

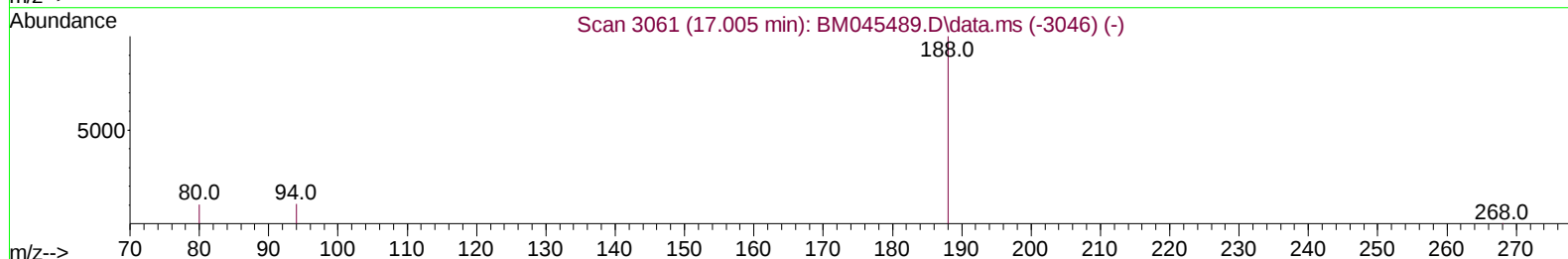
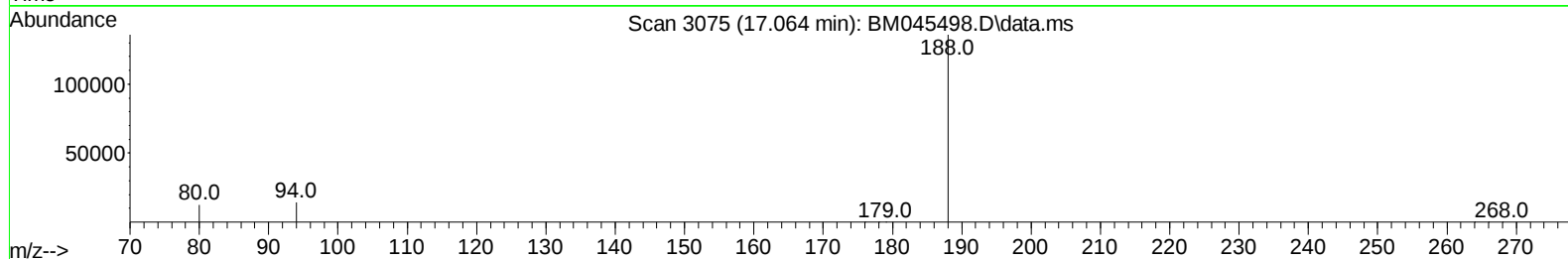
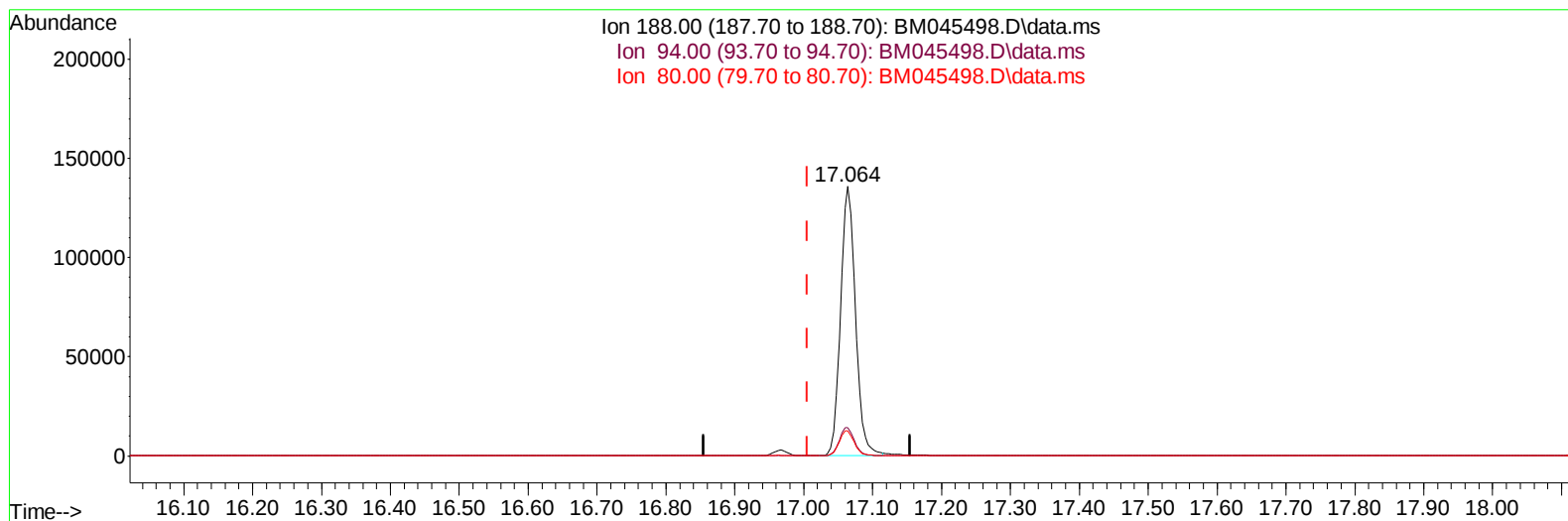
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045498.D
Acq On : 23 Apr 2024 02:41
Operator : MA/JU
Sample : P2037-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY6

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:35 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: BM045498.D\data.ms

(13) Phenanthrene-d10 (I)

17.064min (+ 0.059) 0.40 ng/u1

response 204113

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	10.62#
80.00	14.80	9.29#
0.00	0.00	0.00

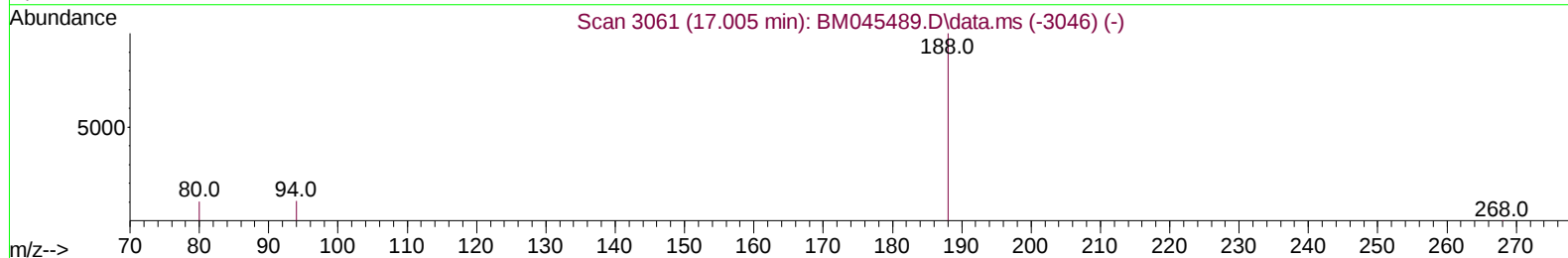
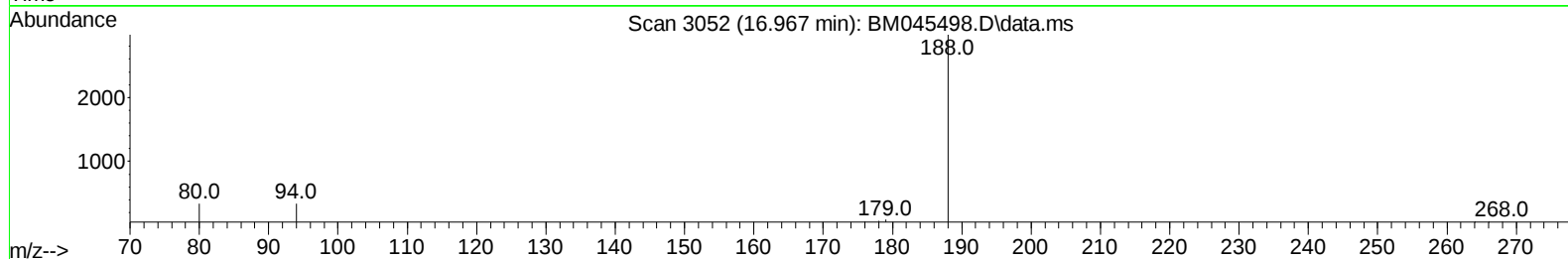
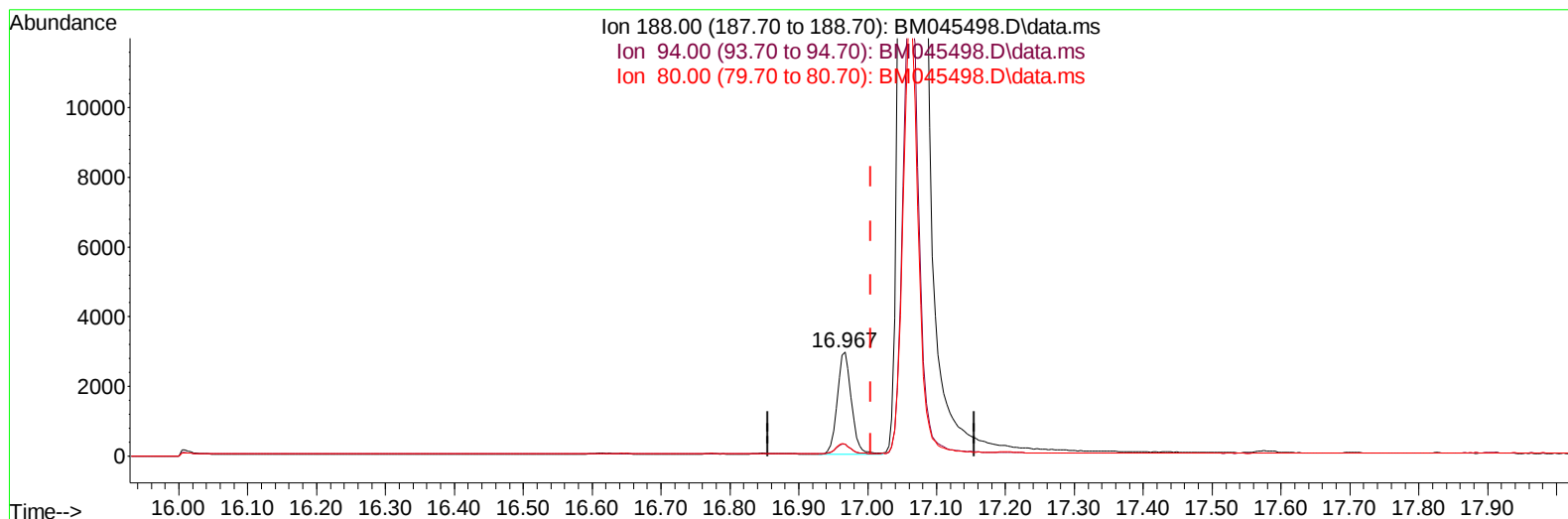
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
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TIC: BM045498.D\data.ms

(13) Phenanthrene-d10 (I)

16.967min (-0.038) 0.40 ng/u1 m

response 4194

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	14.80	11.47#
80.00	14.80	11.37#
0.00	0.00	0.00

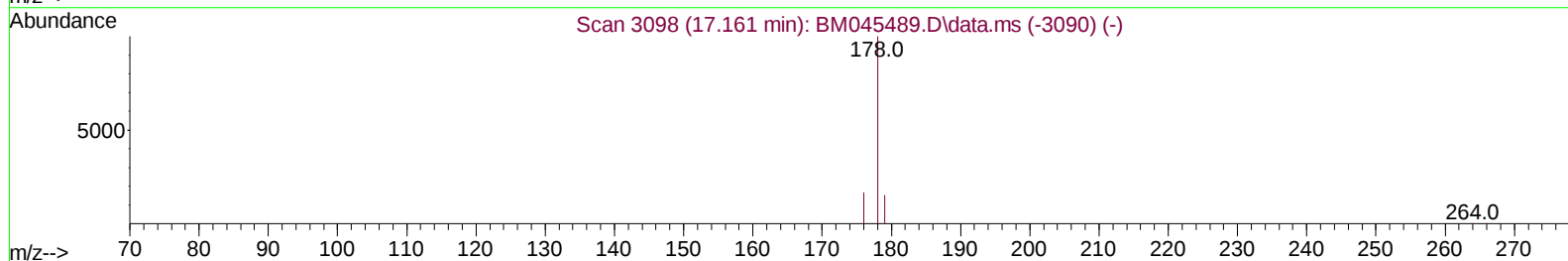
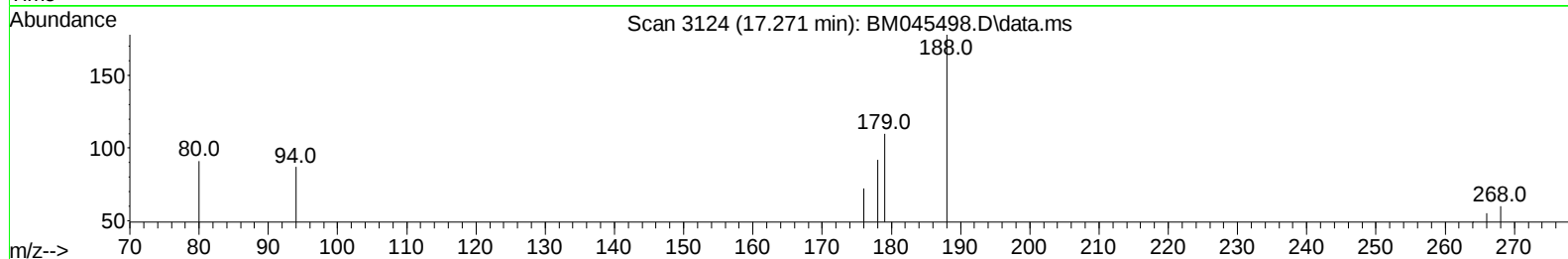
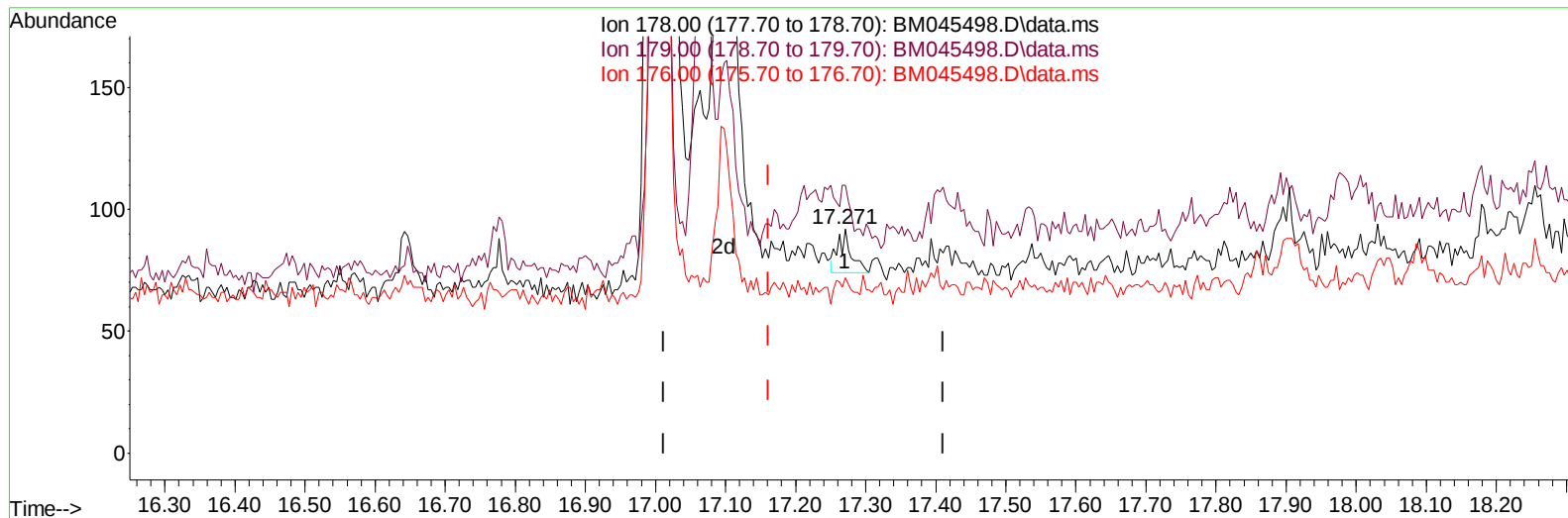
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045498.D
Acq On : 23 Apr 2024 02:41
Operator : MA/JU
Sample : P2037-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY6

Manual IntegrationsAPPROVED

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TIC: BM045498.D\data.ms

(16) Anthracene

17.271min (+ 0.110) 0.00 ng/u1

response 23

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	119.57#
176.00	23.40	78.26#
0.00	0.00	0.00

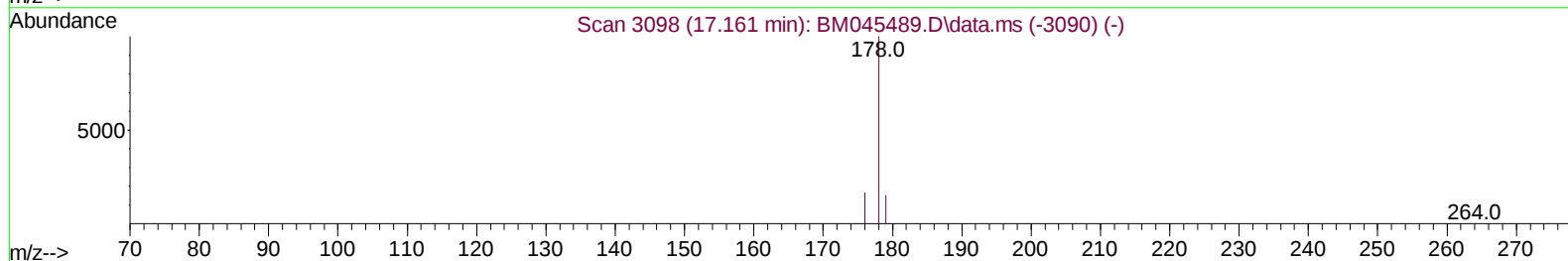
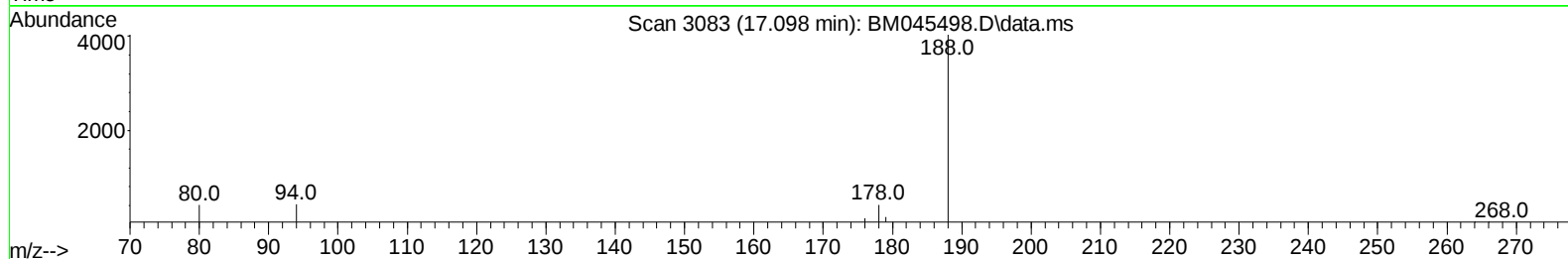
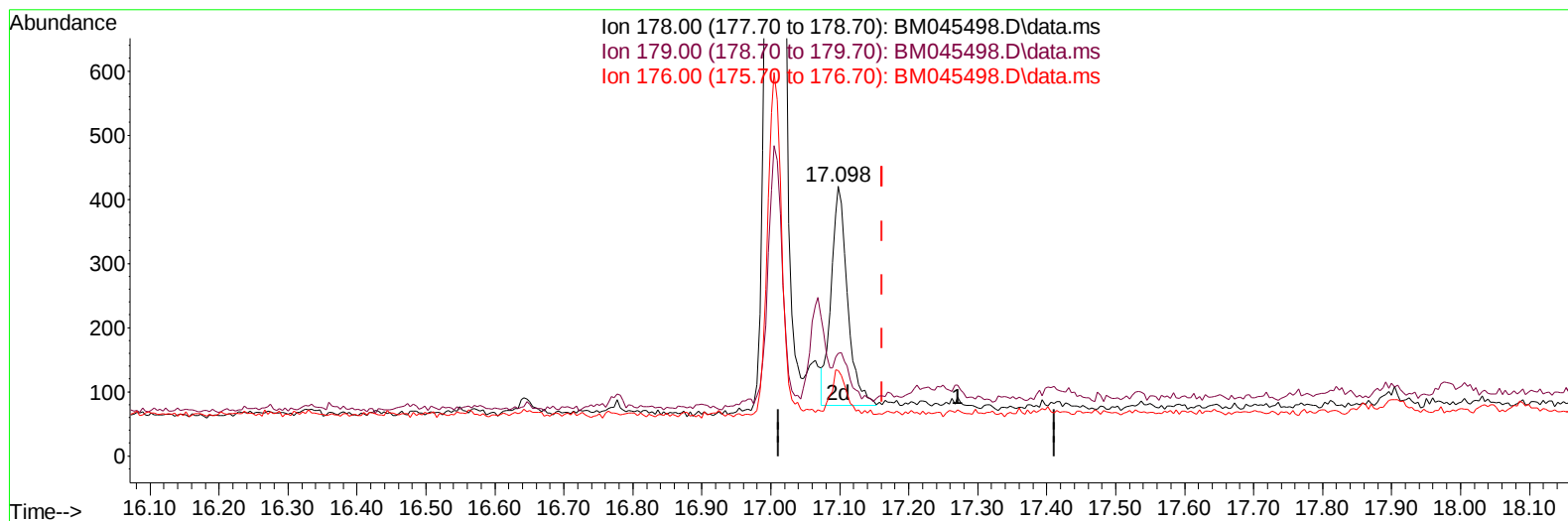
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045498.D
Acq On : 23 Apr 2024 02:41
Operator : MA/JU
Sample : P2037-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY6

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/26/2024



TIC: BM045498.D\data.ms

(16) Anthracene

17.098min (-0.063) 0.05 ng/u1 m

response 563

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	22.20	38.10#
176.00	23.40	31.67#
0.00	0.00	0.00

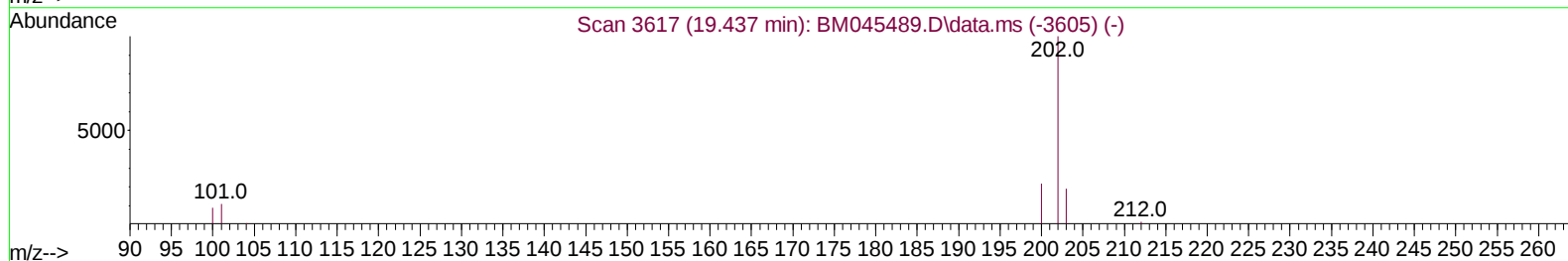
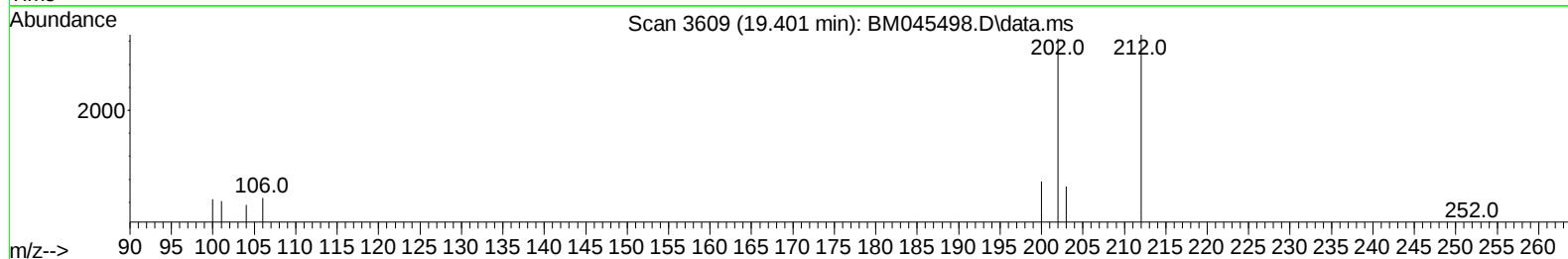
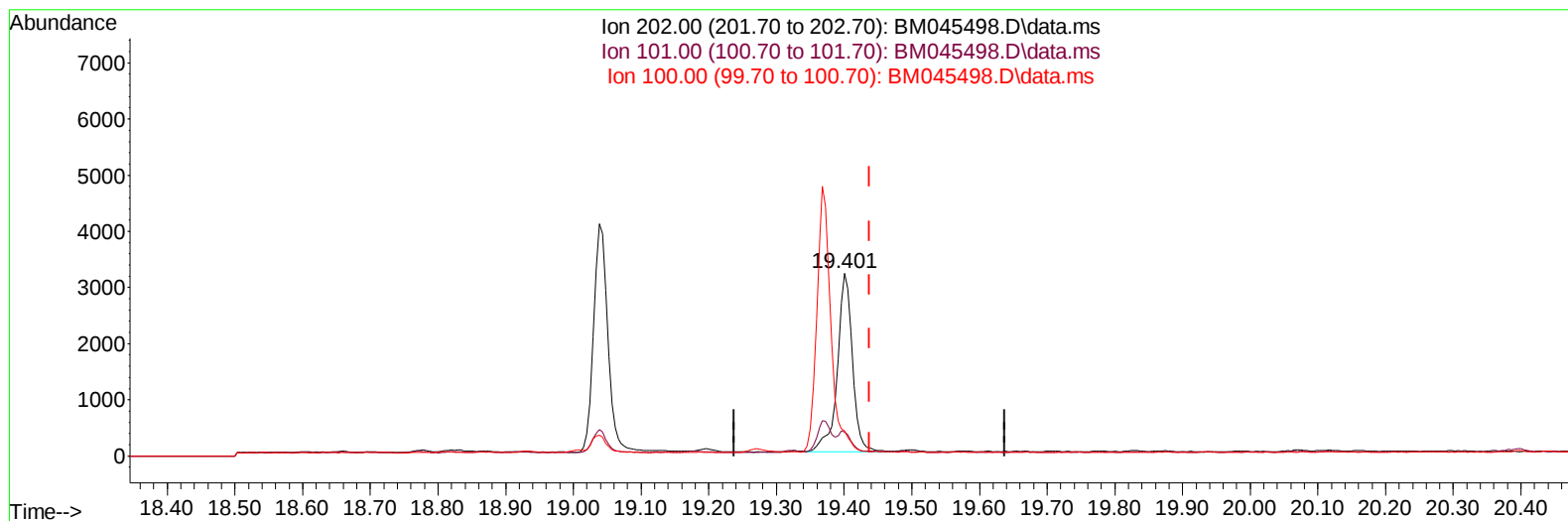
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Data File : BM045498.D
Acq On : 23 Apr 2024 02:41
Operator : MA/JU
Sample : P2037-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY6

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TIC: BM045498.D\data.ms

(20) Pyrene

19.401min (-0.037) 0.34 ng/u1

response 4865

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	13.00
100.00	13.20	13.93
0.00	0.00	0.00

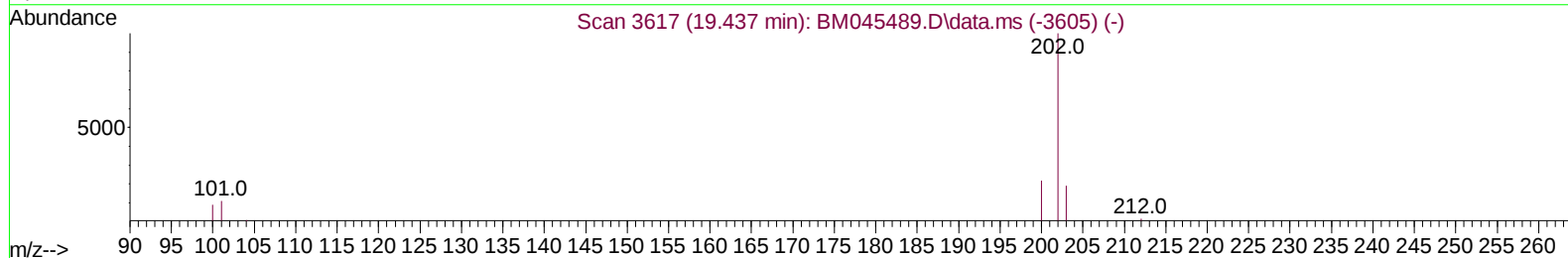
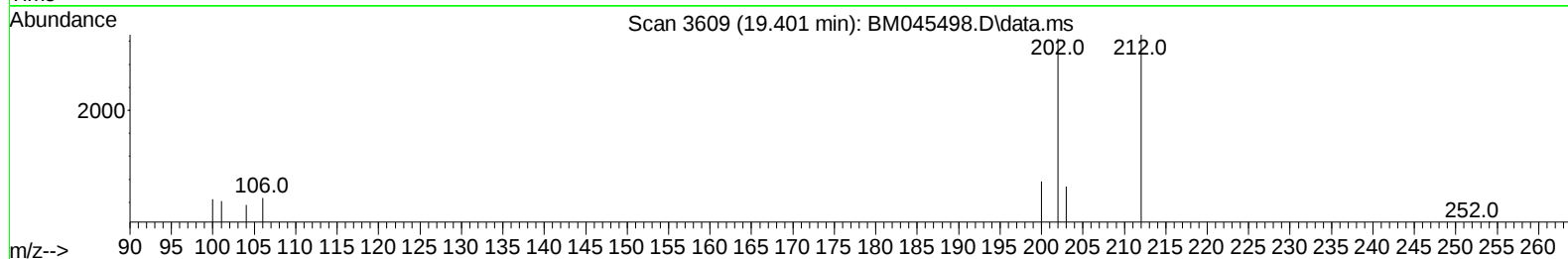
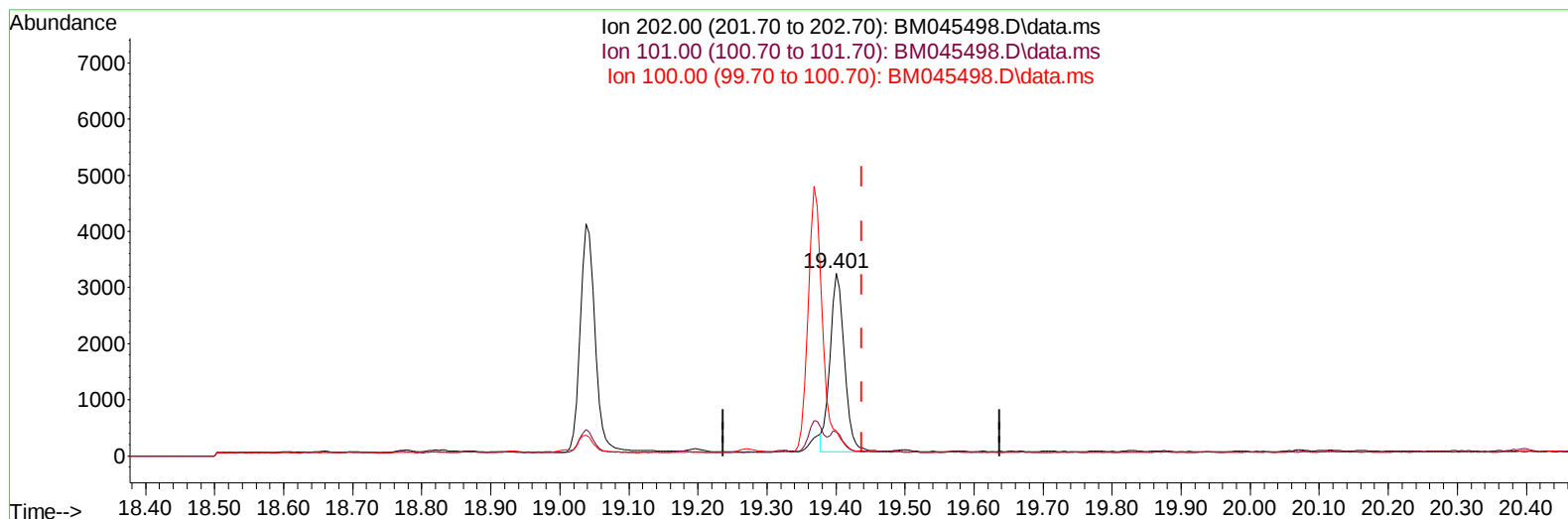
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045498.D
Acq On : 23 Apr 2024 02:41
Operator : MA/JU
Sample : P2037-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY6

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:35 2024
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024
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TIC: BM045498.D\data.ms

(20) Pyrene

19.401min (-0.037) 0.32 ng/ul m

response 4548

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.40	13.00
100.00	13.20	13.93
0.00	0.00	0.00

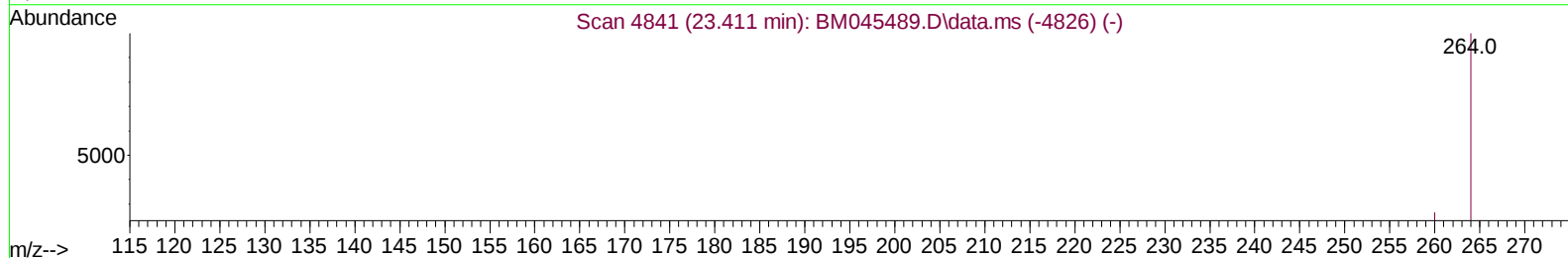
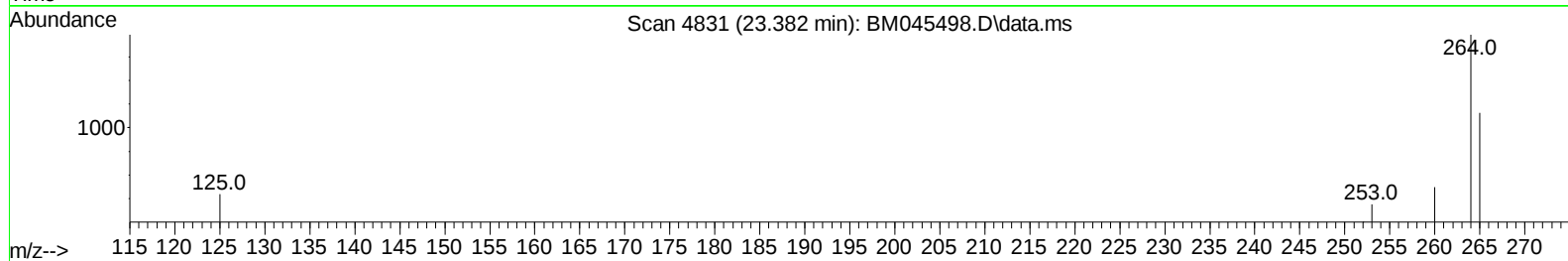
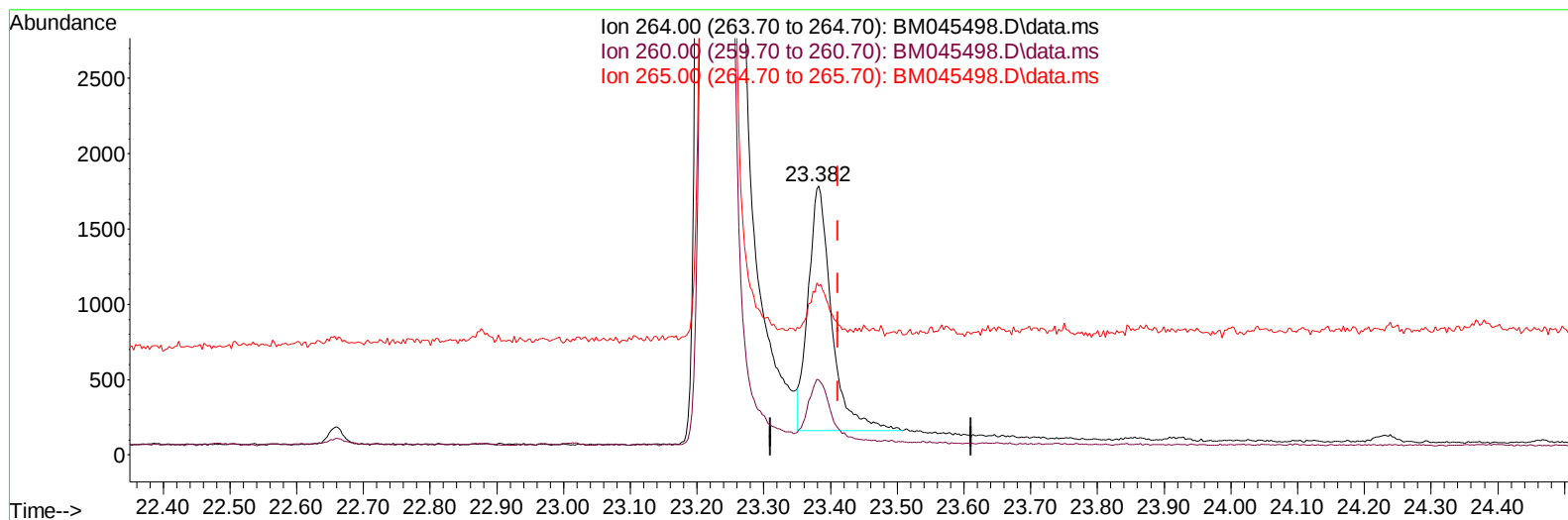
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045498.D
Acq On : 23 Apr 2024 02:41
Operator : MA/JU
Sample : P2037-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY6

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TIC: BM045498.D\data.ms

(23) Perylene-d12 (I)

23.382min (-0.029) 0.40 ng/u1

response 3968

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	27.84
265.00	86.70	62.91#
0.00	0.00	0.00

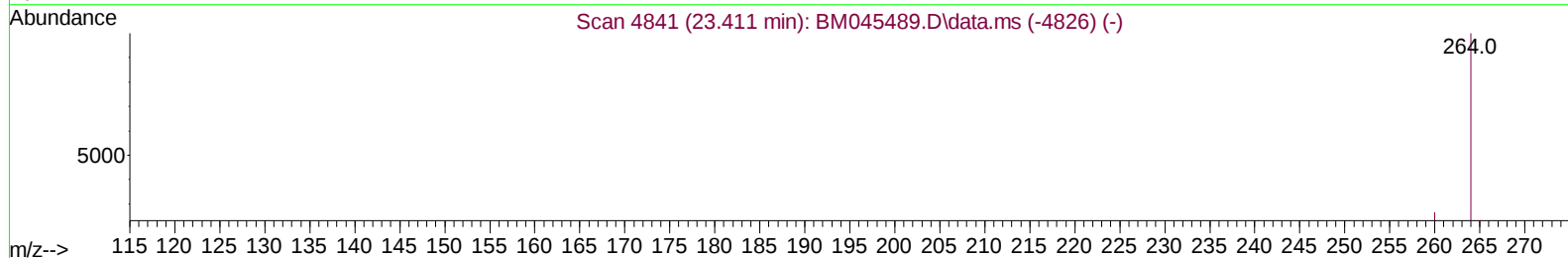
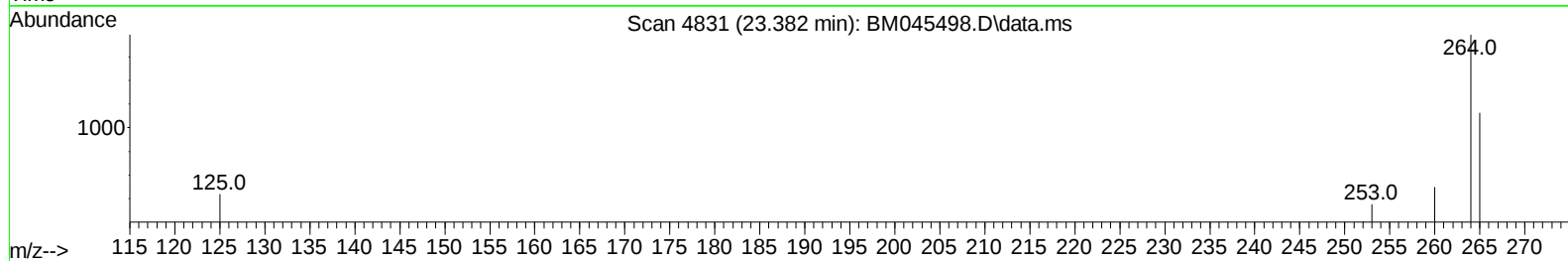
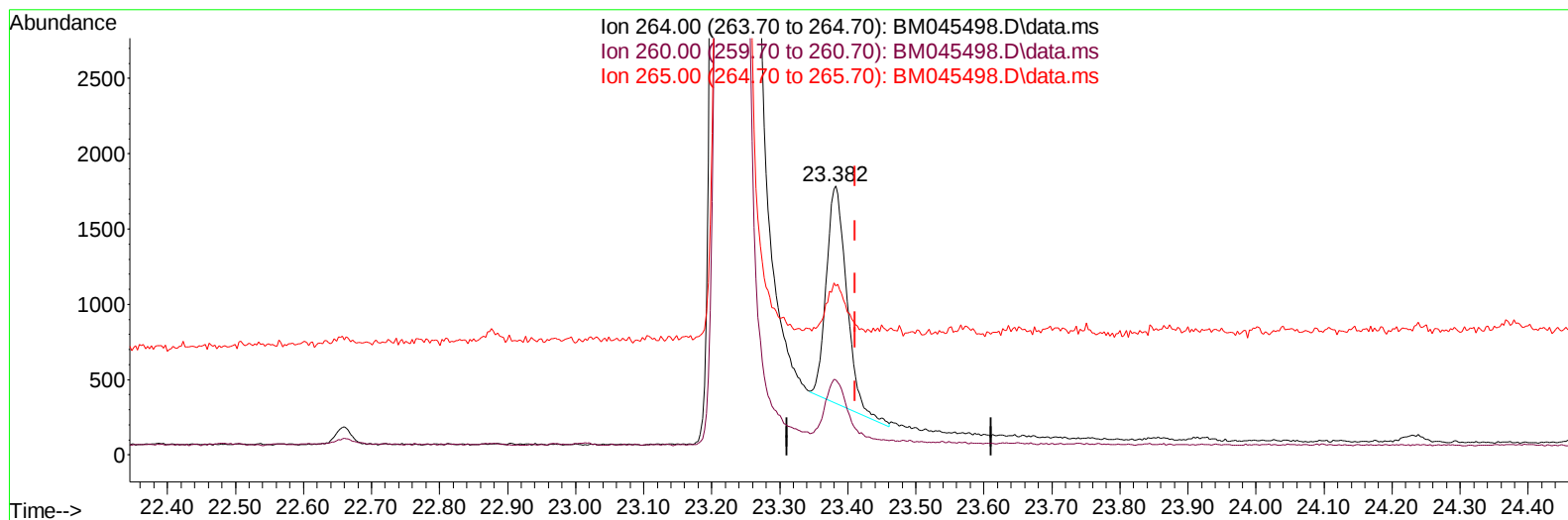
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045498.D
Acq On : 23 Apr 2024 02:41
Operator : MA/JU
Sample : P2037-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY6

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
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Response via : Initial Calibration

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Supervised By :mohammad ahmed 04/26/2024



TIC: BM045498.D\data.ms

(23) Perylene-d12 (I)

23.382min (-0.029) 0.40 ng/ul m

response 2989

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	30.50	27.84
265.00	86.70	62.91#
0.00	0.00	0.00

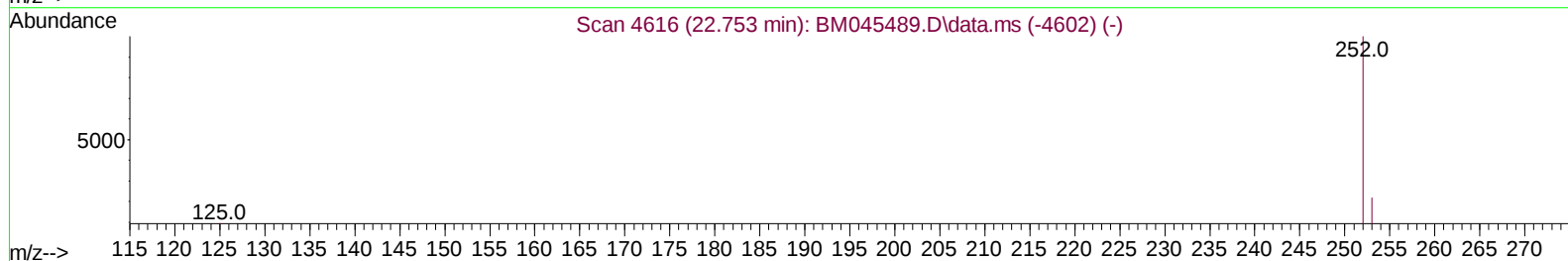
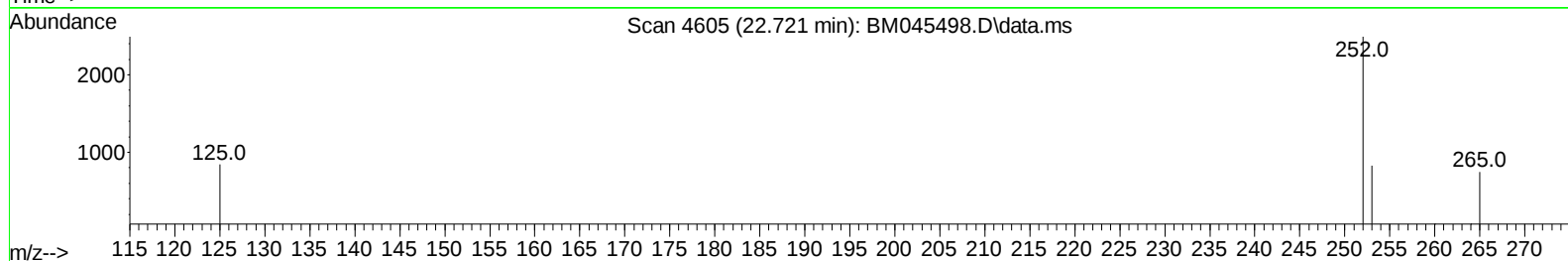
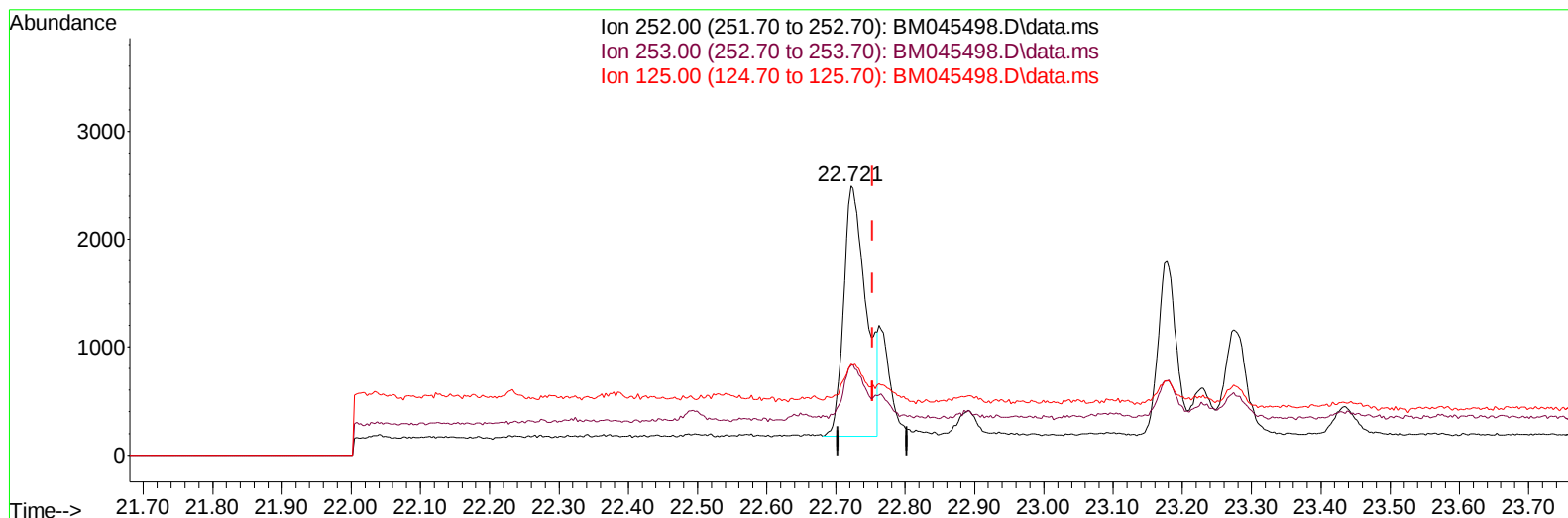
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045498.D
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Operator : MA/JU
Sample : P2037-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY6

Manual IntegrationsAPPROVED

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TIC: BM045498.D\data.ms

(24) Benzo(b)fluoranthene

22.721min (-0.032) 0.52 ng/u1

response 5181

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	33.32
125.00	18.40	33.96
0.00	0.00	0.00

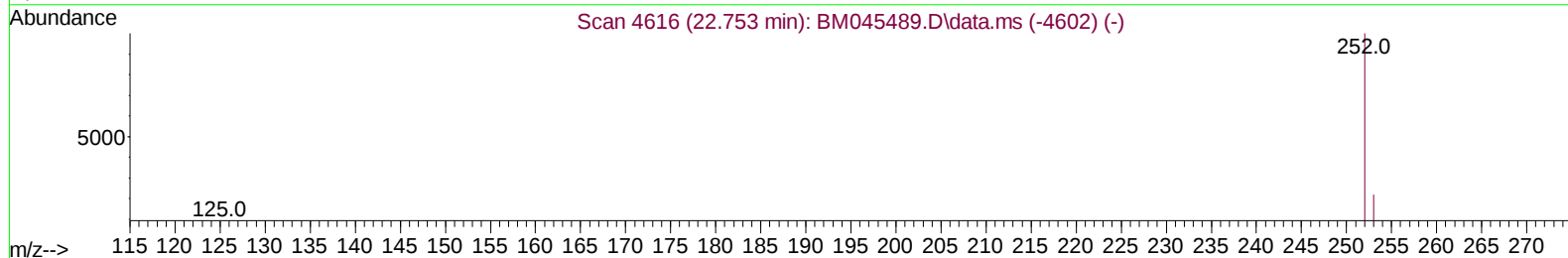
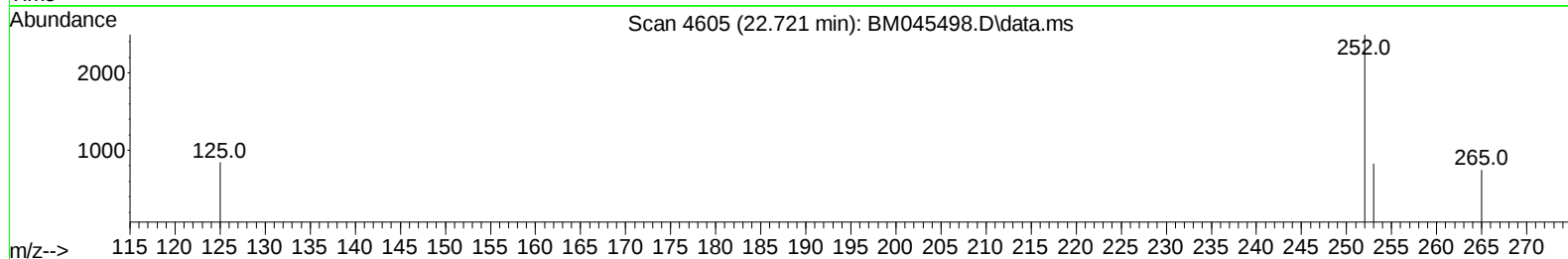
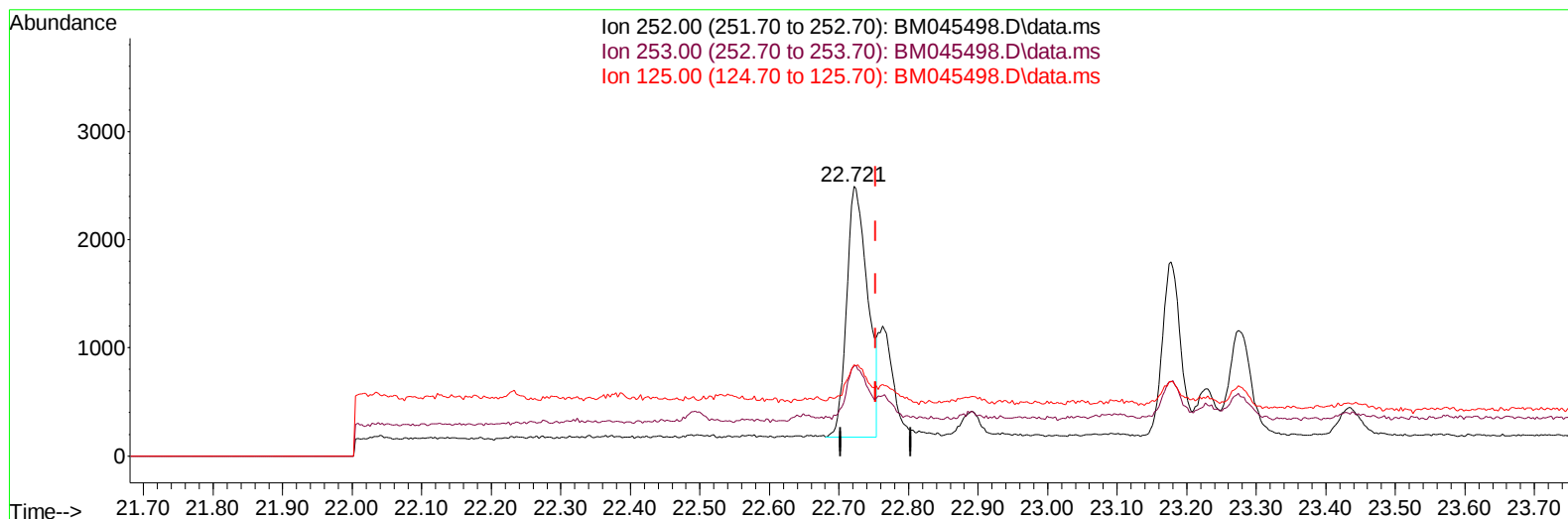
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045498.D
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Operator : MA/JU
Sample : P2037-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY6

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Supervised By :mohammad ahmed 04/26/2024



TIC: BM045498.D\data.ms

(24) Benzo(b)fluoranthene

22.721min (-0.032) 0.48 ng/u1 m

response 4842

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	33.32
125.00	18.40	33.96
0.00	0.00	0.00

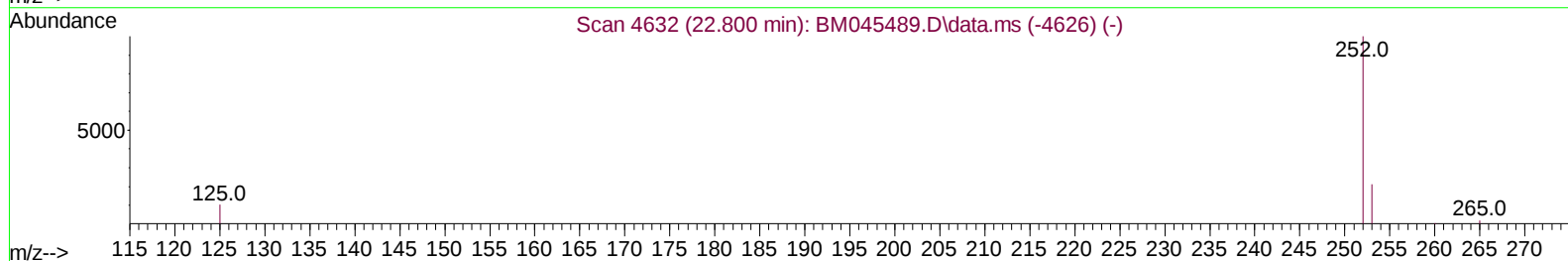
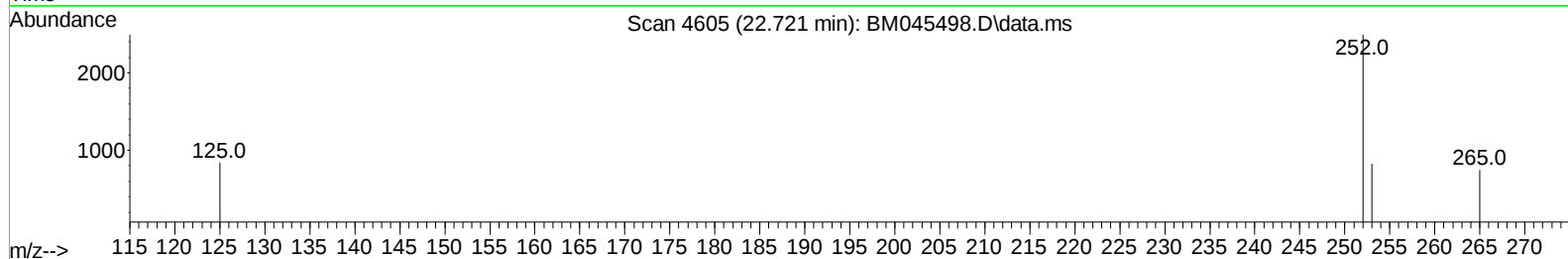
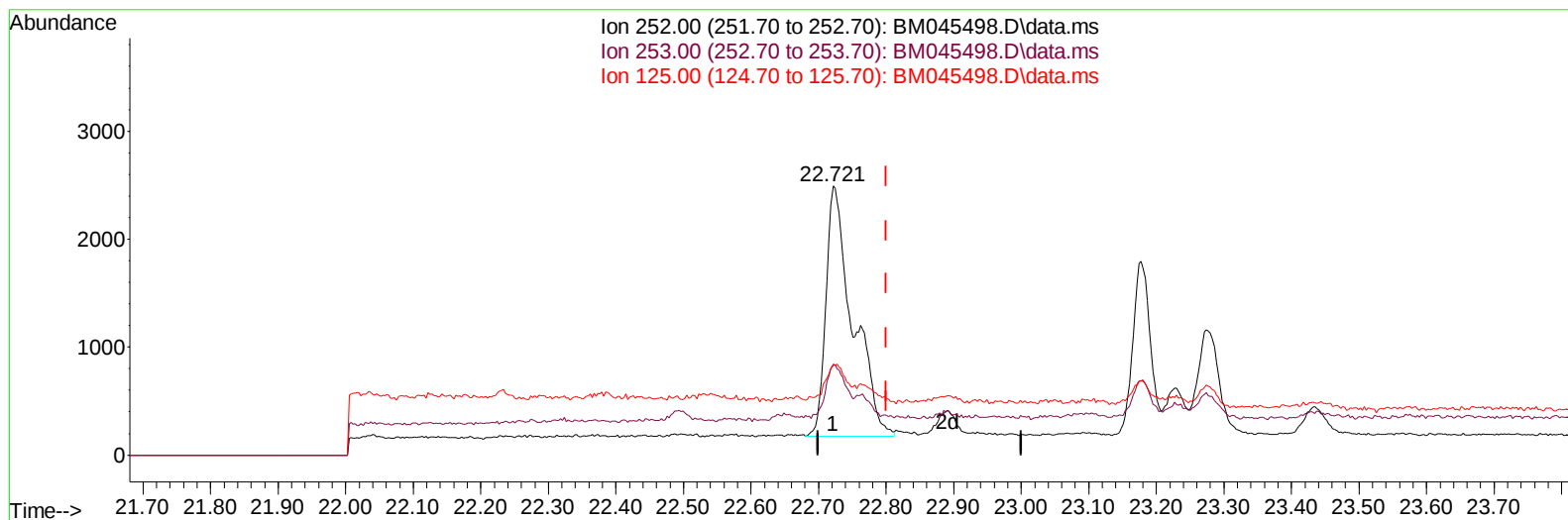
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Operator : MA/JU
Sample : P2037-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY6

Manual IntegrationsAPPROVED

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TIC: BM045498.D\data.ms

(25) Benzo(k)fluoranthene

22.721min (-0.079) 0.50 ng/u1

response 6385

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	33.32
125.00	18.50	33.96#
0.00	0.00	0.00

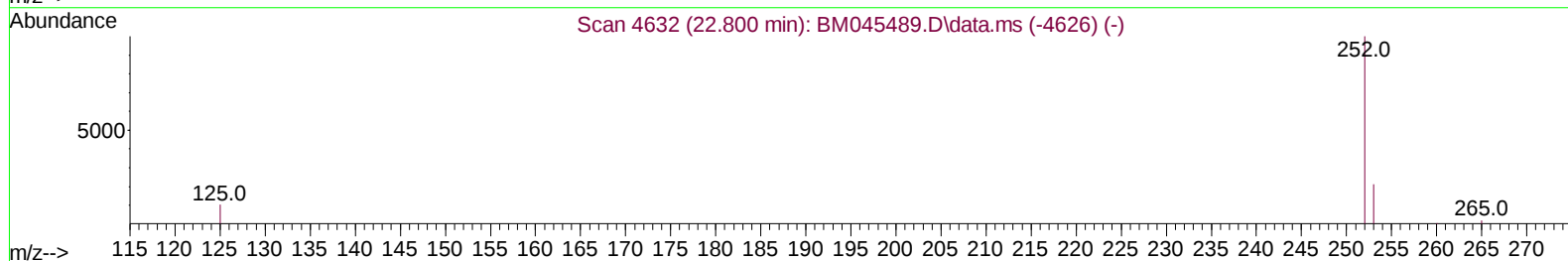
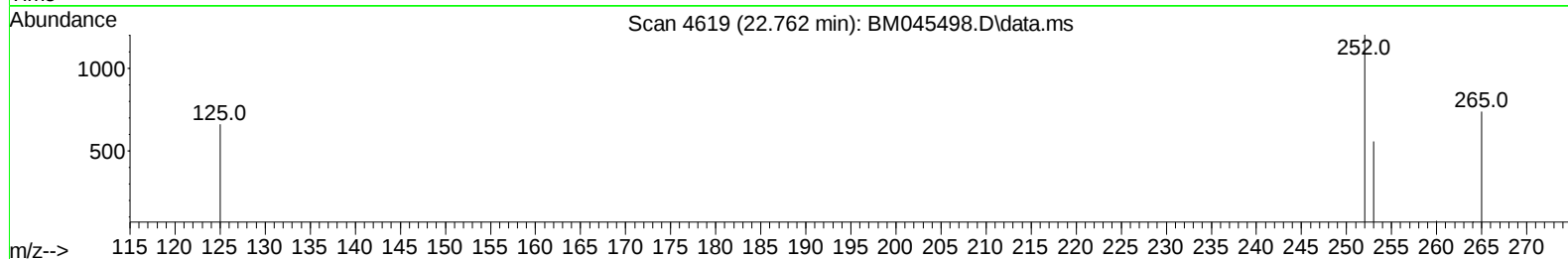
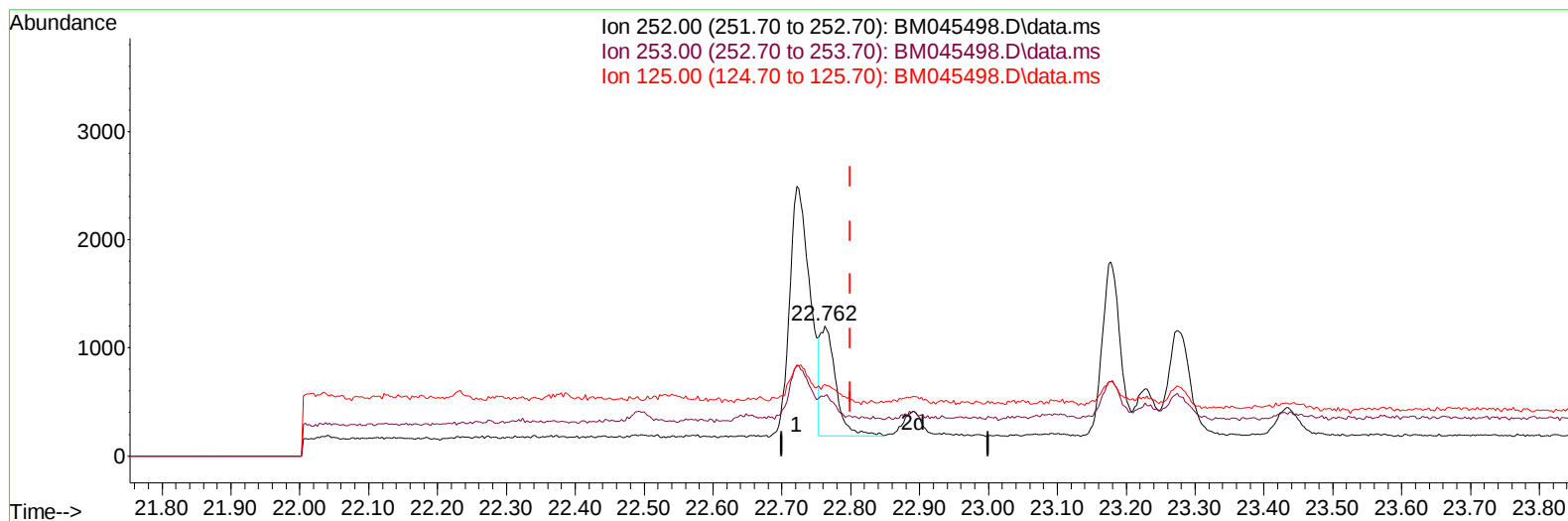
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM045498.D\data.ms

(25) Benzo(k)fluoranthene

22.762min (-0.038) 0.12 ng/u1 m

response 1562

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	46.34#
125.00	18.50	54.91#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045498.D
 Acq On : 23 Apr 2024 02:41
 Operator : MA/JU
 Sample : P2037-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY6

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		954	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.320	136		3296	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.205	164		1945	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.967	188		4194m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.193	240		3017	0.400	ng/ul	-0.02
23) Perylene-d12	23.382	264		2989m	0.400	ng/ul	-0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.163	96		4034	3.155	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.942	152		1024	0.236	ng/ul	-0.04
18) Fluoranthene-d10	19.010	212		2440	0.257	ng/ul	-0.03
Target Compounds							
							Qvalue
5) Naphthalene	10.369	128		733	0.083	ng/ul#	91
7) 2-Methylnaphthalene	12.019	142		355	0.070	ng/ul	97
8) 1-Methylnaphthalene	12.233	142		205	0.036	ng/ul	97
10) Acenaphthylene	13.918	152		266	0.028	ng/ul#	50
15) Phenanthrene	17.005	178		3763	0.308	ng/ul	96
16) Anthracene	17.098	178		563m	0.049	ng/ul	
19) Fluoranthene	19.038	202		6059	0.435	ng/ul#	93
20) Pyrene	19.401	202		4548m	0.318	ng/ul	
21) Benzo(a)anthracene	21.181	228		2602	0.270	ng/ul	94
22) Chrysene	21.228	228		3131	0.211	ng/ul	97
24) Benzo(b)fluoranthene	22.721	252		4842m	0.482	ng/ul	
25) Benzo(k)fluoranthene	22.762	252		1562m	0.123	ng/ul	
26) Benzo(a)pyrene	23.274	252		2129	0.204	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	25.585	276		2453	0.162	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.595	278		613	0.051	ng/ul#	15
29) Benzo(g,h,i)perylene	26.249	276		2781	0.204	ng/ul	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045498.D
Acq On : 23 Apr 2024 02:41
Operator : MA/JU
Sample : P2037-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CY6

Manual IntegrationsAPPROVED

Quant Time: Apr 23 08:32:35 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

