

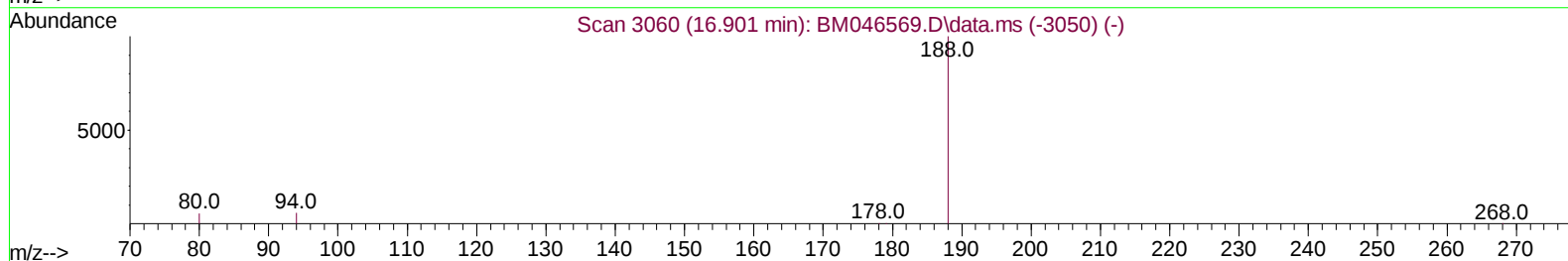
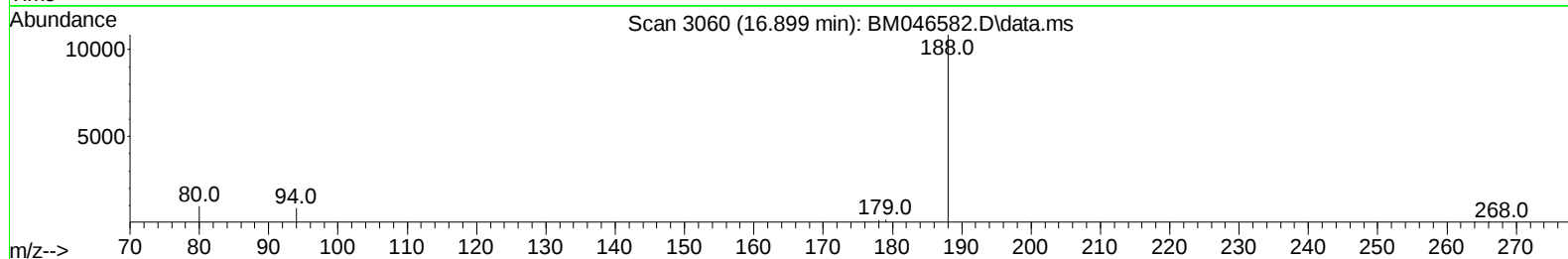
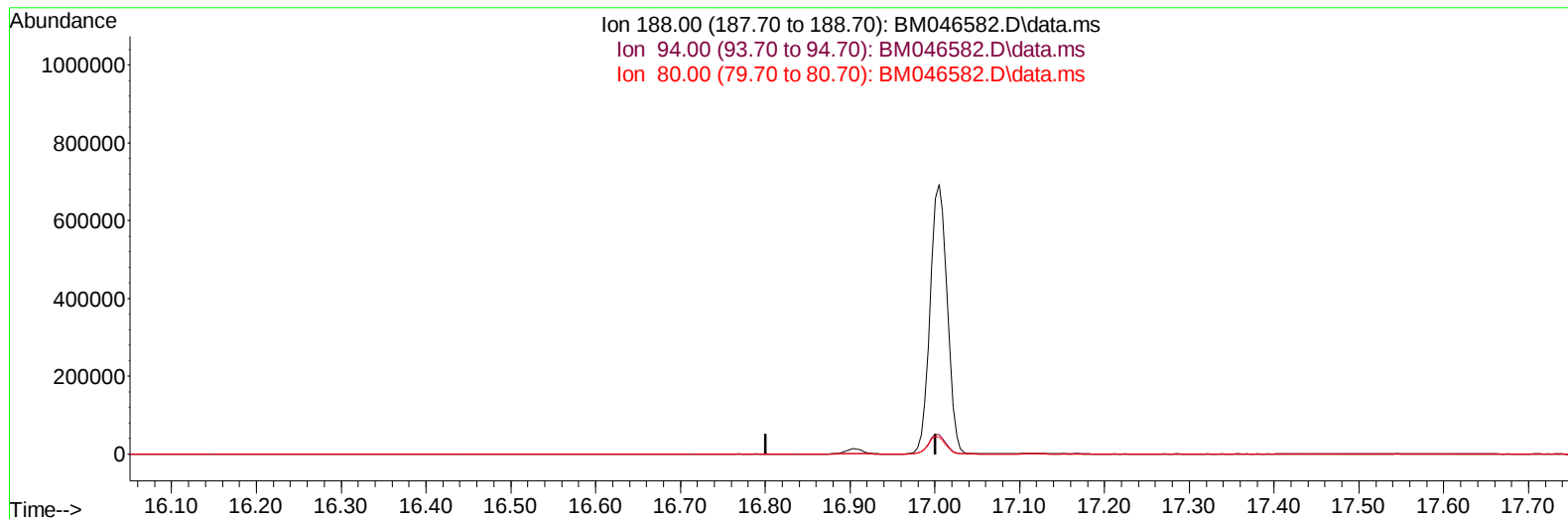
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046582.D
Acq On : 13 Jul 2024 14:28
Operator : MA/JU
Sample : P3088-07
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CZ4

Manual IntegrationsAPPROVED

Quant Time: Jul 15 09:02:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BM046582.D\data.ms

(13) Phenanthrene-d10 (I)

16.901min (-16.901) 0.00 ng/u1

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	6.40	0.00#
80.00	6.60	0.00#
0.00	0.00	0.00

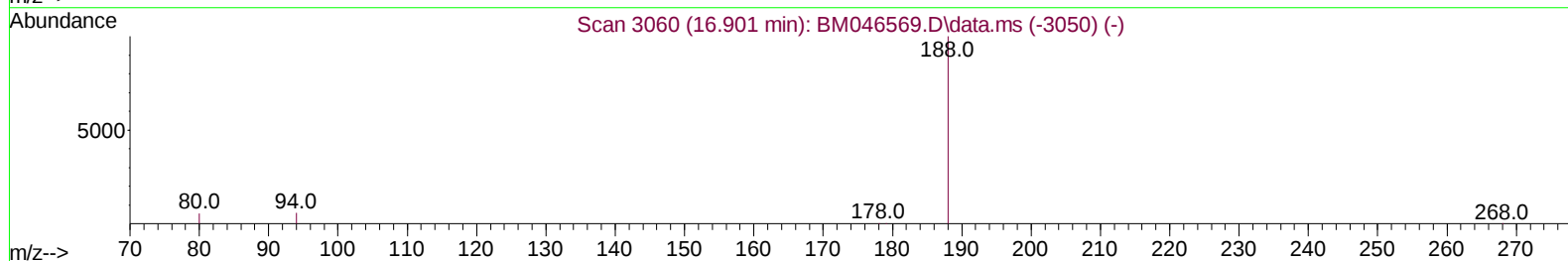
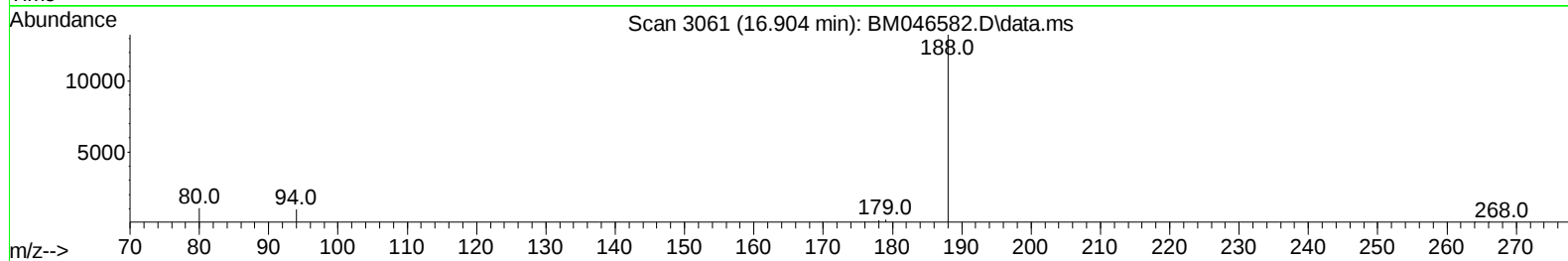
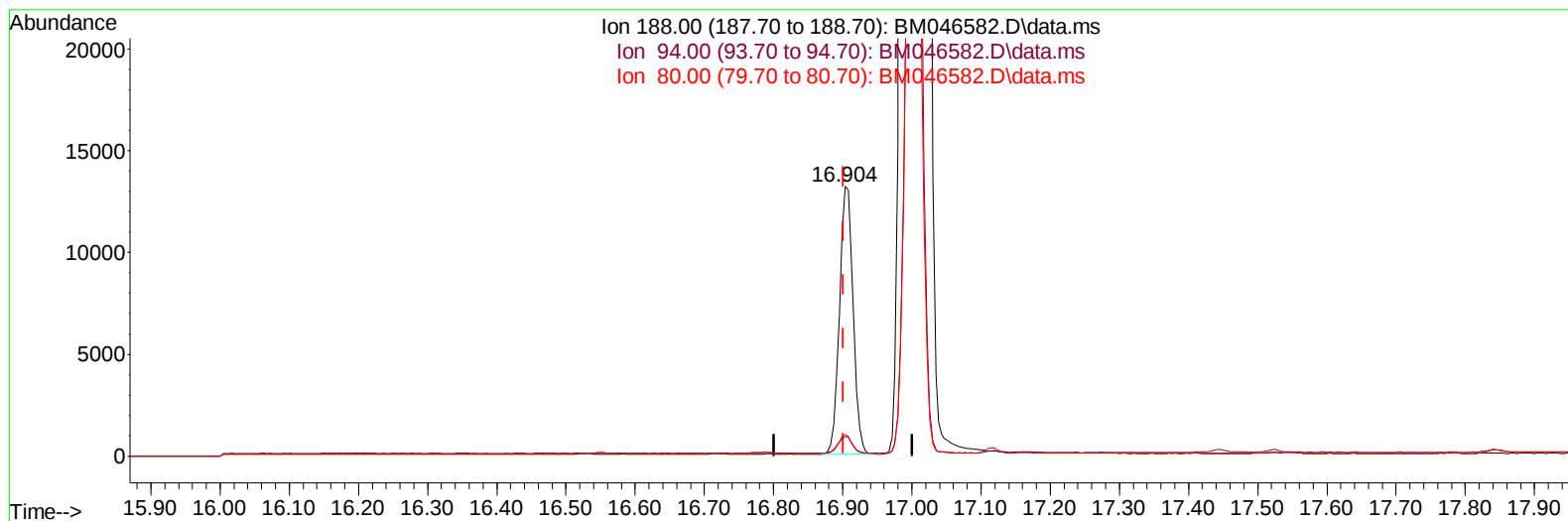
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046582.D
Acq On : 13 Jul 2024 14:28
Operator : MA/JU
Sample : P3088-07
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CZ4

Manual IntegrationsAPPROVED

Quant Time: Jul 15 09:02:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BM046582.D\data.ms

(13) Phenanthrene-d10 (I)

16.904min (+ 0.003) 0.40 ng/ul m

response 17947

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.40	7.31
80.00	6.60	7.92#
0.00	0.00	0.00

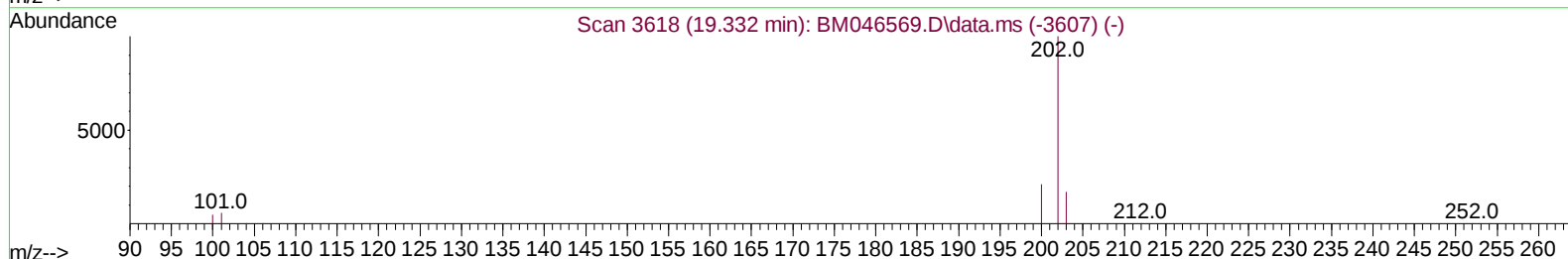
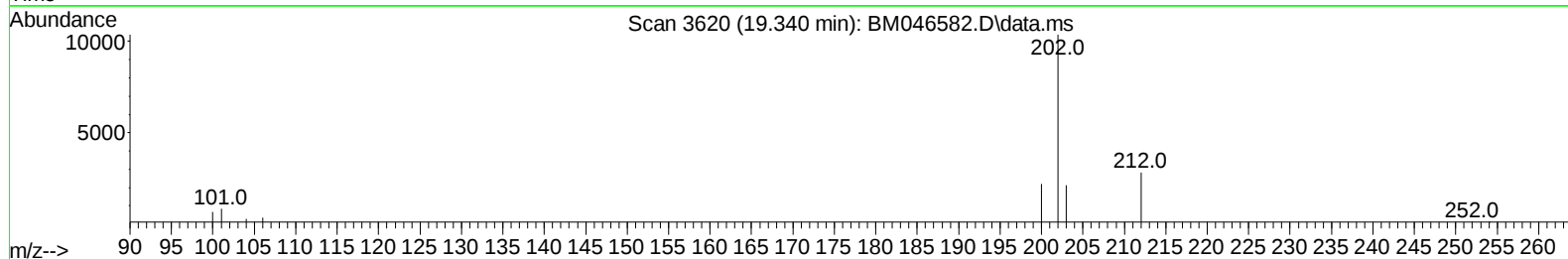
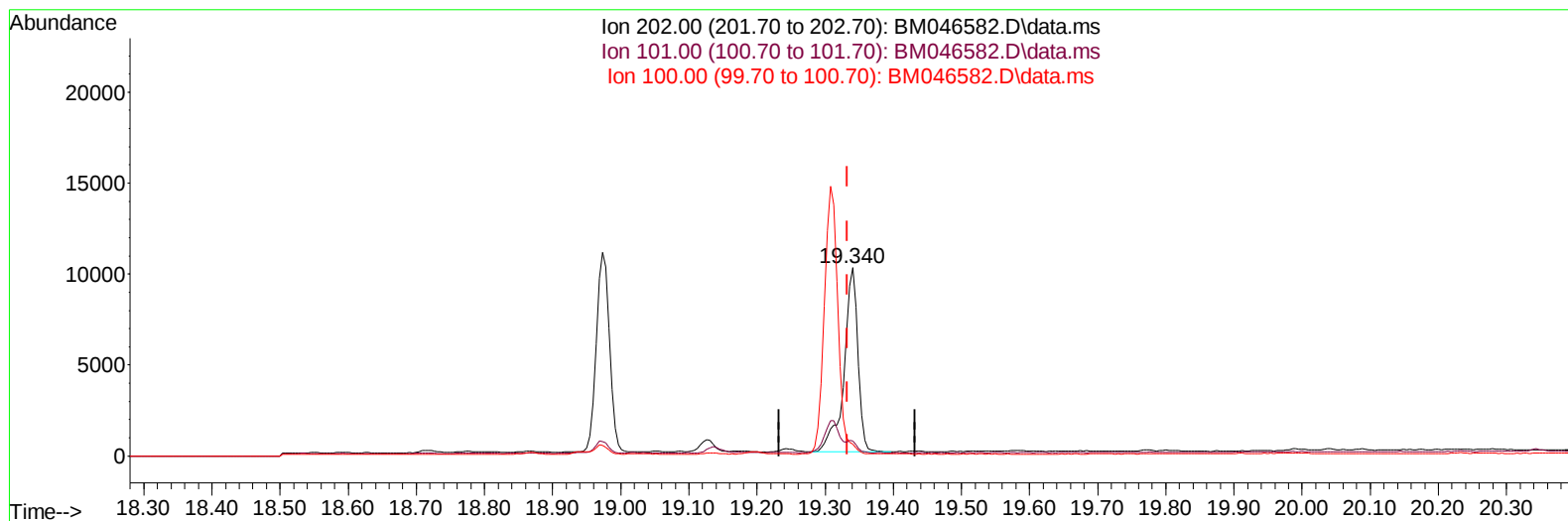
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046582.D
Acq On : 13 Jul 2024 14:28
Operator : MA/JU
Sample : P3088-07
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CZ4

Manual IntegrationsAPPROVED

Quant Time: Jul 15 09:02:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BM046582.D\data.ms

(20) Pyrene

19.340min (+ 0.008) 0.28 ng/u1

response 14726

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.40	7.98#
100.00	4.70	6.37#
0.00	0.00	0.00

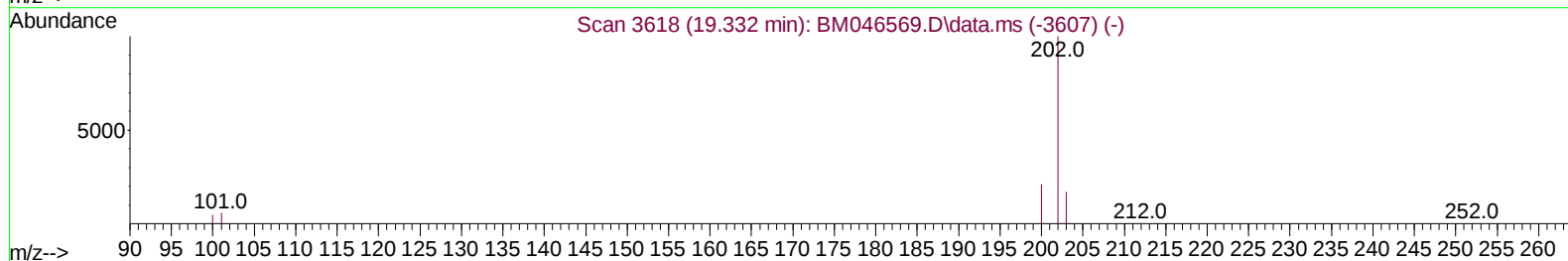
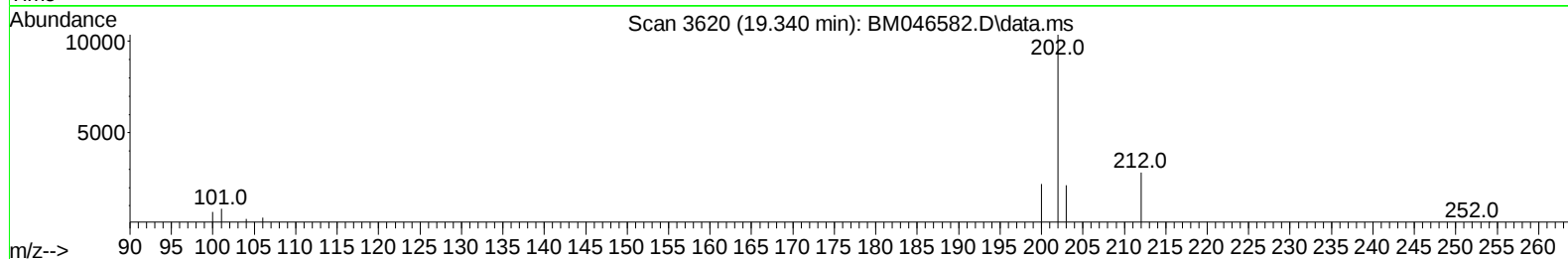
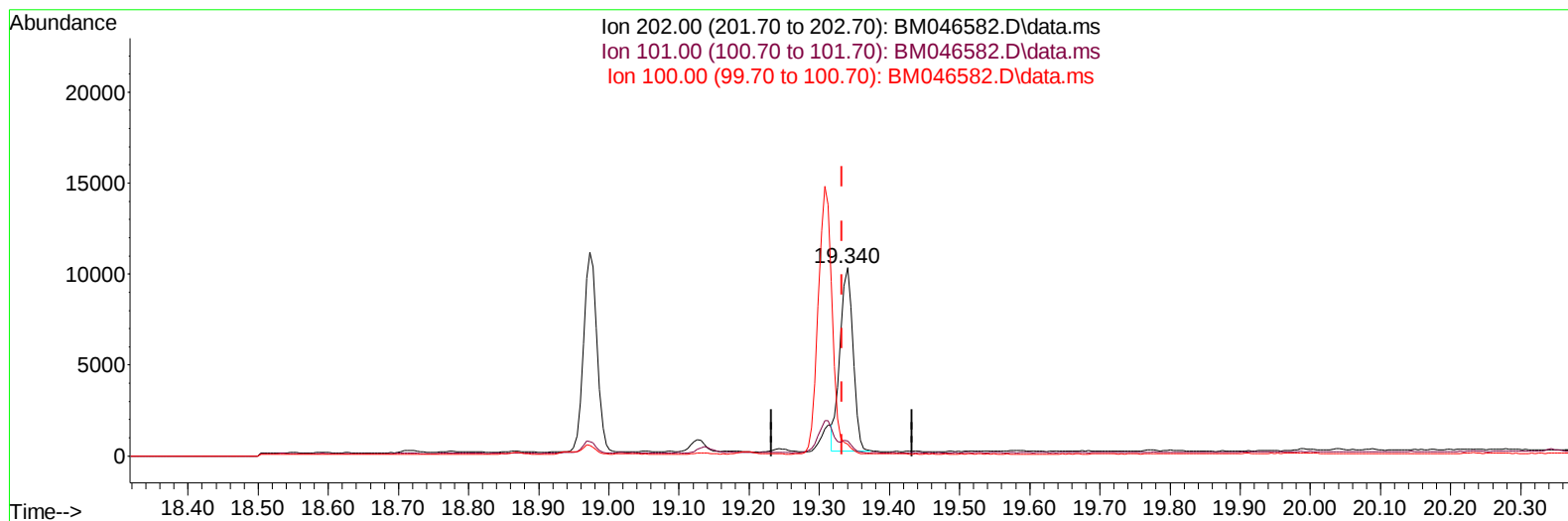
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046582.D
Acq On : 13 Jul 2024 14:28
Operator : MA/JU
Sample : P3088-07
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CZ4

Manual IntegrationsAPPROVED

Quant Time: Jul 15 09:02:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BM046582.D\data.ms

(20) Pyrene

19.340min (+ 0.008) 0.24 ng/ul m

response 12896

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	6.40	7.98#
100.00	4.70	6.37#
0.00	0.00	0.00

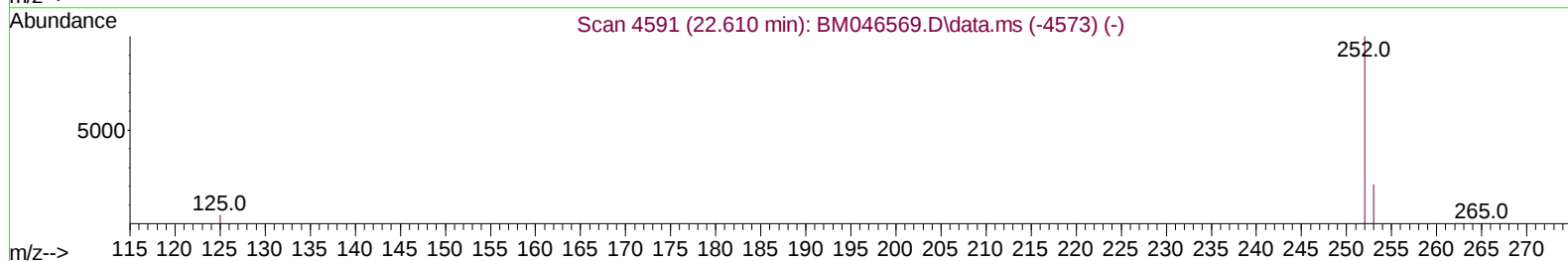
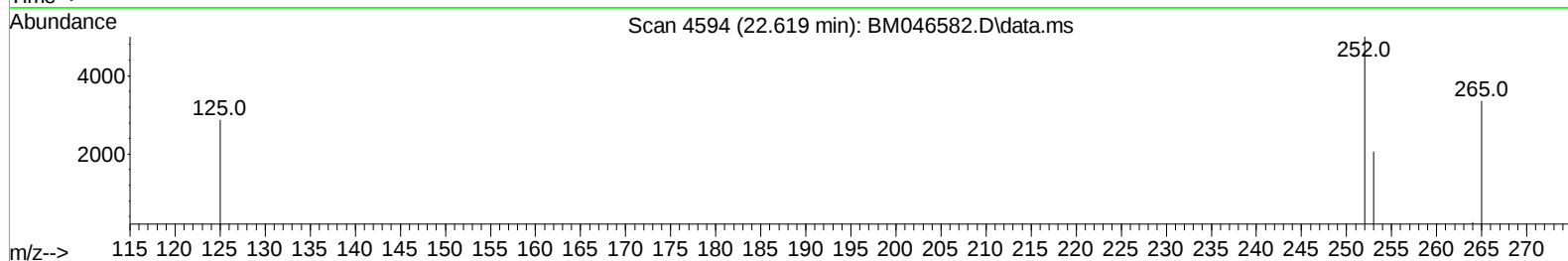
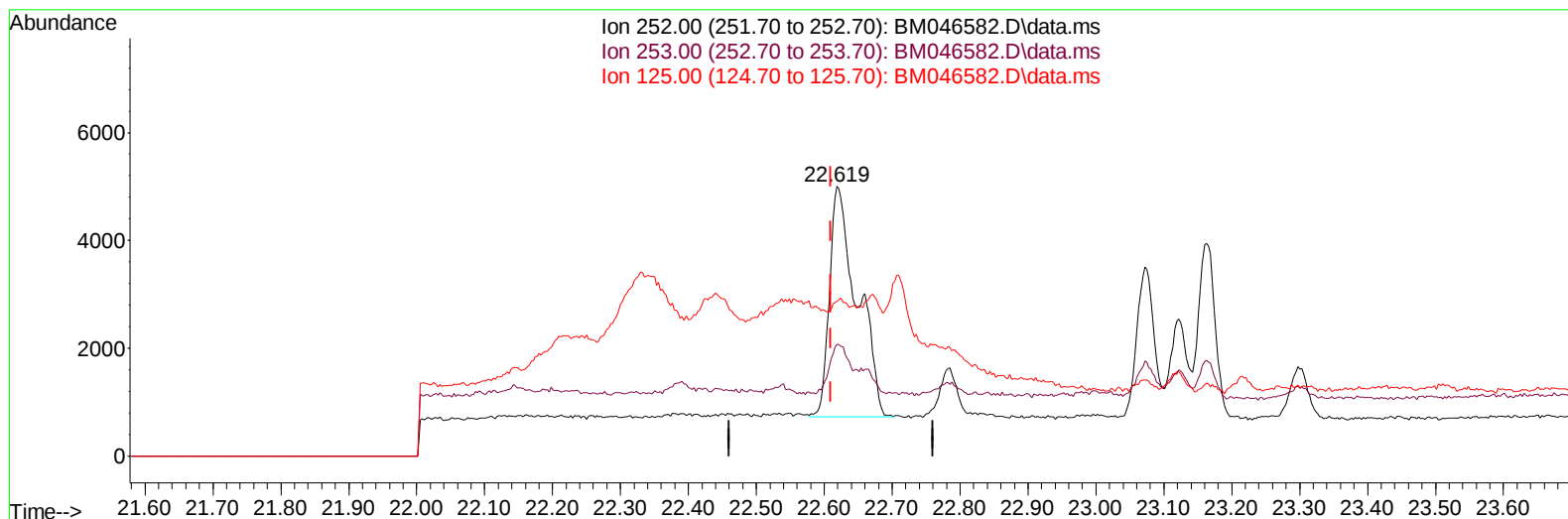
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046582.D
Acq On : 13 Jul 2024 14:28
Operator : MA/JU
Sample : P3088-07
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CZ4

Manual IntegrationsAPPROVED

Quant Time: Jul 15 09:02:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BM046582.D\data.ms

(24) Benzo(b)fluoranthene

22.619min (+ 0.009) 0.25 ng/u1

response 12111

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	41.28
125.00	8.90	57.50#
0.00	0.00	0.00

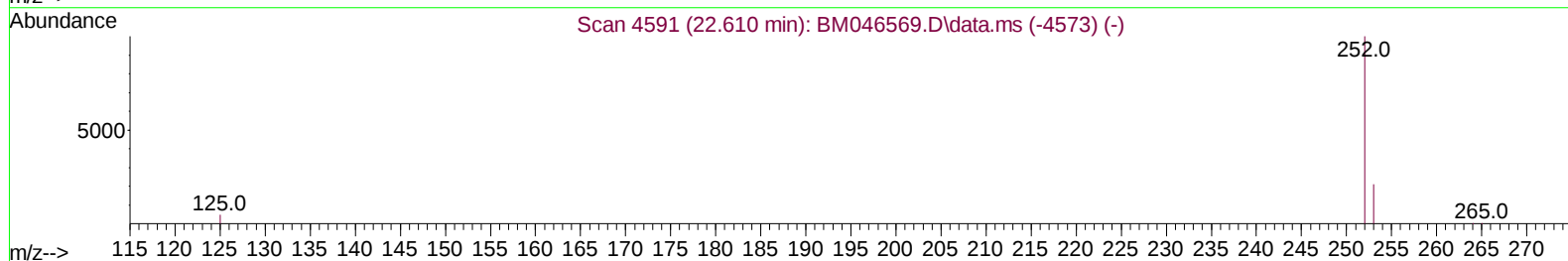
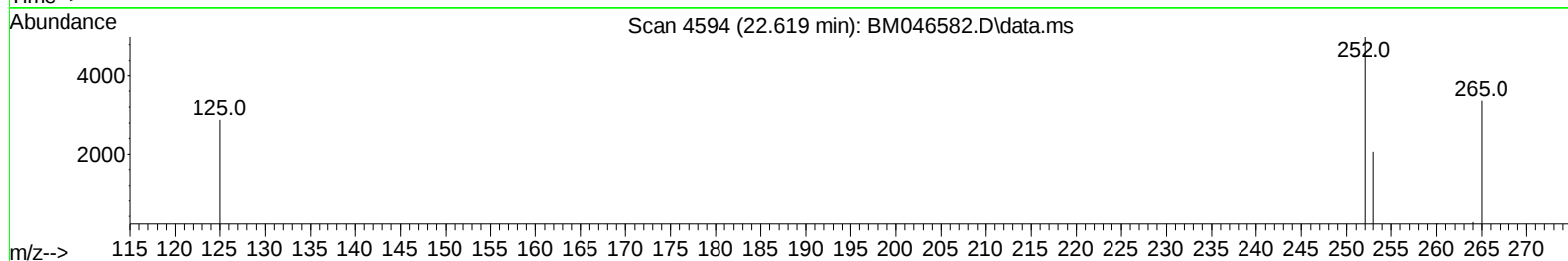
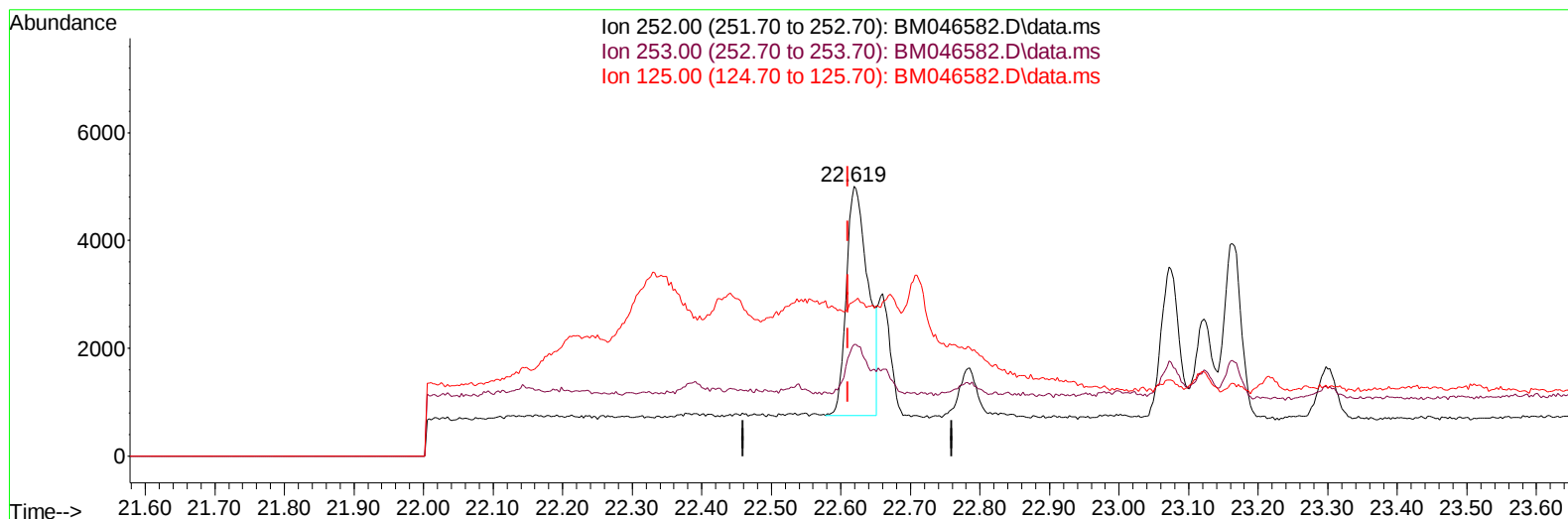
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046582.D
Acq On : 13 Jul 2024 14:28
Operator : MA/JU
Sample : P3088-07
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CZ4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 09:02:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration



TIC: BM046582.D\data.ms

(24) Benzo(b)fluoranthene

22.619min (+ 0.009) 0.19 ng/u1 m

response 9210

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.10	41.28
125.00	8.90	57.50#
0.00	0.00	0.00

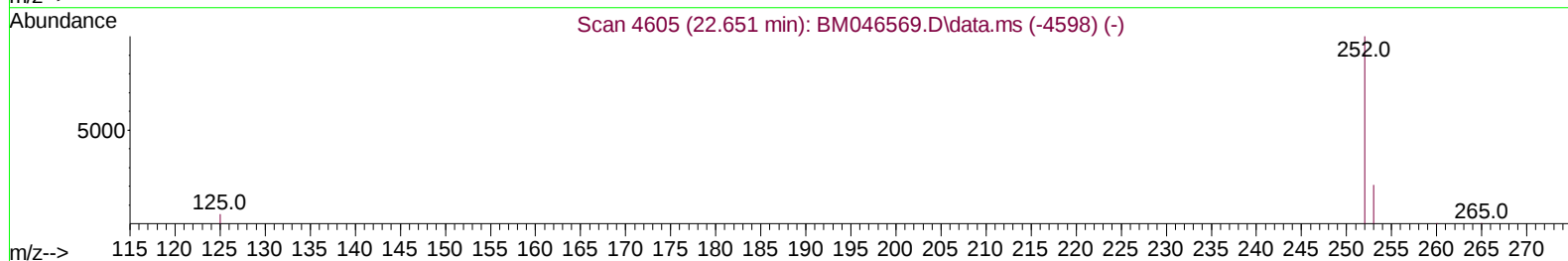
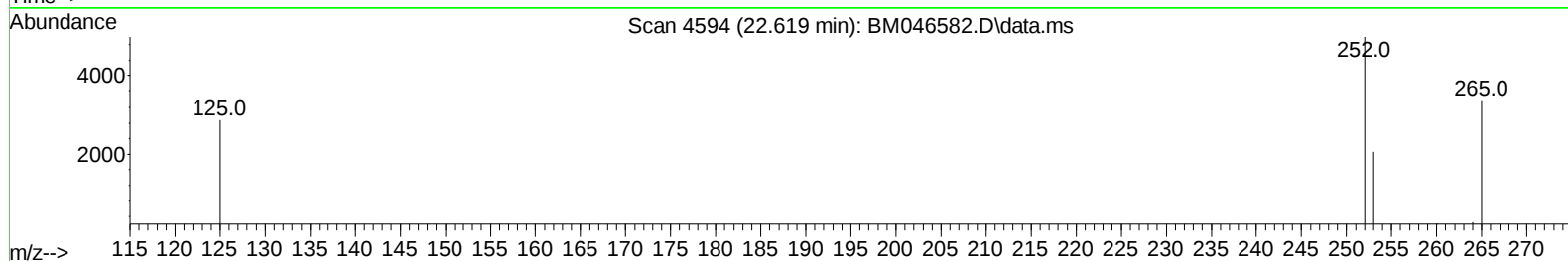
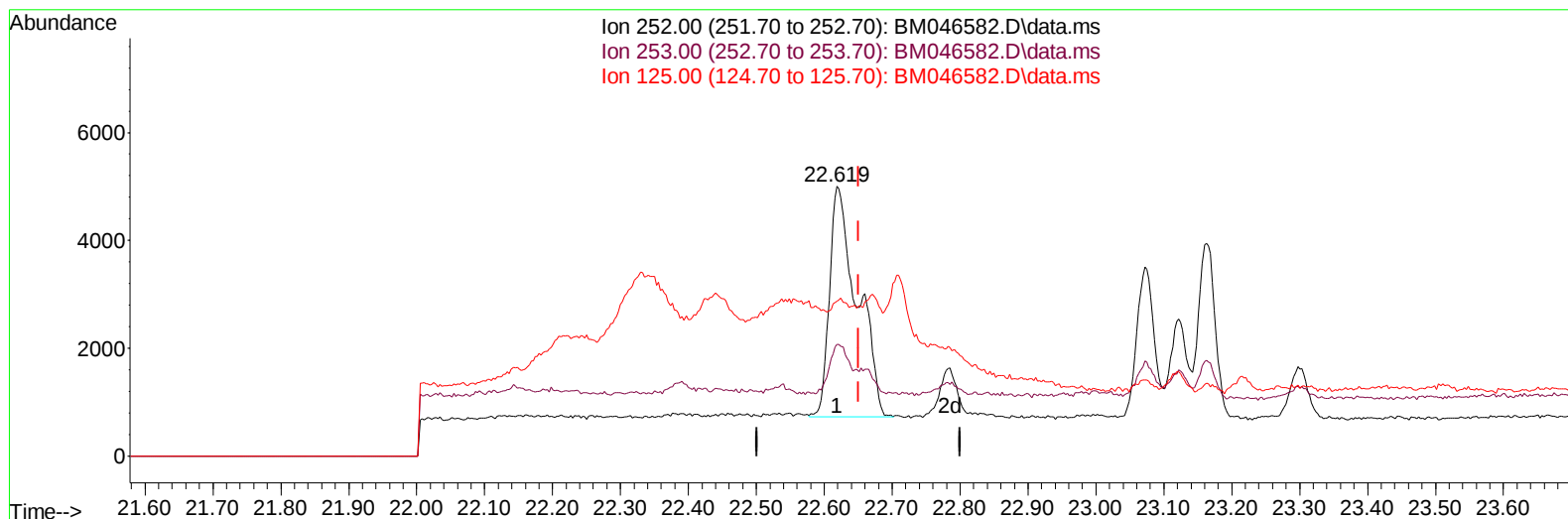
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046582.D
Acq On : 13 Jul 2024 14:28
Operator : MA/JU
Sample : P3088-07
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CZ4

Manual IntegrationsAPPROVED

Quant Time: Jul 15 09:02:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BM046582.D\data.ms

(25) Benzo(k)fluoranthene

22.619min (-0.032) 0.26 ng/u1

response 12111

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	41.28#
125.00	8.70	57.50#
0.00	0.00	0.00

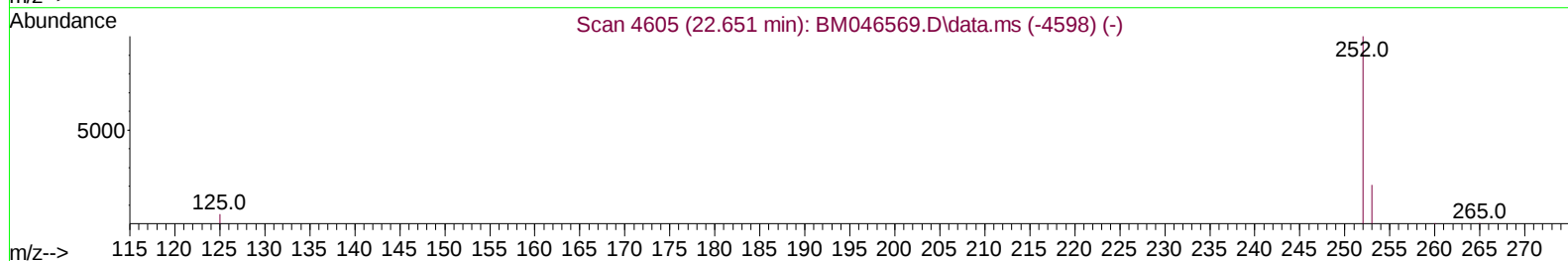
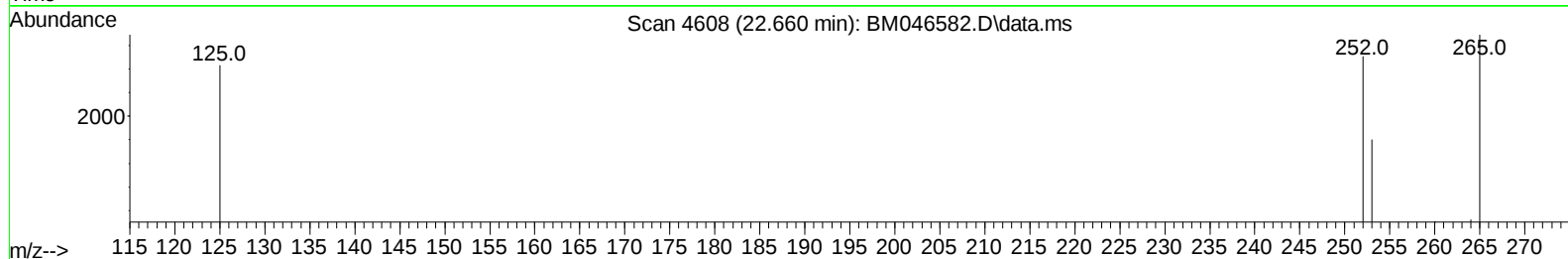
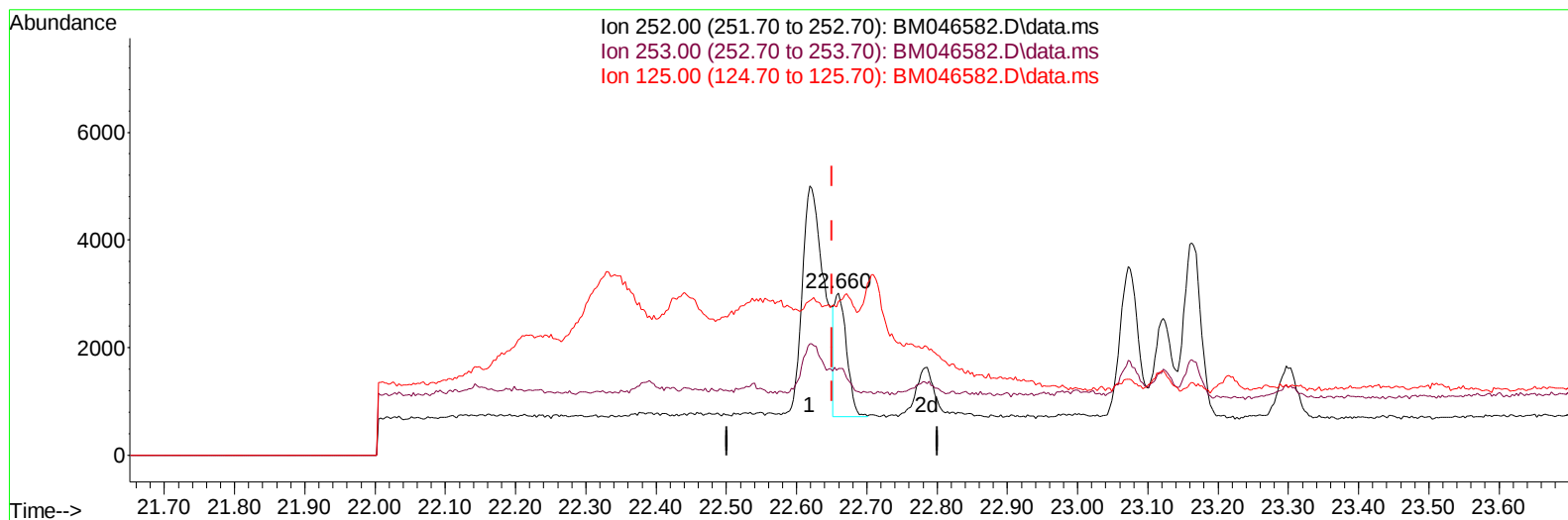
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046582.D
Acq On : 13 Jul 2024 14:28
Operator : MA/JU
Sample : P3088-07
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CZ4

Manual IntegrationsAPPROVED

Quant Time: Jul 15 09:02:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BM046582.D\data.ms

(25) Benzo(k)fluoranthene

22.660min (+ 0.009) 0.06 ng/u1 m

response 2796

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.00	53.34#
125.00	8.70	95.05#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046582.D
 Acq On : 13 Jul 2024 14:28
 Operator : MA/JU
 Sample : P3088-07
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CZ4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 09:02:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	4901	0.400	ng/ul	0.00
4) Naphthalene-d8	10.270	136	13558	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.154	164	8506	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.904	188	17947m	0.400	ng/ul	0.00
17) Chrysene-d12	21.111	240	11866	0.400	ng/ul	# 0.00
23) Perylene-d12	23.253	264	12029	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	9336	2.318	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.870	152	4832	0.221	ng/ul	0.00
18) Fluoranthene-d10	18.945	212	10753	0.298	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.867	152	1583	0.041	ng/ul#	86
15) Phenanthrene	16.946	178	7161	0.140	ng/ul	97
16) Anthracene	17.039	178	1634	0.033	ng/ul#	82
19) Fluoranthene	18.973	202	14784	0.303	ng/ul#	96
20) Pyrene	19.340	202	12896m	0.244	ng/ul	
21) Benzo(a)anthracene	21.096	228	6473	0.123	ng/ul#	84
22) Chrysene	21.146	228	7235	0.142	ng/ul#	90
24) Benzo(b)fluoranthene	22.619	252	9210m	0.192	ng/ul	
25) Benzo(k)fluoranthene	22.660	252	2796m	0.059	ng/ul	
26) Benzo(a)pyrene	23.163	252	5646	0.143	ng/ul#	63
27) Indeno(1,2,3-cd)pyrene	25.373	276	5095	0.085	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.387	278	1313	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	26.021	276	5190	0.108	ng/ul#	70

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046582.D
Acq On : 13 Jul 2024 14:28
Operator : MA/JU
Sample : P3088-07
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CZ4

Manual IntegrationsAPPROVED

Quant Time: Jul 15 09:02:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

