

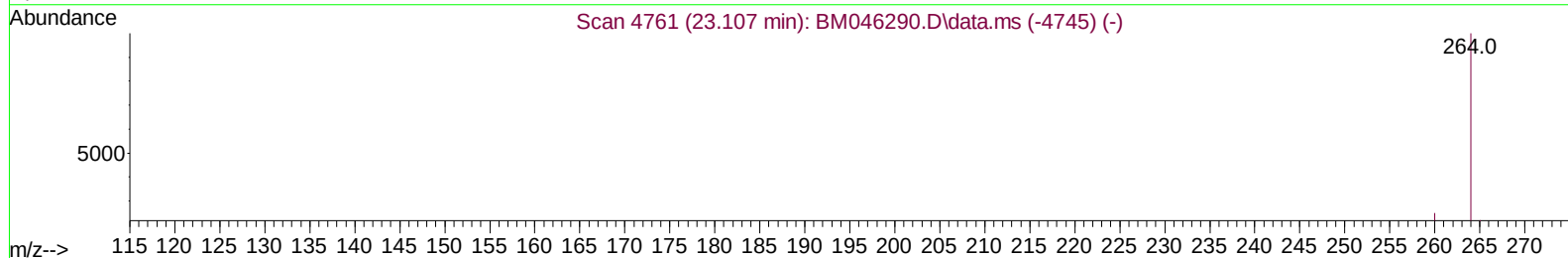
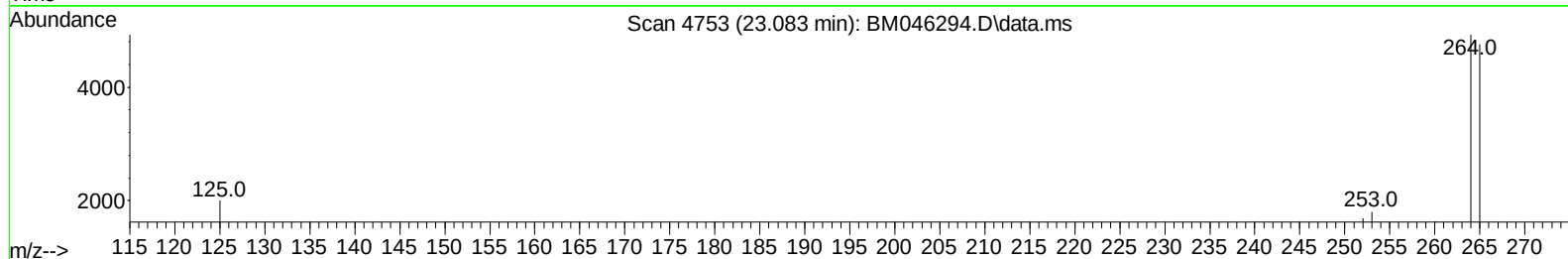
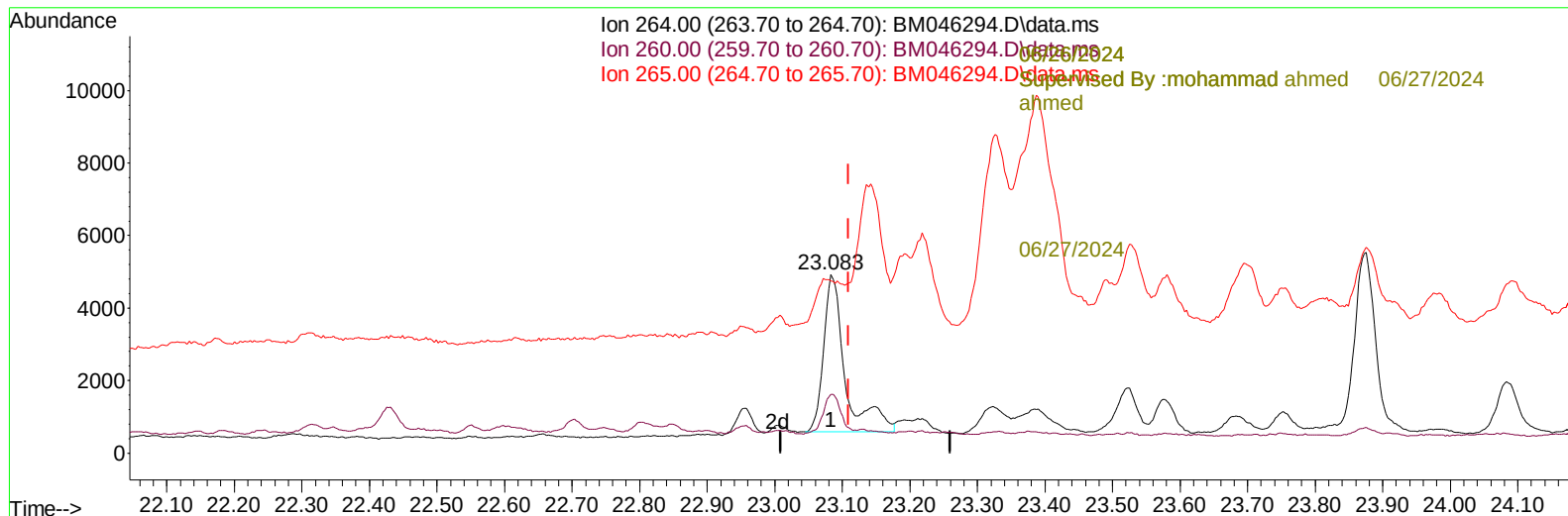
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046294.D
Acq On : 25 Jun 2024 16:39
Operator : MA/JU
Sample : P2844-13MS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C64MS

Manual IntegrationsAPPROVED

Quant Time: Jun 25 18:04:24 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 : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046294.D\data.ms

(23) Perylene-d12 (I)

23.083min (-0.026) 0.40 ng/u1

response 9678

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	32.93
265.00	110.60	96.53
0.00	0.00	0.00

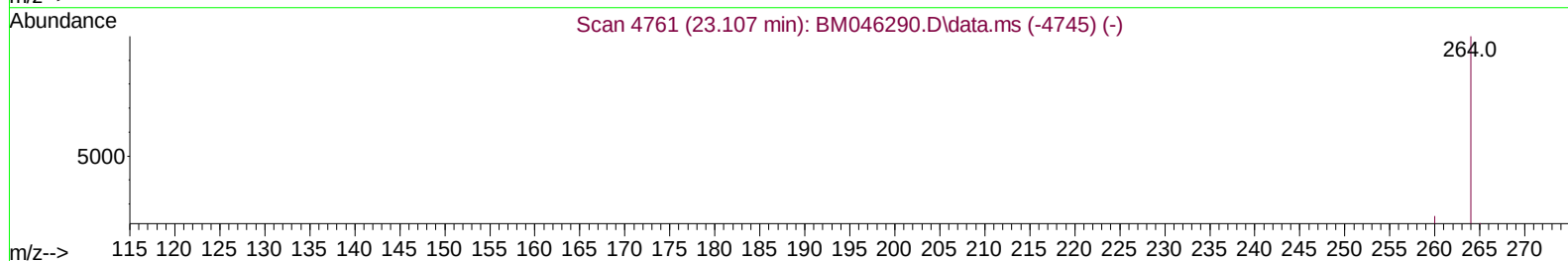
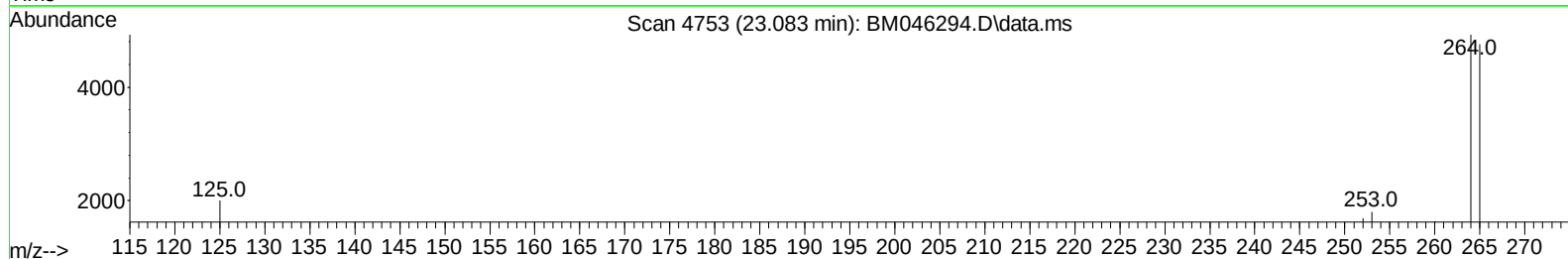
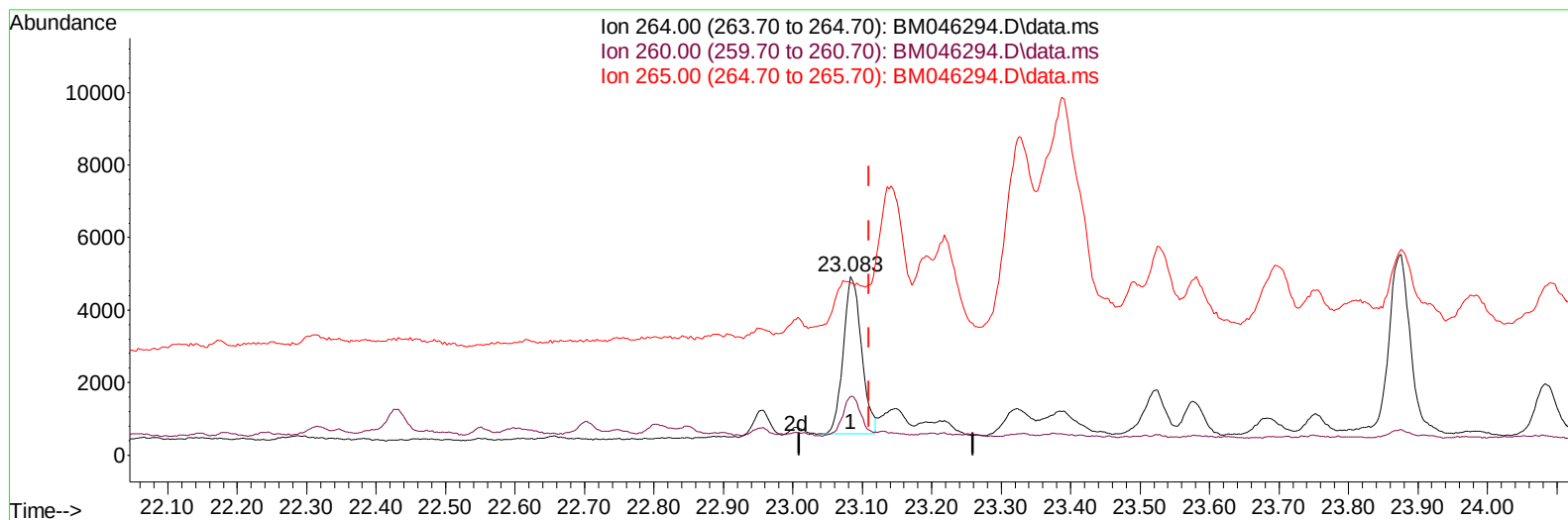
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046294.D
Acq On : 25 Jun 2024 16:39
Operator : MA/JU
Sample : P2844-13MS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C64MS

Manual IntegrationsAPPROVED

Quant Time: Jun 25 18:04:24 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 : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046294.D\data.ms

(23) Perylene-d12 (I)

23.083min (-0.026) 0.40 ng/ul m

response 7922

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	32.93
265.00	110.60	96.53
0.00	0.00	0.00

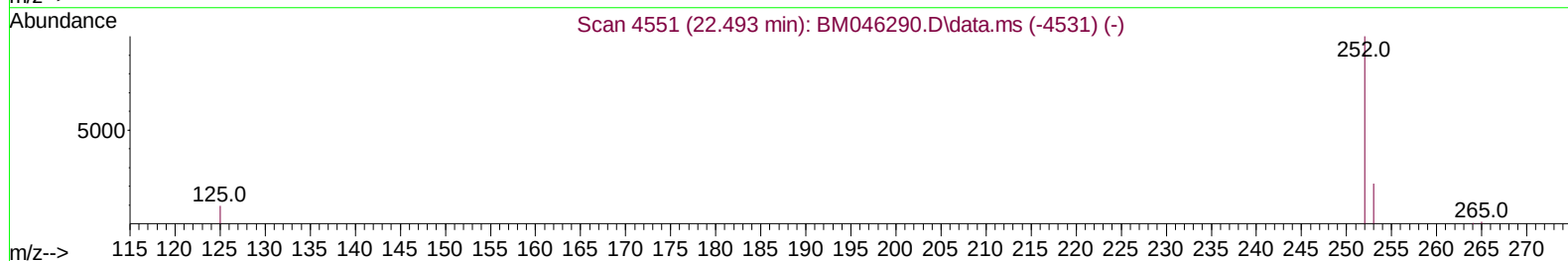
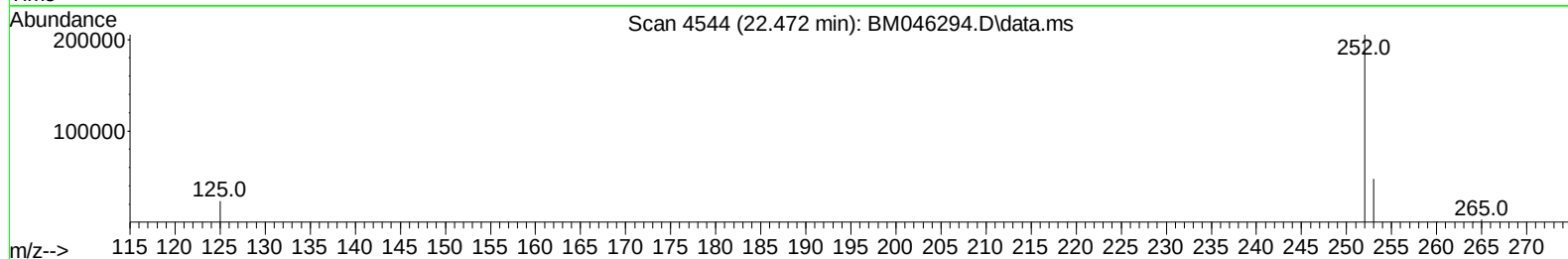
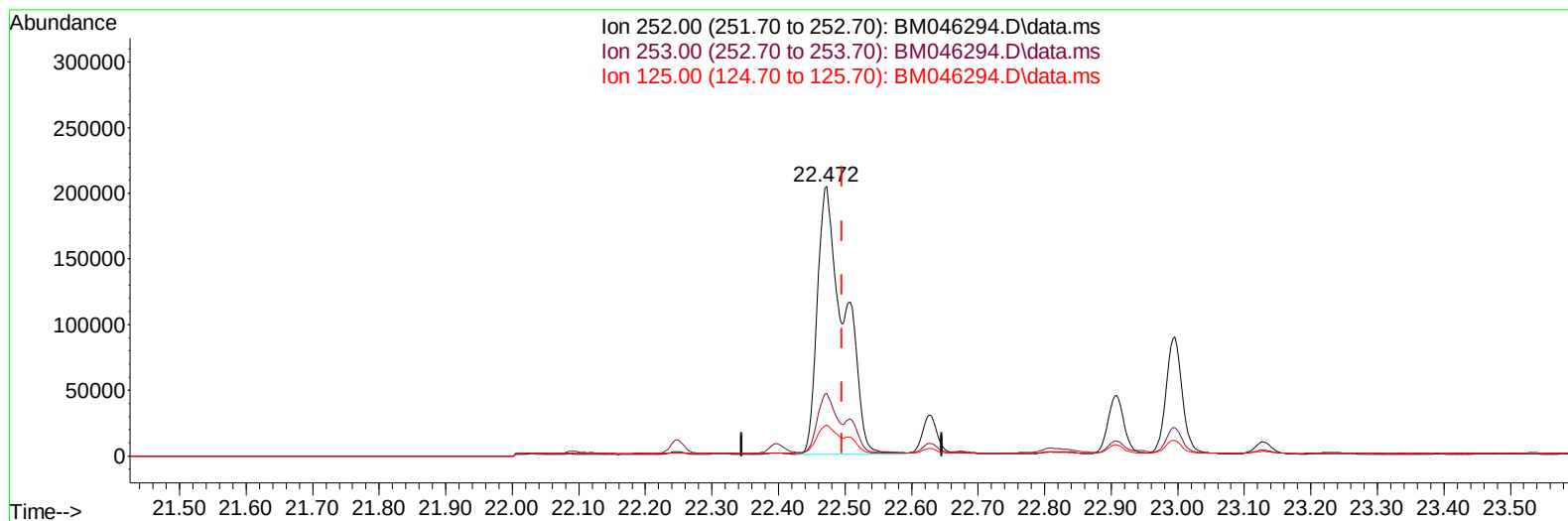
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046294.D
Acq On : 25 Jun 2024 16:39
Operator : MA/JU
Sample : P2844-13MS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C64MS

Manual IntegrationsAPPROVED

Quant Time: Jun 25 18:04:24 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 : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046294.D\data.ms

(24) Benzo(b)fluoranthene

22.472min (-0.023) 19.92 ng/u1

response 568526

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.13
125.00	20.10	11.37
0.00	0.00	0.00

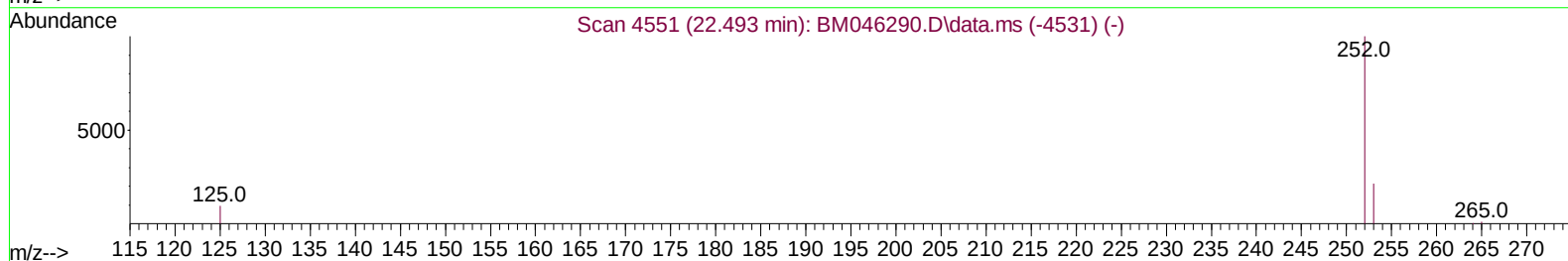
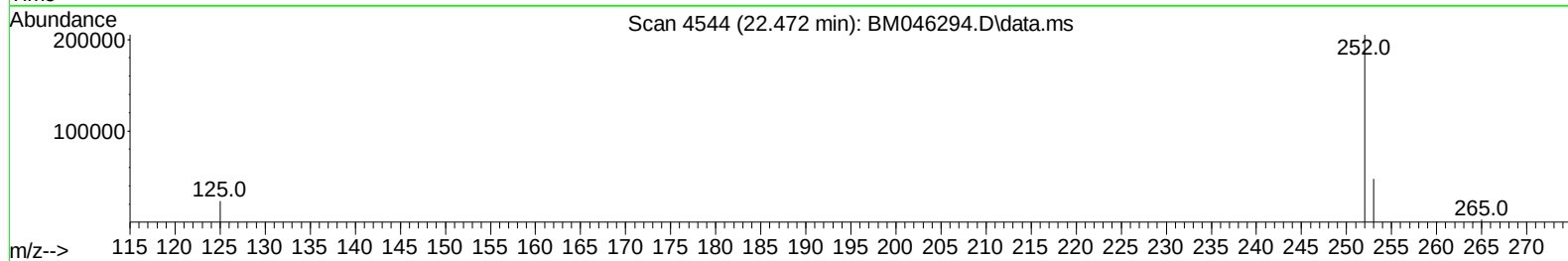
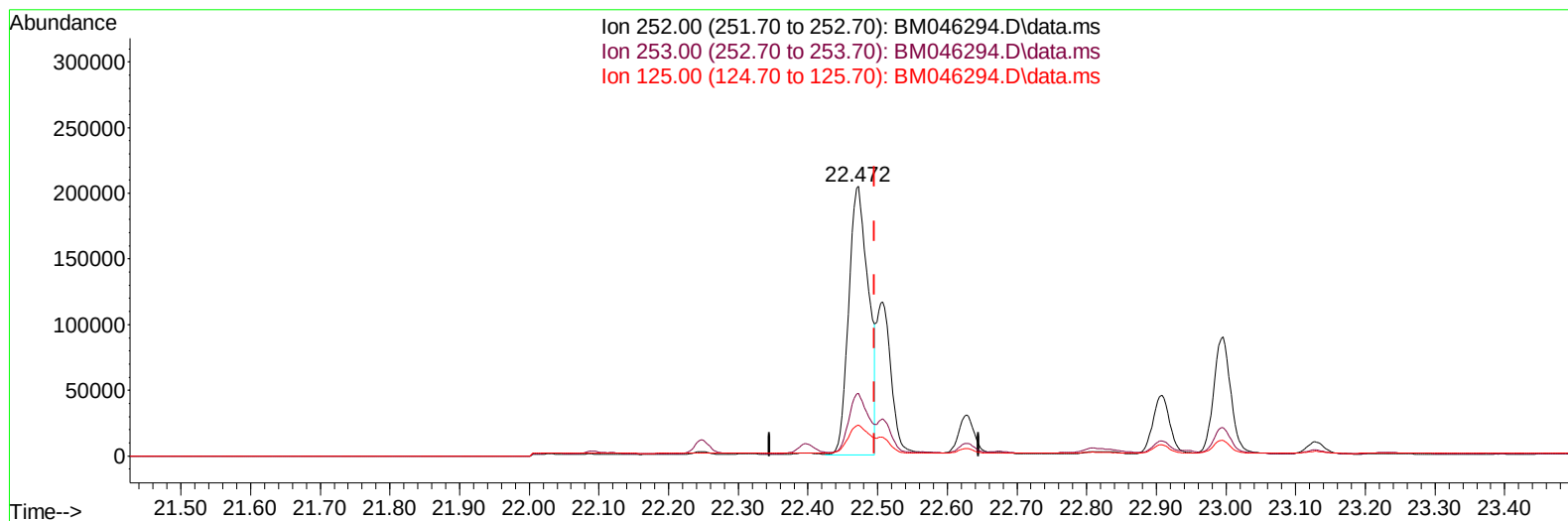
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046294.D
Acq On : 25 Jun 2024 16:39
Operator : MA/JU
Sample : P2844-13MS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C64MS

Manual IntegrationsAPPROVED

Quant Time: Jun 25 18:04:24 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 : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046294.D\data.ms

(24) Benzo(b)fluoranthene

22.472min (-0.023) 14.15 ng/ul m

response 403738

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.13
125.00	20.10	11.37
0.00	0.00	0.00

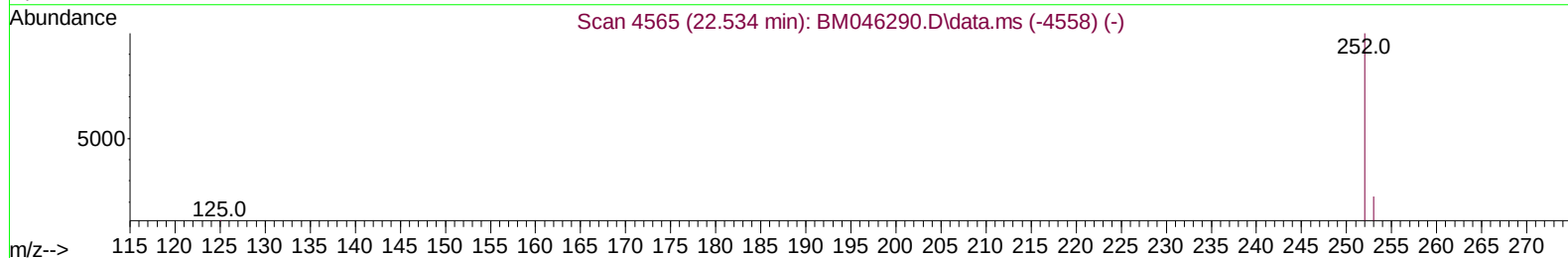
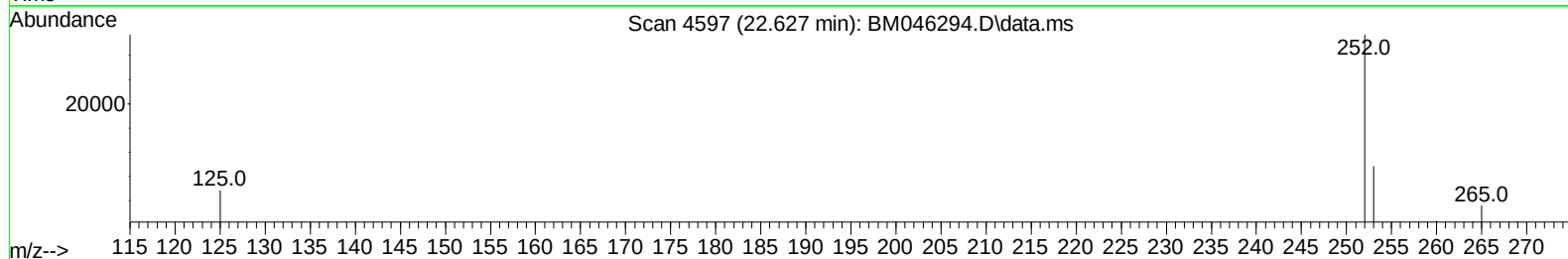
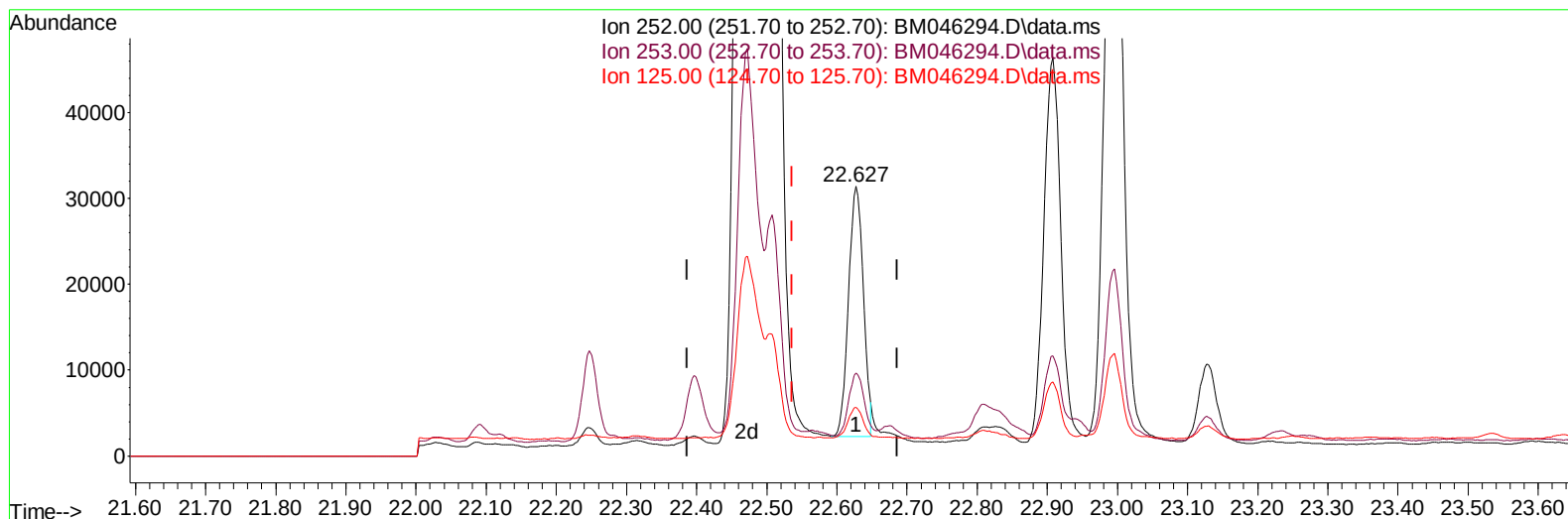
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046294.D
Acq On : 25 Jun 2024 16:39
Operator : MA/JU
Sample : P2844-13MS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C64MS

Manual IntegrationsAPPROVED

Quant Time: Jun 25 18:04:24 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 : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046294.D\data.ms

(25) Benzo(k)fluoranthene

22.627min (+ 0.091) 1.26 ng/u1

response 42778

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	30.70
125.00	20.80	18.13
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046294.D
 Acq On : 25 Jun 2024 16:39
 Operator : MA/JU
 Sample : P2844-13MS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C64MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 25 18:04:24 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 : Tue Jun 25 08:04:59 2024
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.426	152		1892	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.189	136		5843	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.049	164		3302	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.795	188		7177	0.400	ng/ul	-0.06
17) Chrysene-d12	20.994	240		5937	0.400	ng/ul	-0.03
23) Perylene-d12	23.083	264		7922m	0.400	ng/ul	-0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.025	96		1021	0.393	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.783	152		2145	0.273	ng/ul	-0.09
18) Fluoranthene-d10	18.826	212		5447	0.306	ng/ul	-0.05
Target Compounds							
							Qvalue
2) 1,4-Dioxane	3.054	88		2669	0.917	ng/ul	90
5) Naphthalene	10.238	128		7784	0.478	ng/ul	98
7) 2-Methylnaphthalene	11.860	142		4070	0.444	ng/ul	99
8) 1-Methylnaphthalene	12.069	142		4194	0.417	ng/ul	99
10) Acenaphthylene	13.771	152		17224	1.100	ng/ul	98
11) Acenaphthene	14.114	153		12626	1.117	ng/ul	98
12) Fluorene	15.108	166		15844	1.306	ng/ul	99
14) Pentachlorophenol	16.479	266		1076	0.500	ng/ul	99
15) Phenanthrene	16.833	178		319842	15.862	ng/ul	95
16) Anthracene	16.930	178		61325	4.084	ng/ul	96
19) Fluoranthene	18.854	202		726433	28.259	ng/ul	96
20) Pyrene	19.221	202		484633	17.433	ng/ul#	93
21) Benzo(a)anthracene	20.976	228		293232	12.787	ng/ul	99
22) Chrysene	21.029	228		303289	10.363	ng/ul	99
24) Benzo(b)fluoranthene	22.472	252		403738m	14.146	ng/ul	
25) Benzo(k)fluoranthene	22.507	252		165712m	4.884	ng/ul	
26) Benzo(a)pyrene	22.996	252		152933	5.783	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.122	276		159260	3.679	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.125	278		54465	1.690	ng/ul	95
29) Benzo(g,h,i)perylene	25.742	276		21998	0.593	ng/ul#	91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046294.D
Acq On : 25 Jun 2024 16:39
Operator : MA/JU
Sample : P2844-13MS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C64MS

Manual IntegrationsAPPROVED

Quant Time: Jun 25 18:04:24 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 : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

