

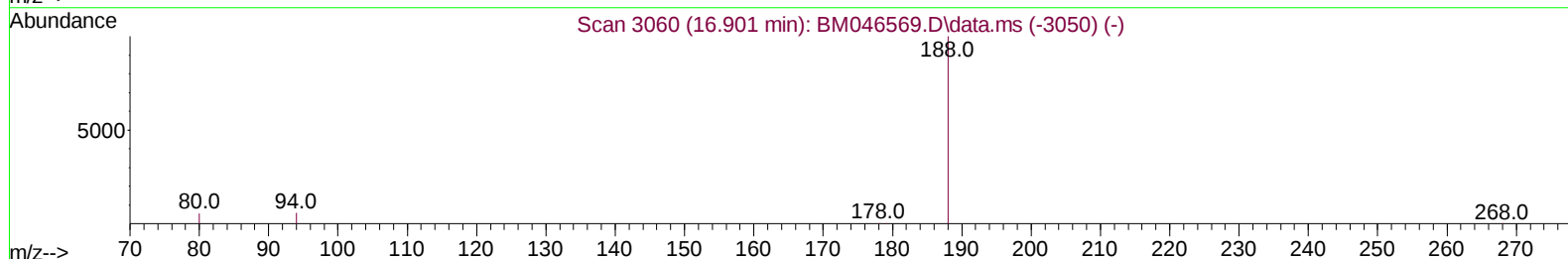
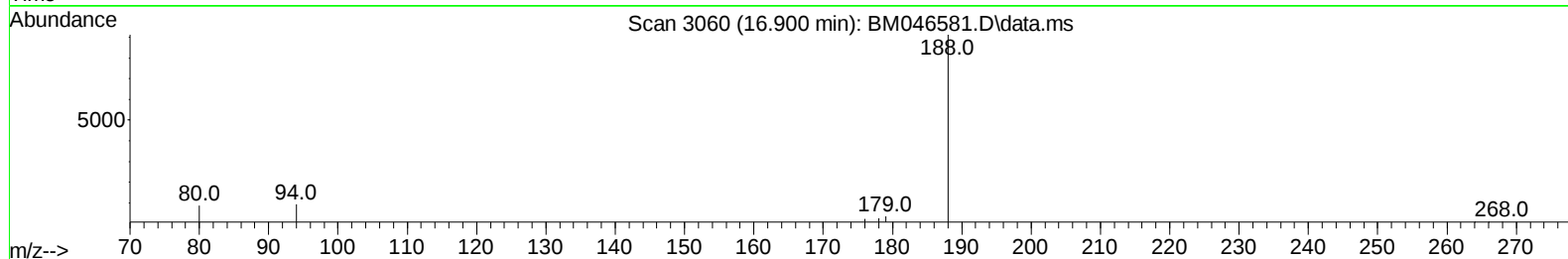
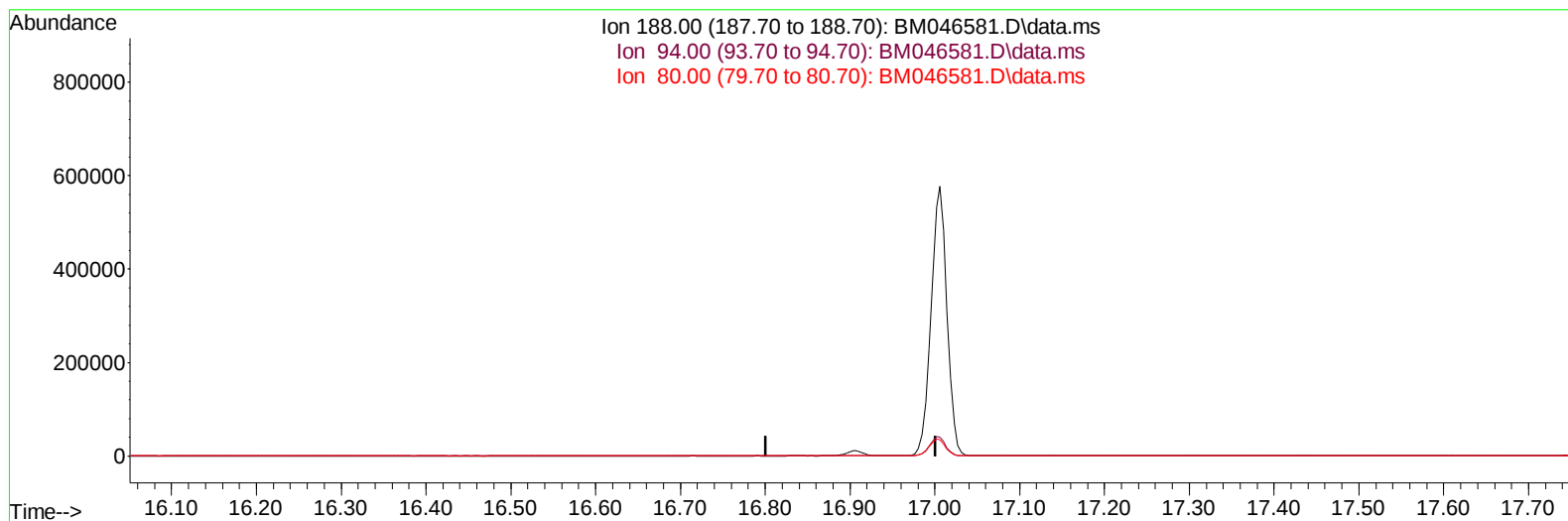
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046581.D
Acq On : 13 Jul 2024 13:51
Operator : MA/JU
Sample : P3088-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CZ0

Manual IntegrationsAPPROVED

Quant Time: Jul 15 09:02:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BM046581.D\data.ms

(13) Phenanthrene-d10 (I)

16.901min (-16.901) 0.00 ng/u1

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	6.40	0.00#
80.00	6.60	0.00#
0.00	0.00	0.00

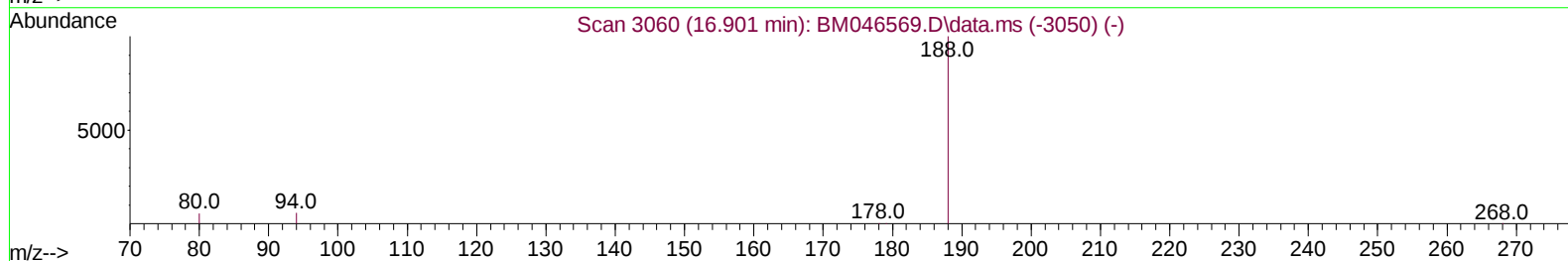
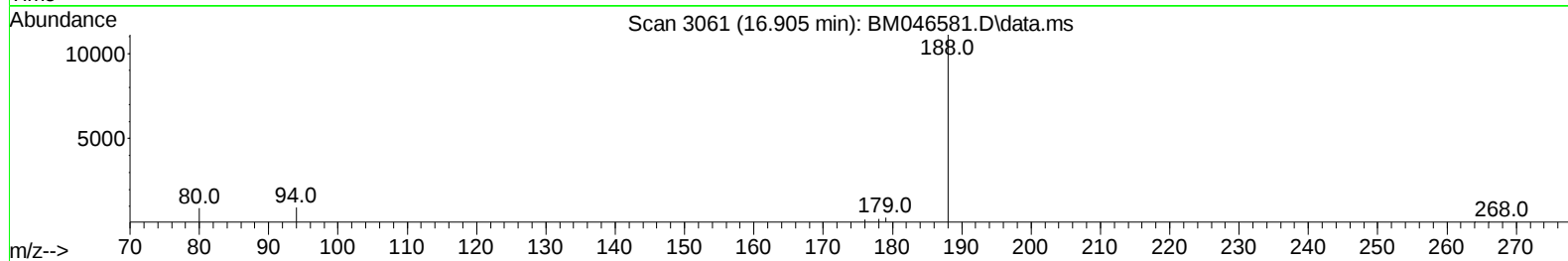
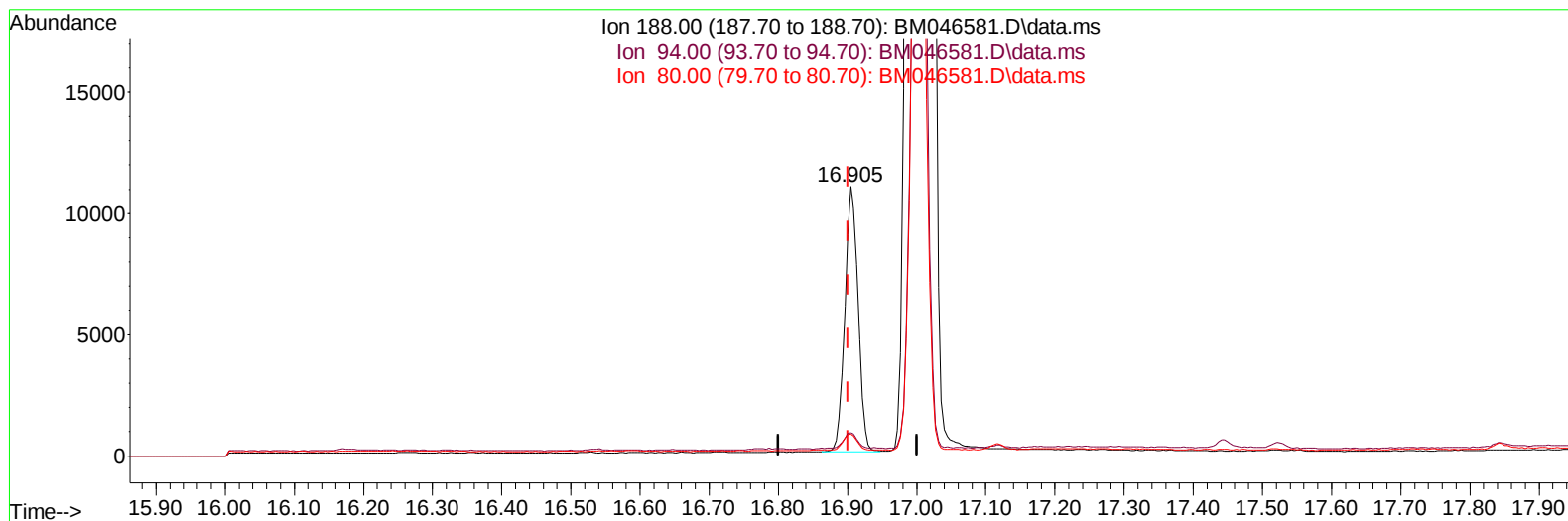
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TIC: BM046581.D\data.ms

(13) Phenanthrene-d10 (I)

16.905min (+ 0.004) 0.40 ng/ul m

response 14510

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.40	8.52#
80.00	6.60	8.24#
0.00	0.00	0.00

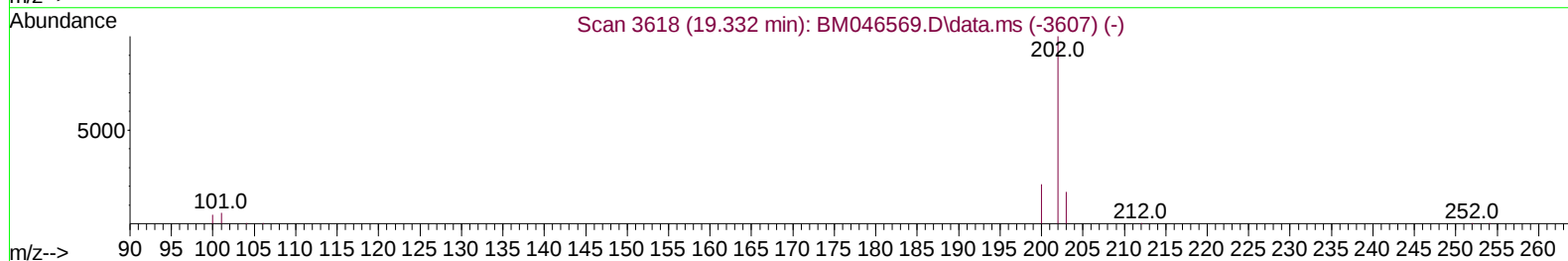
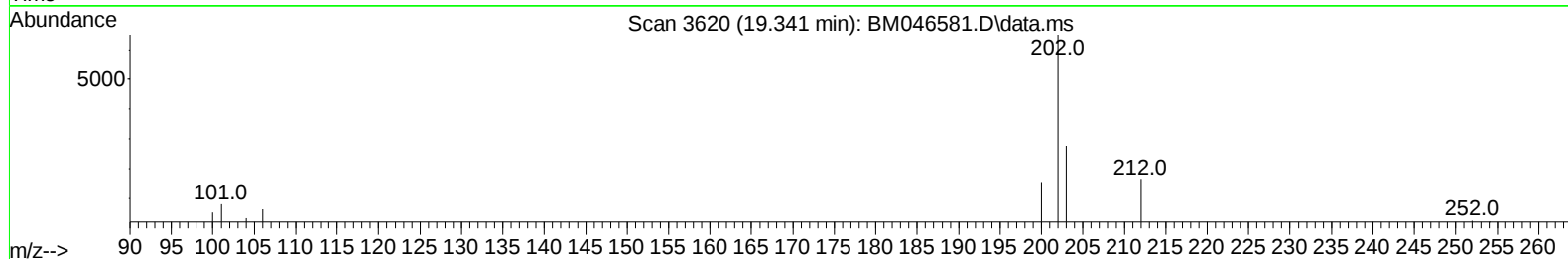
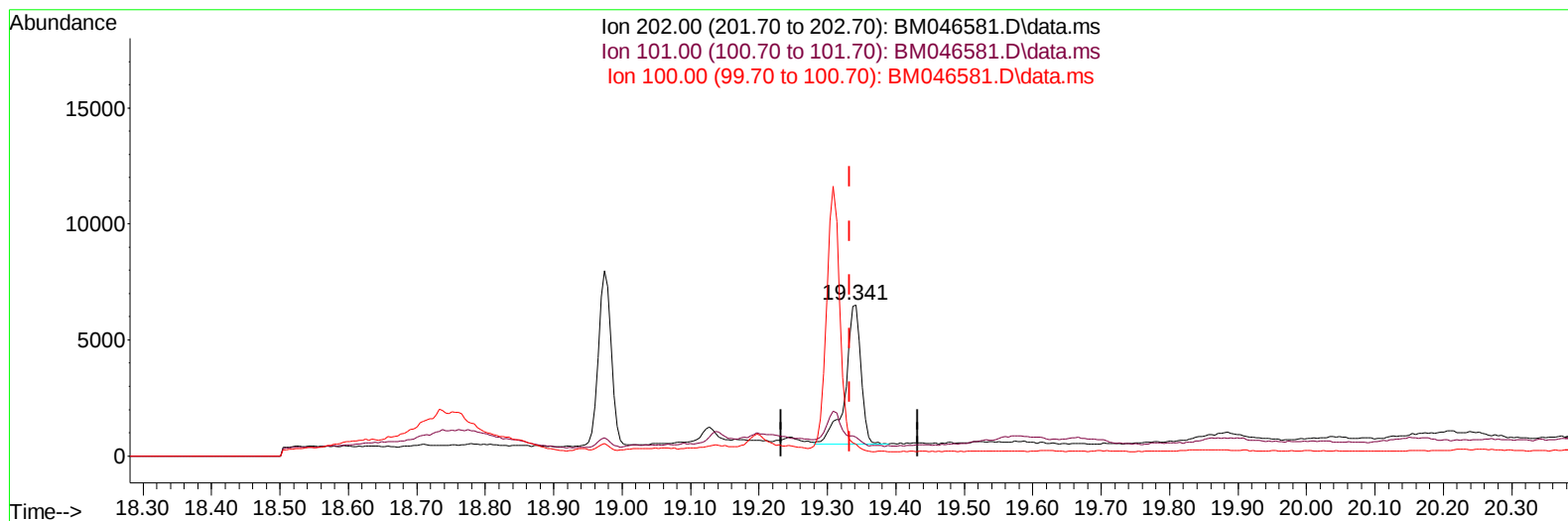
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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046581.D\data.ms

(20) Pyrene

19.341min (+ 0.009) 0.23 ng/u1

response 9243

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.40	12.34#
100.00	4.70	7.98#
0.00	0.00	0.00

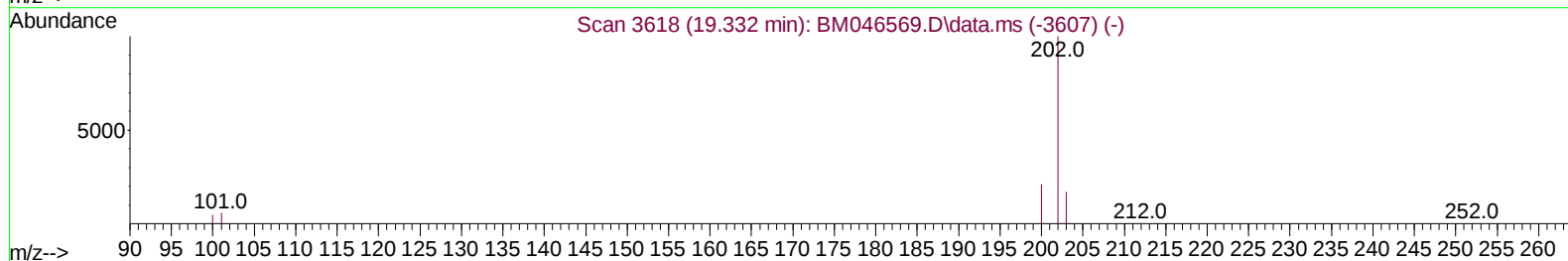
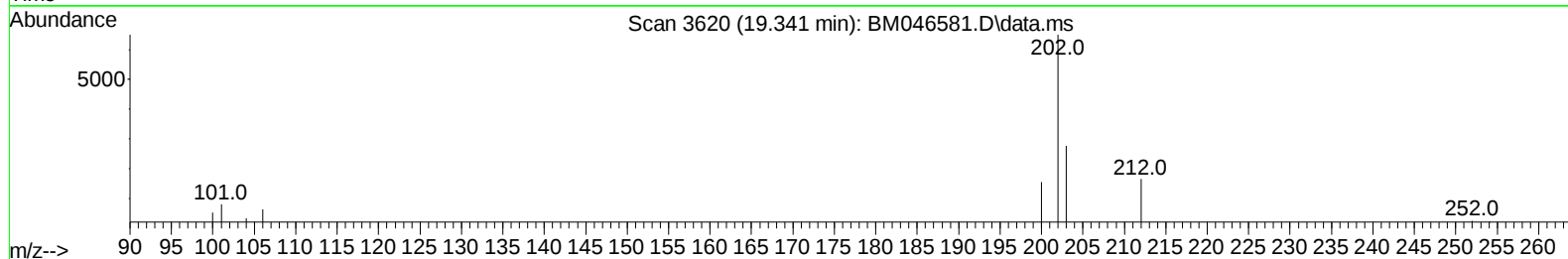
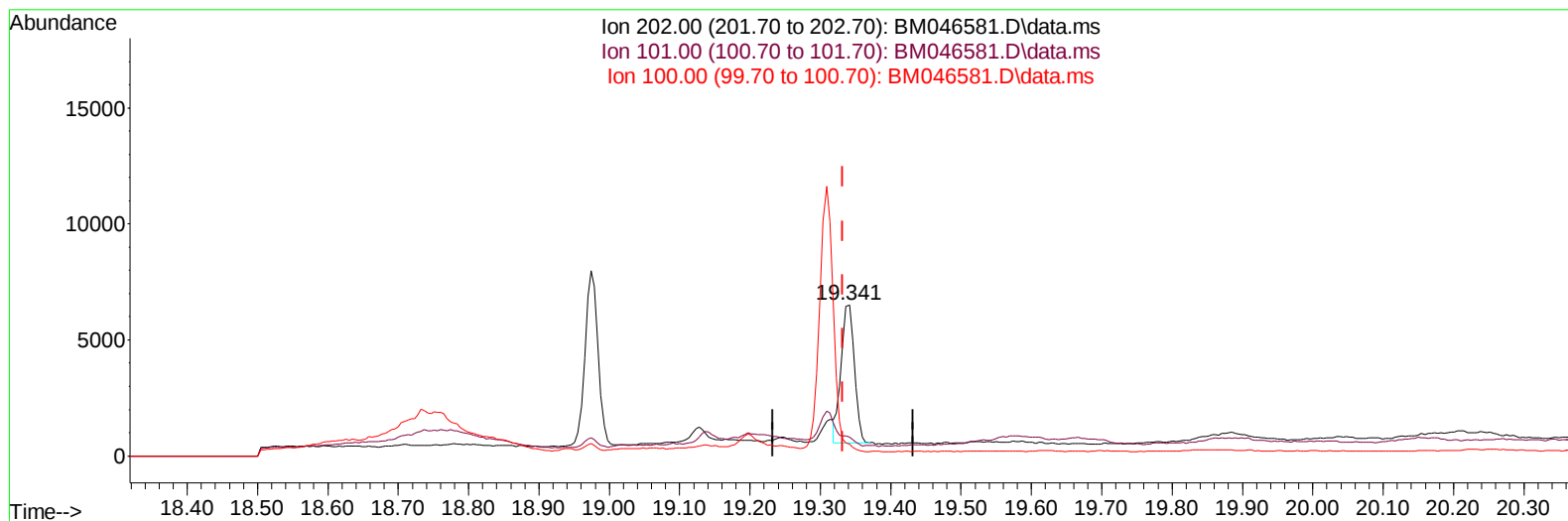
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TIC: BM046581.D\data.ms

(20) Pyrene

19.341min (+ 0.009) 0.19 ng/ul m

response 7811

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.40	12.34#
100.00	4.70	7.98#
0.00	0.00	0.00

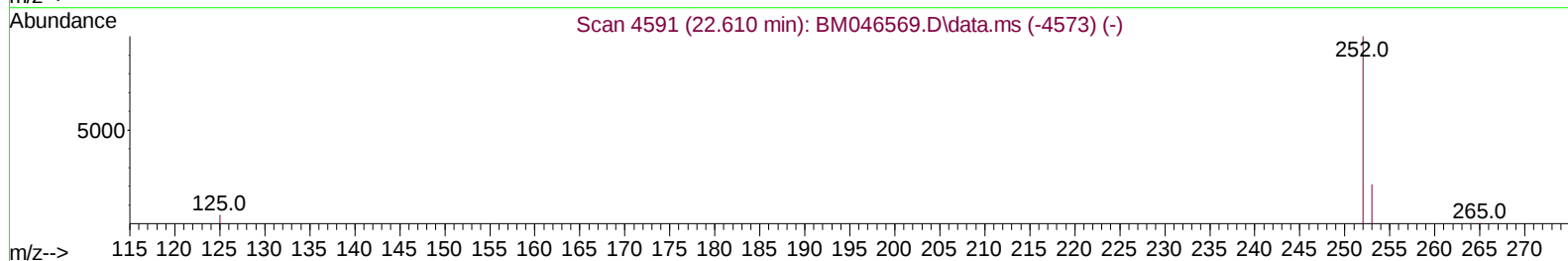
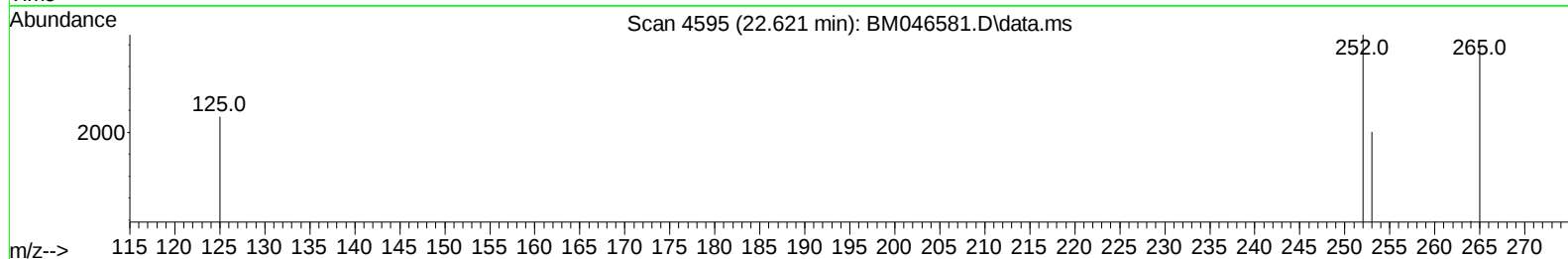
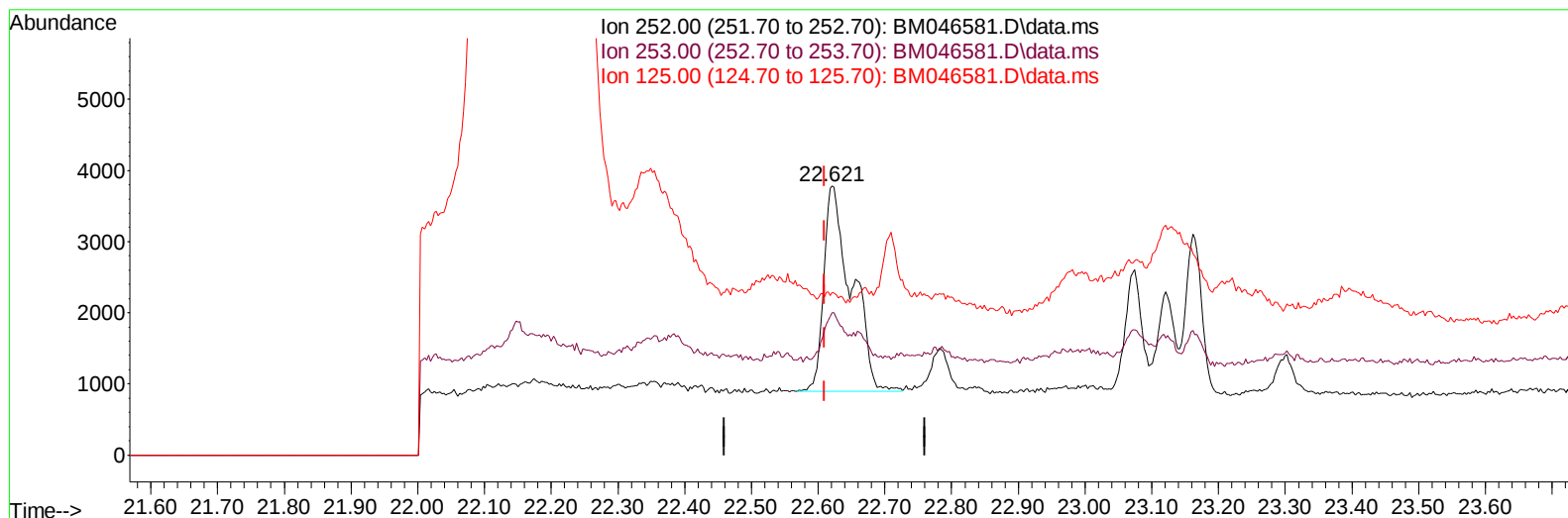
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TIC: BM046581.D\data.ms

(24) Benzo(b)fluoranthene

22.621min (+ 0.011) 0.22 ng/u1

response 8360

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	53.04
125.00	8.90	60.48#
0.00	0.00	0.00

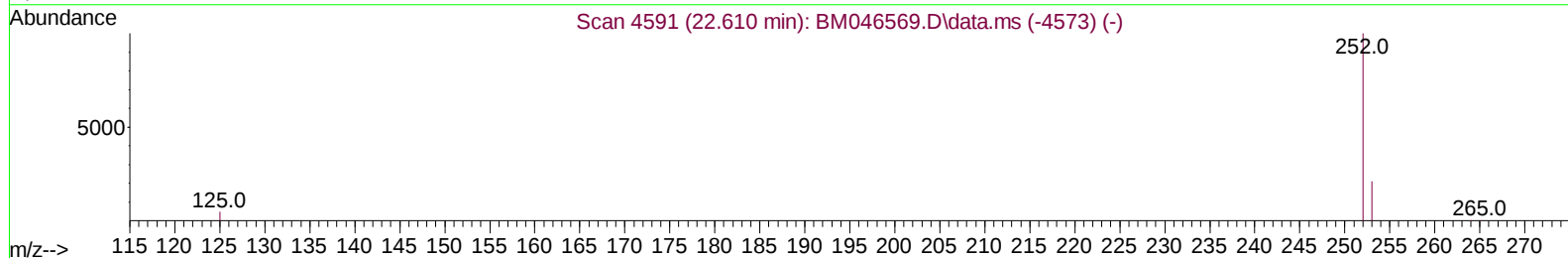
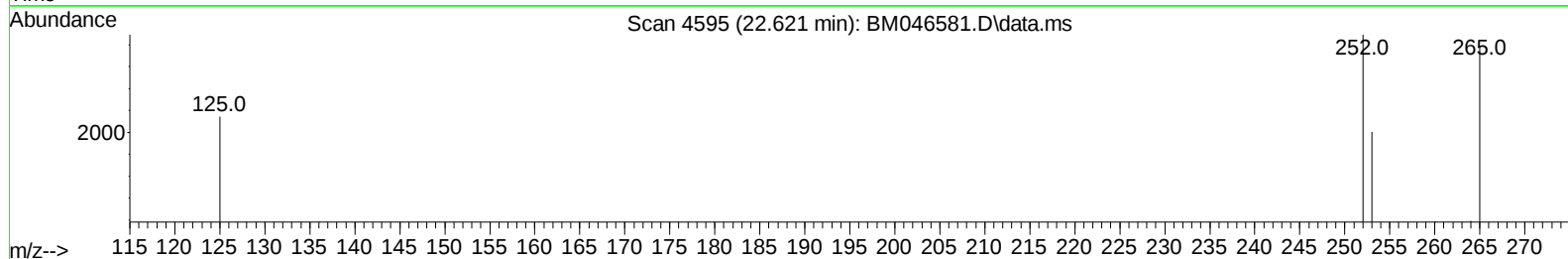
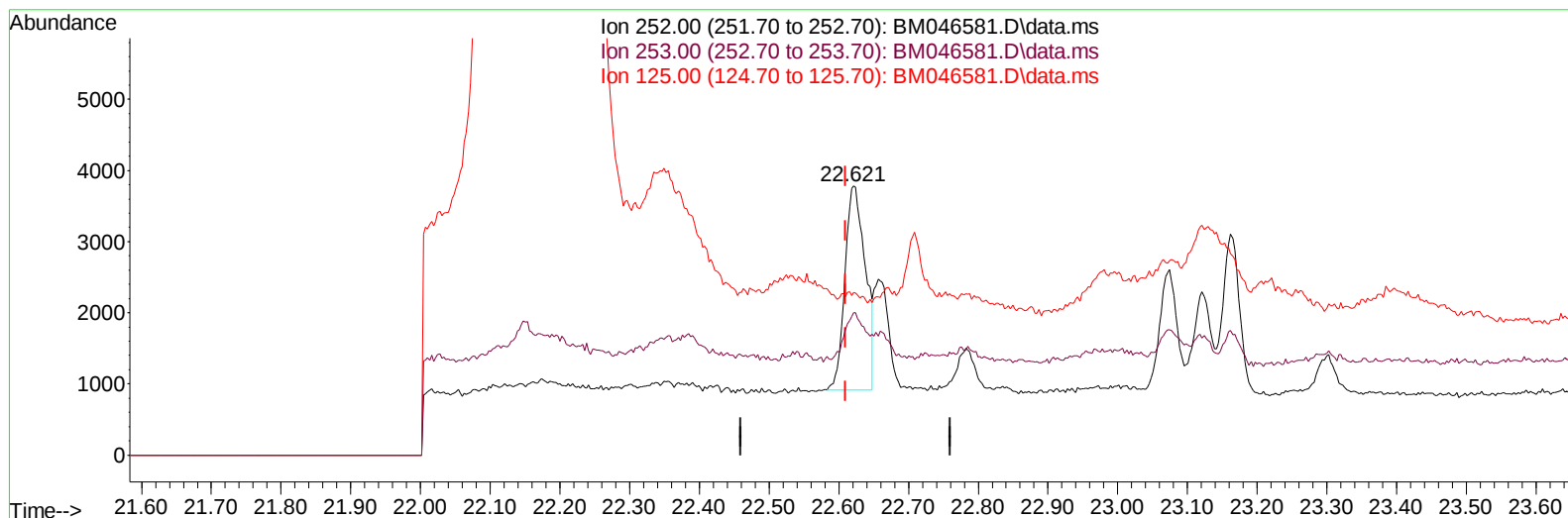
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046581.D
Acq On : 13 Jul 2024 13:51
Operator : MA/JU
Sample : P3088-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CZ0

Manual IntegrationsAPPROVED

Quant Time: Jul 15 09:02:08 2024
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TIC: BM046581.D\data.ms

(24) Benzo(b)fluoranthene

22.621min (+ 0.011) 0.15 ng/ul m

response 5857

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	53.04
125.00	8.90	60.48#
0.00	0.00	0.00

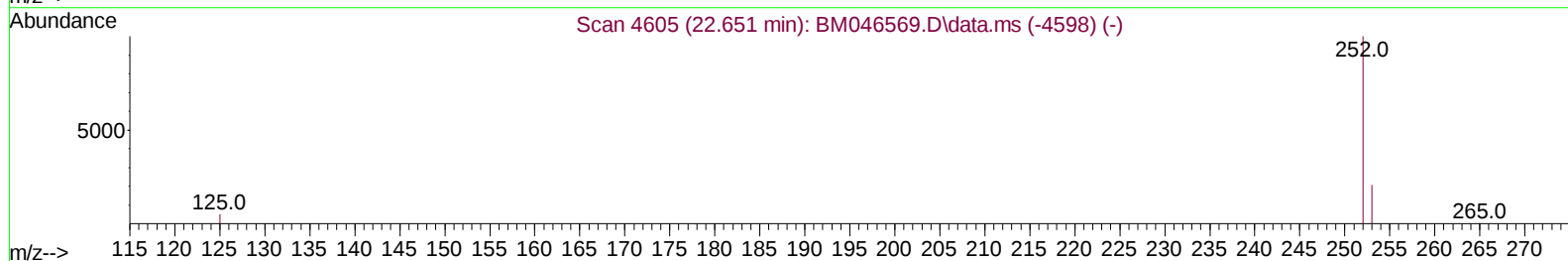
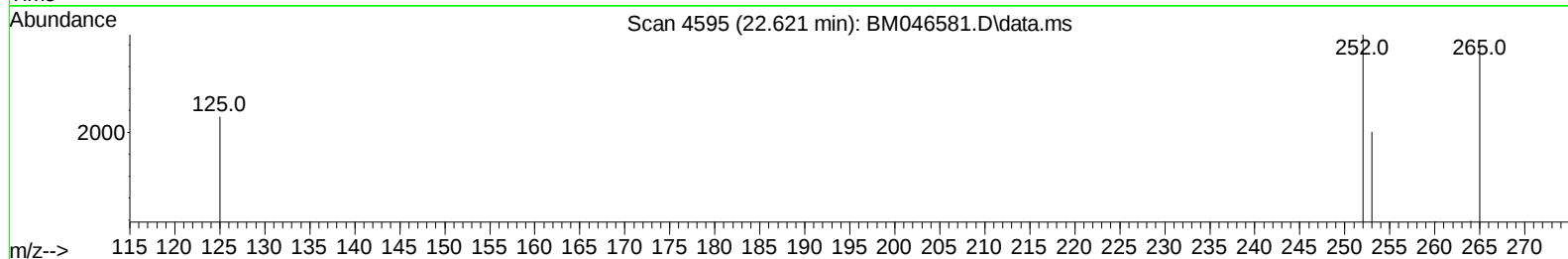
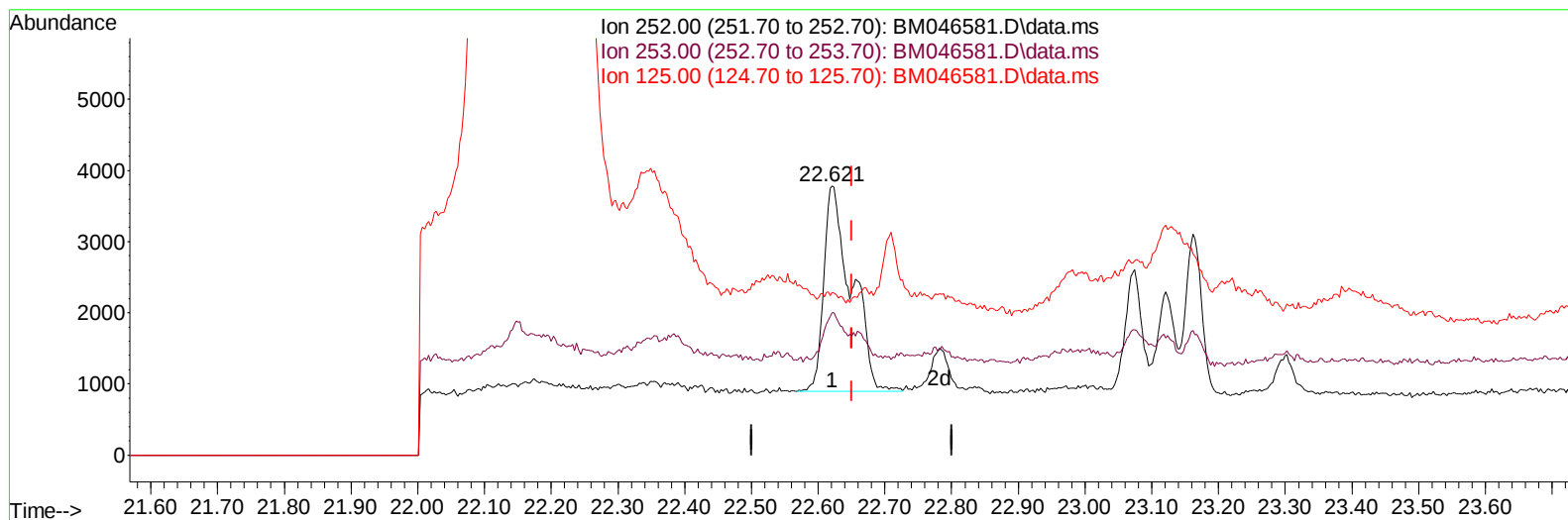
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Operator : MA/JU
Sample : P3088-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CZ0

Manual IntegrationsAPPROVED

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TIC: BM046581.D\data.ms

(25) Benzo(k)fluoranthene

22.621min (-0.030) 0.22 ng/u1

response 8360

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	53.04#
125.00	8.70	60.48#
0.00	0.00	0.00

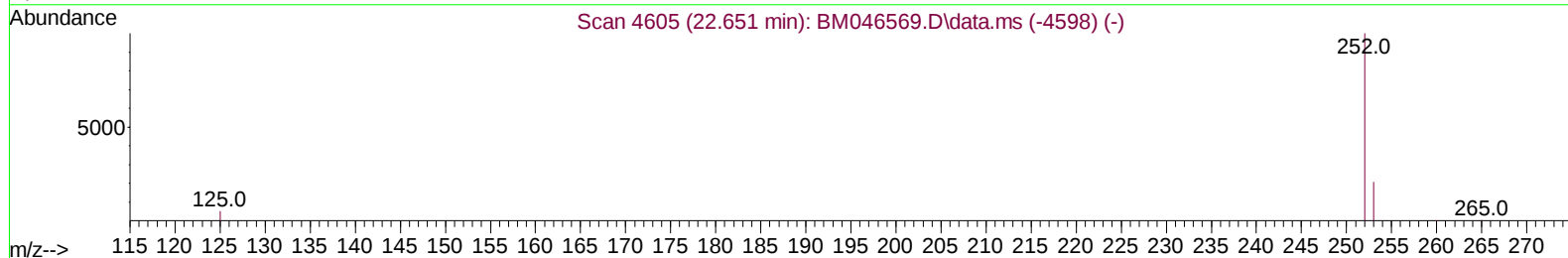
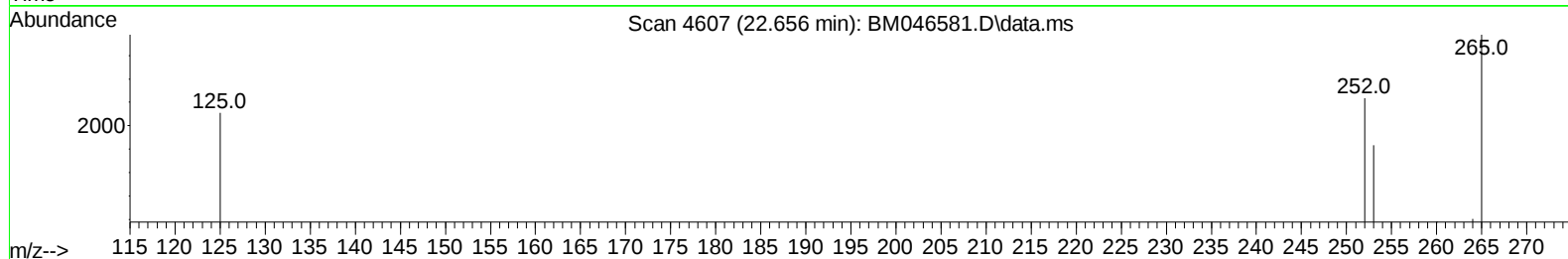
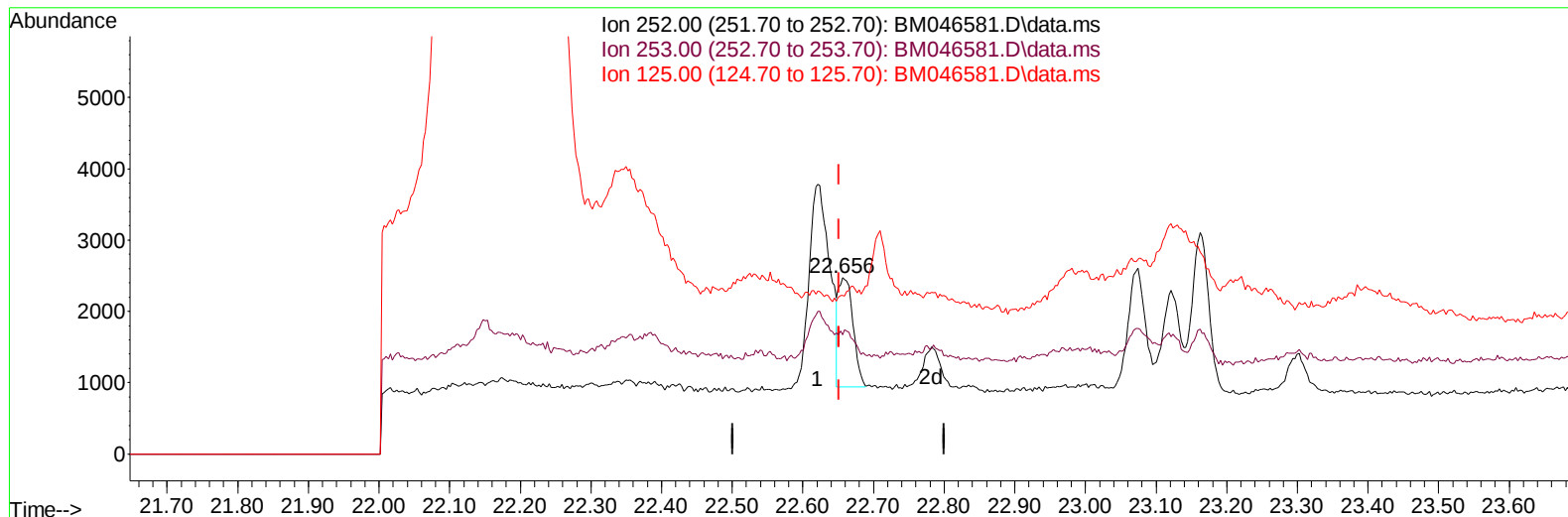
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Data File : BM046581.D
Acq On : 13 Jul 2024 13:51
Operator : MA/JU
Sample : P3088-19
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CZ0

Manual IntegrationsAPPROVED

Quant Time: Jul 15 09:02:08 2024
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TIC: BM046581.D\data.ms

(25) Benzo(k)fluoranthene

22.656min (+ 0.005) 0.06 ng/u1 m

response 2165

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	67.50#
125.00	8.70	90.04#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
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 Operator : MA/JU
 Sample : P3088-19
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CZ0

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.510	152		4044	0.400	ng/ul	0.00
4) Naphthalene-d8	10.271	136		11375	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.155	164		7104	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188		14510m	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240		9166	0.400	ng/ul	# 0.00
23) Perylene-d12	23.256	264		9566	0.400	ng/ul	0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.122	96		8051	2.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.871	152		4054	0.221	ng/ul	0.00
18) Fluoranthene-d10	18.946	212		8116	0.291	ng/ul	0.00
Target Compounds							
						Qvalue	
15) Phenanthrene	16.947	178		4208	0.102	ng/ul#	84
16) Anthracene	17.040	178		931	0.023	ng/ul#	40
19) Fluoranthene	18.974	202		10051	0.267	ng/ul#	89
20) Pyrene	19.341	202		7811m	0.192	ng/ul	
21) Benzo(a)anthracene	21.096	228		4012	0.099	ng/ul#	61
22) Chrysene	21.146	228		4586	0.117	ng/ul#	68
24) Benzo(b)fluoranthene	22.621	252		5857m	0.153	ng/ul	
25) Benzo(k)fluoranthene	22.656	252		2165m	0.058	ng/ul	
26) Benzo(a)pyrene	23.162	252		3635	0.116	ng/ul#	8
27) Indeno(1,2,3-cd)pyrene	25.376	276		3254	0.068	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.393	278		788	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	26.020	276		3315	0.087	ng/ul#	37

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

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