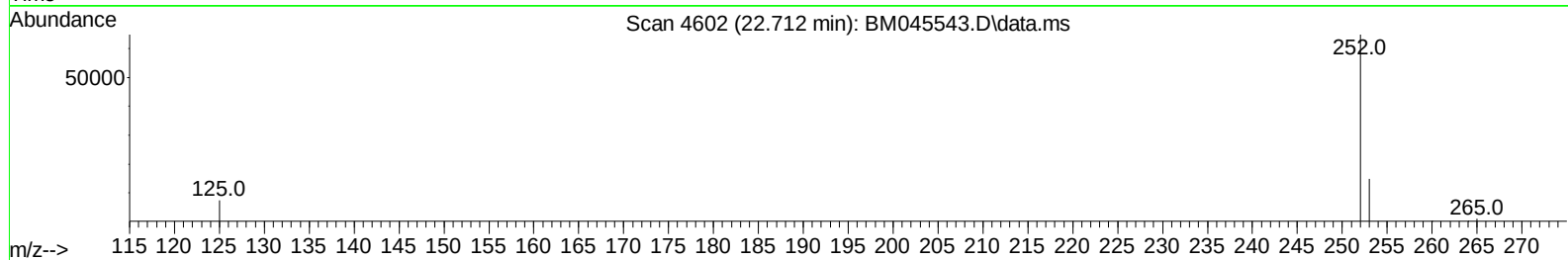
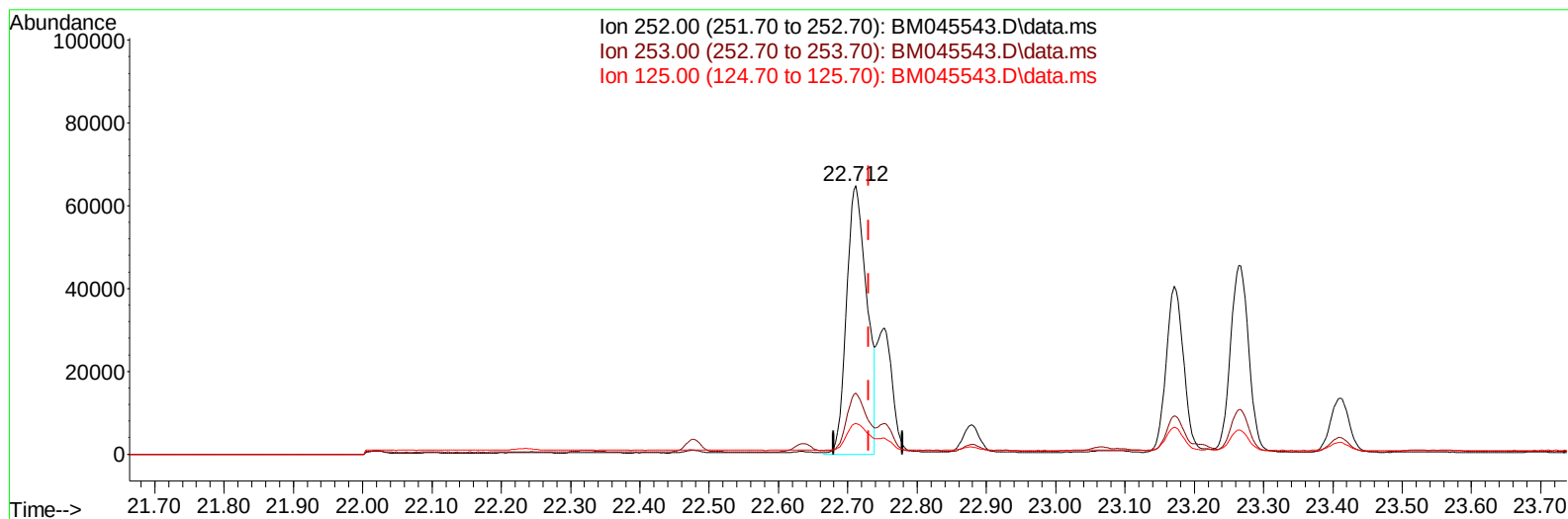
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
Data File : BM045543.D
Acq On : 25 Apr 2024 01:02
Operator : MA/JU
Sample : P2104-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA3

Manual IntegrationsAPPROVED

Quant Time: Apr 25 01:43:44 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 : Wed Apr 24 05:17:39 2024
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Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045543.D\data.ms

(24) Benzo(b)fluoranthene

22.712min (-0.018) 10.45 ng/ul m

response 131679

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	22.78
125.00	18.40	11.49
0.00	0.00	0.00

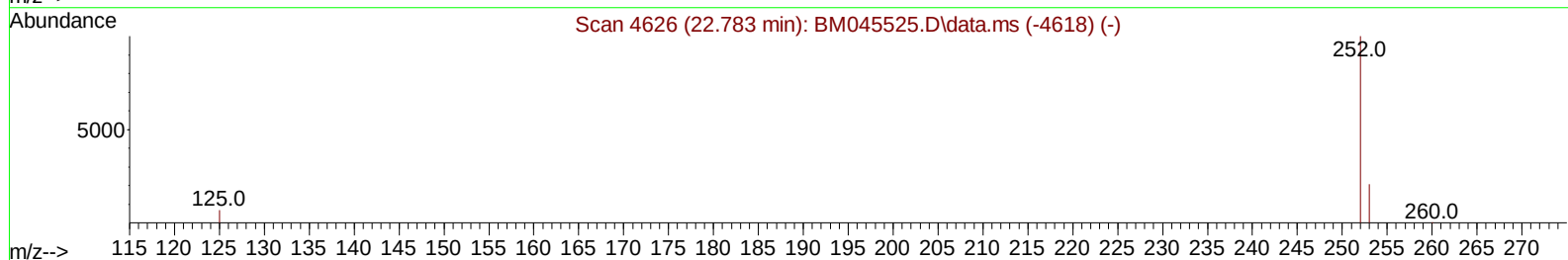
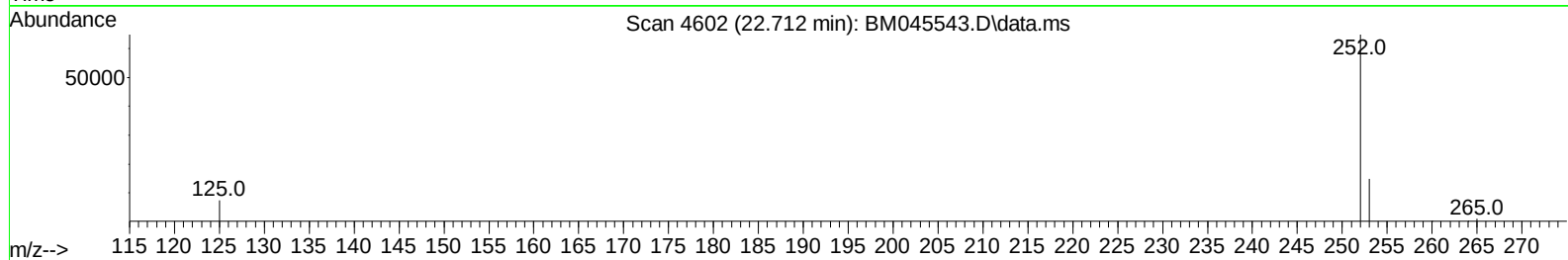
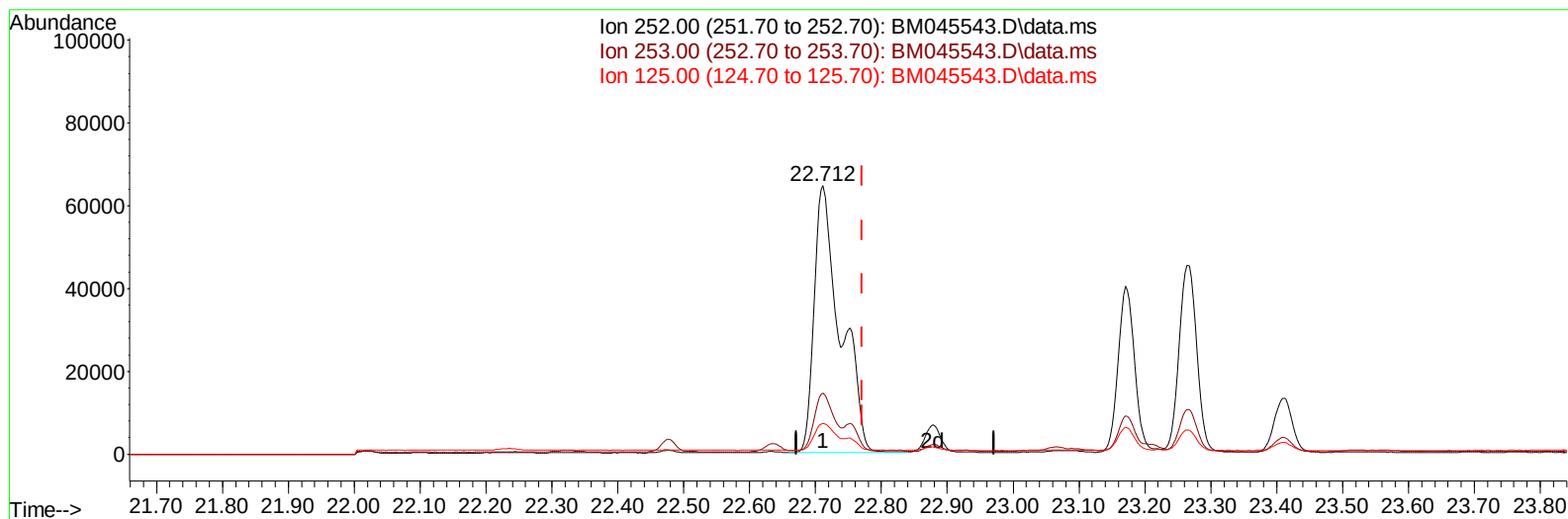
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Data File : BM045543.D
Acq On : 25 Apr 2024 01:02
Operator : MA/JU
Sample : P2104-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA3

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TIC: BM045543.D\data.ms

(25) Benzo(k)fluoranthene

22.712min (-0.059) 11.16 ng/u1

response 177711

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	22.78#
125.00	18.50	11.49#
0.00	0.00	0.00

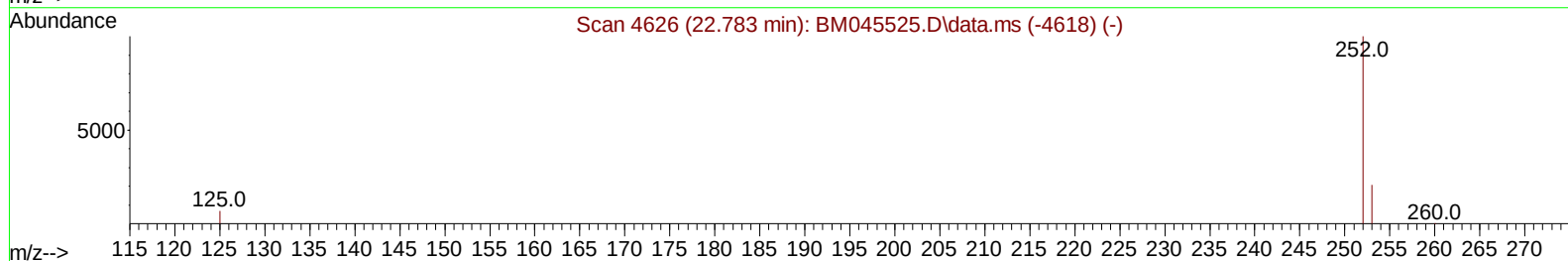
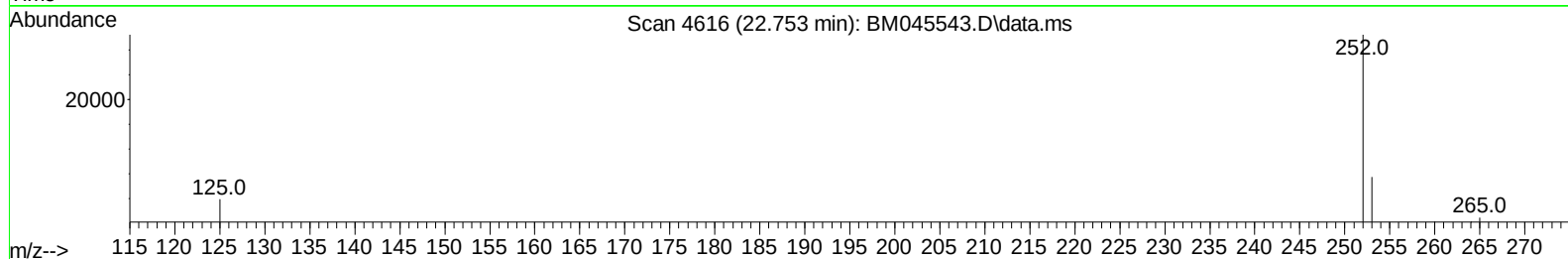
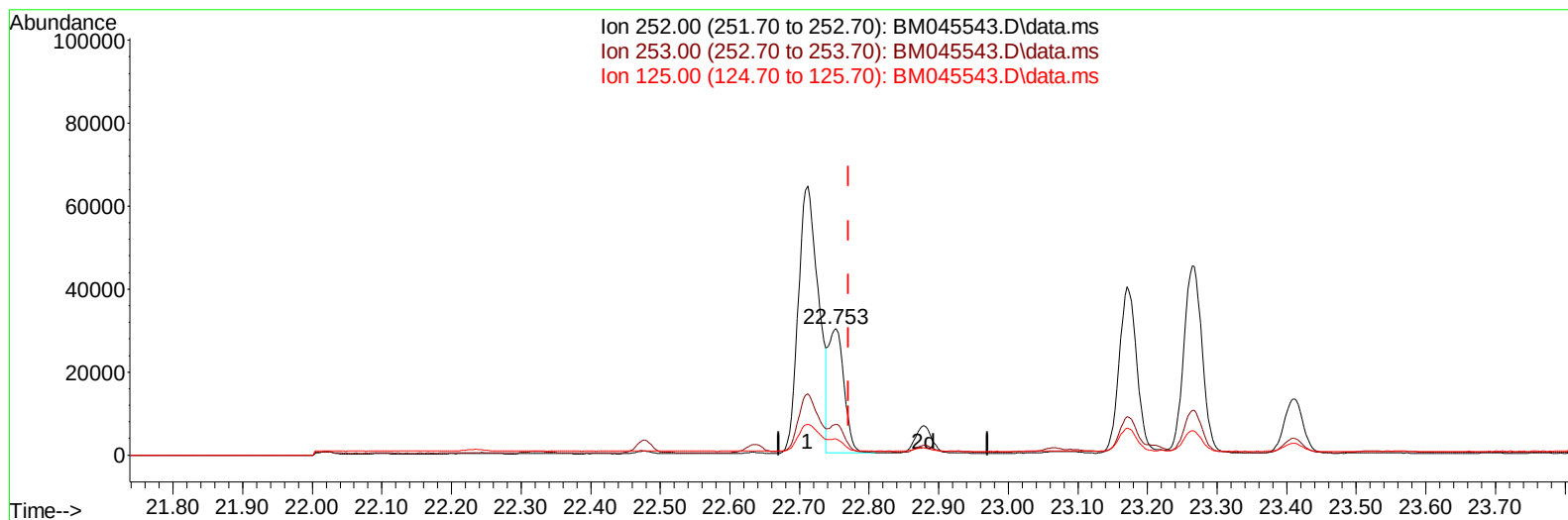
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045543.D
 Acq On : 25 Apr 2024 01:02
 Operator : MA/JU
 Sample : P2104-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA3

Manual IntegrationsAPPROVED

Quant Time: Apr 25 01:43:44 2024
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TIC: BM045543.D\data.ms

(25) Benzo(k)fluoranthene

22.753min (-0.018) 2.92 ng/ul m

response 46510

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	24.41#
125.00	18.50	12.67#
0.00	0.00	0.00

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 Data File : BM045543.D
 Acq On : 25 Apr 2024 01:02
 Operator : MA/JU
 Sample : P2104-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA3

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.547	152		1002	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136		2763	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164		1477	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188		3199m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.175	240		2996	0.400	ng/ul	#-0.02
23) Perylene-d12	23.364	264		3747	0.400	ng/ul	#-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.163	96		3990	2.971	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.925	152		826	0.227	ng/ul	0.00
18) Fluoranthene-d10	19.002	212		1808	0.192	ng/ul	-0.02
Target Compounds							
							Qvalue
5) Naphthalene	10.363	128		930	0.125	ng/ul	94
7) 2-Methylnaphthalene	12.002	142		525	0.124	ng/ul	93
8) 1-Methylnaphthalene	12.222	142		401	0.084	ng/ul	100
10) Acenaphthylene	13.919	152		1481	0.203	ng/ul	92
11) Acenaphthene	14.261	153		1558	0.288	ng/ul	98
12) Fluorene	15.261	166		2263	0.391	ng/ul	98
15) Phenanthrene	17.002	178		52273m	5.611	ng/ul	
16) Anthracene	17.095	178		6280	0.720	ng/ul	96
19) Fluoranthene	19.034	202		146216	10.576	ng/ul#	87
20) Pyrene	19.397	202		129554	9.116	ng/ul#	91
21) Benzo(a)anthracene	21.160	228		54422	5.683	ng/ul	94
22) Chrysene	21.213	228		71282	4.841	ng/ul	97
24) Benzo(b)fluoranthene	22.712	252		131679m	10.447	ng/ul	
25) Benzo(k)fluoranthene	22.753	252		46510m	2.921	ng/ul	
26) Benzo(a)pyrene	23.264	252		83422	6.382	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.537	276		96128	5.059	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.544	278		17565	1.166	ng/ul	93
29) Benzo(g,h,i)perylene	26.204	276		95999	5.623	ng/ul#	91

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

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