

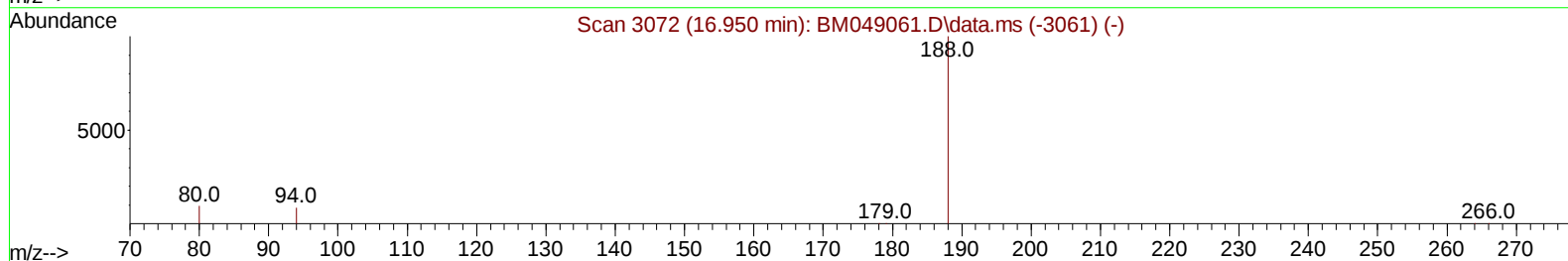
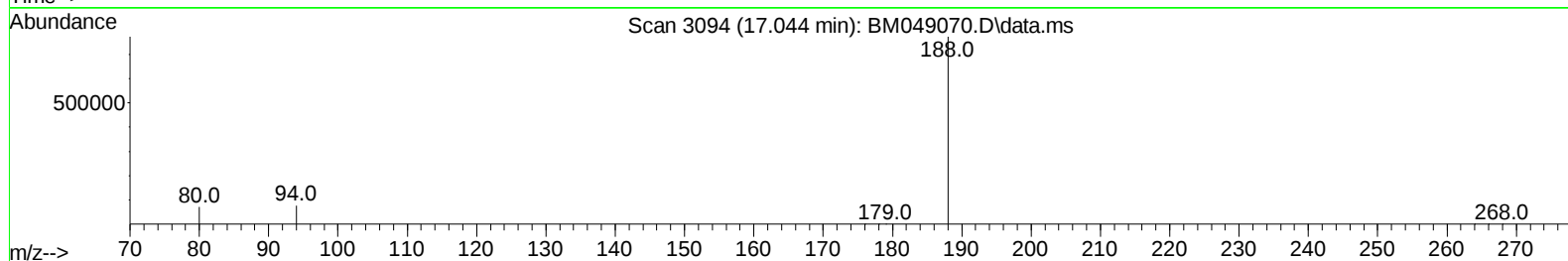
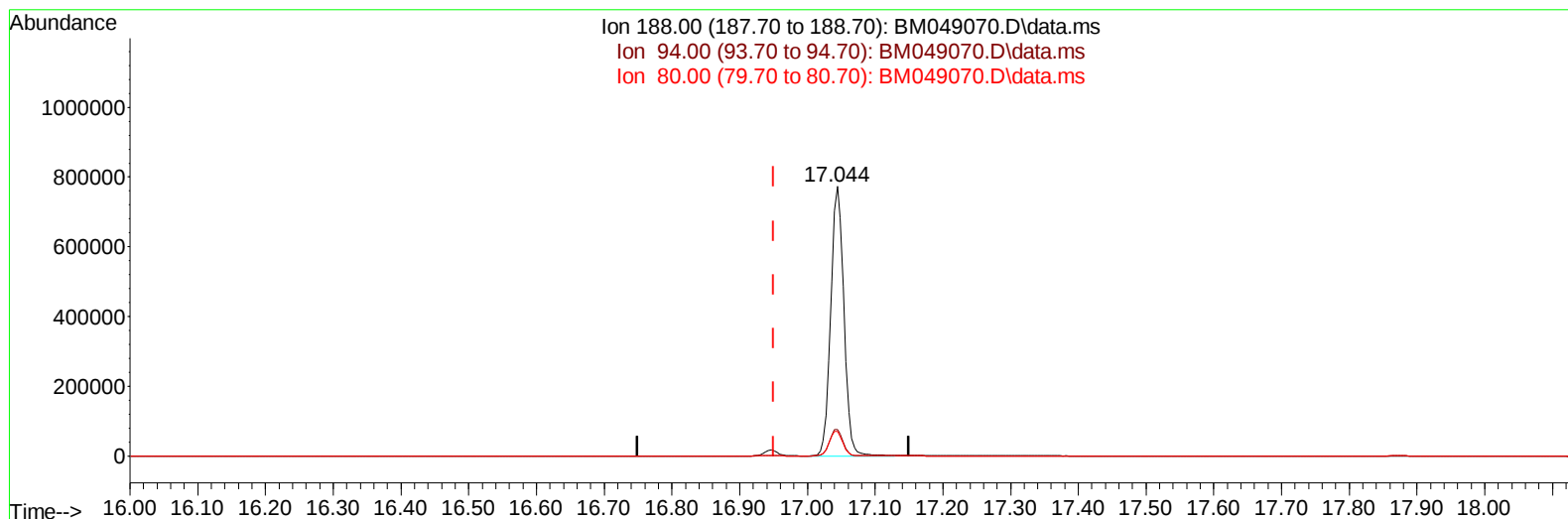
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049070.D
Acq On : 19 Dec 2024 14:55
Operator : RC/JU
Sample : P5226-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 16:45:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049070.D\data.ms

(13) Phenanthrene-d10 (I)

17.044min (+ 0.094) 0.40 ng/u1

response 1041892

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	9.89
80.00	10.70	9.06
0.00	0.00	0.00

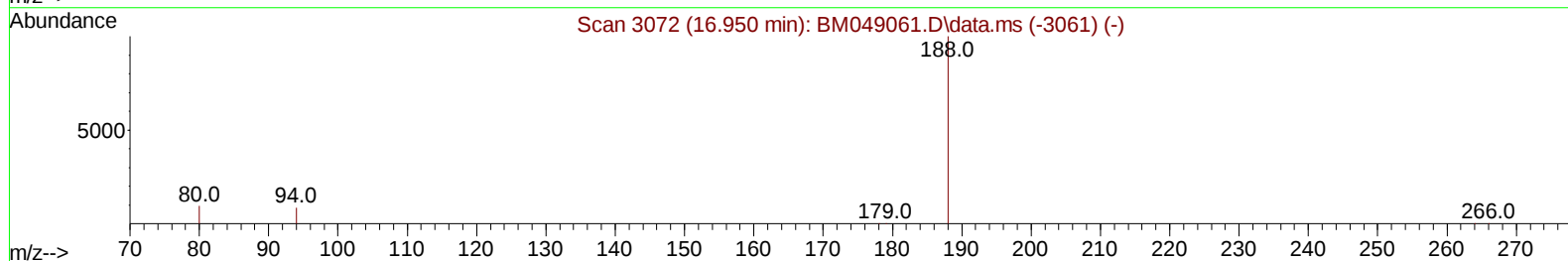
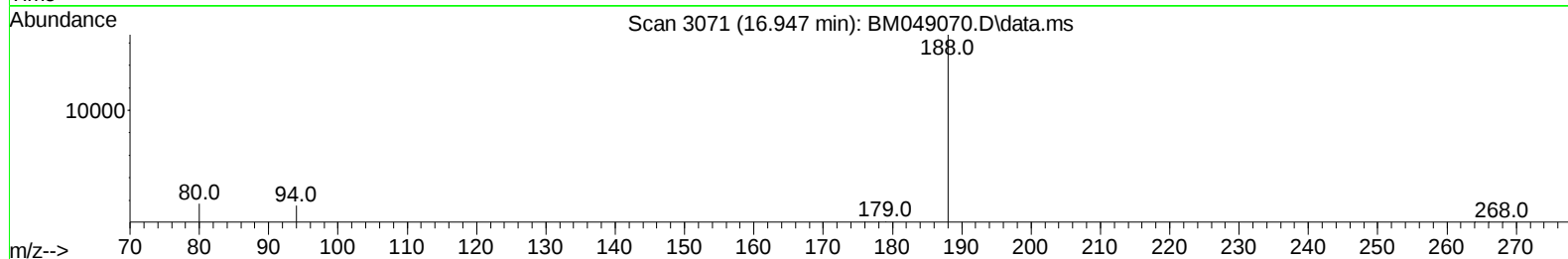
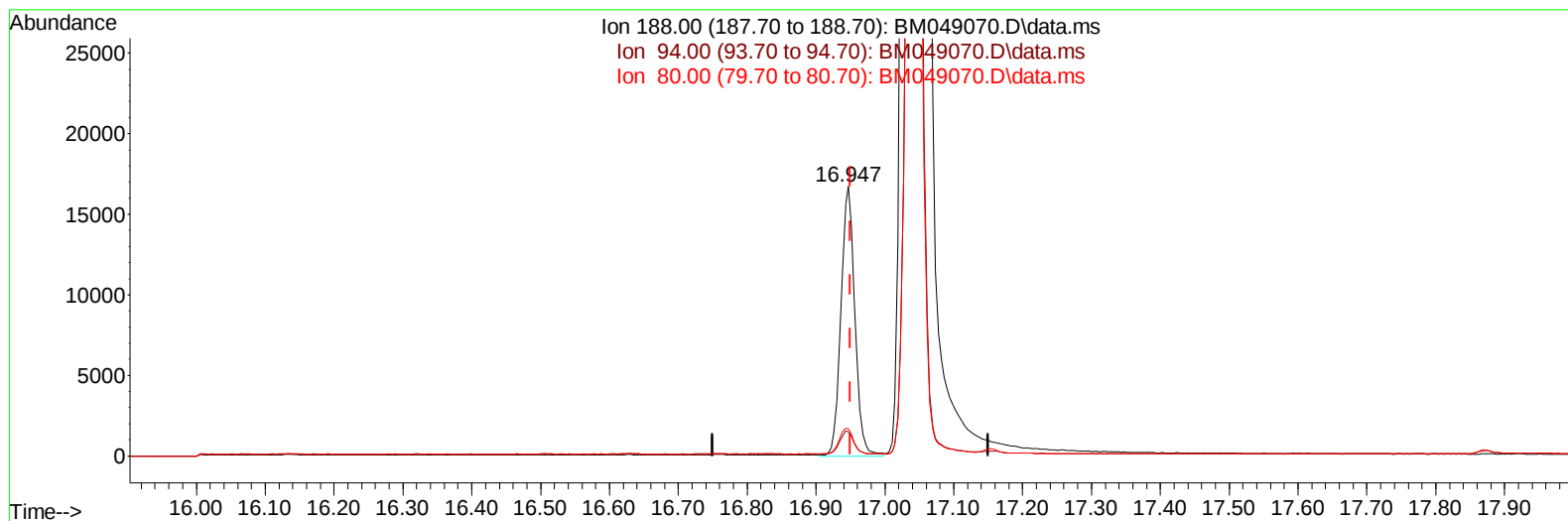
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049070.D
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Misc :
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Instrument :
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ClientSampleId :
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TIC: BM049070.D\data.ms

(13) Phenanthrene-d10 (I)

16.947min (-0.003) 0.40 ng/ul m

response 23428

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	9.80	8.98
80.00	10.70	10.07
0.00	0.00	0.00

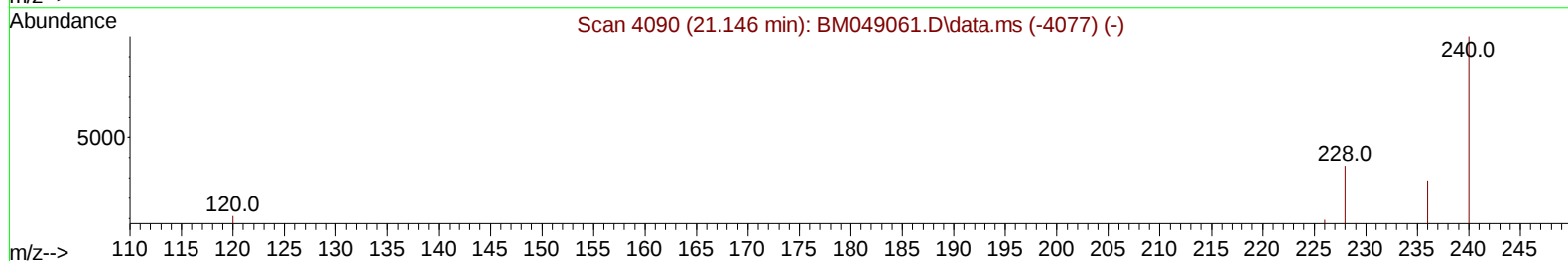
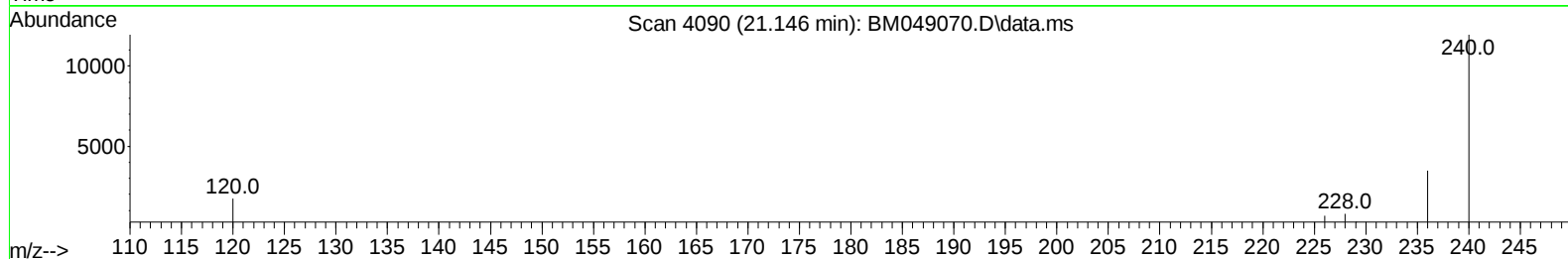
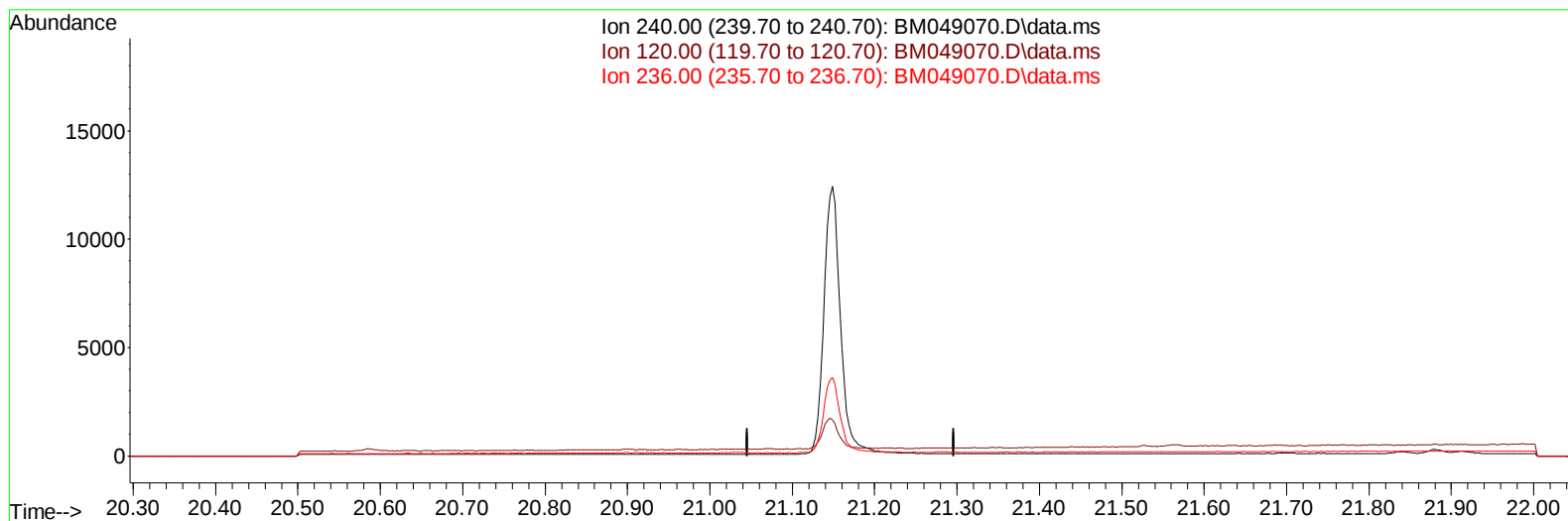
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049070.D
Acq On : 19 Dec 2024 14:55
Operator : RC/JU
Sample : P5226-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP6

Manual IntegrationsAPPROVED

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TIC: BM049070.D\data.ms

(17) Chrysene-d12

21.146min (-21.146) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	14.50	0.00#
236.00	29.80	0.00#
0.00	0.00	0.00

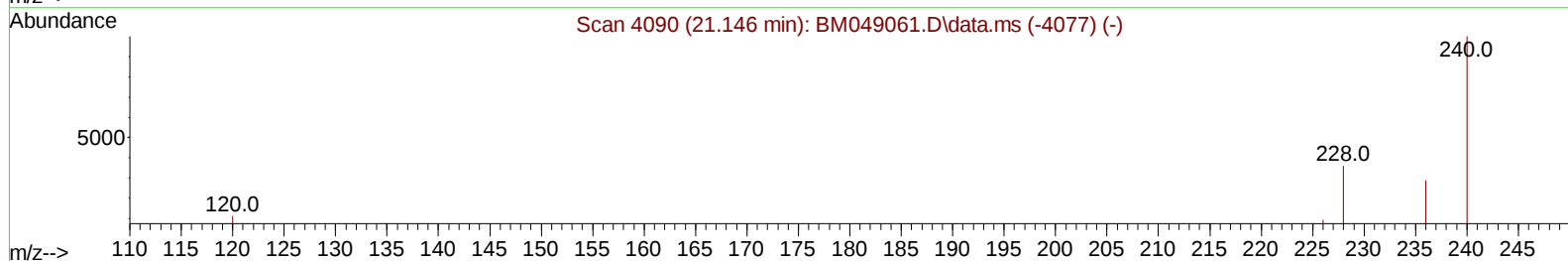
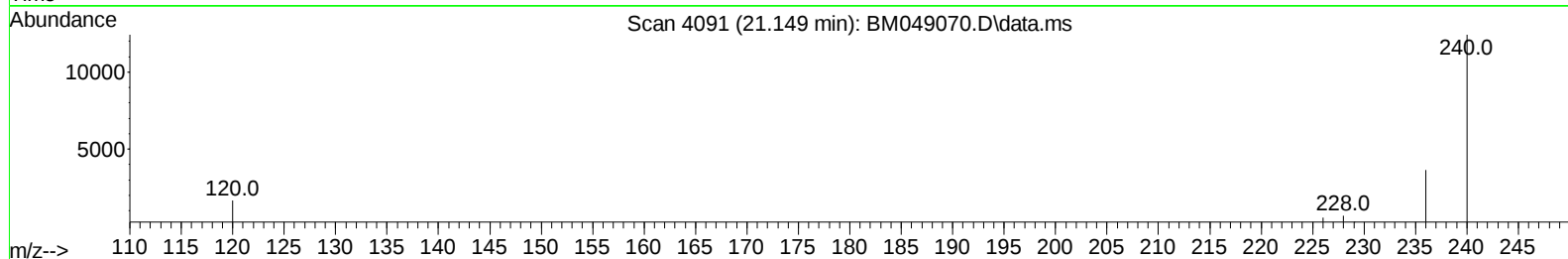
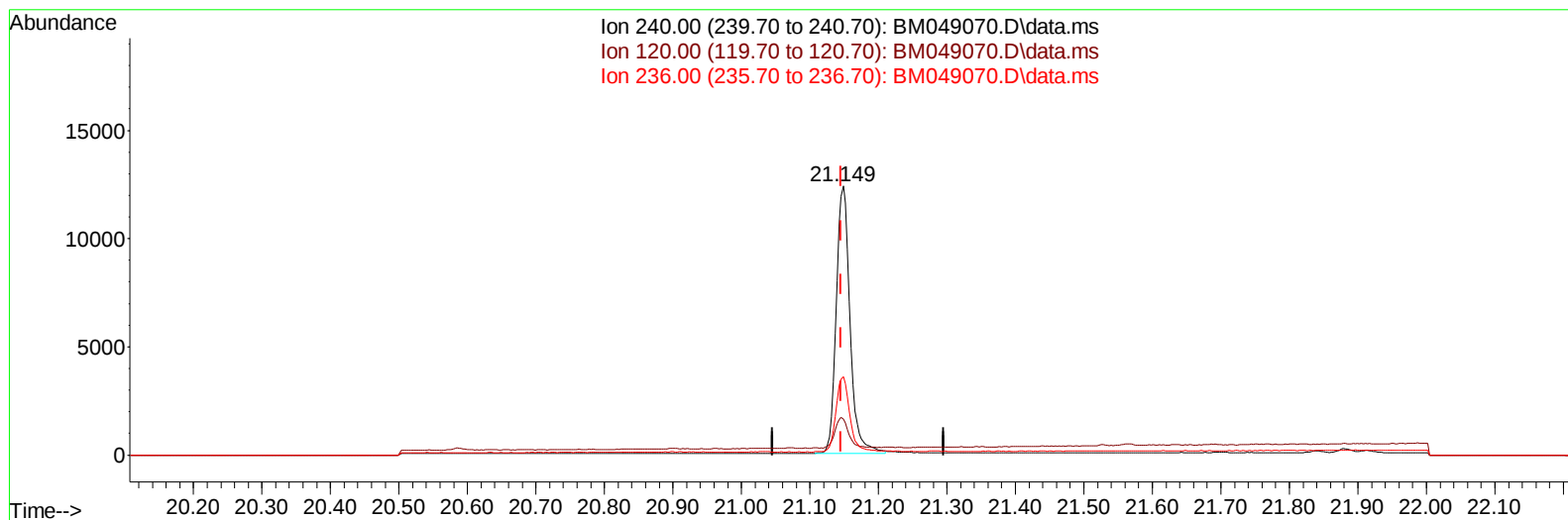
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049070.D
Acq On : 19 Dec 2024 14:55
Operator : RC/JU
Sample : P5226-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP6

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TIC: BM049070.D\data.ms

(17) Chrysene-d12

21.149min (+ 0.002) 0.40 ng/ul m

response 17283

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	14.50	13.45
236.00	29.80	29.18
0.00	0.00	0.00

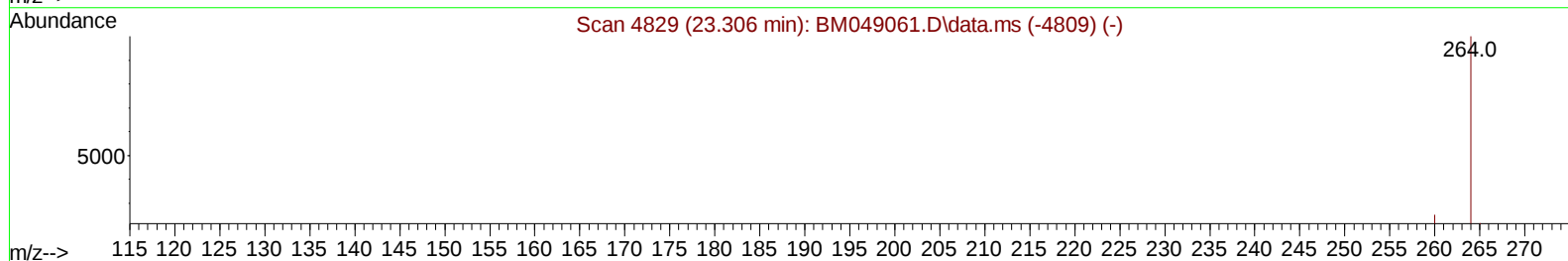
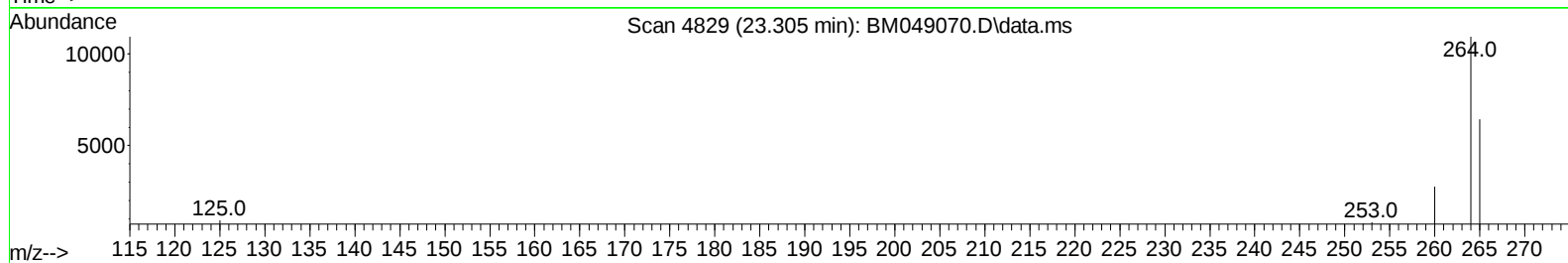
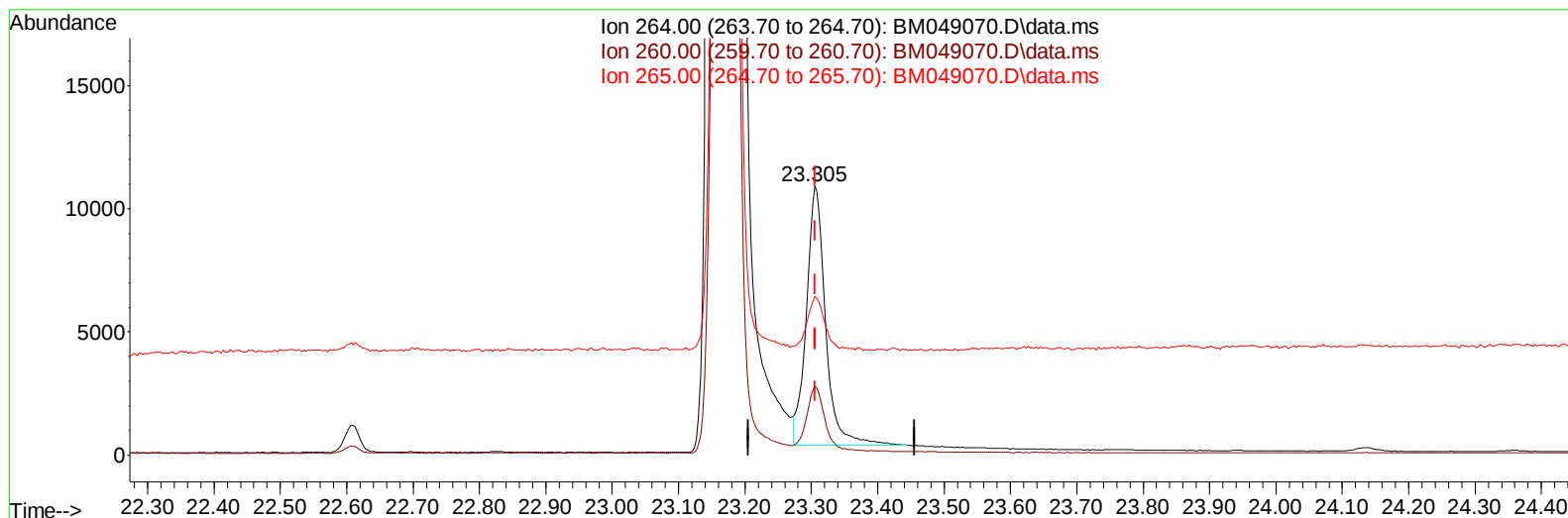
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049070.D
Acq On : 19 Dec 2024 14:55
Operator : RC/JU
Sample : P5226-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP6

Manual IntegrationsAPPROVED

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TIC: BM049070.D\data.ms

(23) Perylene-d12 (I)

23.305min (-0.000) 0.40 ng/u1

response 21172

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	25.53
265.00	78.30	59.00#
0.00	0.00	0.00

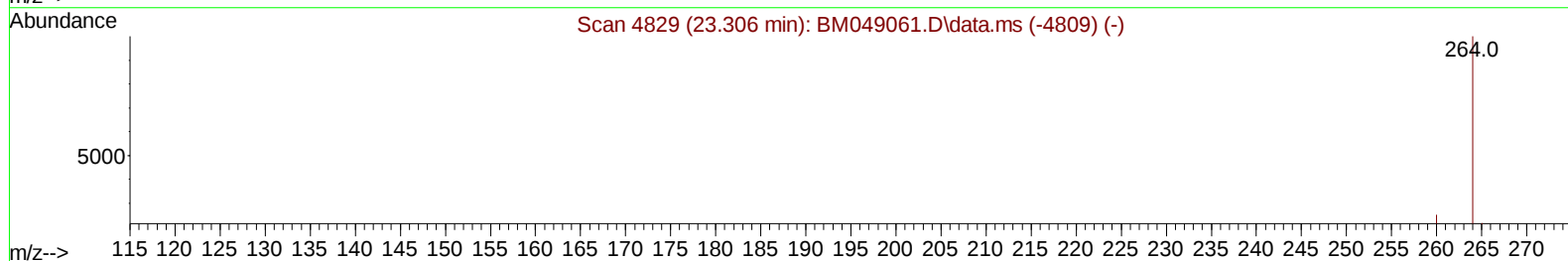
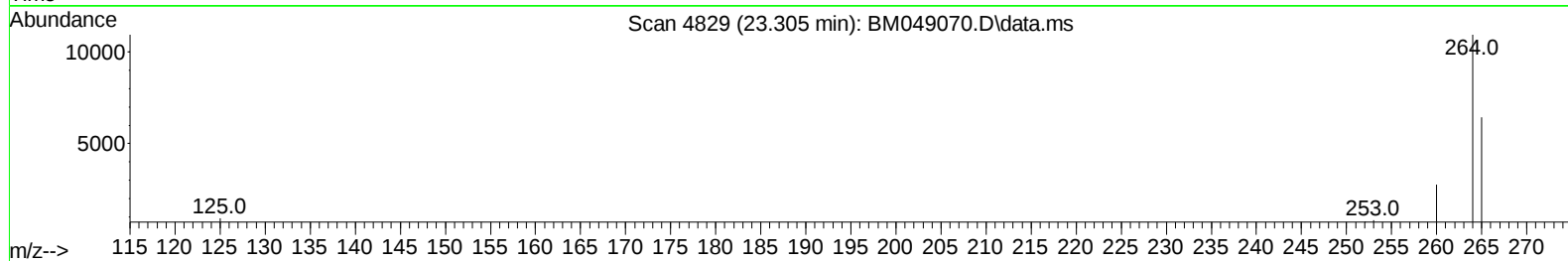
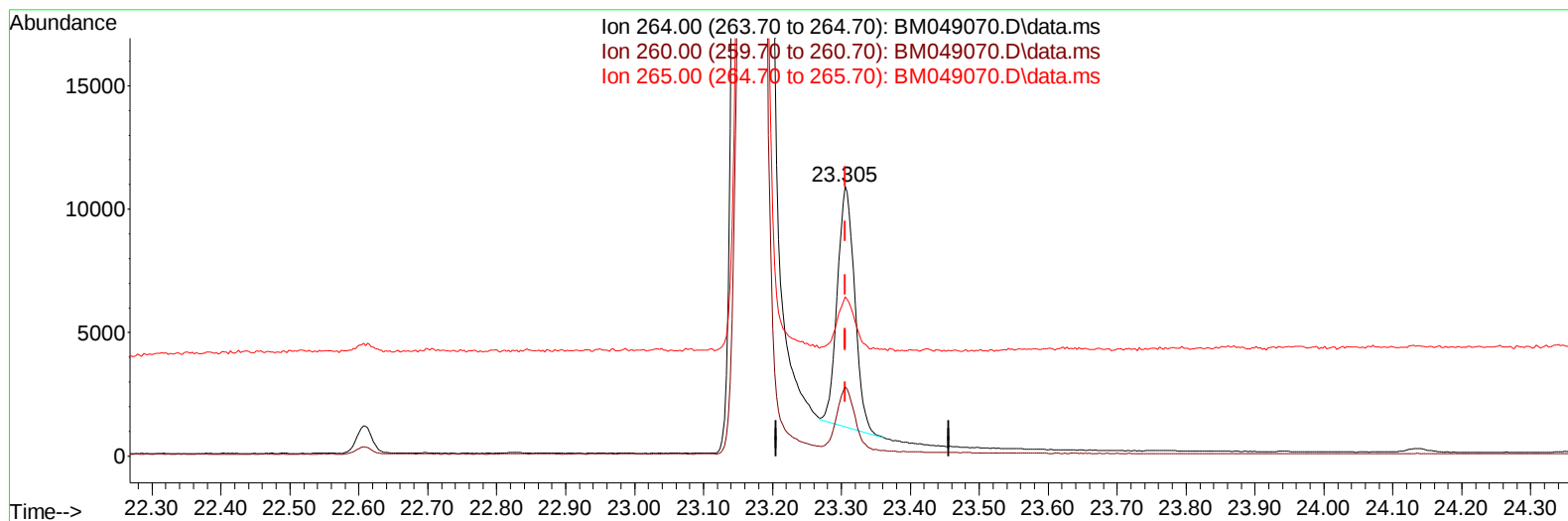
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049070.D
Acq On : 19 Dec 2024 14:55
Operator : RC/JU
Sample : P5226-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP6

Manual IntegrationsAPPROVED

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Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/26/2024



TIC: BM049070.D\data.ms

(23) Perylene-d12 (I)

23.305min (-0.000) 0.40 ng/ul m

response 17079

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.80	25.53
265.00	78.30	59.00#
0.00	0.00	0.00

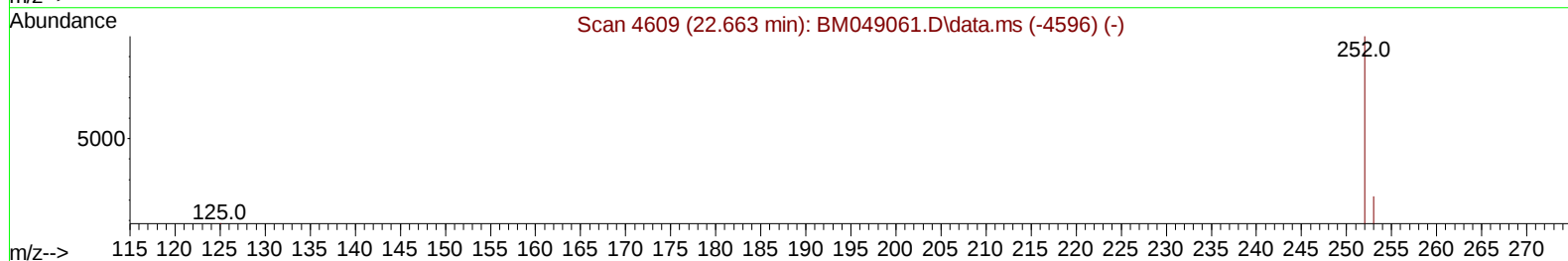
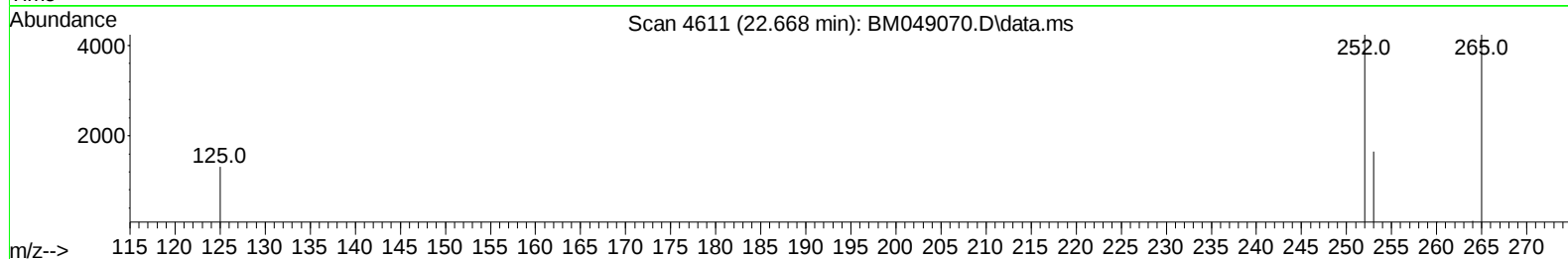
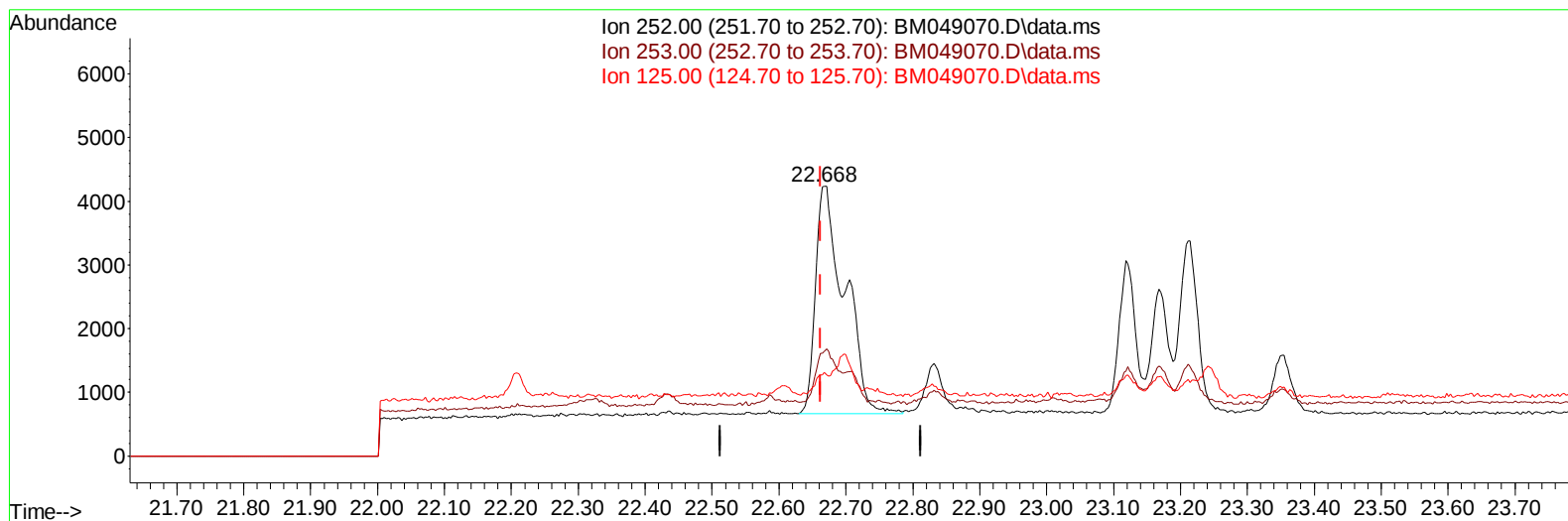
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
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Acq On : 19 Dec 2024 14:55
Operator : RC/JU
Sample : P5226-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP6

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TIC: BM049070.D\data.ms

(24) Benzo(b)fluoranthene

22.668min (+ 0.005) 0.20 ng/u1

response 10806

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	38.81
125.00	15.40	30.92#
0.00	0.00	0.00

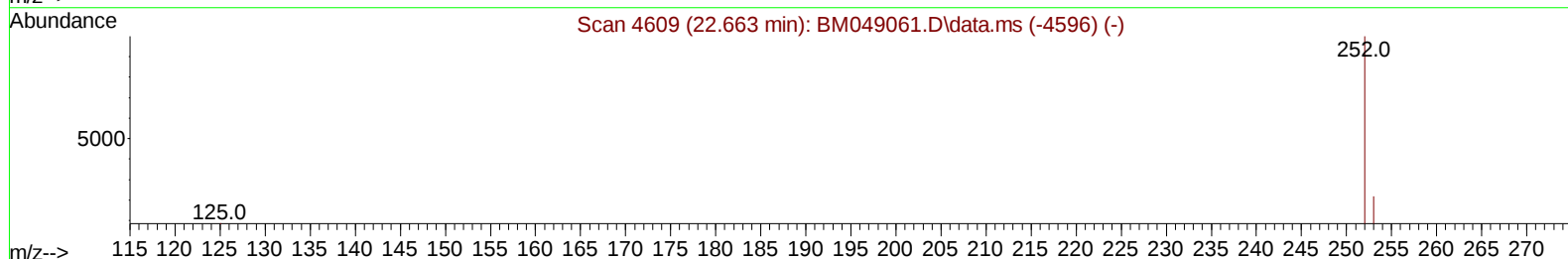
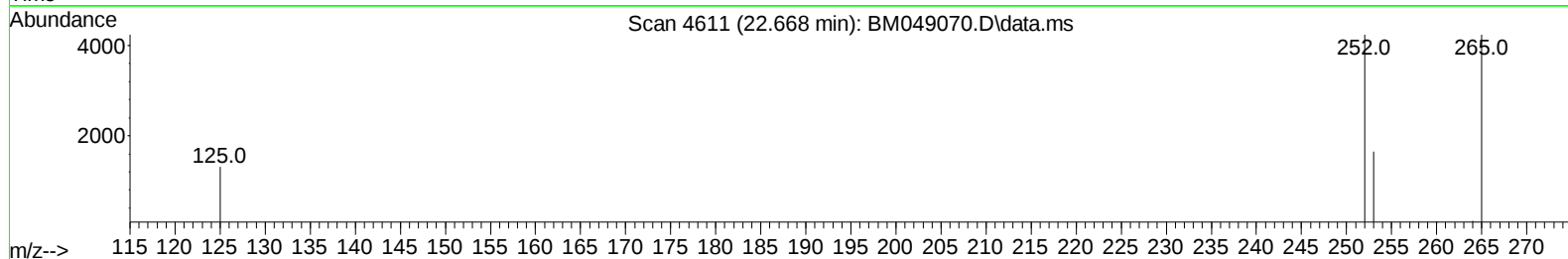
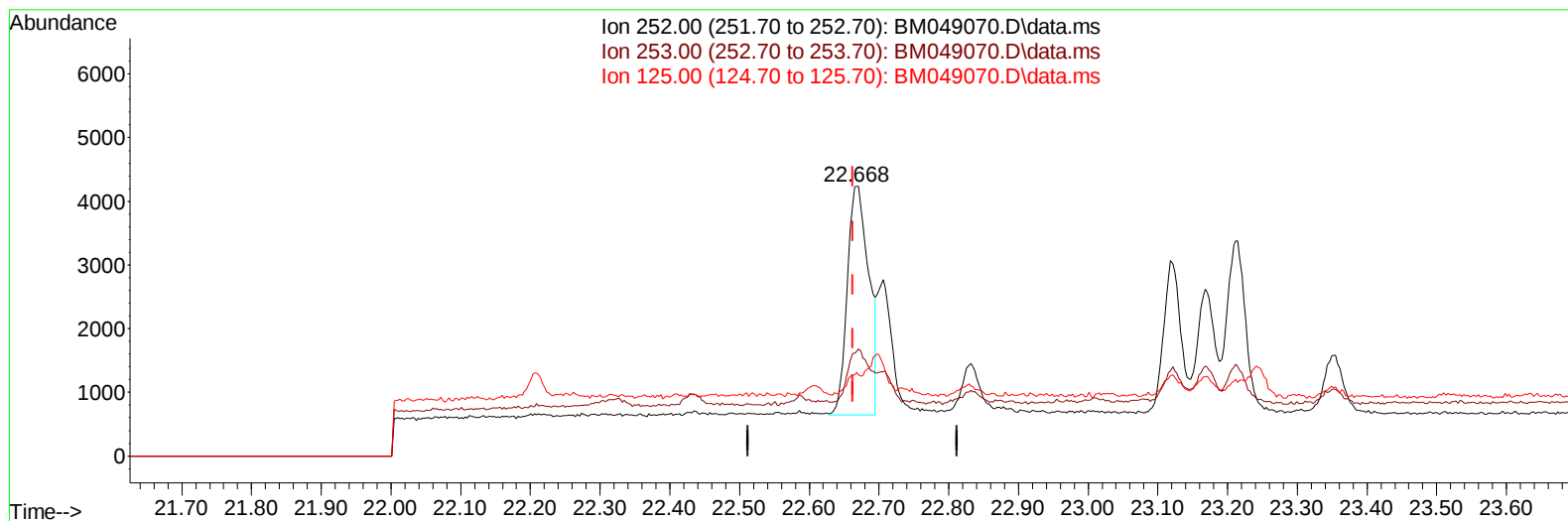
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121924\
Data File : BM049070.D
Acq On : 19 Dec 2024 14:55
Operator : RC/JU
Sample : P5226-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP6

Manual IntegrationsAPPROVED

Quant Time: Dec 19 16:45:28 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

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Supervised By :mohammad ahmed 12/26/2024



TIC: BM049070.D\data.ms

(24) Benzo(b)fluoranthene

22.668min (+ 0.005) 0.14 ng/u1 m

response 7645

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	38.81
125.00	15.40	30.92#
0.00	0.00	0.00

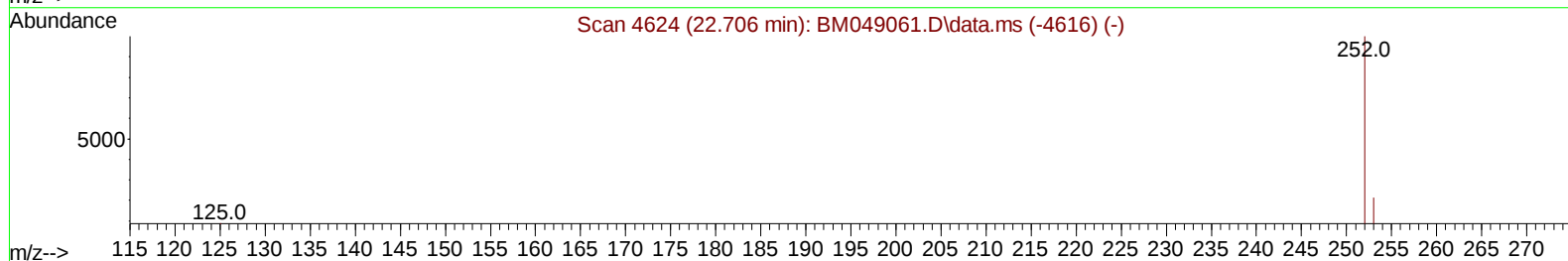
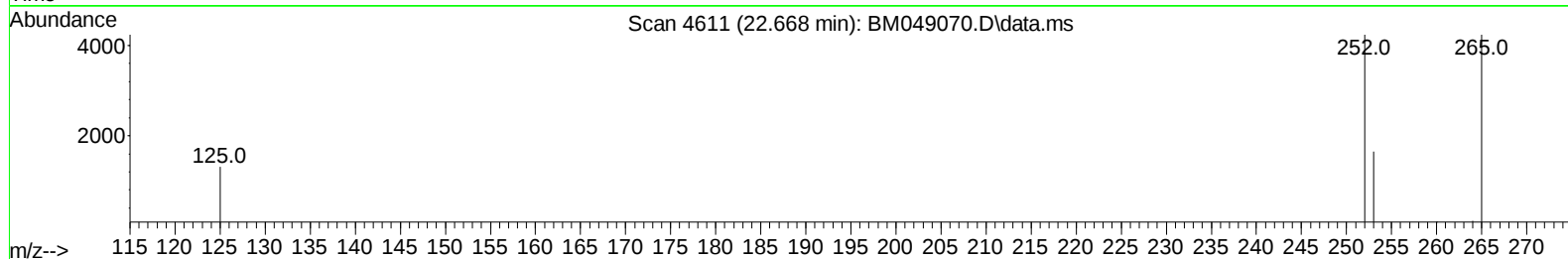
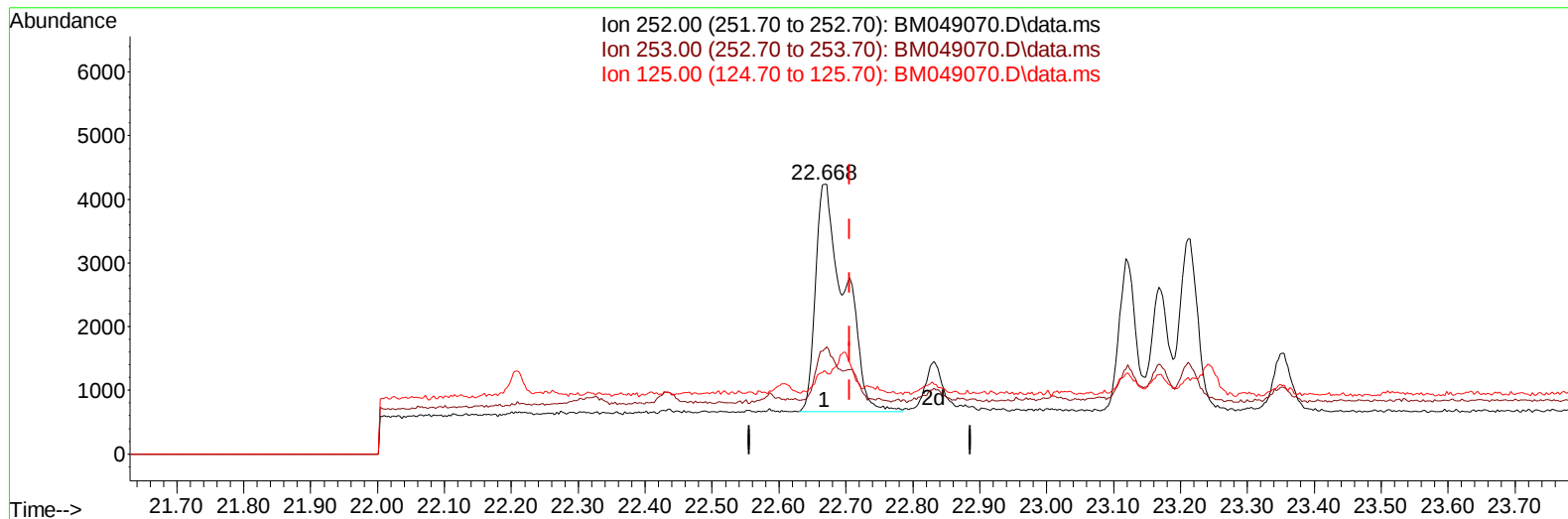
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2AP6

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TIC: BM049070.D\data.ms

(25) Benzo(k)fluoranthene

22.668min (-0.038) 0.18 ng/u1

response 10806

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	38.81#
125.00	15.70	30.92#
0.00	0.00	0.00

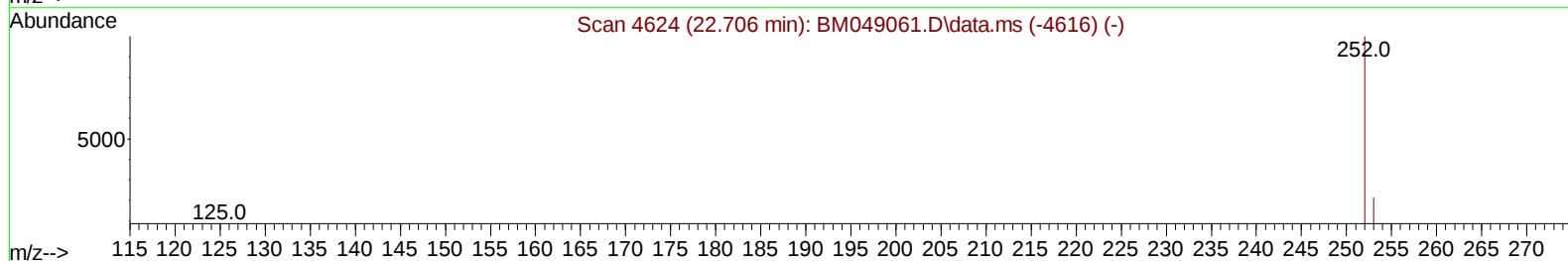
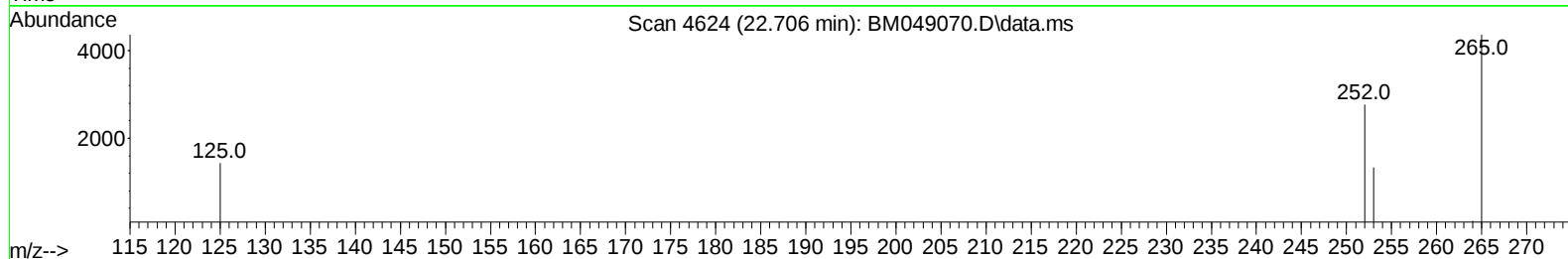
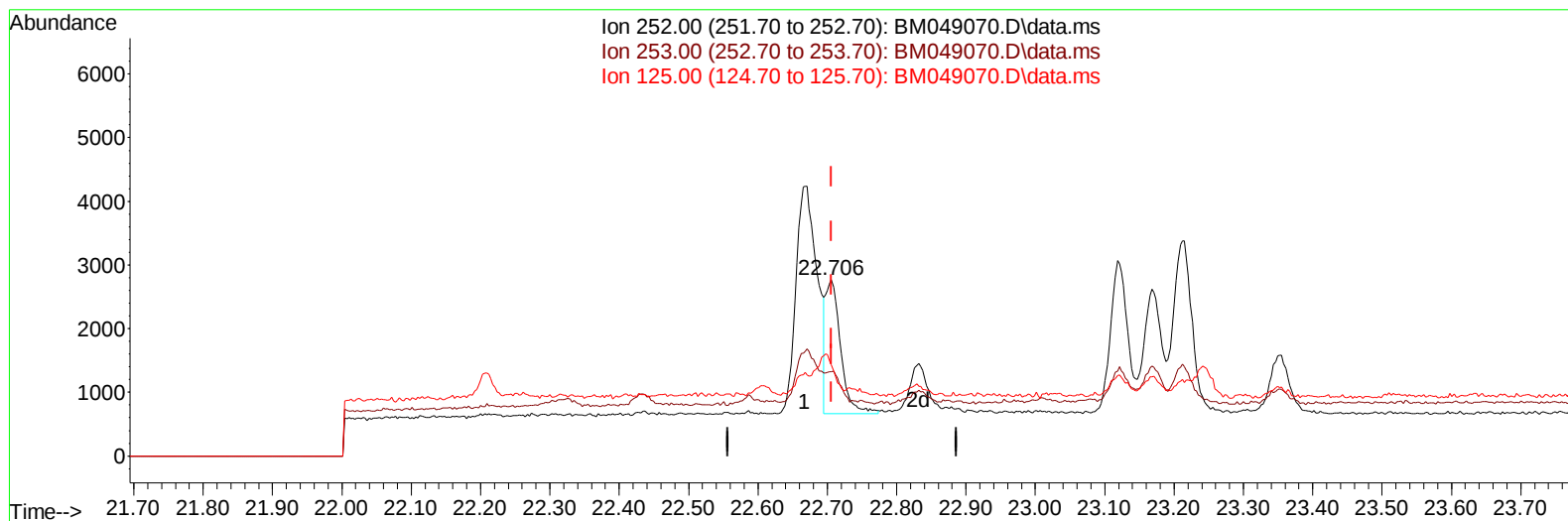
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TIC: BM049070.D\data.ms

(25) Benzo(k)fluoranthene

22.706min (-0.000) 0.05 ng/u1 m

response 3163

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.60	47.85#
125.00	15.70	51.75#
0.00	0.00	0.00

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 Operator : RC/JU
 Sample : P5226-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AP6

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.564	152		6731	0.400	ng/ul	0.00
4) Naphthalene-d8	10.326	136		20111	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164		10787	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.947	188		23428m	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240		17283m	0.400	ng/ul	0.00
23) Perylene-d12	23.305	264		17079m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.151	96		23561	3.035	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152		5586	0.207	ng/ul	0.00
18) Fluoranthene-d10	18.983	212		11156	0.228	ng/ul	0.00
Target Compounds							
						Qvalue	
10) Acenaphthylene	13.914	152		2578	0.058	ng/ul#	90
19) Fluoranthene	19.011	202		3602	0.058	ng/ul#	93
20) Pyrene	19.374	202		3392	0.051	ng/ul#	90
21) Benzo(a)anthracene	21.131	228		2563	0.043	ng/ul#	80
22) Chrysene	21.184	228		3381	0.052	ng/ul#	92
24) Benzo(b)fluoranthene	22.668	252		7645m	0.140	ng/ul	
25) Benzo(k)fluoranthene	22.706	252		3163m	0.053	ng/ul	
26) Benzo(a)pyrene	23.215	252		5007	0.096	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	25.447	276		5099	0.069	ng/ul#	97
29) Benzo(g,h,i)perylene	26.101	276		5586	0.094	ng/ul#	90

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

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