

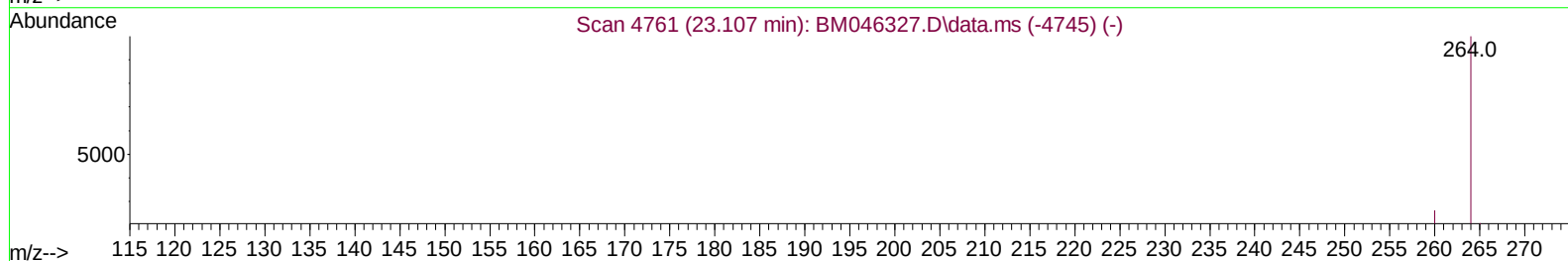
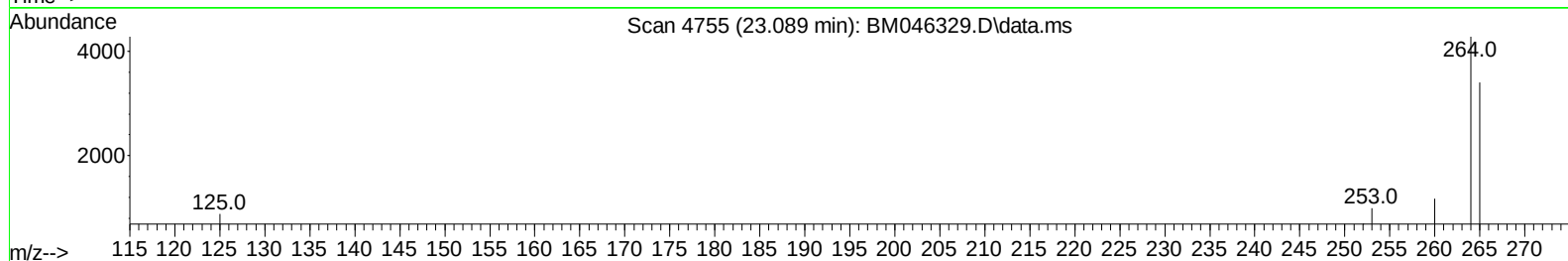
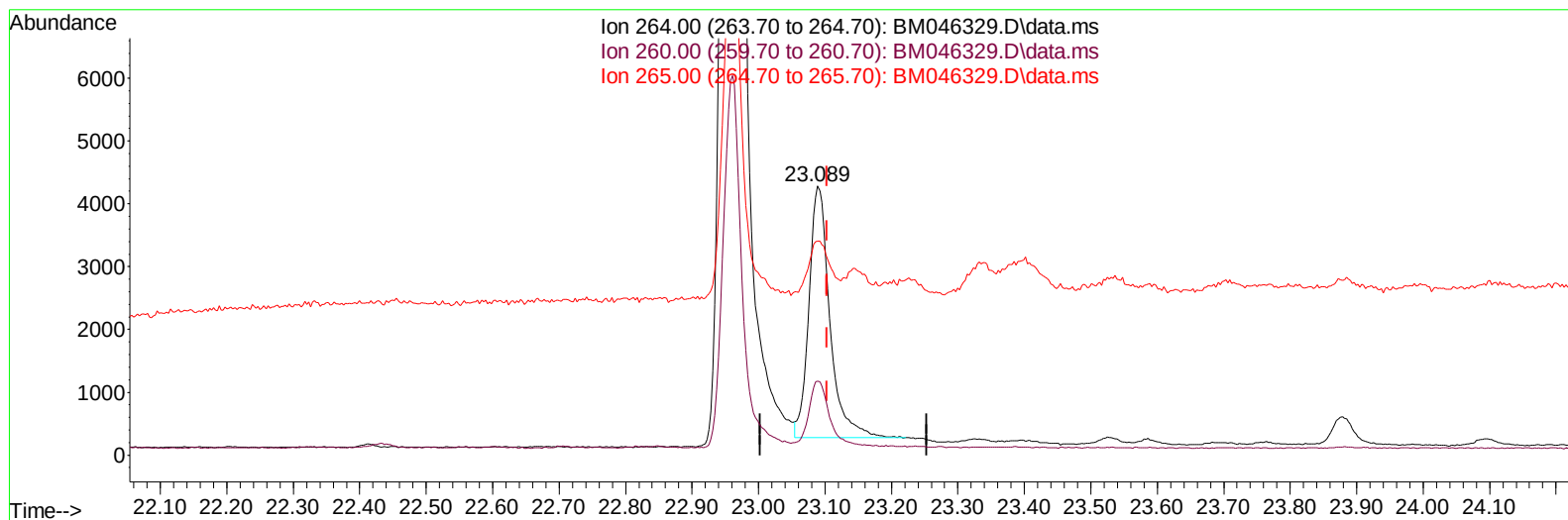
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046329.D
 Acq On : 26 Jun 2024 14:39
 Operator : MA/JU
 Sample : P2909-18DL 5X
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B41DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 15:34:17 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 : Wed Jun 26 03:24:28 2024
 Response via : Initial Calibration

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



TIC: BM046329.D\data.ms

(23) Perylene-d12 (I)

23.089min (-0.015) 0.40 ng/u1

response 8716

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.39
265.00	110.60	79.61#
0.00	0.00	0.00

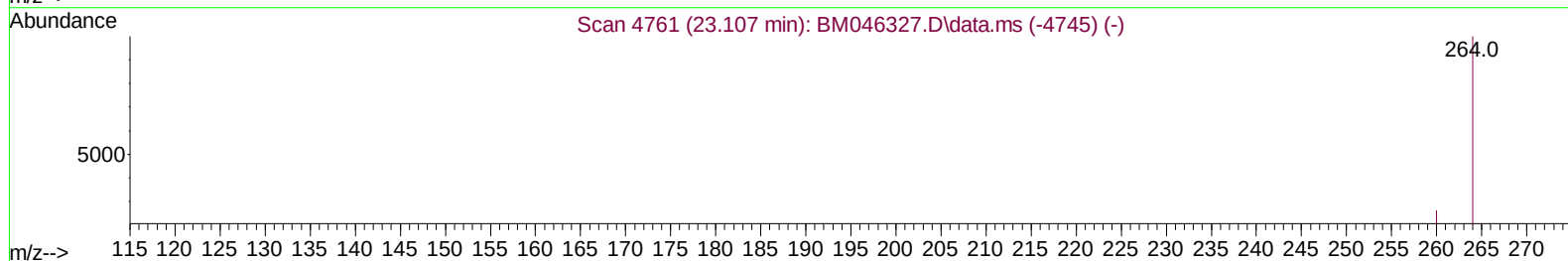
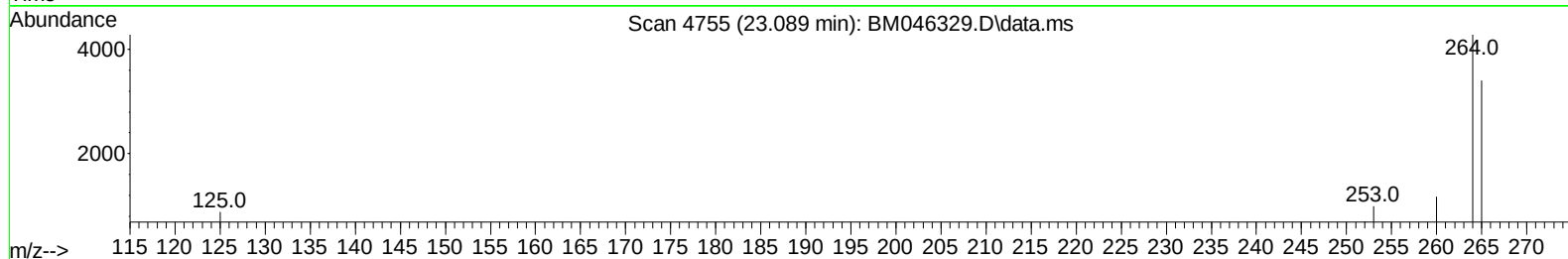
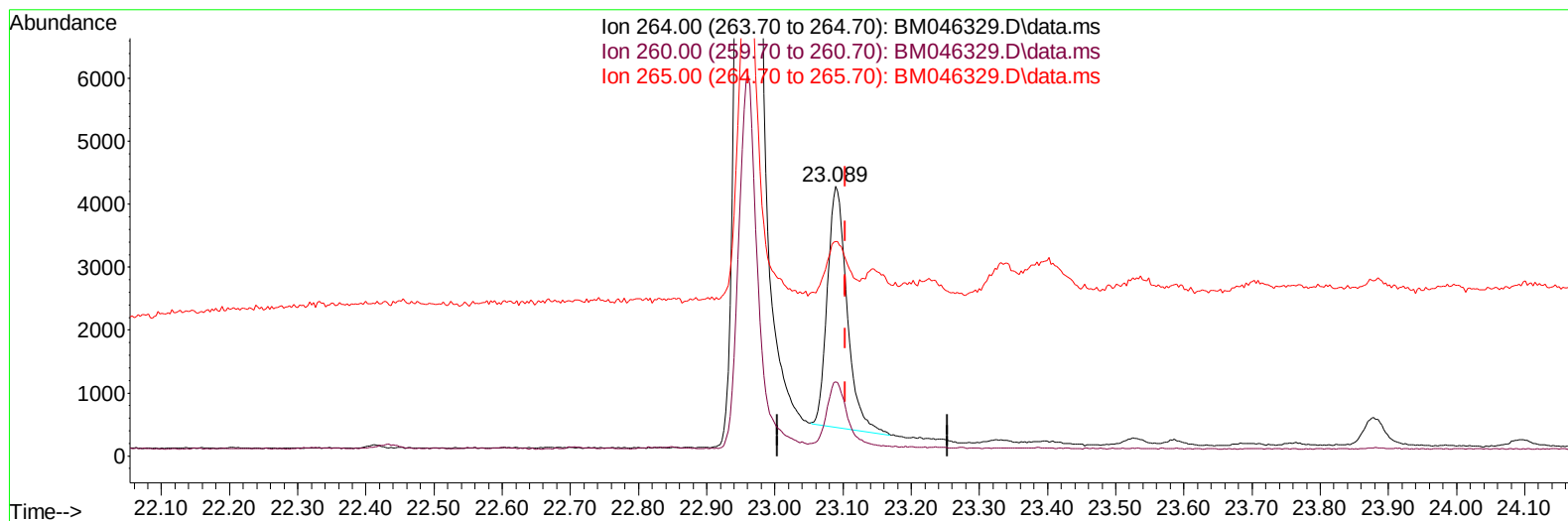
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046329.D
Acq On : 26 Jun 2024 14:39
Operator : MA/JU
Sample : P2909-18DL 5X
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4B41DL

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/27/2024



TIC: BM046329.D\data.ms

(23) Perylene-d12 (I)

23.089min (-0.015) 0.40 ng/ul m

response 7656

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.39
265.00	110.60	79.61#
0.00	0.00	0.00

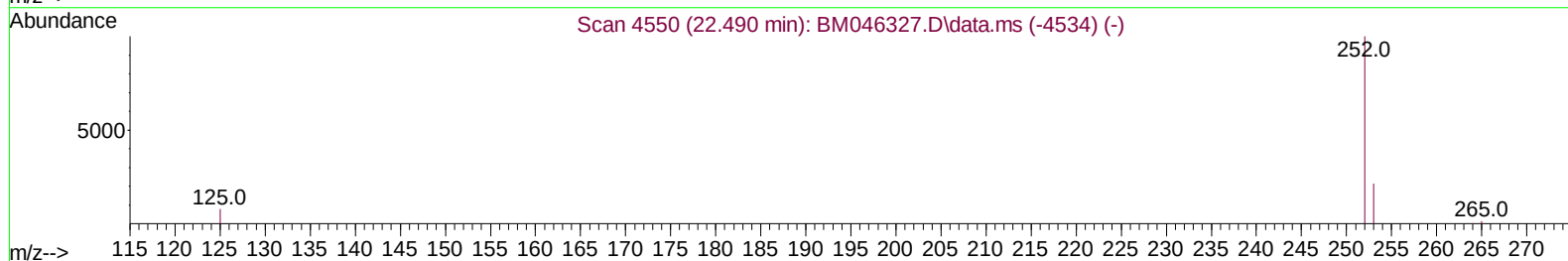
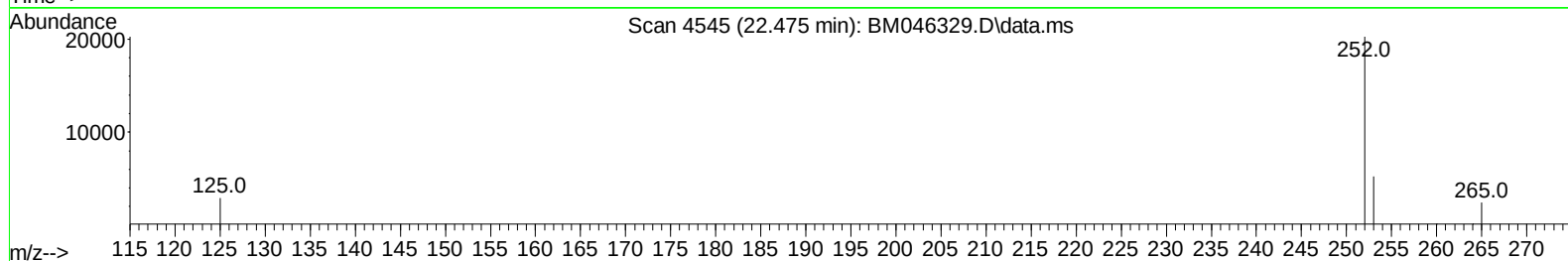
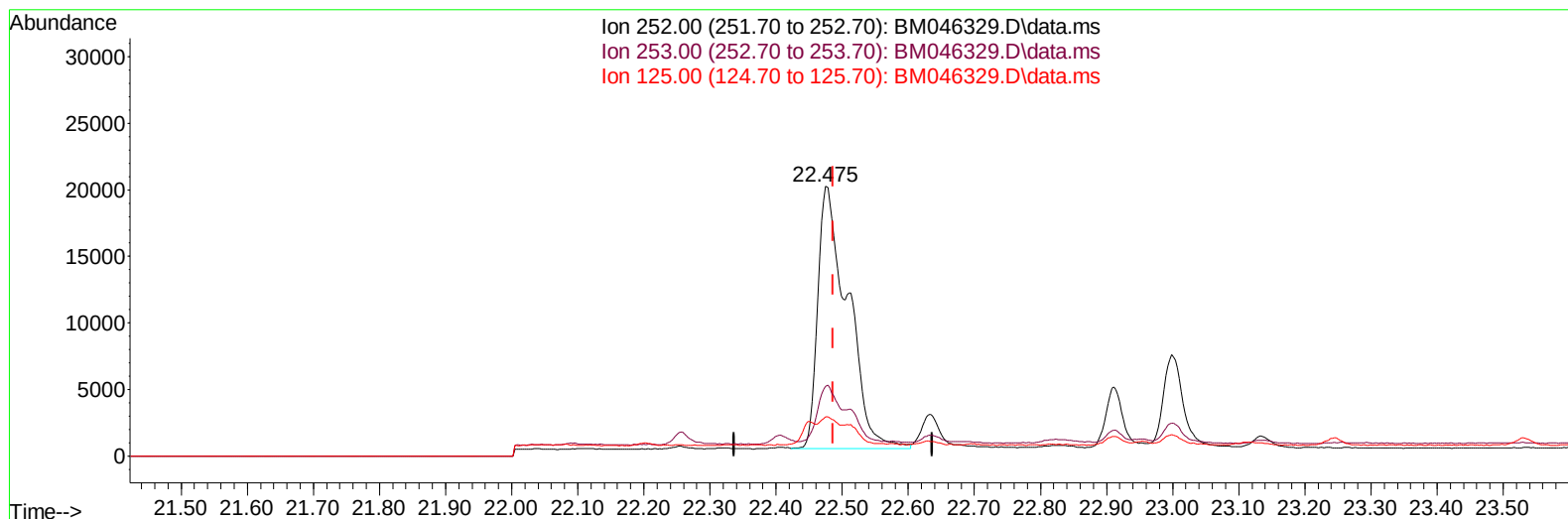
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ALS Vial : 90 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BM046329.D\data.ms

(24) Benzo(b)fluoranthene

22.475min (-0.012) 2.23 ng/uL

response 61519

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	25.78
125.00	20.10	14.55
0.00	0.00	0.00

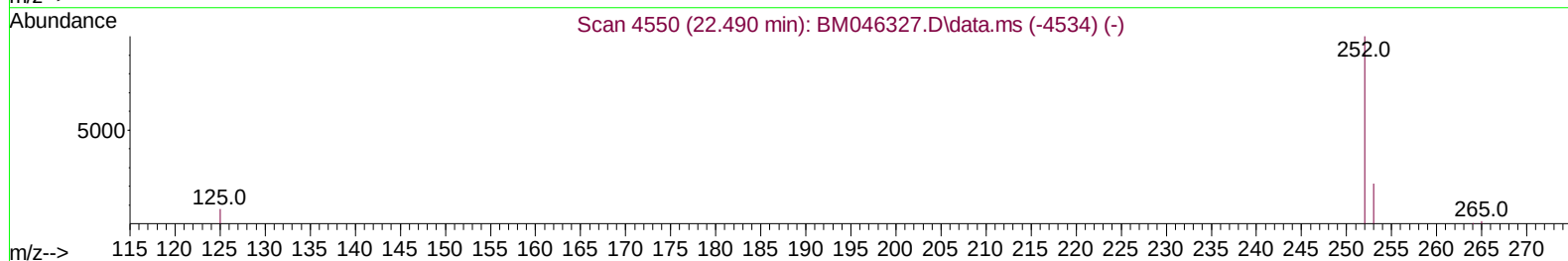
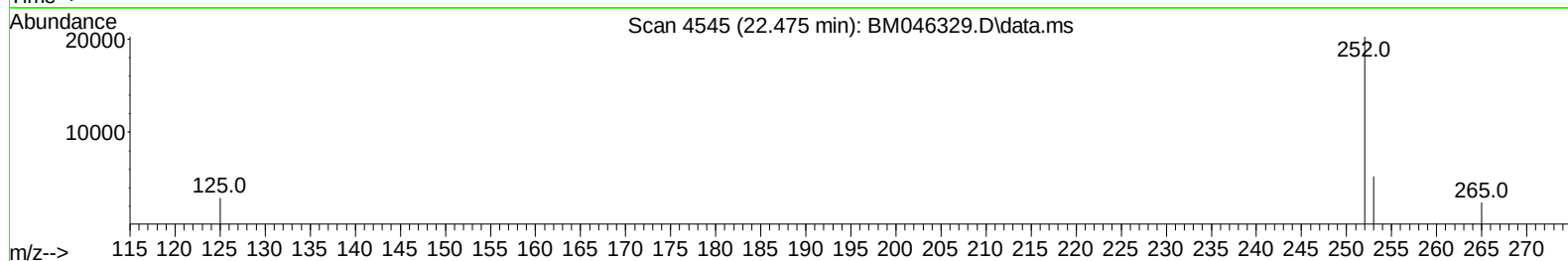
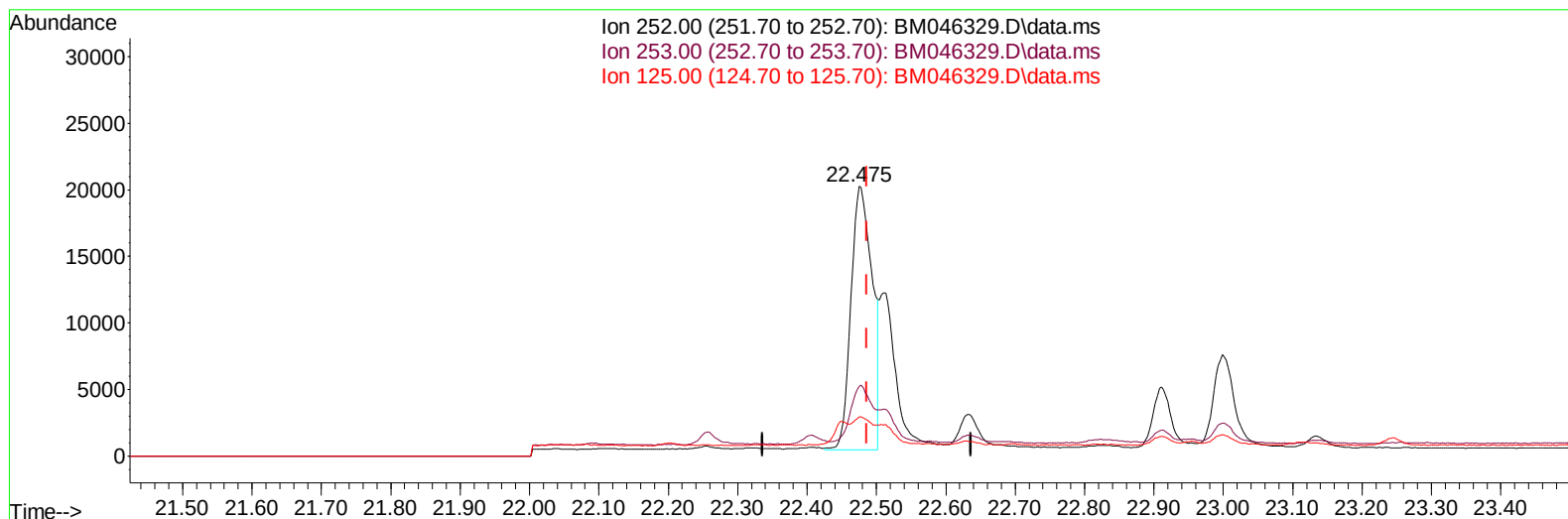
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046329.D
Acq On : 26 Jun 2024 14:39
Operator : MA/JU
Sample : P2909-18DL 5X
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B41DL

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/27/2024



TIC: BM046329.D\data.ms

(24) Benzo(b)fluoranthene

22.475min (-0.012) 1.53 ng/u l m

response 42238

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	25.78
125.00	20.10	14.55
0.00	0.00	0.00

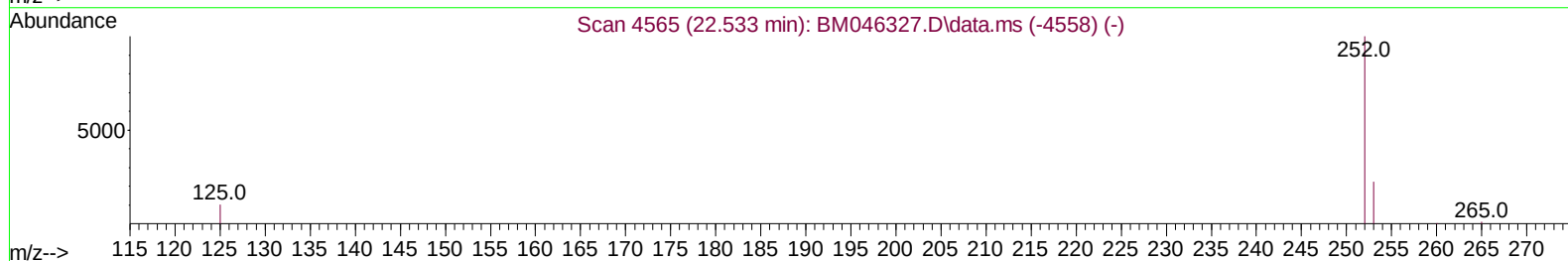
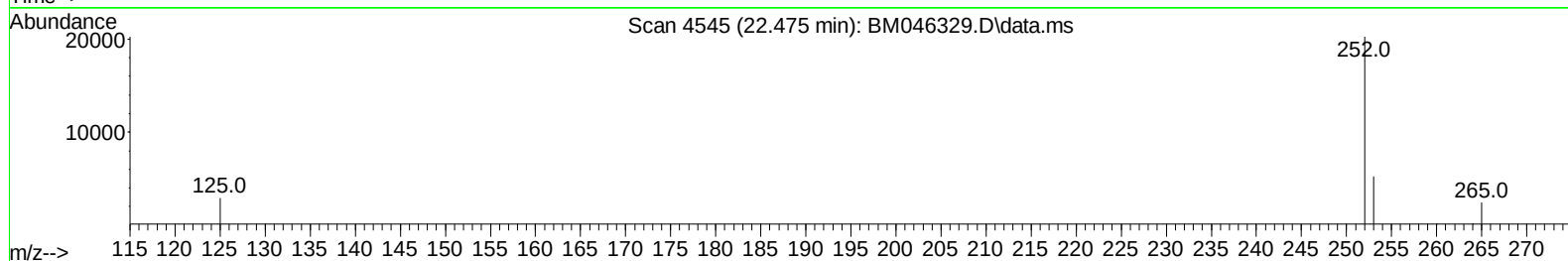
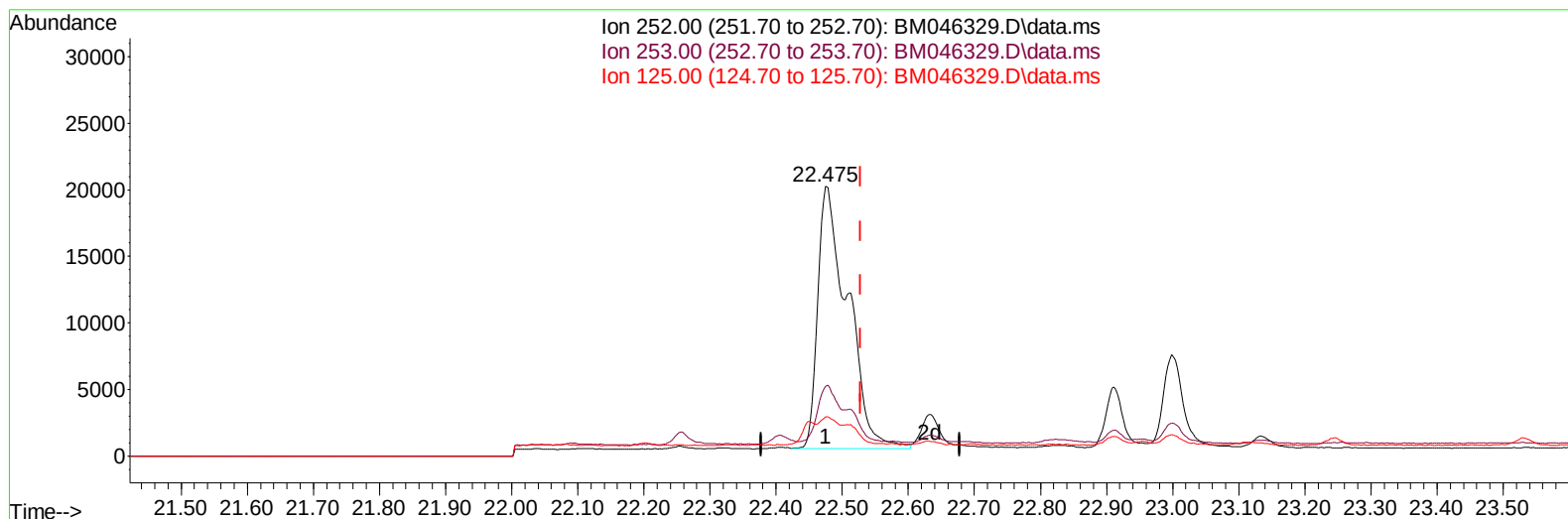
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046329.D
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Operator : MA/JU
Sample : P2909-18DL 5X
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B41DL

Manual IntegrationsAPPROVED

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TIC: BM046329.D\data.ms

(25) Benzo(k)fluoranthene

22.475min (-0.053) 1.88 ng/u1

response 61519

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	25.78#
125.00	20.80	14.55#
0.00	0.00	0.00

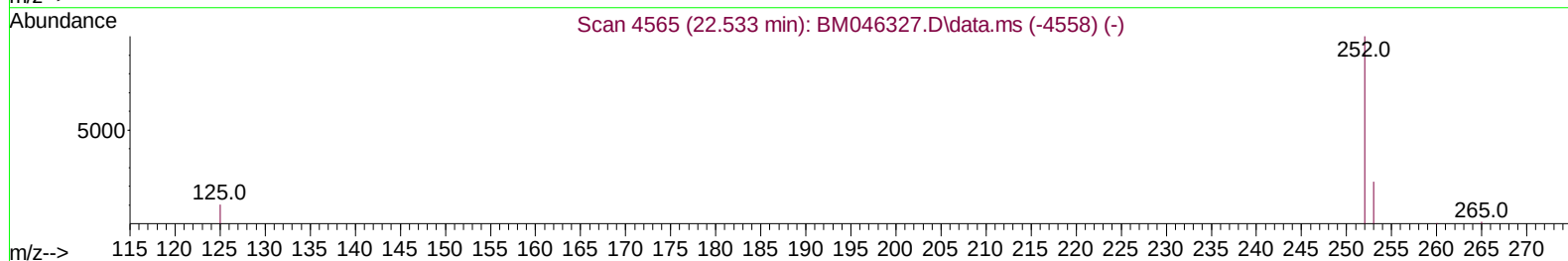
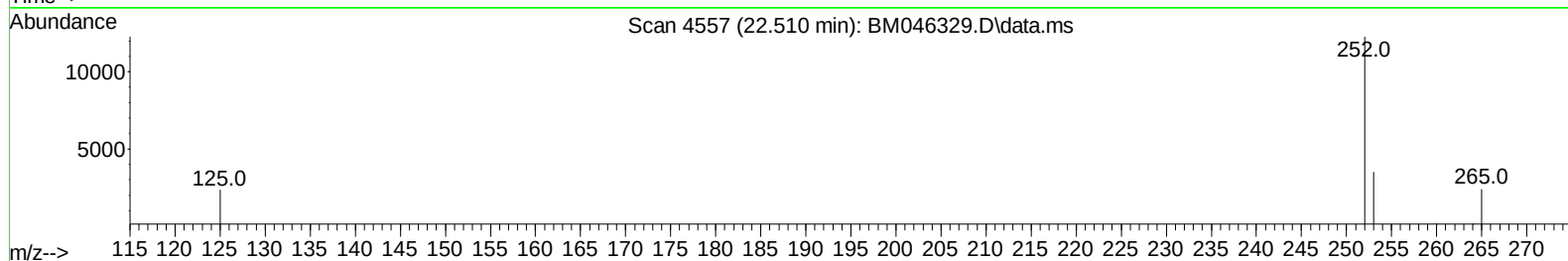
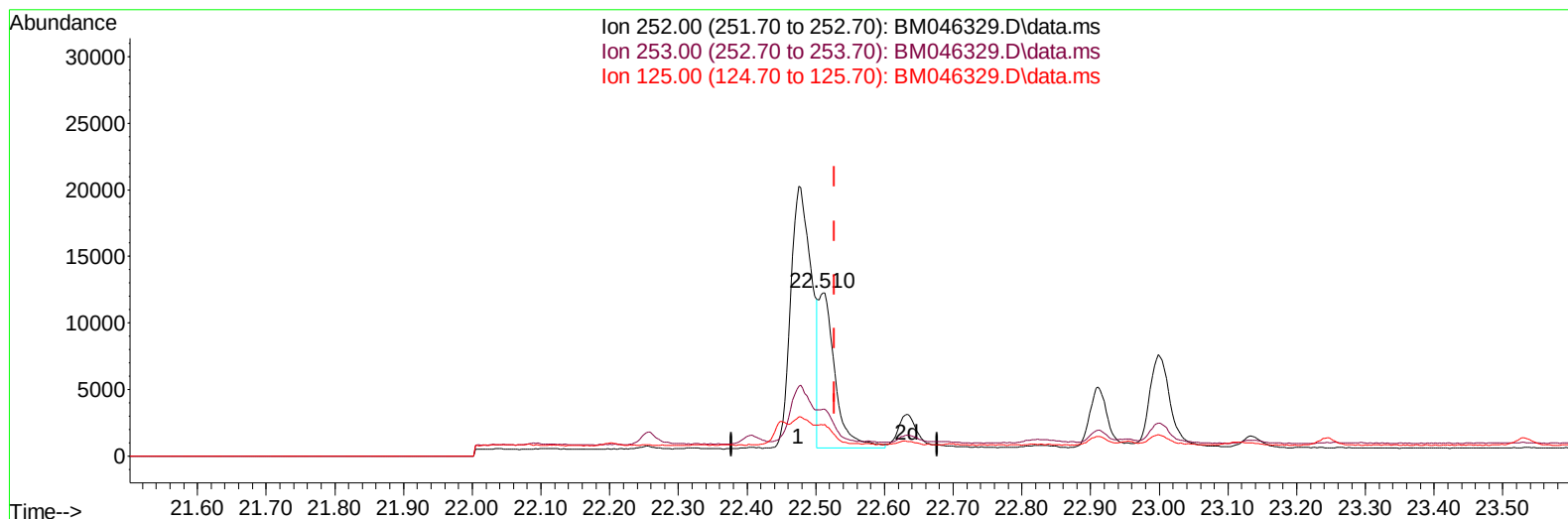
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046329.D
Acq On : 26 Jun 2024 14:39
Operator : MA/JU
Sample : P2909-18DL 5X
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B41DL

Manual IntegrationsAPPROVED

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



TIC: BM046329.D\data.ms

(25) Benzo(k)fluoranthene

22.510min (-0.018) 0.60 ng/u1 m

response 19685

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	28.71
125.00	20.80	19.01
0.00	0.00	0.00

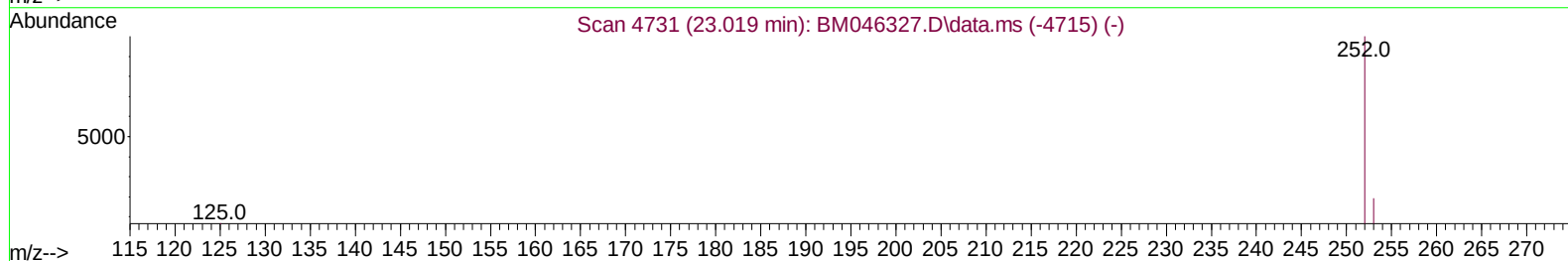
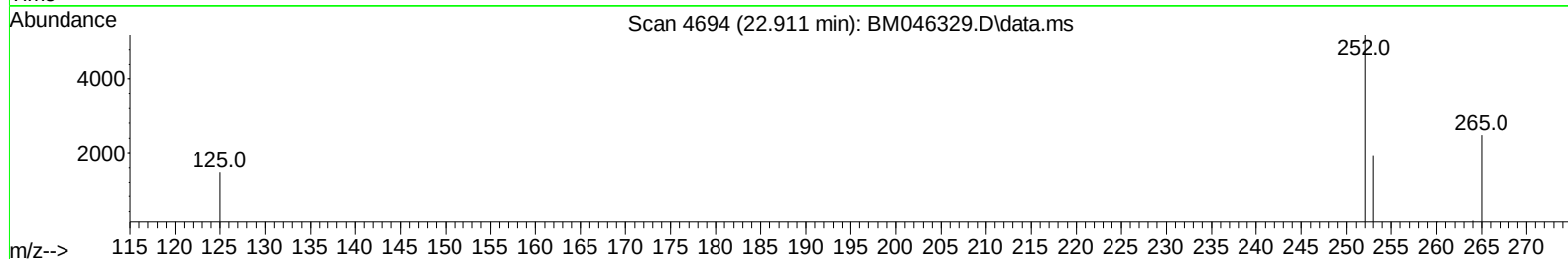
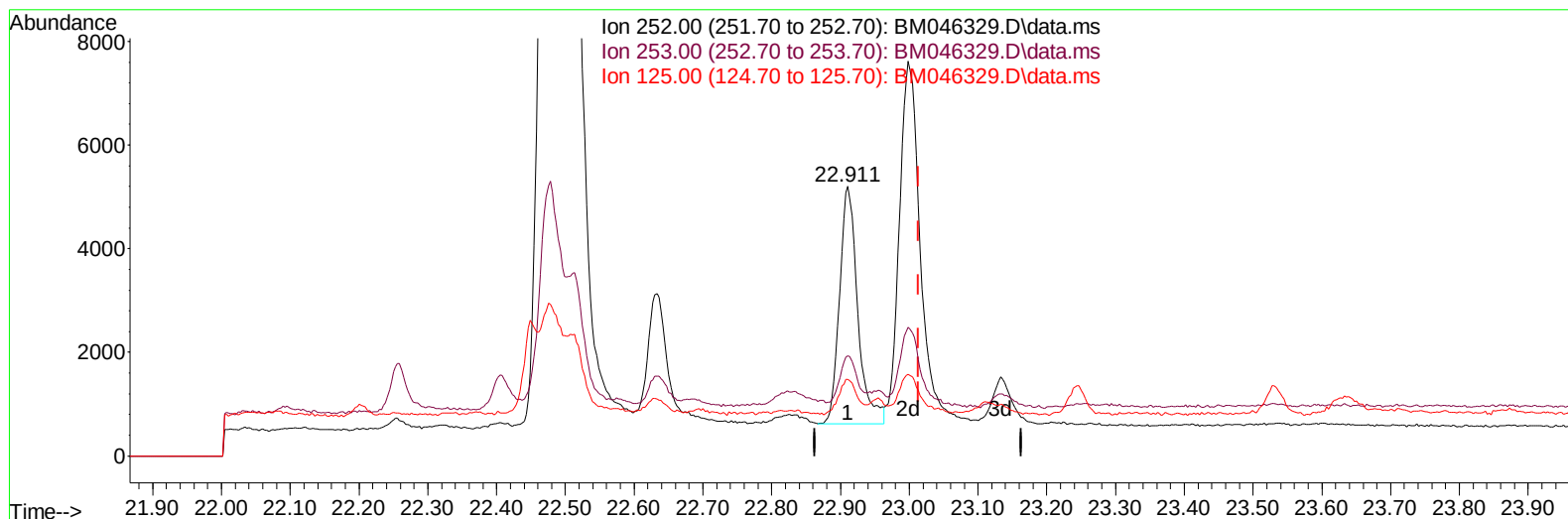
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046329.D
Acq On : 26 Jun 2024 14:39
Operator : MA/JU
Sample : P2909-18DL 5X
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B41DL

Manual IntegrationsAPPROVED

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TIC: BM046329.D\data.ms

(26) Benzo(a)pyrene (C)

22.911min (-0.102) 0.33 ng/u1

response 8451

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	37.15
125.00	26.50	28.52
0.00	0.00	0.00

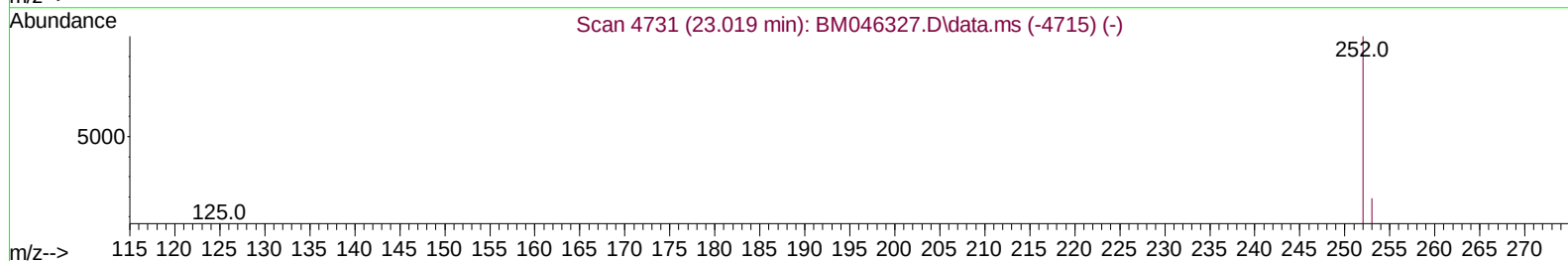
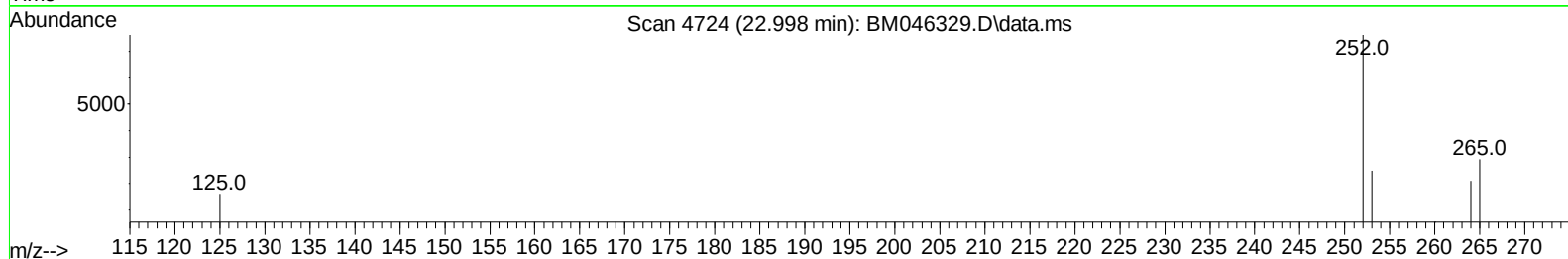
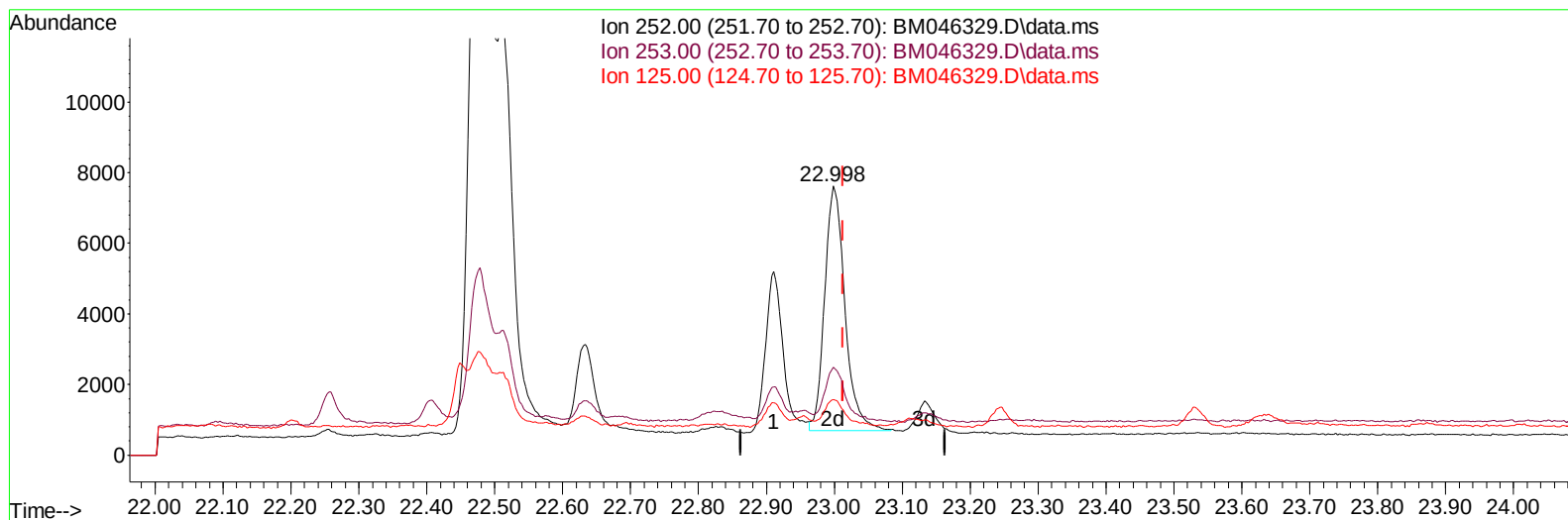
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046329.D
Acq On : 26 Jun 2024 14:39
Operator : MA/JU
Sample : P2909-18DL 5X
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B41DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 15:34:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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QLast Update : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration

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



TIC: BM046329.D\data.ms

(26) Benzo(a)pyrene (C)

22.998min (-0.015) 0.56 ng/u1 m

response 14396

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	32.63
125.00	26.50	20.76#
0.00	0.00	0.00

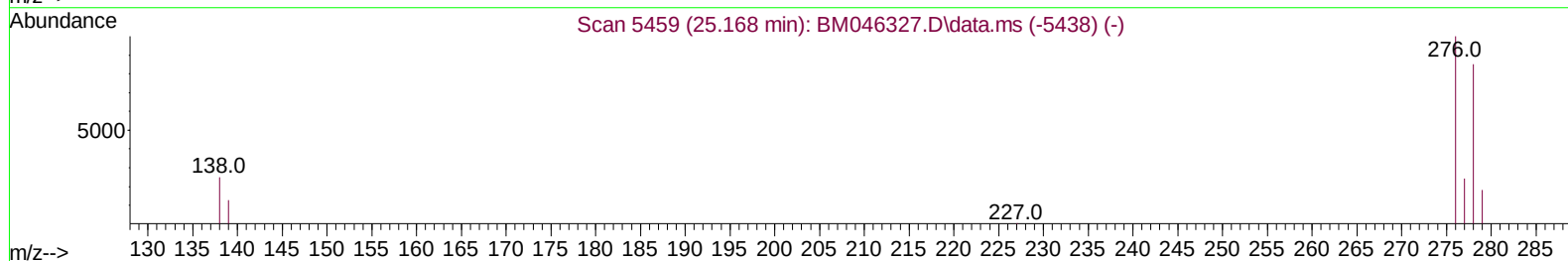
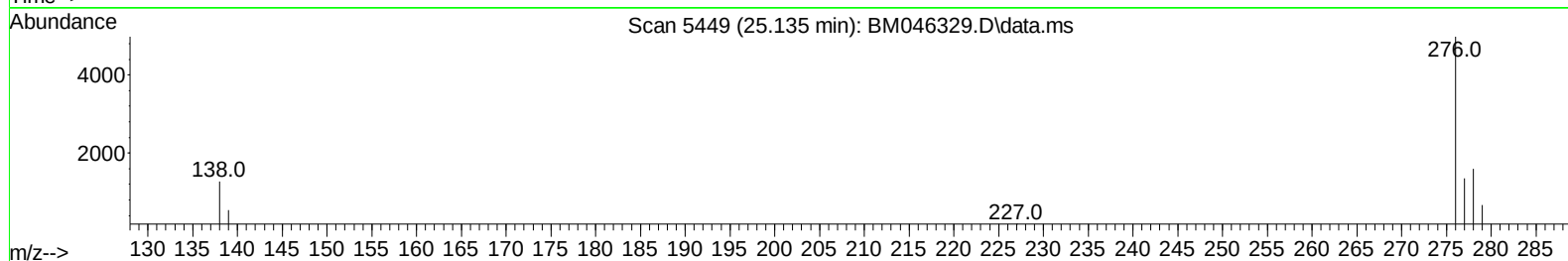
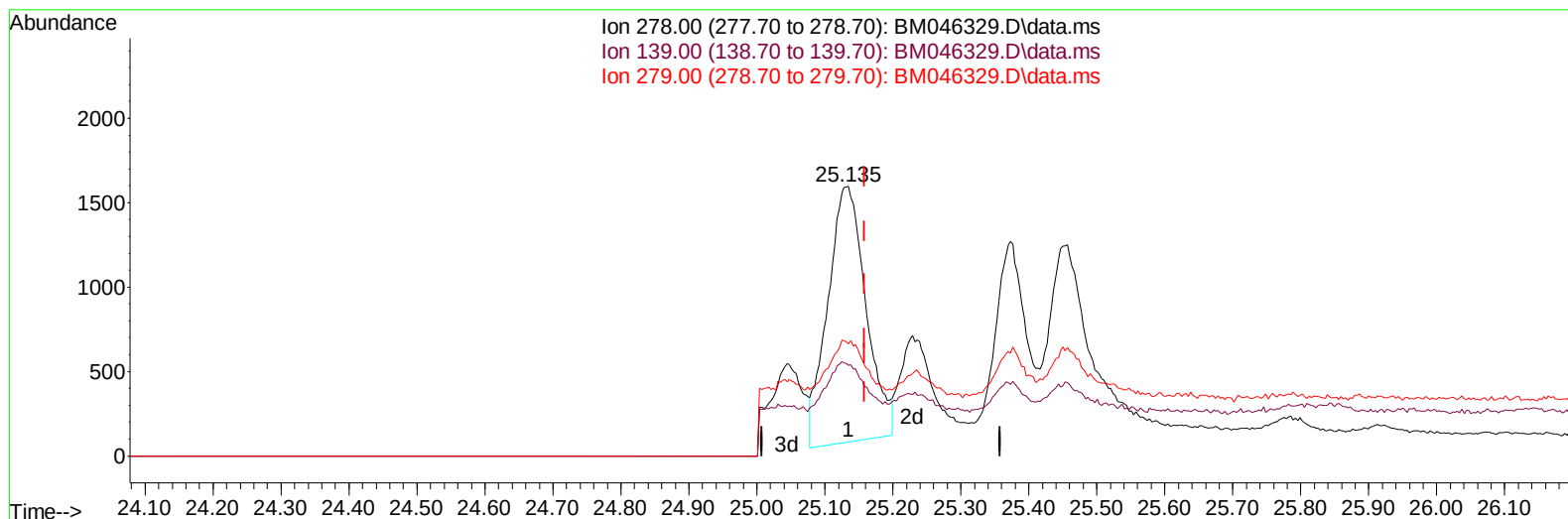
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Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument :
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TIC: BM046329.D\data.ms

(28) Dibenzo(a,h)anthracene

25.135min (-0.023) 0.19 ng/u1

response 5909

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.00	33.58#
279.00	32.90	41.73#
0.00	0.00	0.00

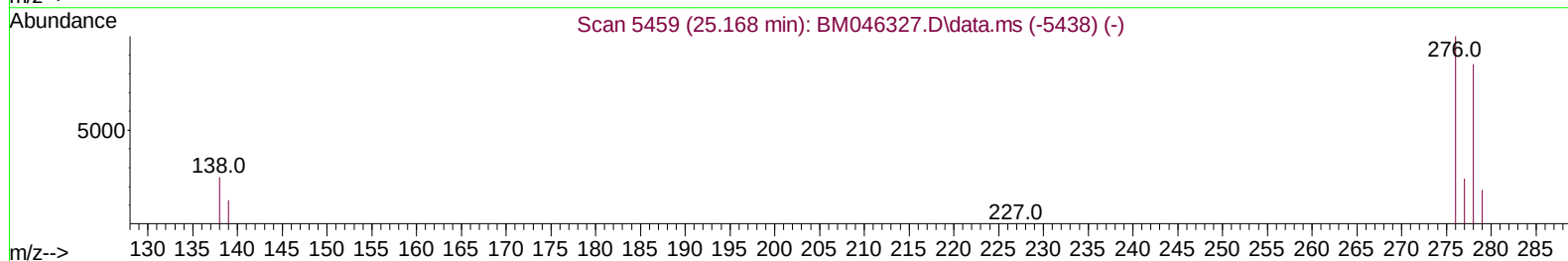
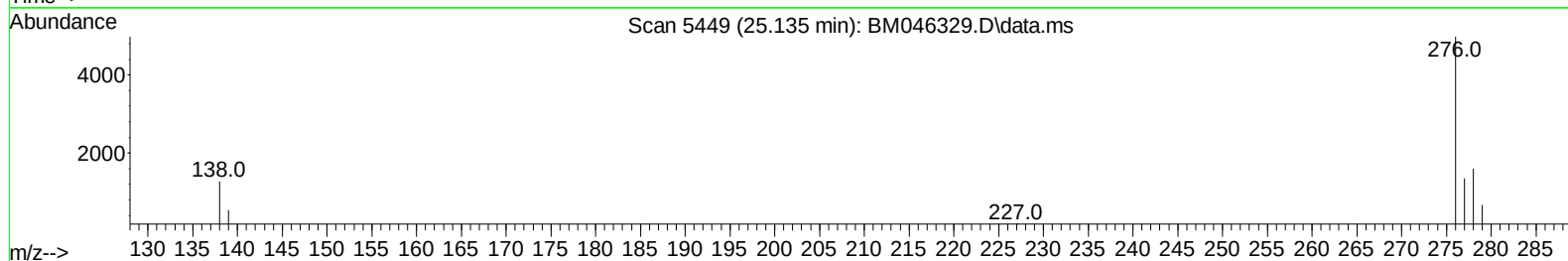
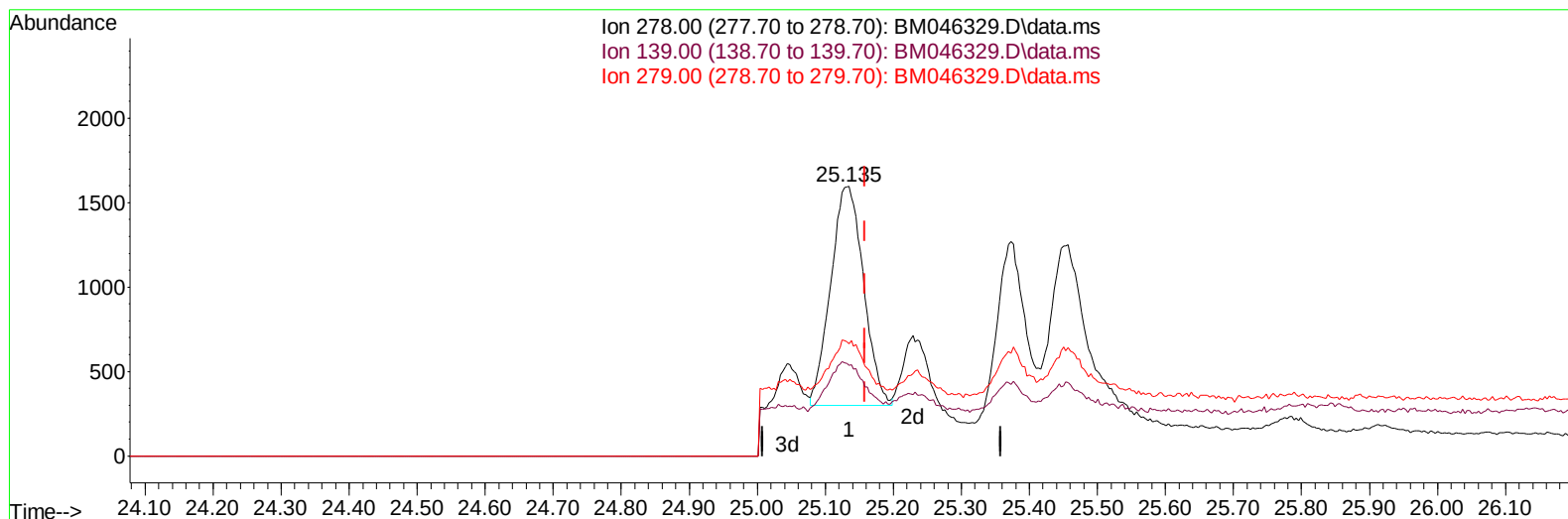
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Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046329.D\data.ms

(28) Dibenzo(a,h)anthracene

25.135min (-0.023) 0.14 ng/ul m

response 4352

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.00	33.58#
279.00	32.90	41.73#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
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 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B41DL

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.405	152	2139	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.211	136	6085	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.053	164	3726	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	16.804	188	7302	0.400	ng/ul	-0.03
17) Chrysene-d12	21.003	240	6415	0.400	ng/ul	-0.01
23) Perylene-d12	23.089	264	7656m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	1540	0.525	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.844	152	336	0.041	ng/ul	0.00
18) Fluoranthene-d10	18.830	212	879	0.046	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.260	128	531	0.031	ng/ul#	33
7) 2-Methylnaphthalene	11.910	142	223	0.023	ng/ul	90
10) Acenaphthylene	13.776	152	1353	0.077	ng/ul#	74
11) Acenaphthene	14.118	153	1348	0.106	ng/ul	97
12) Fluorene	15.122	166	1369	0.100	ng/ul#	98
15) Phenanthrene	16.842	178	30719	1.497	ng/ul	97
16) Anthracene	16.934	178	6446	0.422	ng/ul	96
19) Fluoranthene	18.863	202	66190	2.383	ng/ul	95
20) Pyrene	19.221	202	45998	1.531	ng/ul	97
21) Benzo(a)anthracene	20.985	228	29069	1.173	ng/ul	99
22) Chrysene	21.038	228	28883	0.913	ng/ul	99
24) Benzo(b)fluoranthene	22.475	252	42238m	1.531	ng/ul	
25) Benzo(k)fluoranthene	22.510	252	19685m	0.600	ng/ul	
26) Benzo(a)pyrene	22.998	252	14396m	0.563	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.132	276	15239	0.364	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.135	278	4352m	0.140	ng/ul	
29) Benzo(g,h,i)perylene	25.759	276	2281	0.064	ng/ul#	63

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

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