

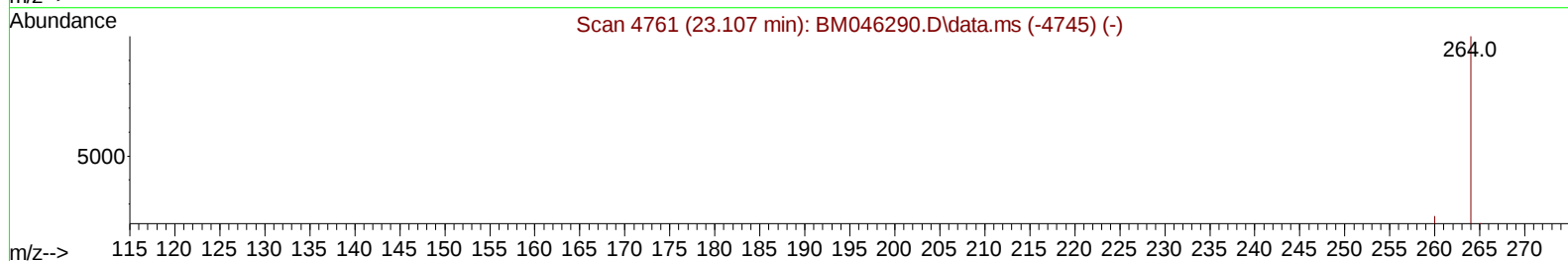
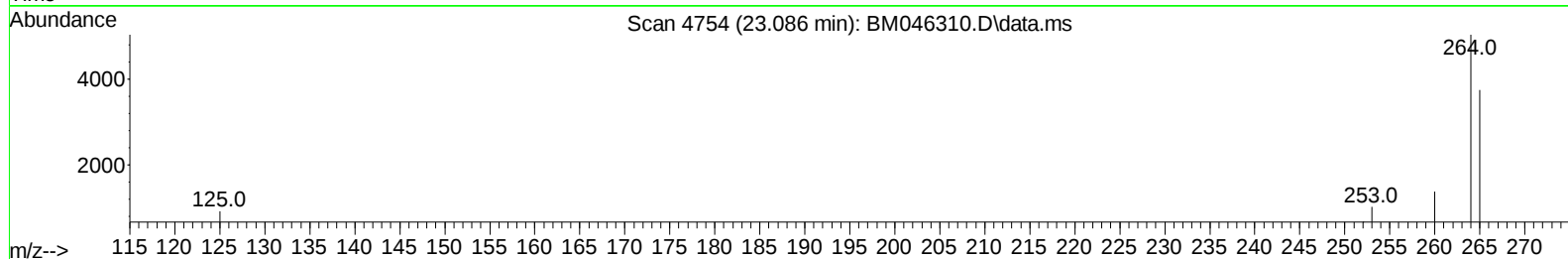
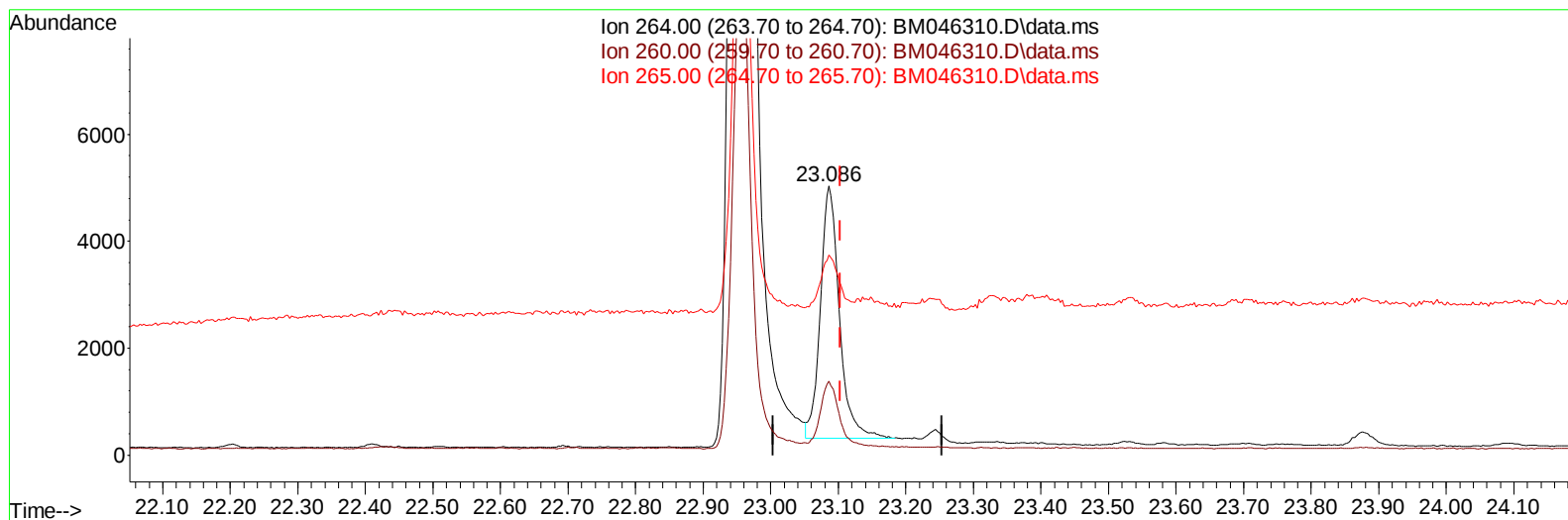
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046310.D
Acq On : 26 Jun 2024 03:02
Operator : MA/JU
Sample : P2844-24DL 5X
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C49DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 04:13:28 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 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046310.D\data.ms

(23) Perylene-d12 (I)

23.086min (-0.017) 0.40 ng/u1

response 9208

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.47
265.00	110.60	74.28#
0.00	0.00	0.00

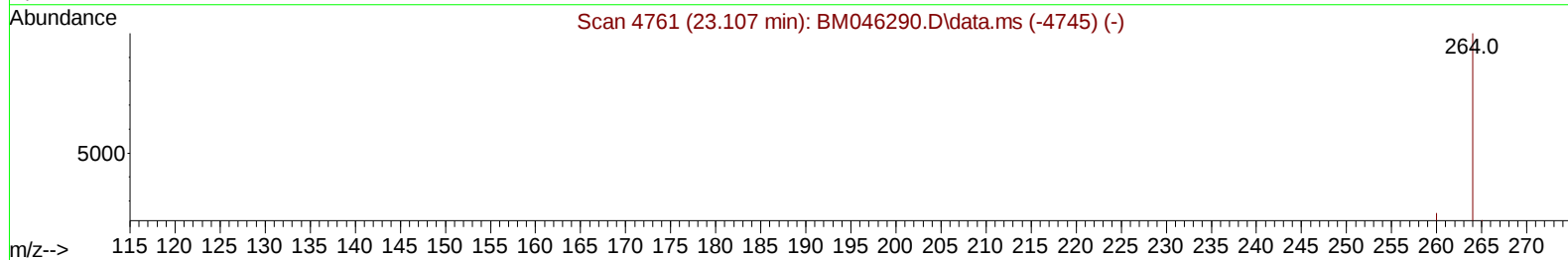
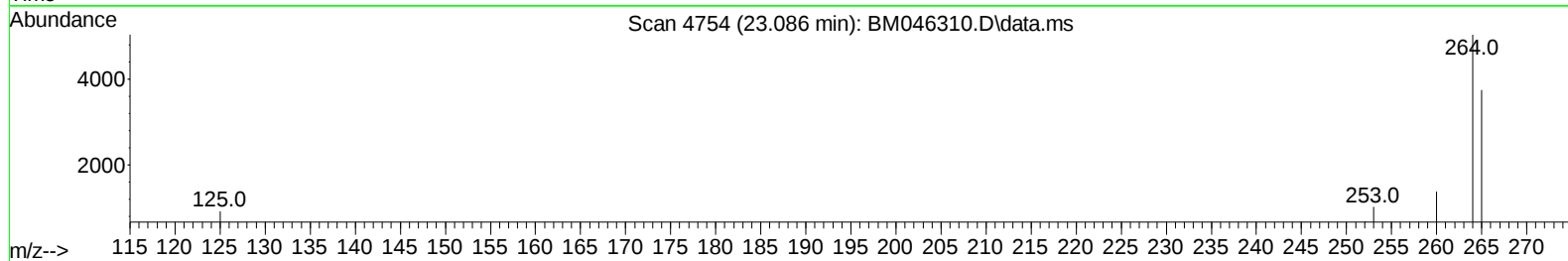
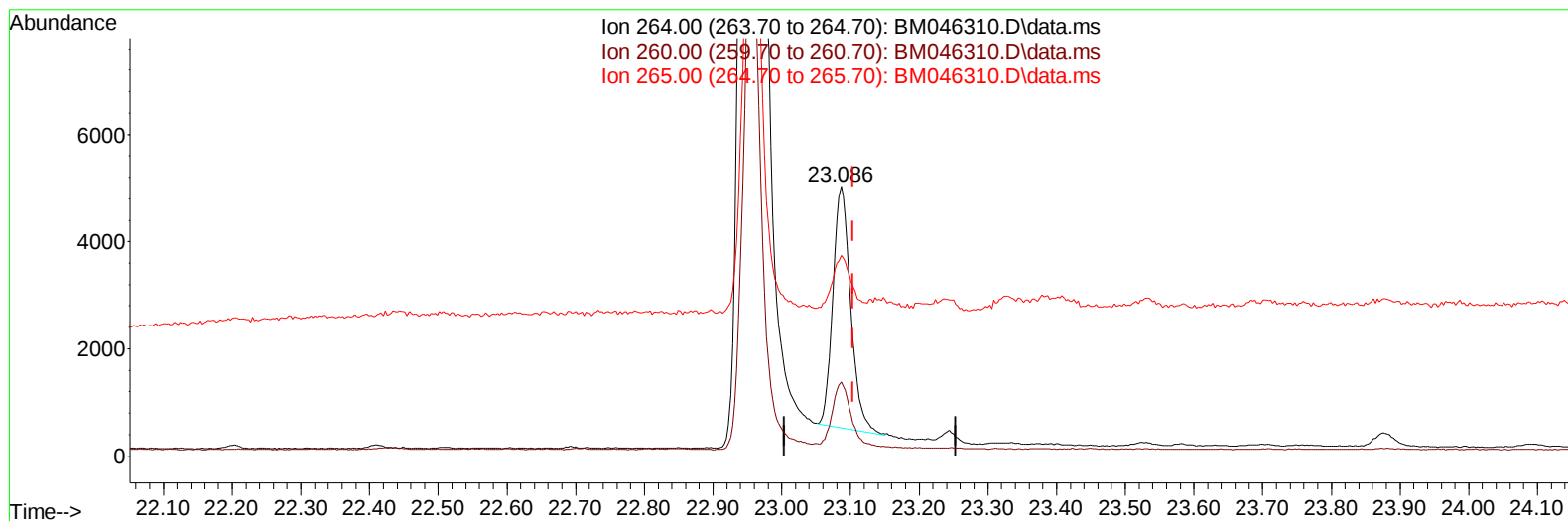
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TIC: BM046310.D\data.ms

(23) Perylene-d12 (I)

23.086min (-0.017) 0.40 ng/ul m

response 8100

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.47
265.00	110.60	74.28#
0.00	0.00	0.00

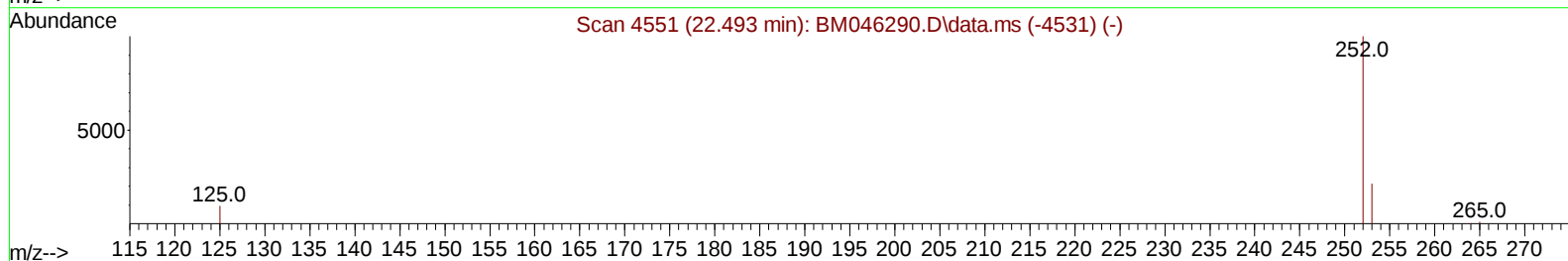
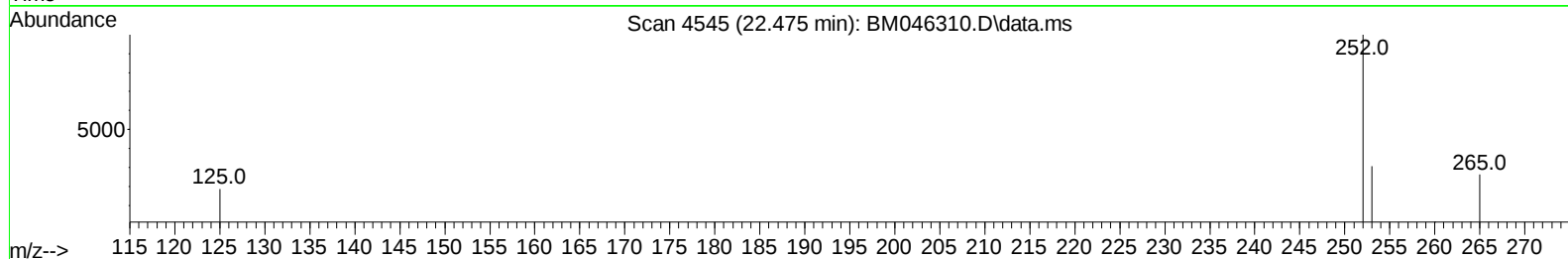
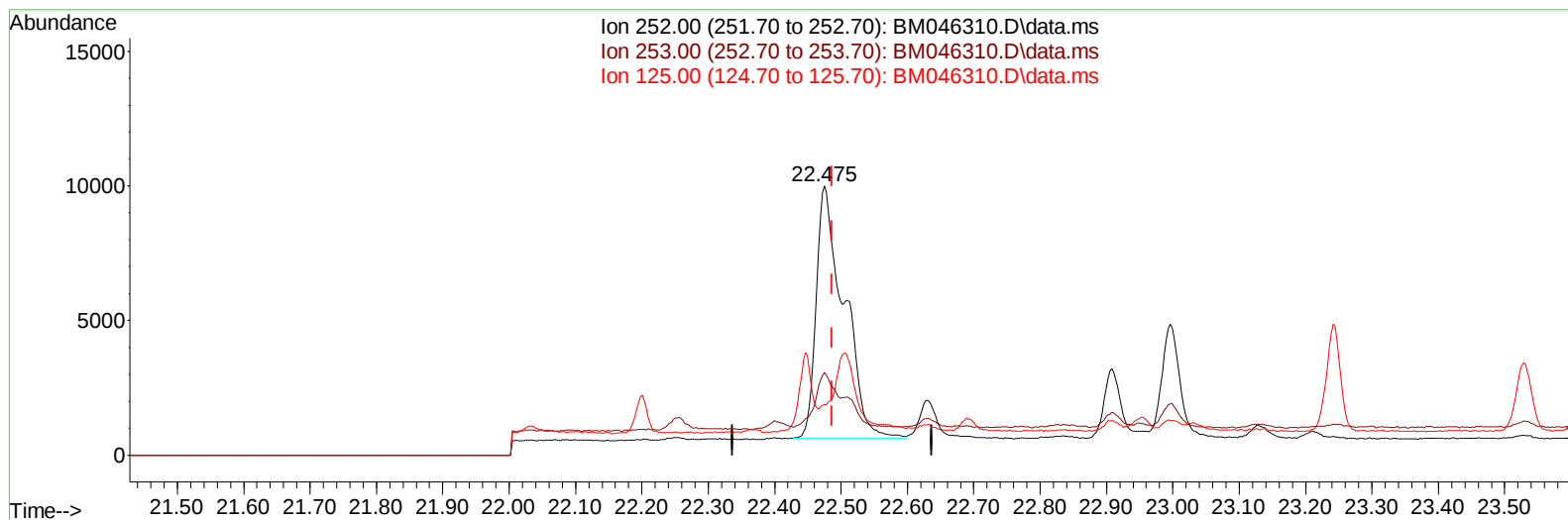
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TIC: BM046310.D\data.ms

(24) Benzo(b)fluoranthene

22.475min (-0.012) 0.93 ng/u1

response 27264

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	30.87
125.00	20.10	18.65
0.00	0.00	0.00

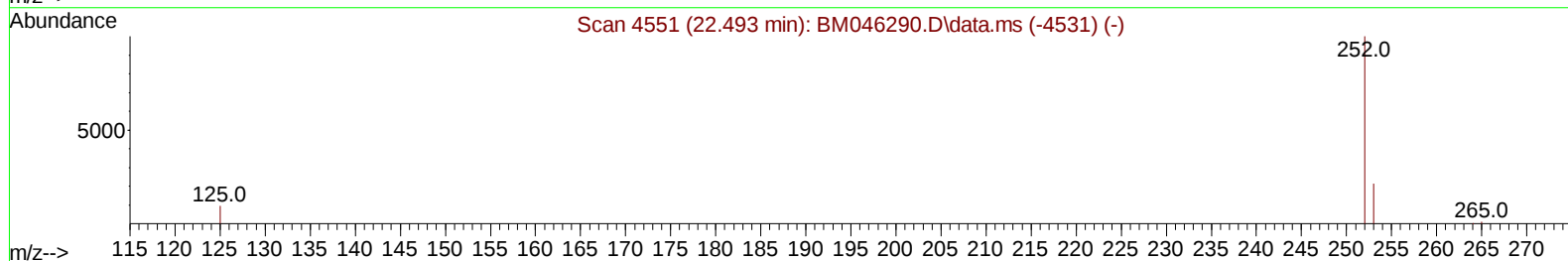
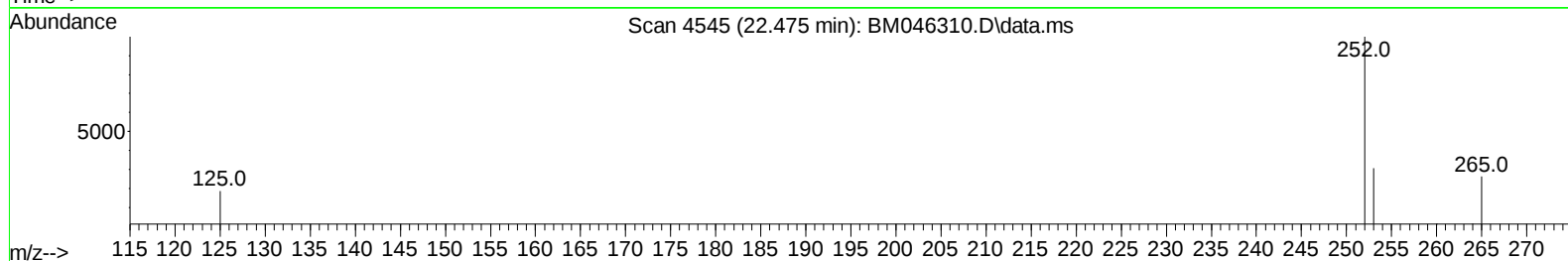
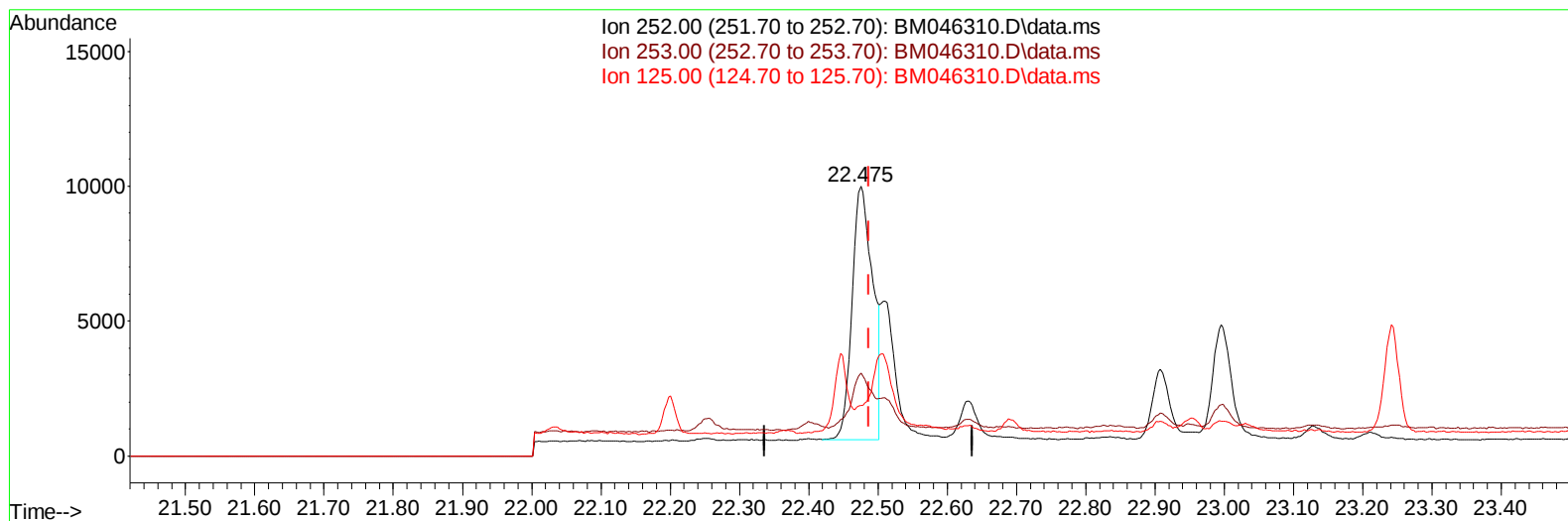
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046310.D
Acq On : 26 Jun 2024 03:02
Operator : MA/JU
Sample : P2844-24DL 5X
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C49DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 04:13:28 2024
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TIC: BM046310.D\data.ms

(24) Benzo(b)fluoranthene

22.475min (-0.012) 0.67 ng/u1 m

response 19640

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	30.87
125.00	20.10	18.65
0.00	0.00	0.00

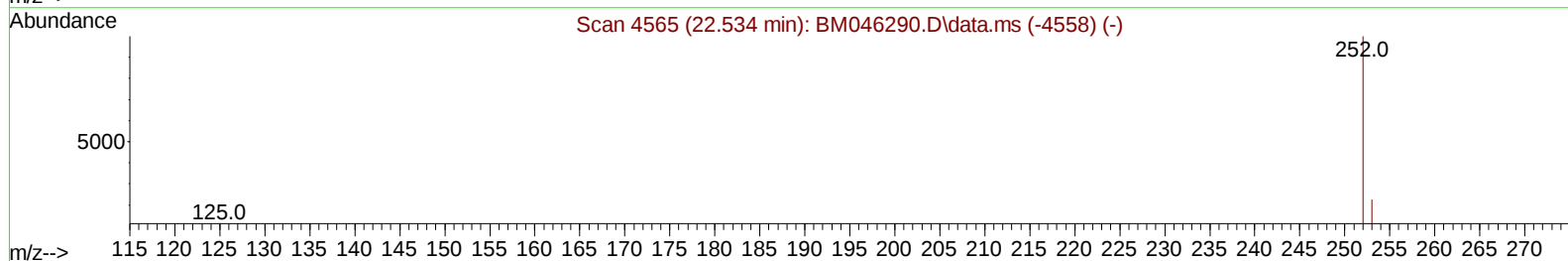
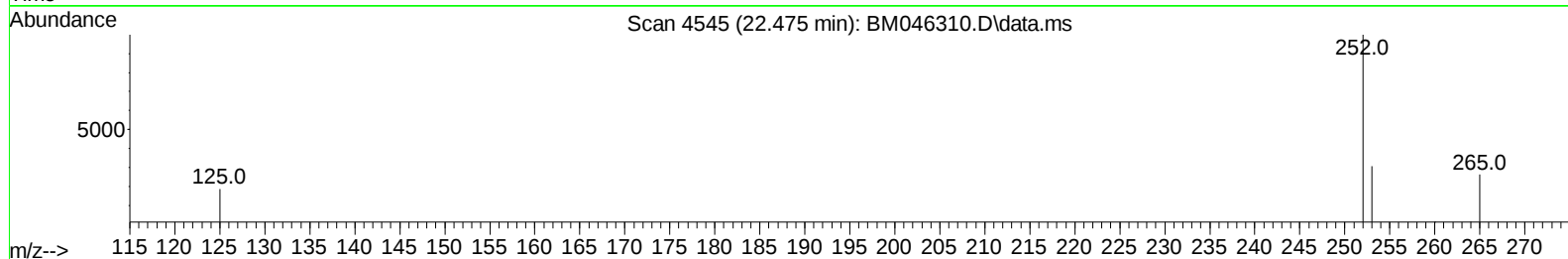
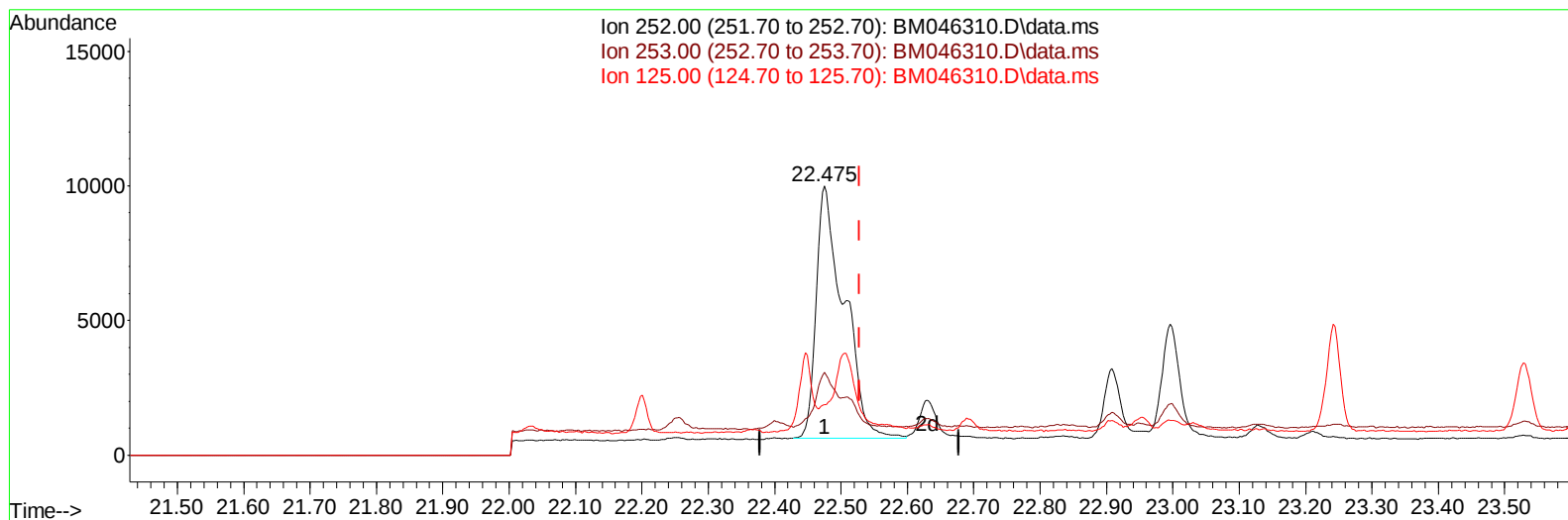
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046310.D
Acq On : 26 Jun 2024 03:02
Operator : MA/JU
Sample : P2844-24DL 5X
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C49DL

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TIC: BM046310.D\data.ms

(25) Benzo(k)fluoranthene

22.475min (-0.053) 0.79 ng/u1

response 27264

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	30.87
125.00	20.80	18.65
0.00	0.00	0.00

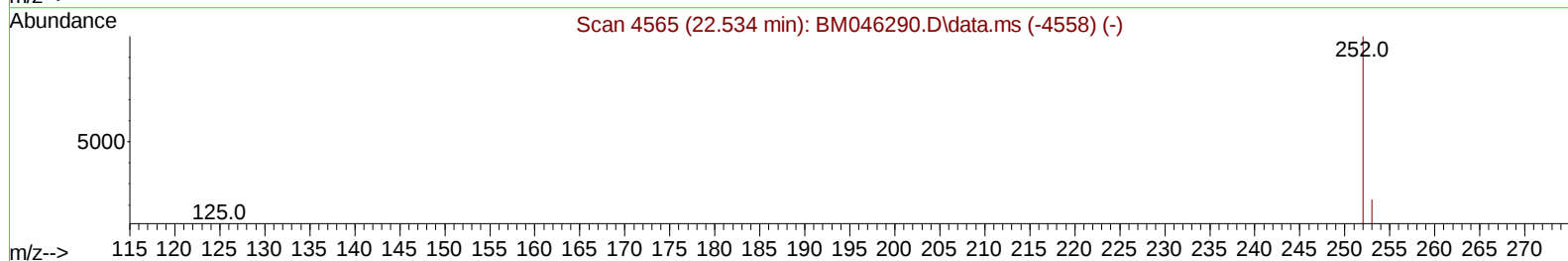
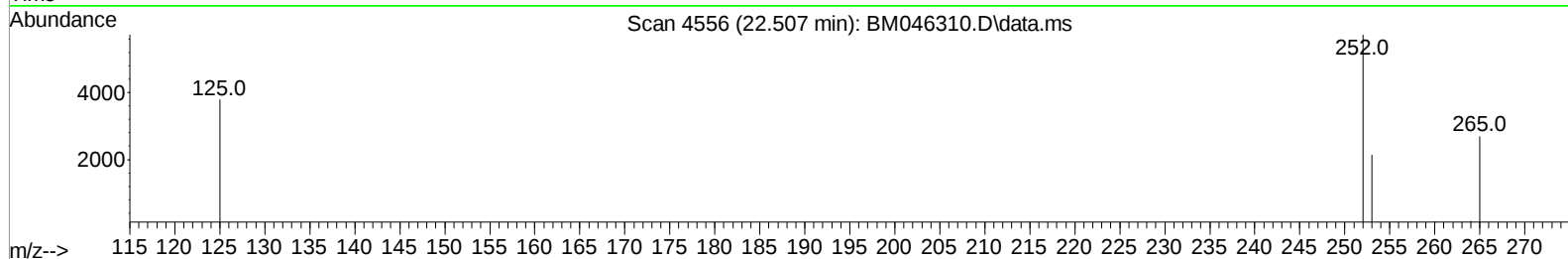
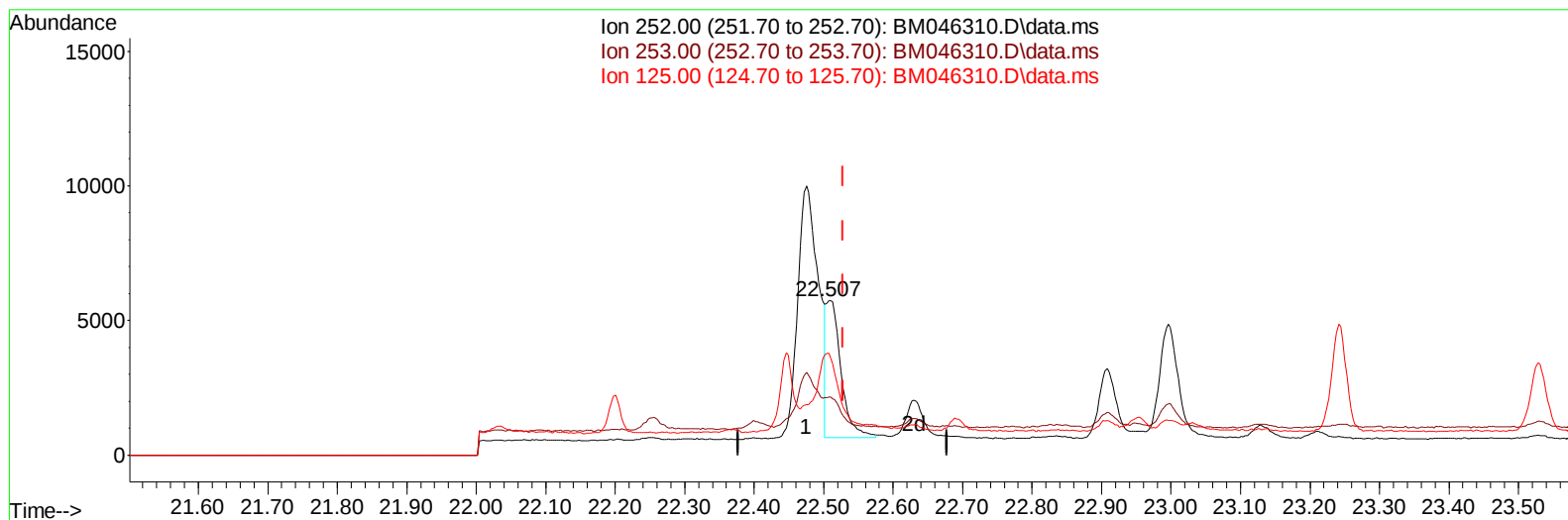
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046310.D
Acq On : 26 Jun 2024 03:02
Operator : MA/JU
Sample : P2844-24DL 5X
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C49DL

Manual IntegrationsAPPROVED

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QLast Update : Wed Jun 26 03:24:28 2024
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Supervised By :mohammad ahmed 06/27/2024



TIC: BM046310.D\data.ms

(25) Benzo(k)fluoranthene

22.507min (-0.020) 0.22 ng/u1 m

response 7505

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	37.49
125.00	20.80	66.09#
0.00	0.00	0.00

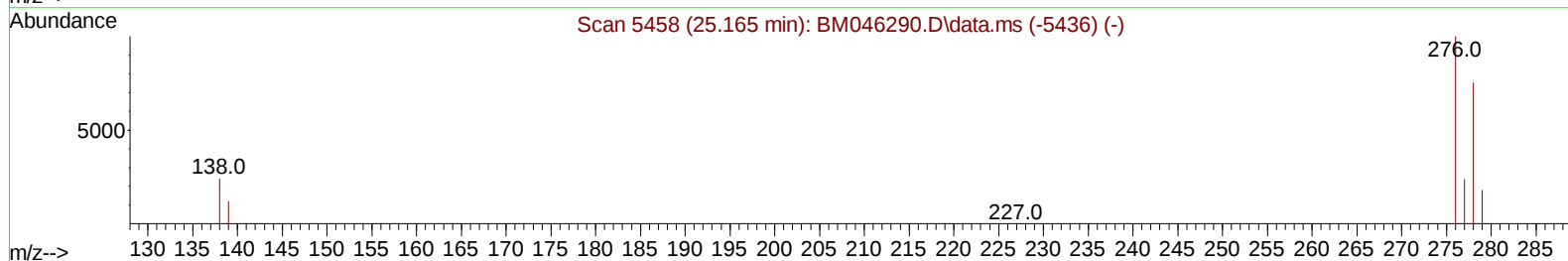
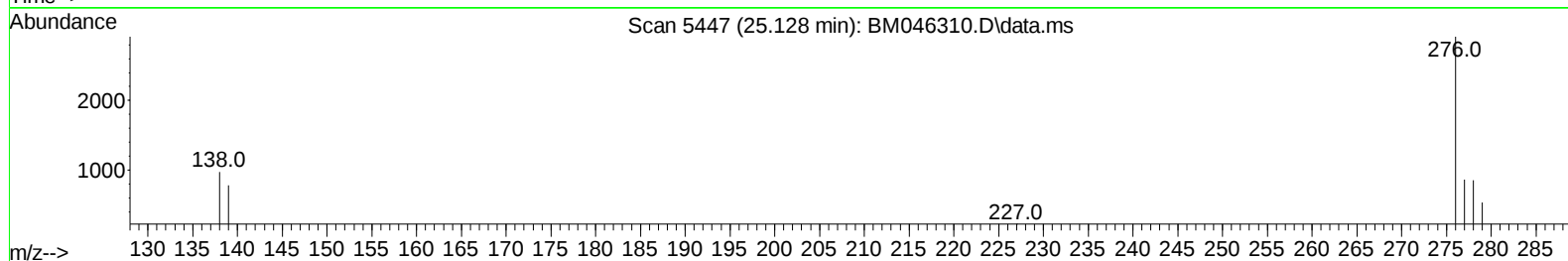
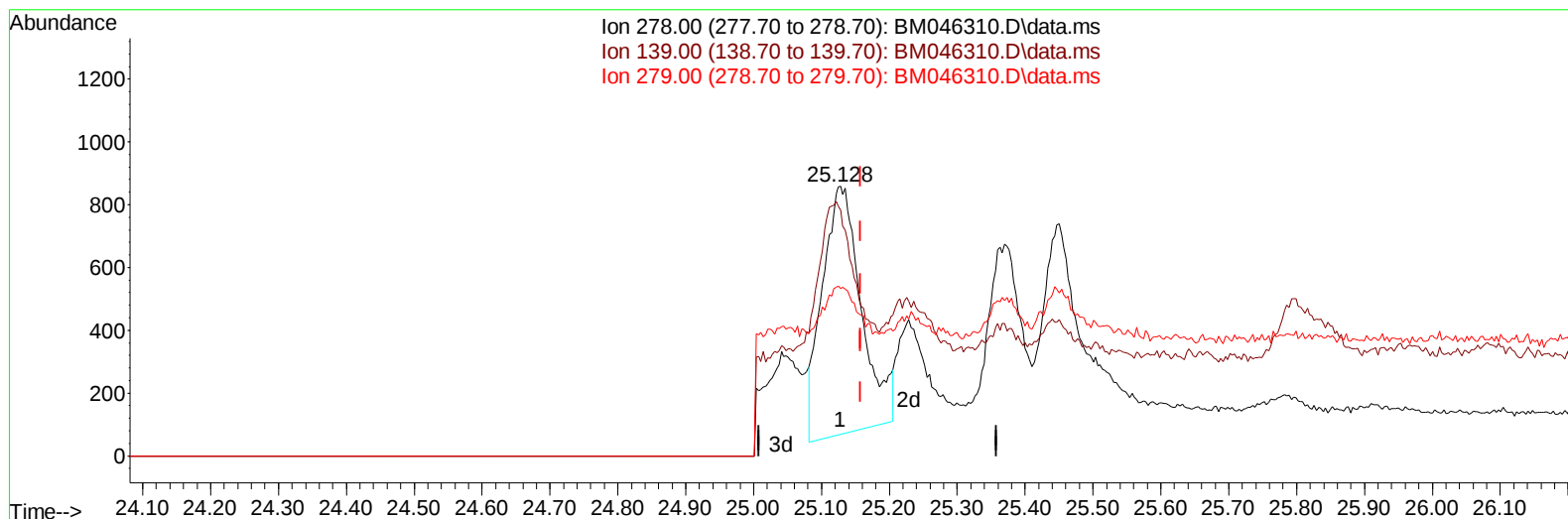
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Sample : P2844-24DL 5X
Misc :
ALS Vial : 71 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C49DL

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TIC: BM046310.D\data.ms

(28) Dibenzo(a,h)anthracene

25.128min (-0.030) 0.10 ng/u1

response 3159

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.00	91.03#
279.00	32.90	62.12#
0.00	0.00	0.00

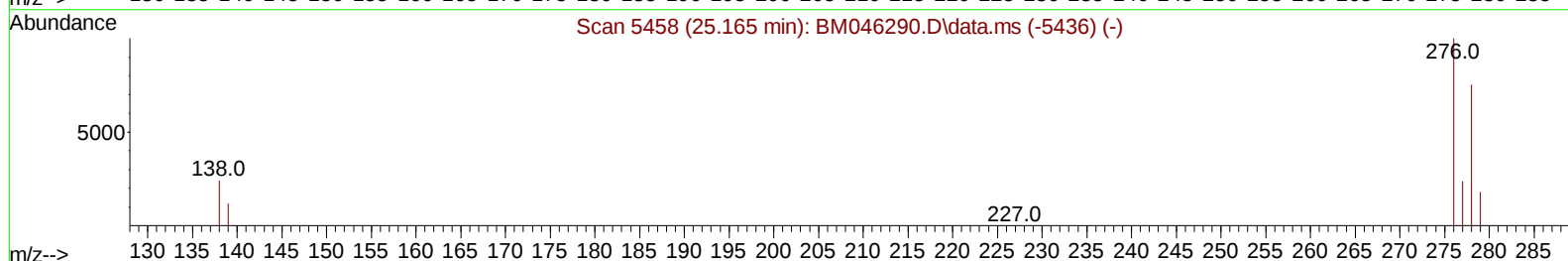
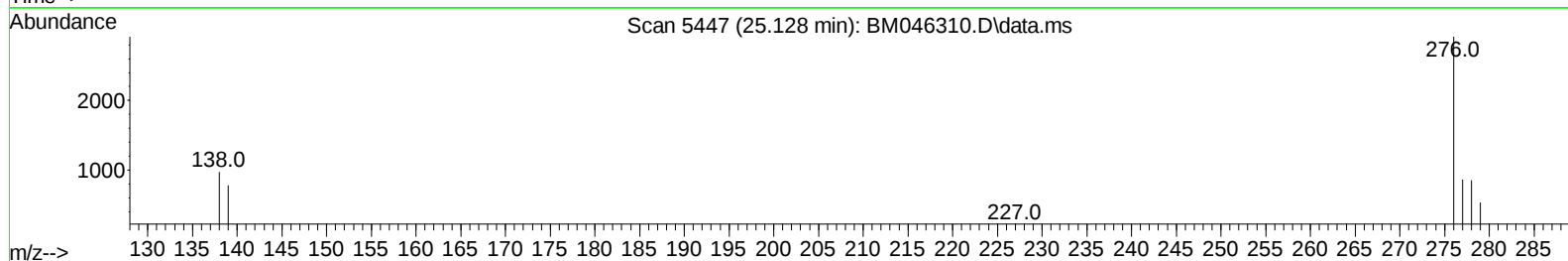
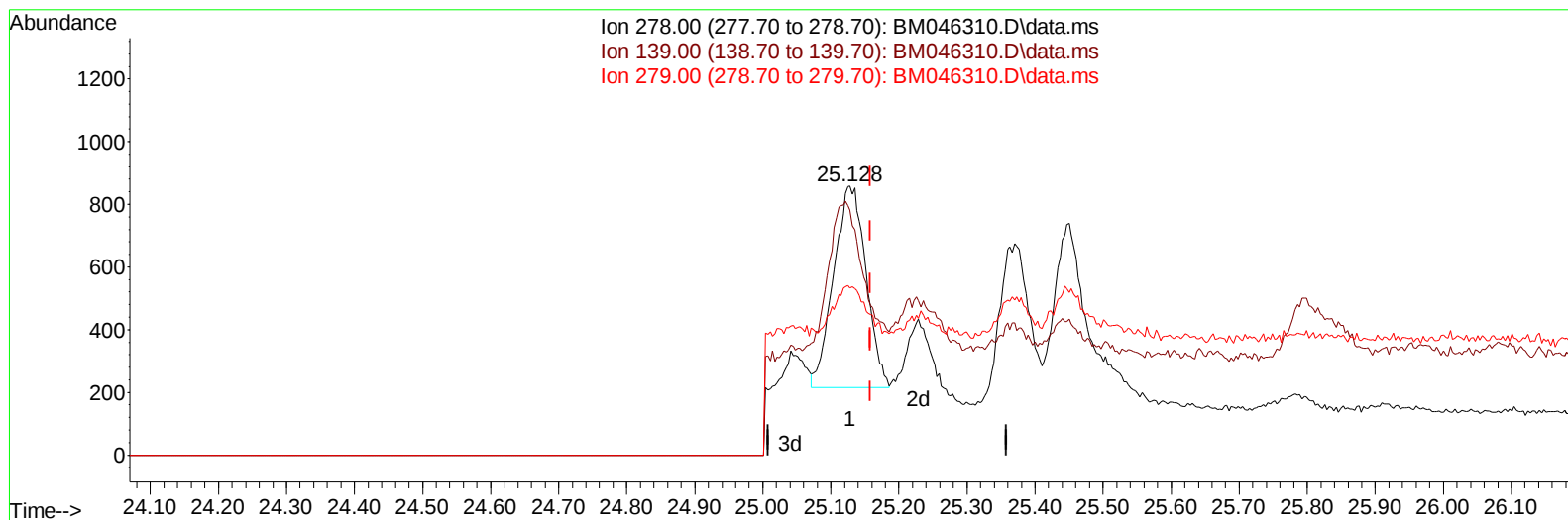
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046310.D
 Acq On : 26 Jun 2024 03:02
 Operator : MA/JU
 Sample : P2844-24DL 5X
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C49DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 04:13:28 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 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024



TIC: BM046310.D\data.ms

(28) Dibenzo(a,h)anthracene

25.128min (-0.030) 0.06 ng/ul m

response 2118

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.00	91.03#
279.00	32.90	62.12#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
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 Operator : MA/JU
 Sample : P2844-24DL 5X
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C49DL

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.400	152	2576	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.183	136	7622	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.049	164	4212	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.799	188	8397	0.400	ng/ul	-0.04
17) Chrysene-d12	21.000	240	6917	0.400	ng/ul	-0.02
23) Perylene-d12	23.086	264	8100m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	2180	0.617	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.761	152	653	0.064	ng/ul	-0.08
18) Fluoranthene-d10	18.830	212	1237	0.060	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.233	128	632	0.030	ng/ul#	65
7) 2-Methylnaphthalene	11.833	142	276	0.023	ng/ul	89
10) Acenaphthylene	13.771	152	1365	0.068	ng/ul#	78
11) Acenaphthene	14.109	153	759	0.053	ng/ul	94
12) Fluorene	15.113	166	832	0.054	ng/ul#	91
15) Phenanthrene	16.842	178	15265	0.647	ng/ul	97
16) Anthracene	16.930	178	3174	0.181	ng/ul#	93
19) Fluoranthene	18.863	202	27795	0.928	ng/ul	96
20) Pyrene	19.221	202	23236	0.717	ng/ul	98
21) Benzo(a)anthracene	20.985	228	13133	0.492	ng/ul	97
22) Chrysene	21.035	228	12908	0.379	ng/ul	97
24) Benzo(b)fluoranthene	22.475	252	19640m	0.673	ng/ul	
25) Benzo(k)fluoranthene	22.507	252	7505m	0.216	ng/ul	
26) Benzo(a)pyrene	22.996	252	8029	0.297	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.125	276	8888	0.201	ng/ul#	60
28) Dibenzo(a,h)anthracene	25.128	278	2118m	0.064	ng/ul	
29) Benzo(g,h,i)perylene	25.752	276	1485	0.039	ng/ul#	27

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

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