

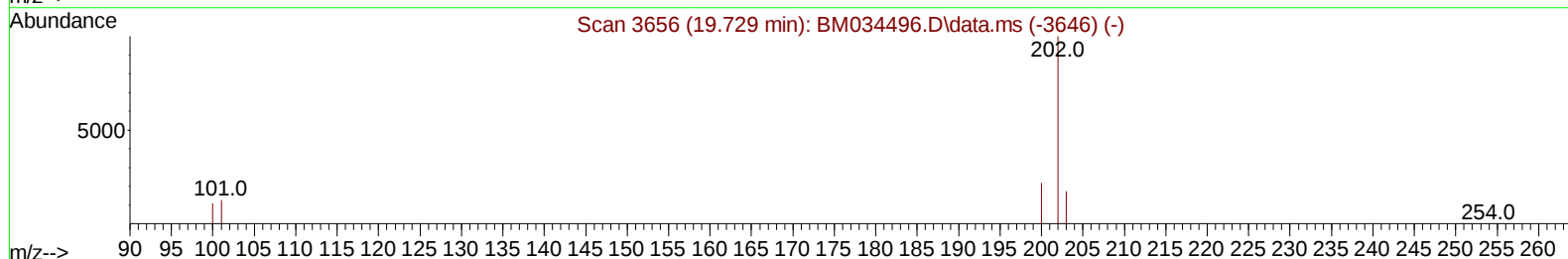
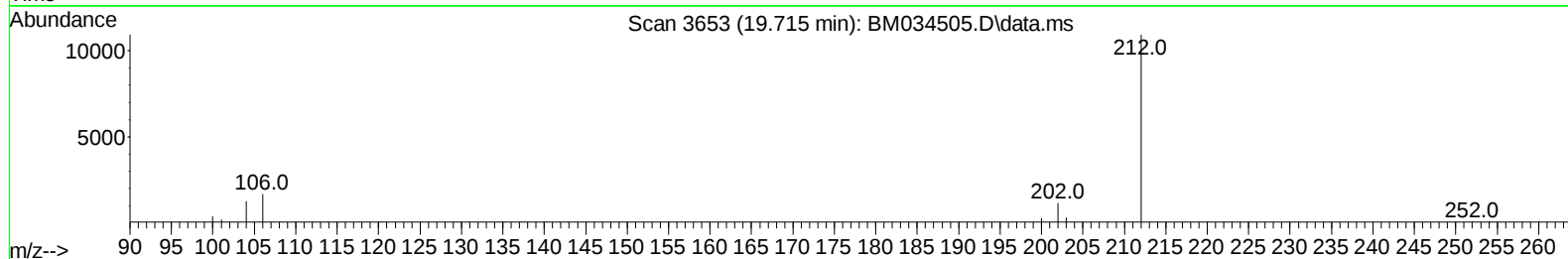
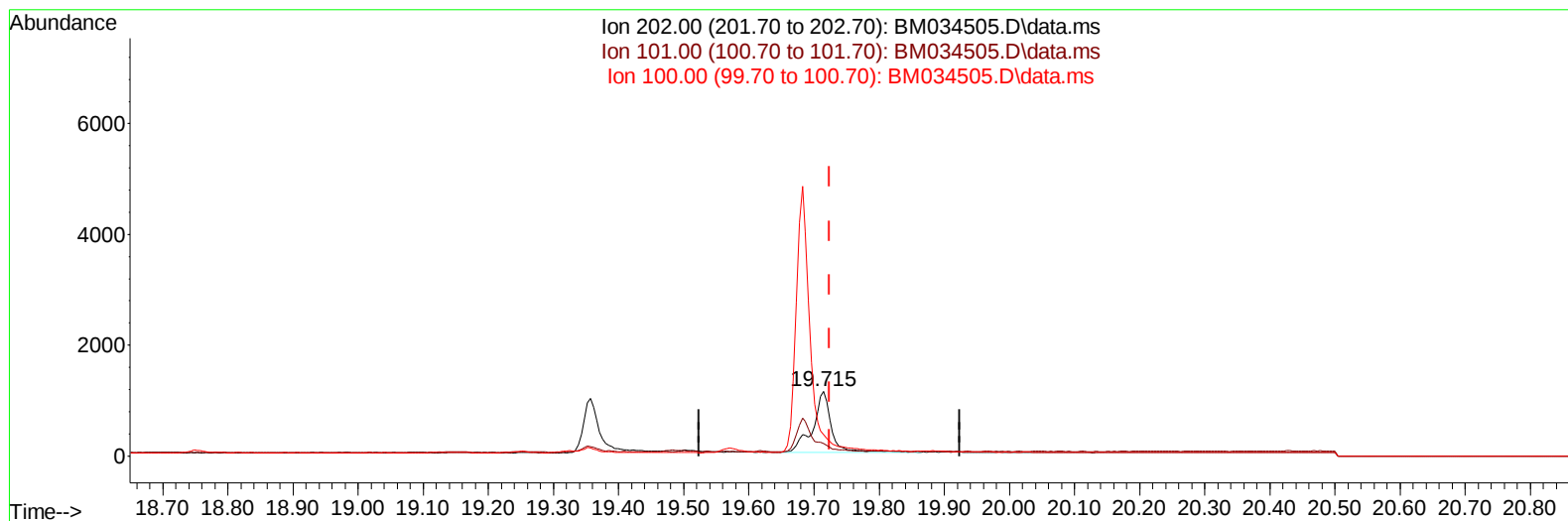
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
Data File : BM034505.D
Acq On : 05 Apr 2022 16:46
Operator : CG/JU
Sample : N2183-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0R30

Manual IntegrationsAPPROVED

Quant Time: Apr 06 01:46:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



TIC: BM034505.D\data.ms

(20) Pyrene

19.715min (-0.009) 0.09 ng/u1

response 2189

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.60	19.54#
100.00	9.70	32.65#
0.00	0.00	0.00

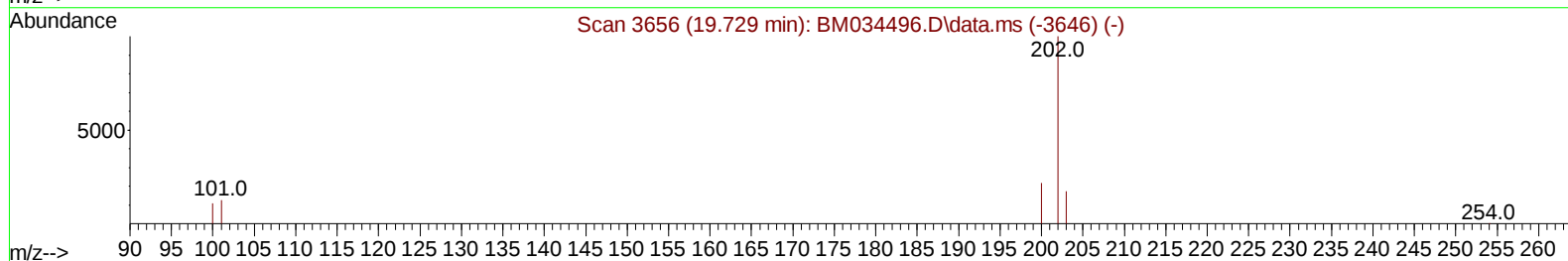
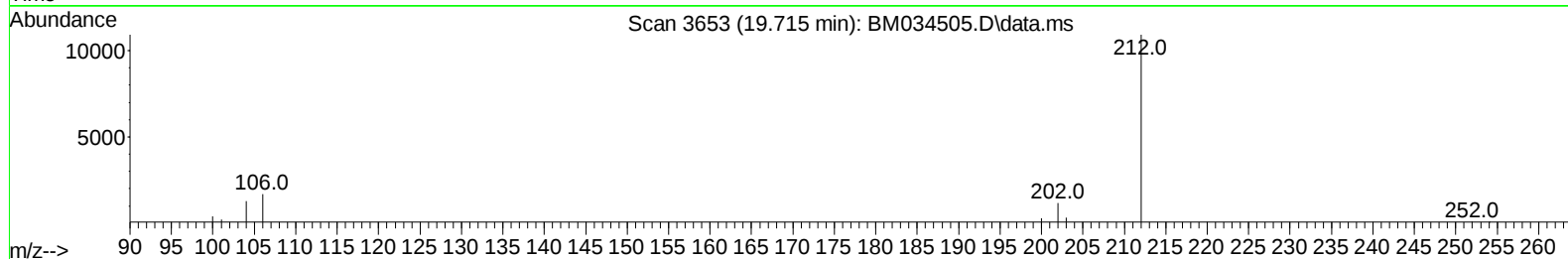
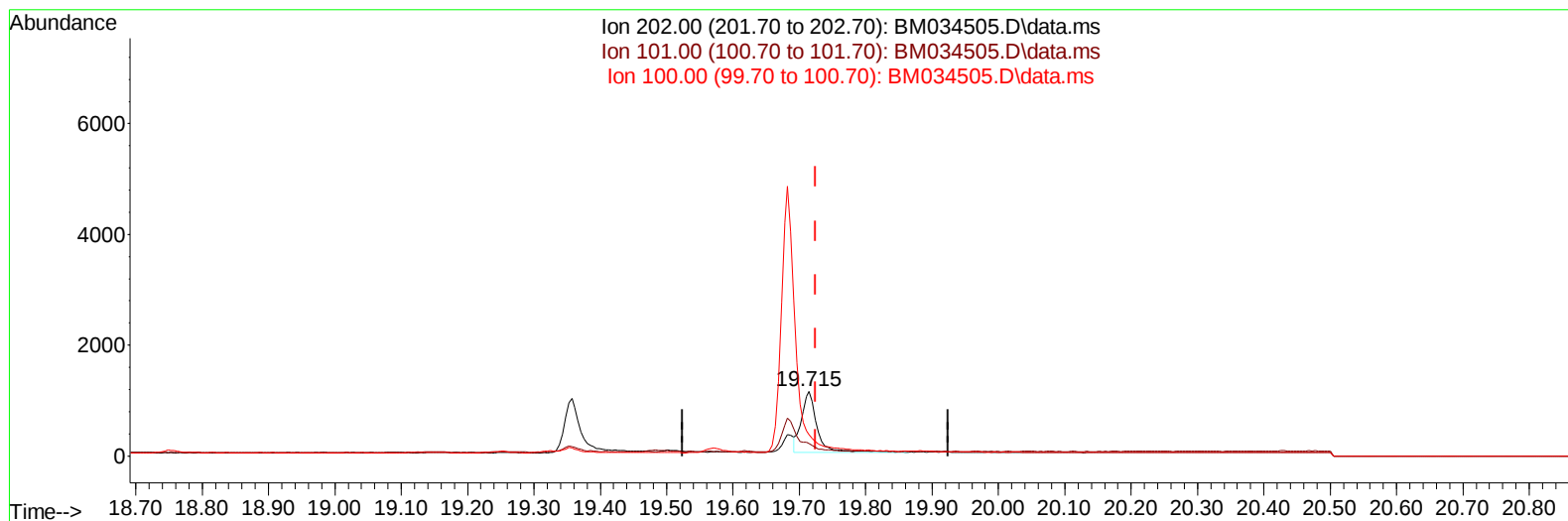
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
Data File : BM034505.D
Acq On : 05 Apr 2022 16:46
Operator : CG/JU
Sample : N2183-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0R30

Manual IntegrationsAPPROVED

Quant Time: Apr 06 01:46:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



TIC: BM034505.D\data.ms

(20) Pyrene

19.715min (-0.009) 0.08 ng/u1 m

response 1800

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.60	19.54#
100.00	9.70	32.65#
0.00	0.00	0.00

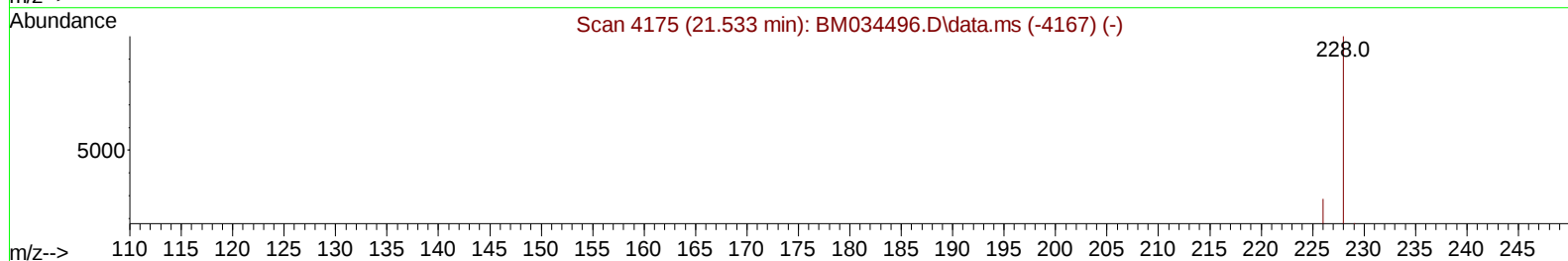
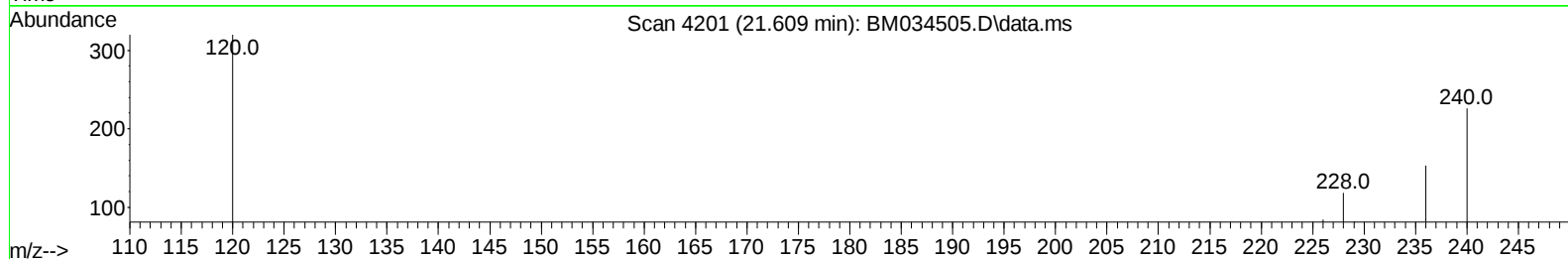
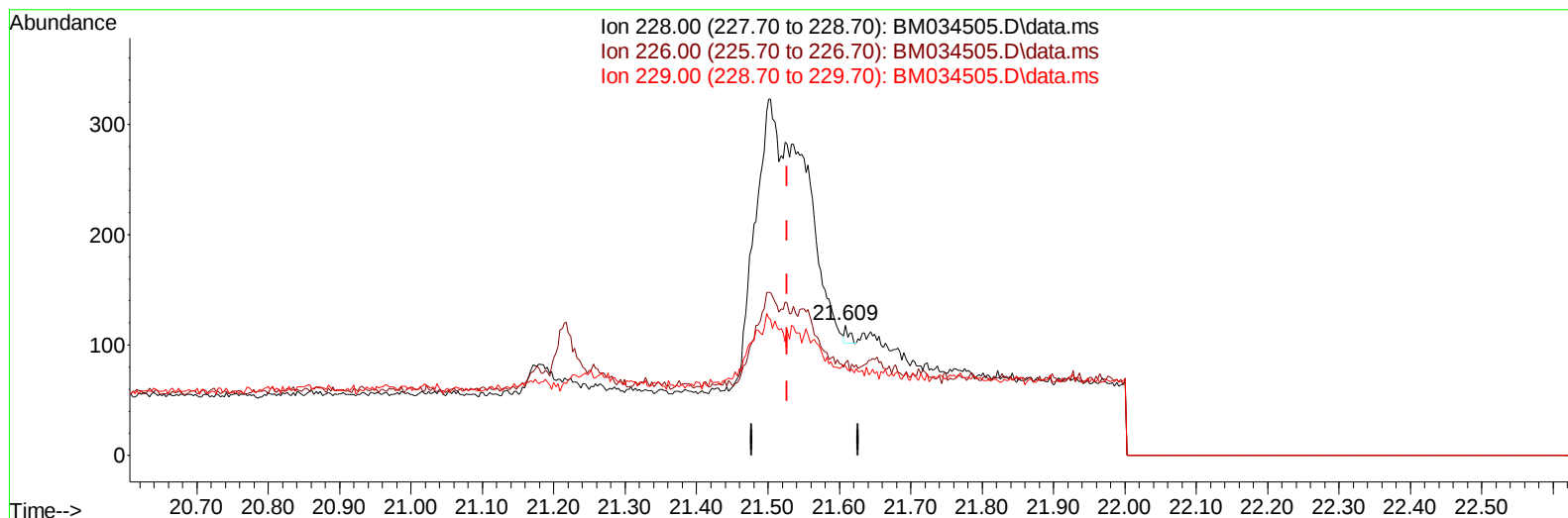
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
Data File : BM034505.D
Acq On : 05 Apr 2022 16:46
Operator : CG/JU
Sample : N2183-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0R30

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 06 01:46:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
Response via : Initial Calibration



TIC: BM034505.D\data.ms

(22) Chrysene

21.609min (+ 0.082) 0.00 ng/u1

response 7

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.30	71.19#
229.00	20.90	68.64#
0.00	0.00	0.00

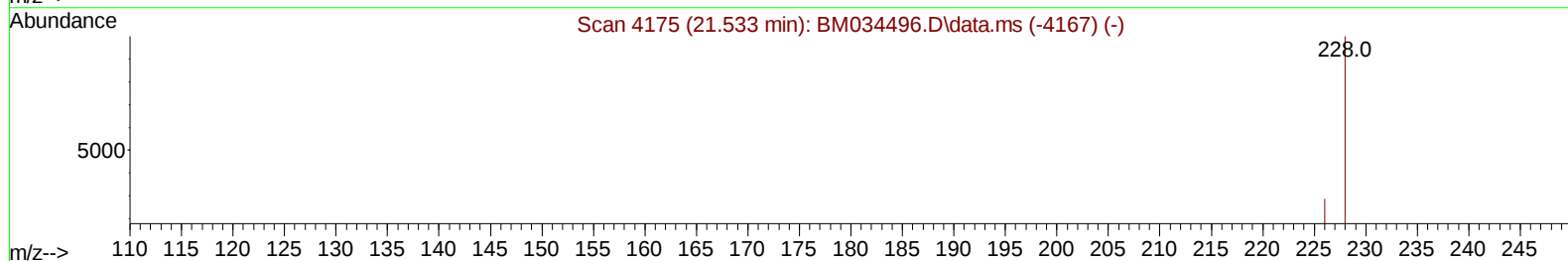
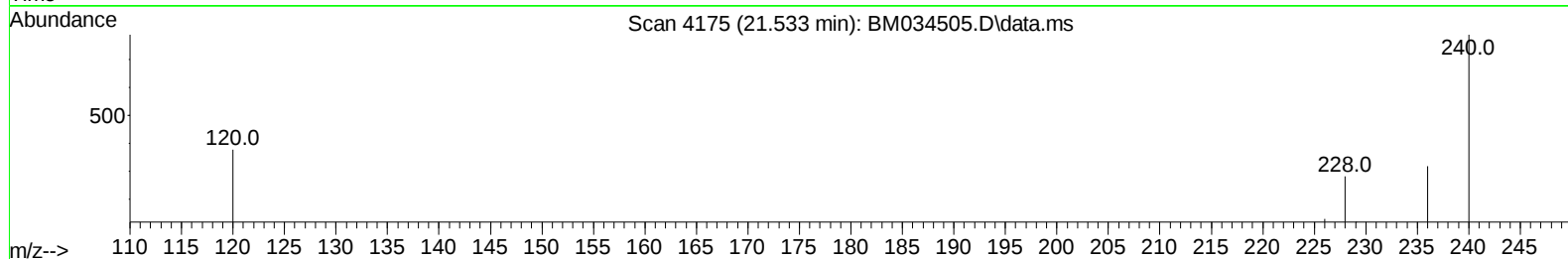
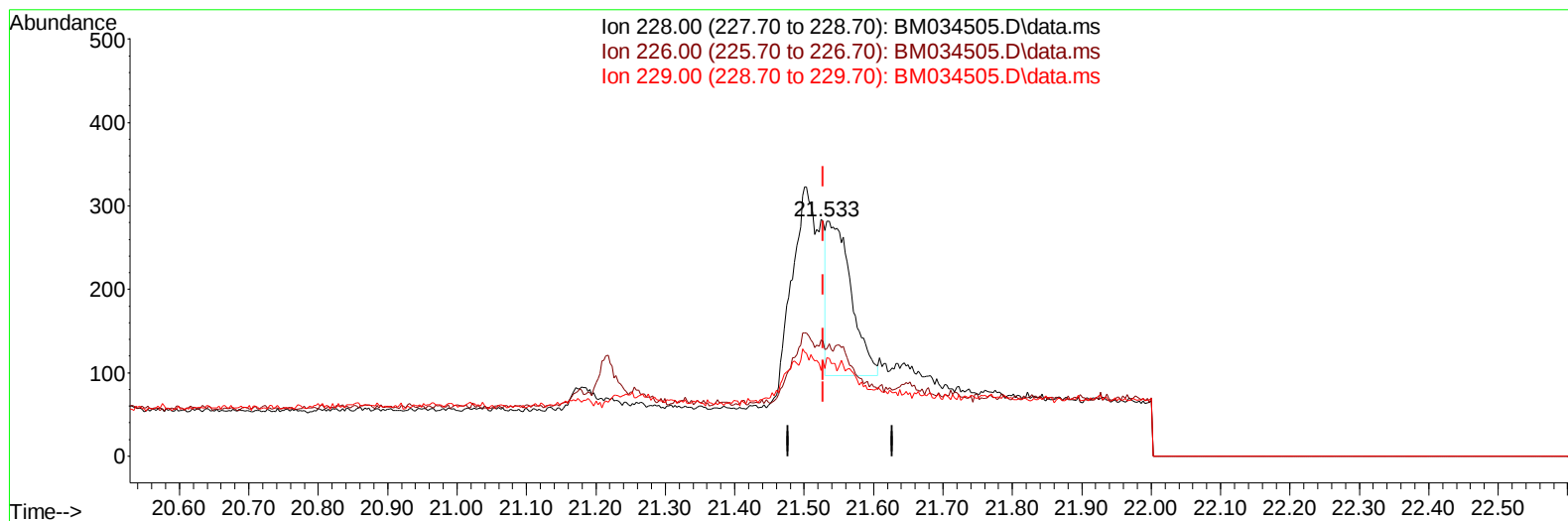
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
 Data File : BM034505.D
 Acq On : 05 Apr 2022 16:46
 Operator : CG/JU
 Sample : N2183-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R30

Manual IntegrationsAPPROVED

Quant Time: Apr 06 01:46:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 11:50:53 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/06/2022
 Supervised By :Yogesh Patel 04/09/2022



TIC: BM034505.D\data.ms

(22) Chrysene

21.533min (+ 0.006) 0.04 ng/ul m

response 450

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	32.30	45.74#
229.00	20.90	41.84#
0.00	0.00	0.00

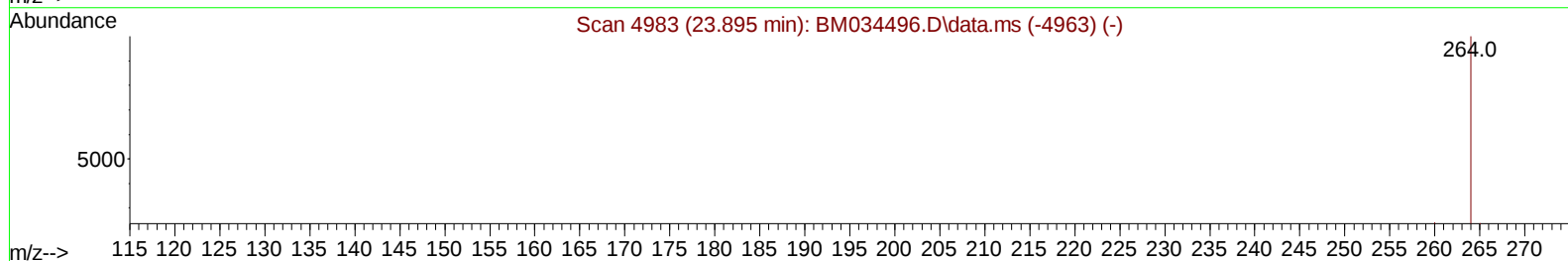
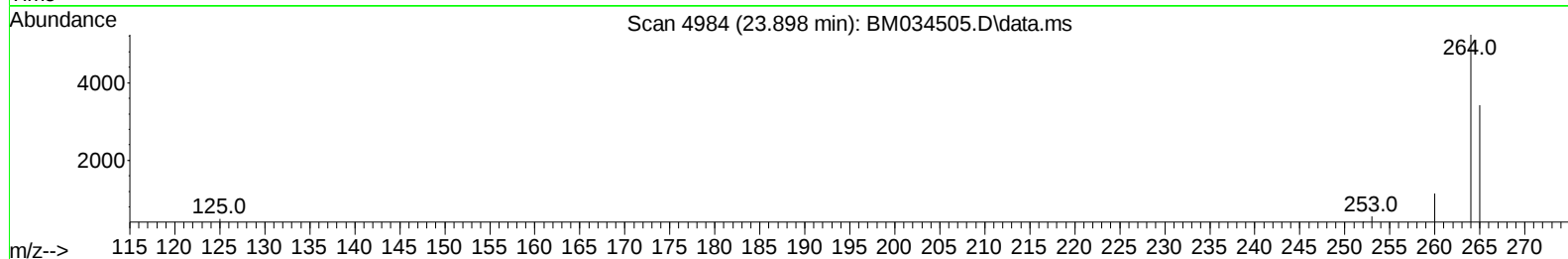
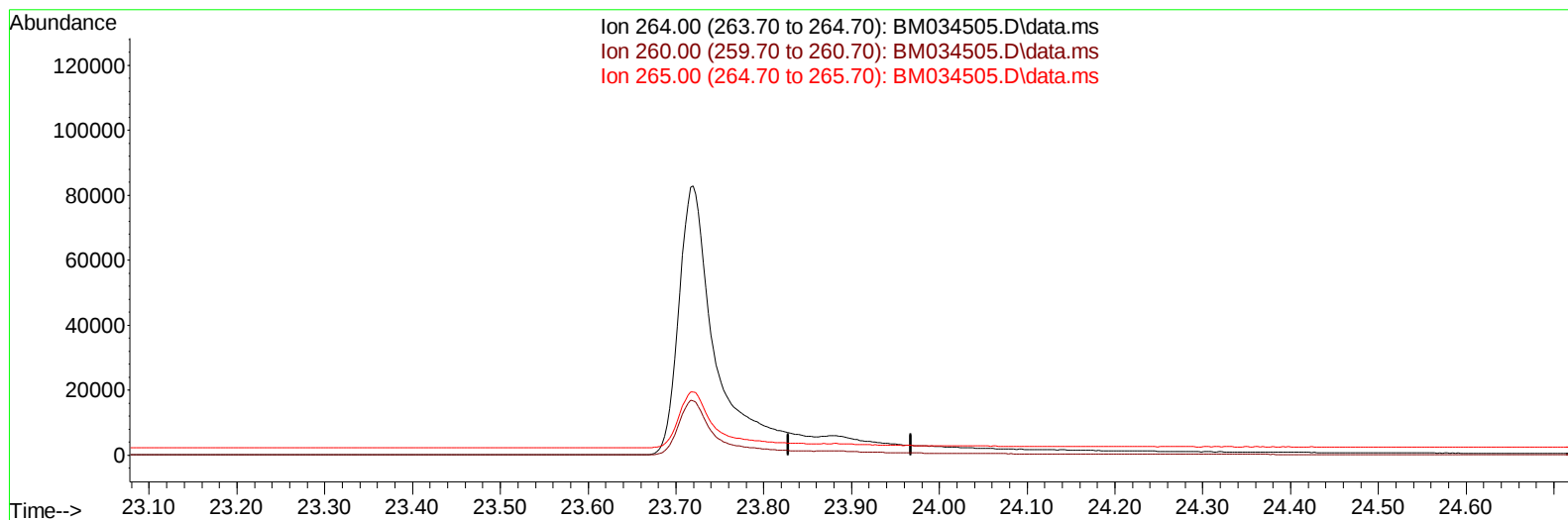
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
 Data File : BM034505.D
 Acq On : 05 Apr 2022 16:46
 Operator : CG/JU
 Sample : N2183-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R30

Manual IntegrationsAPPROVED

Quant Time: Apr 06 01:46:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 11:50:53 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/06/2022
 Supervised By :Yogesh Patel 04/09/2022



TIC: BM034505.D\data.ms

(23) Perylene-d12 (I)

23.898min (-23.898) 0.00 ng/ul

response 0

Ion	Exp%	Act%
264.00	100.00	0.00
260.00	27.80	0.00#
265.00	95.30	0.00#
0.00	0.00	0.00

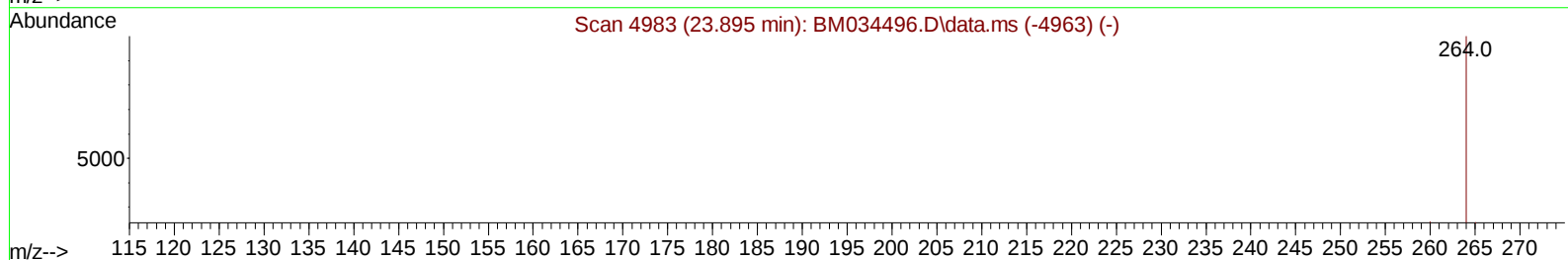
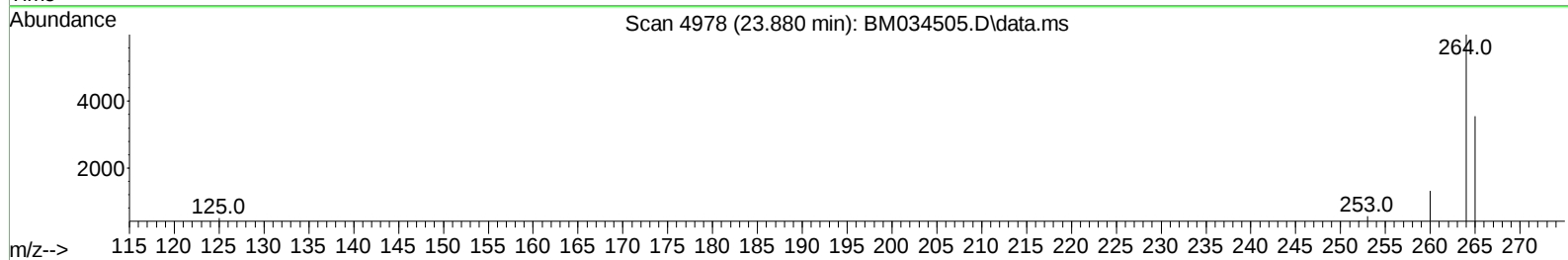
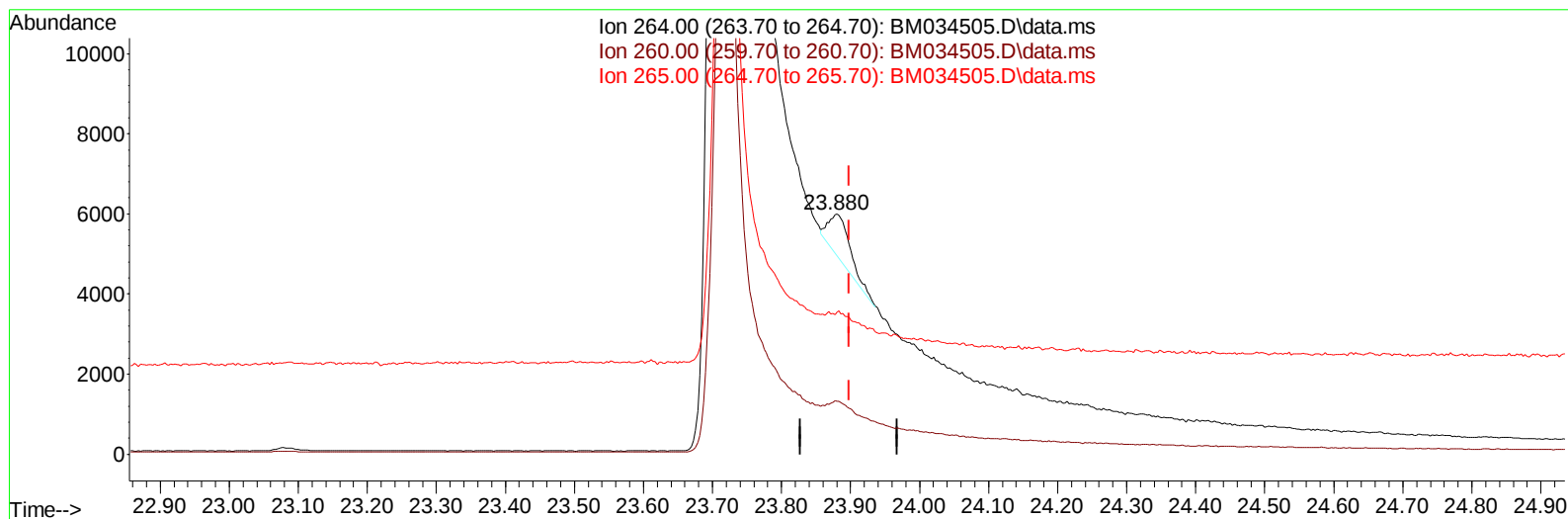
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
 Data File : BM034505.D
 Acq On : 05 Apr 2022 16:46
 Operator : CG/JU
 Sample : N2183-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R30

Manual IntegrationsAPPROVED

Quant Time: Apr 06 01:46:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 11:50:53 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/06/2022
 Supervised By :Yogesh Patel 04/09/2022



TIC: BM034505.D\data.ms

(23) Perylene-d12 (I)

23.880min (-0.018) 0.40 ng/ul m

response 2178

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.80	22.13#
265.00	95.30	59.14#
0.00	0.00	0.00

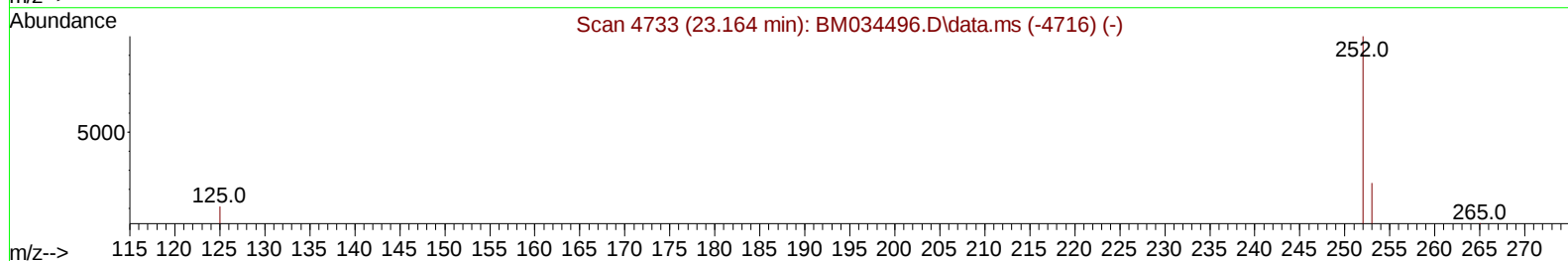
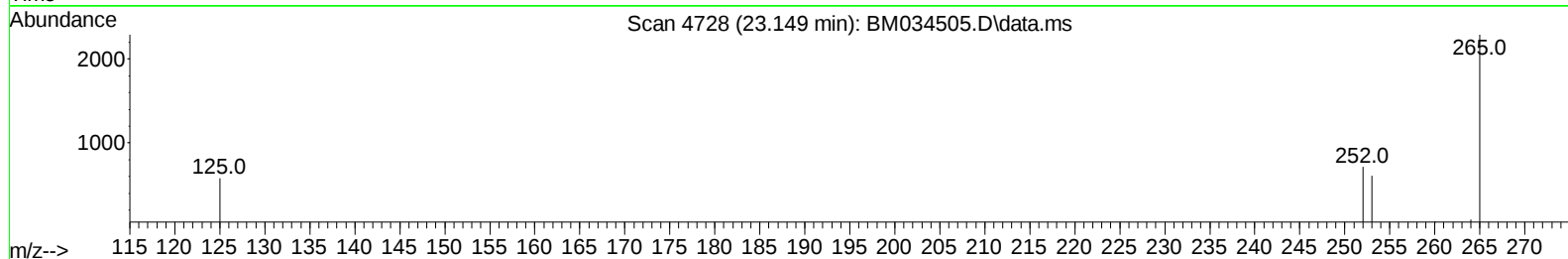
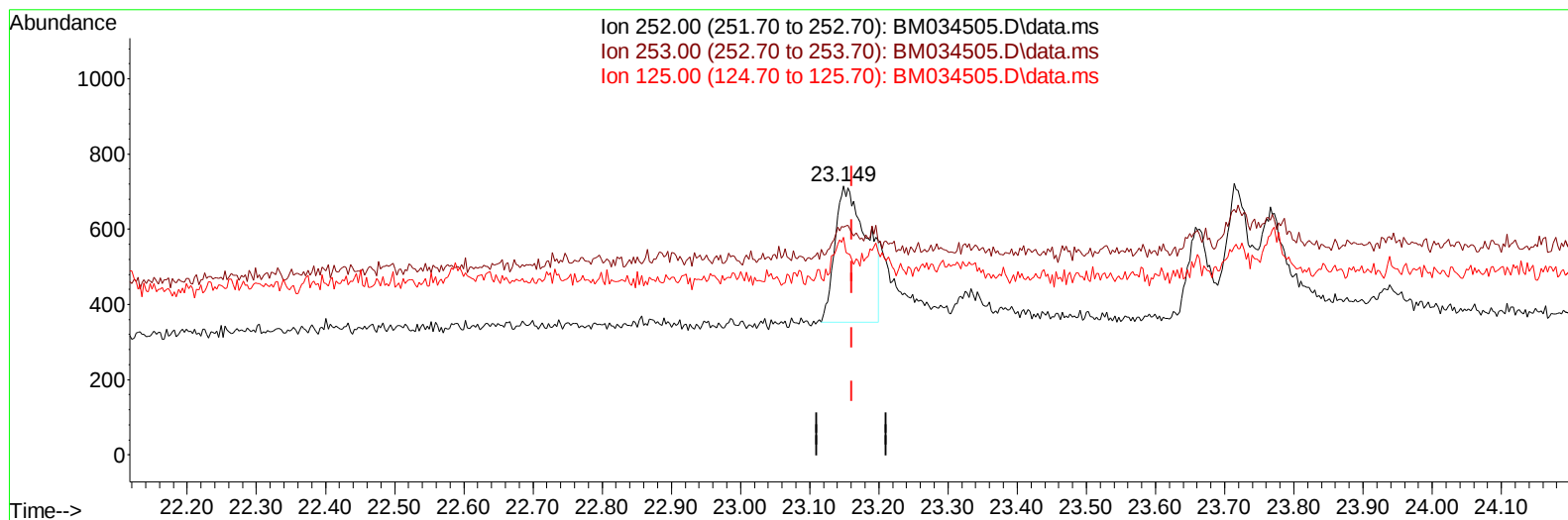
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
 Data File : BM034505.D
 Acq On : 05 Apr 2022 16:46
 Operator : CG/JU
 Sample : N2183-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R30

Manual IntegrationsAPPROVED

Quant Time: Apr 06 01:46:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 11:50:53 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/06/2022
 Supervised By :Yogesh Patel 04/09/2022



TIC: BM034505.D\data.ms

(24) Benzo(b)fluoranthene

23.149min (-0.012) 0.16 ng/u1

response 1158

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.10	84.76#
125.00	14.40	80.84#
0.00	0.00	0.00

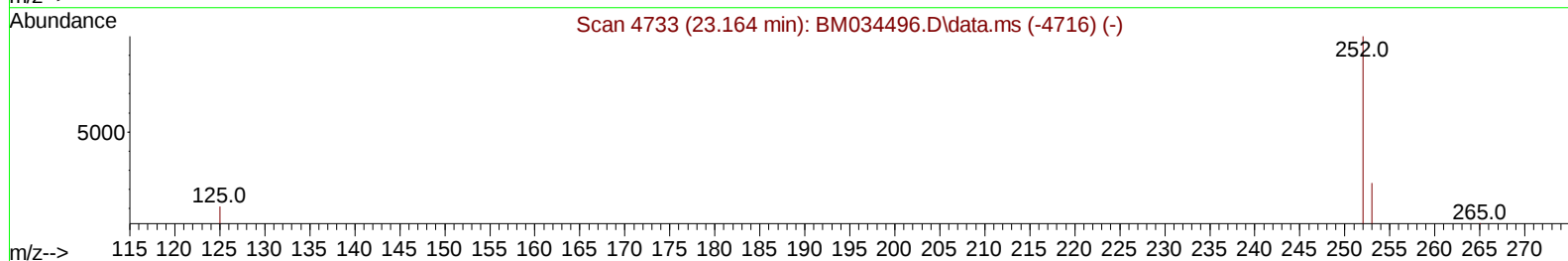
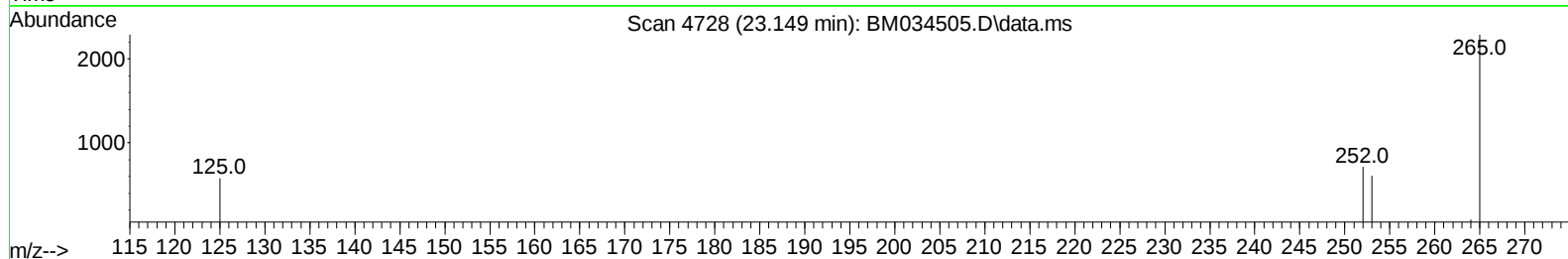
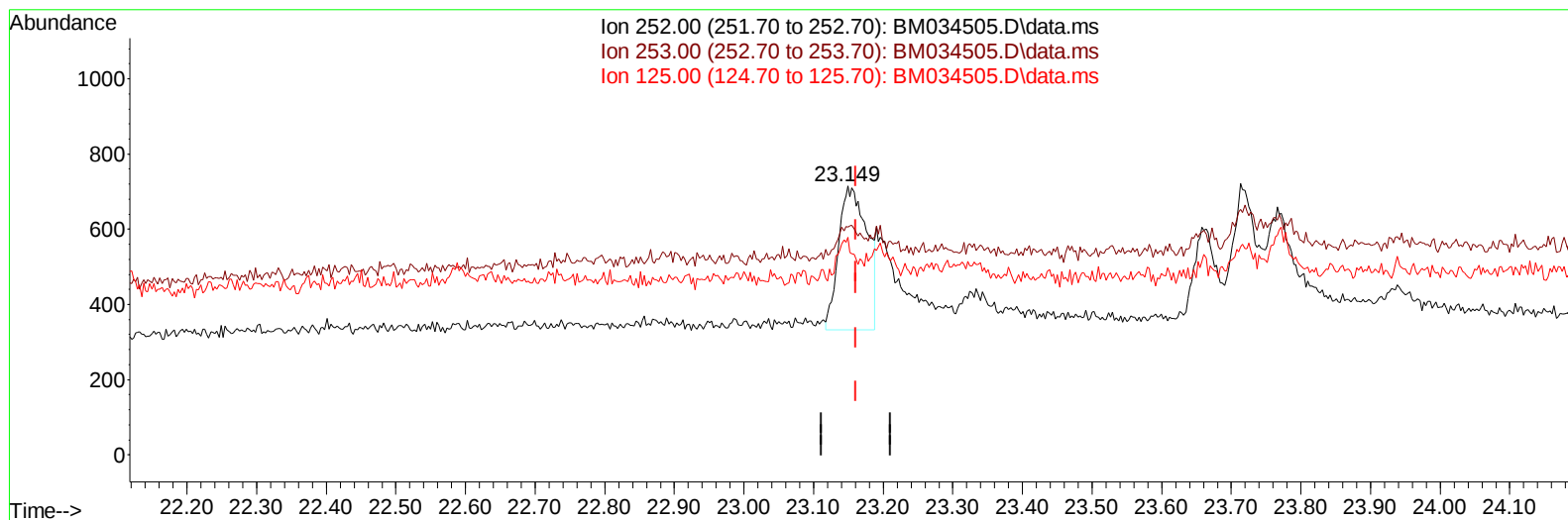
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
 Data File : BM034505.D
 Acq On : 05 Apr 2022 16:46
 Operator : CG/JU
 Sample : N2183-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R30

Manual IntegrationsAPPROVED

Quant Time: Apr 06 01:46:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 11:50:53 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/06/2022
 Supervised By :Yogesh Patel 04/09/2022



TIC: BM034505.D\data.ms

(24) Benzo(b)fluoranthene

23.149min (-0.012) 0.15 ng/ul m

response 1083

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.10	84.76#
125.00	14.40	80.84#
0.00	0.00	0.00

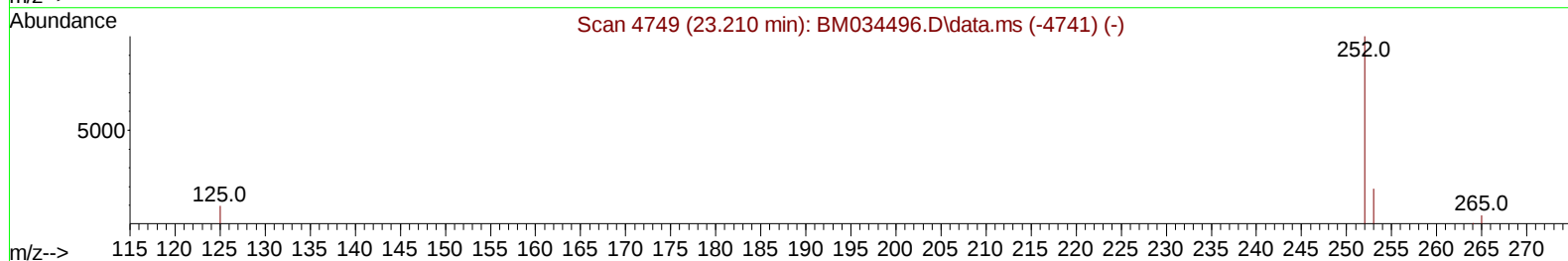
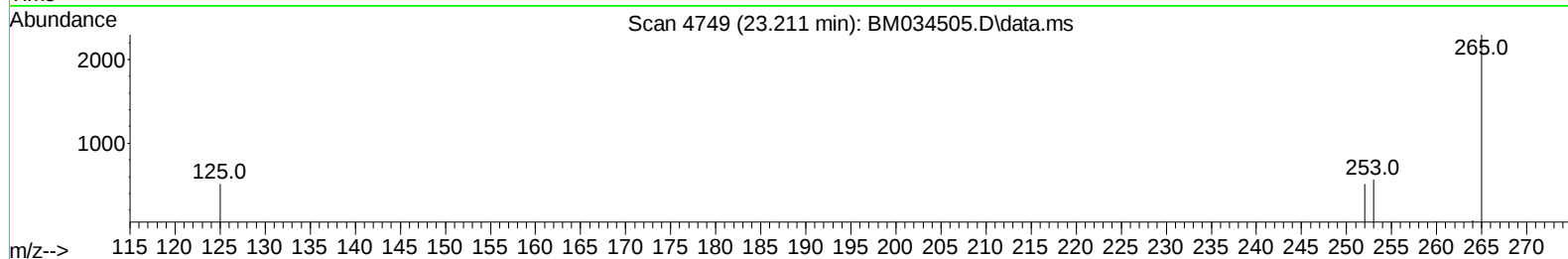
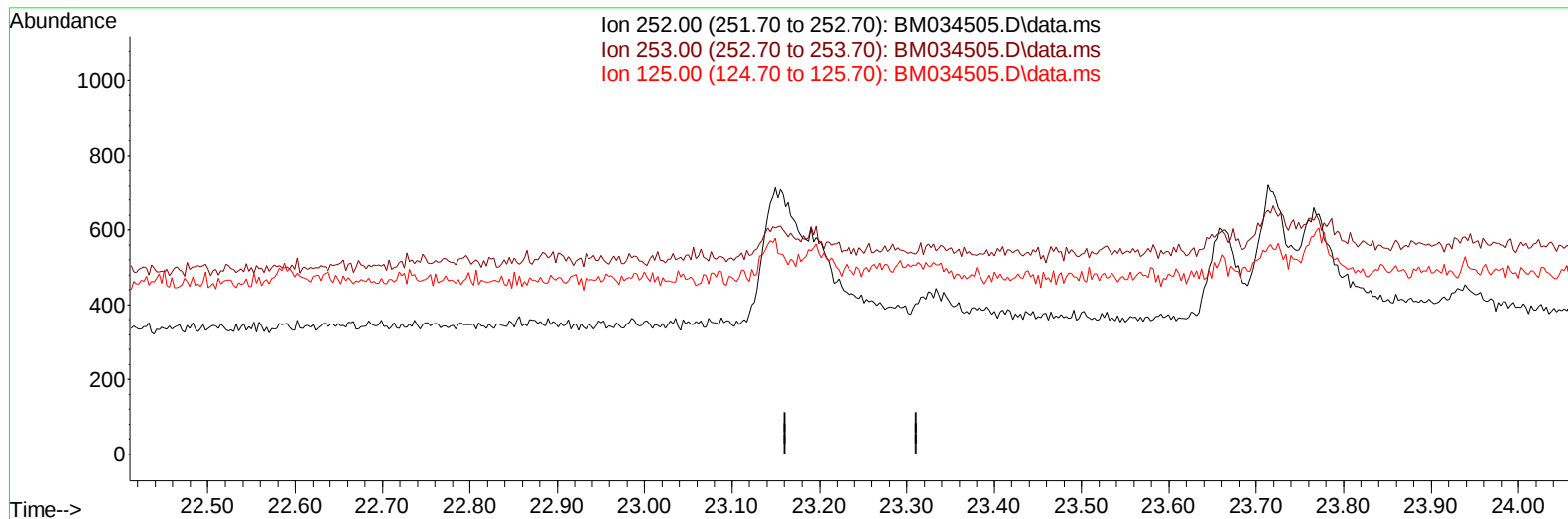
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
Data File : BM034505.D
Acq On : 05 Apr 2022 16:46
Operator : CG/JU
Sample : N2183-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0R30

Manual IntegrationsAPPROVED

Quant Time: Apr 06 01:46:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



TIC: BM034505.D\data.ms

(25) Benzo(k)fluoranthene

23.211min (-23.211) 0.00 ng/u1

response 0

Ion	Exp%	Act%
252.00	100.00	0.00
253.00	33.50	0.00#
125.00	15.00	0.00#
0.00	0.00	0.00

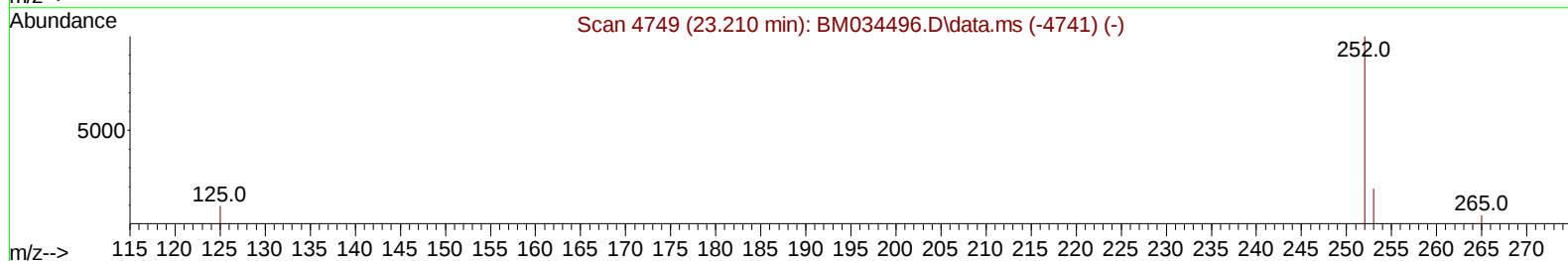
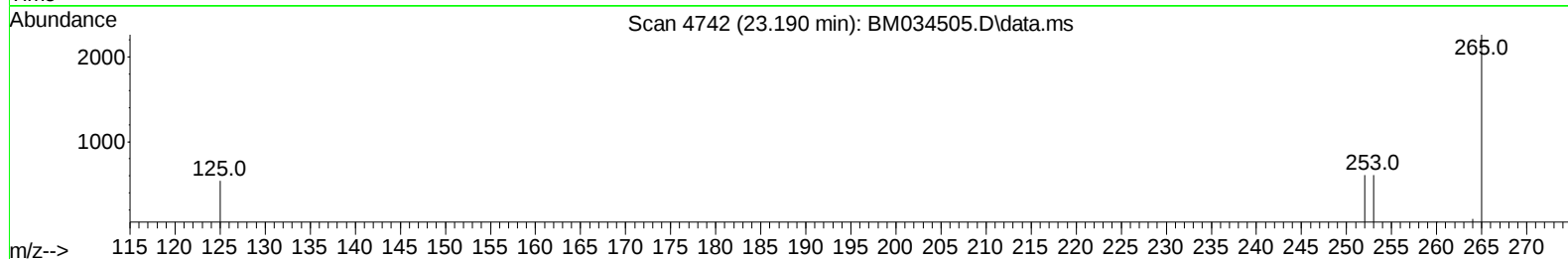
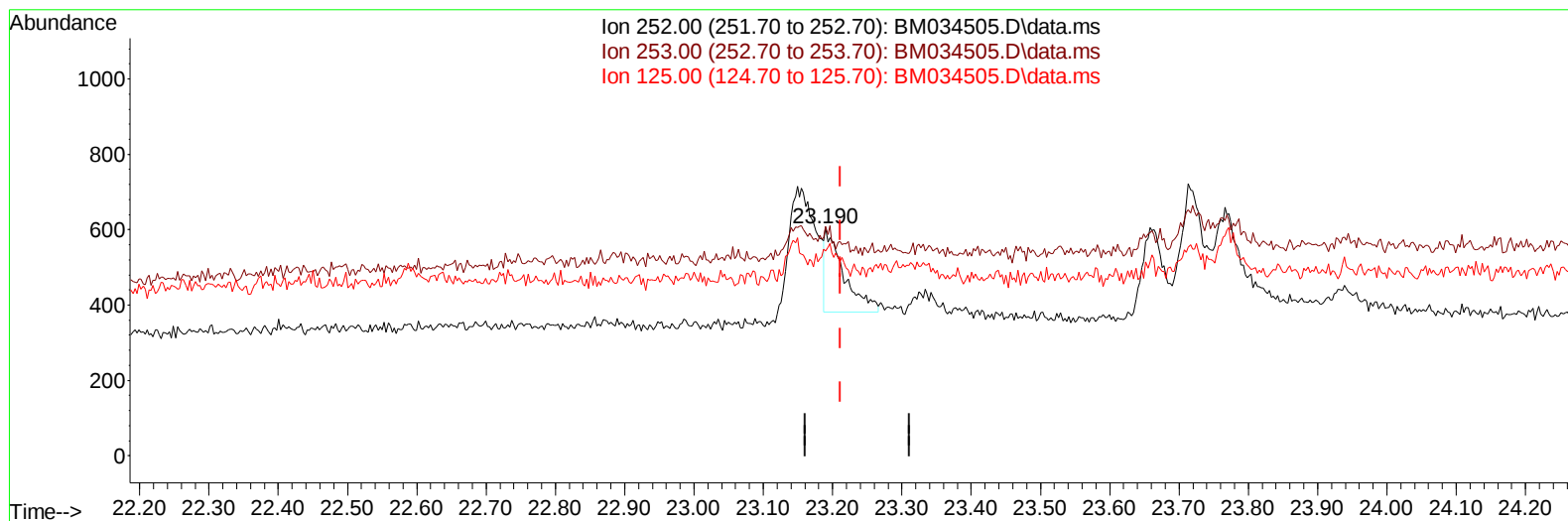
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
 Data File : BM034505.D
 Acq On : 05 Apr 2022 16:46
 Operator : CG/JU
 Sample : N2183-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R30

Manual IntegrationsAPPROVED

Quant Time: Apr 06 01:46:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 11:50:53 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/06/2022
 Supervised By :Yogesh Patel 04/09/2022



TIC: BM034505.D\data.ms

(25) Benzo(k)fluoranthene

23.190min (-0.021) 0.06 ng/ul m

response 412

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	33.50	100.66#
125.00	15.00	89.92#
0.00	0.00	0.00

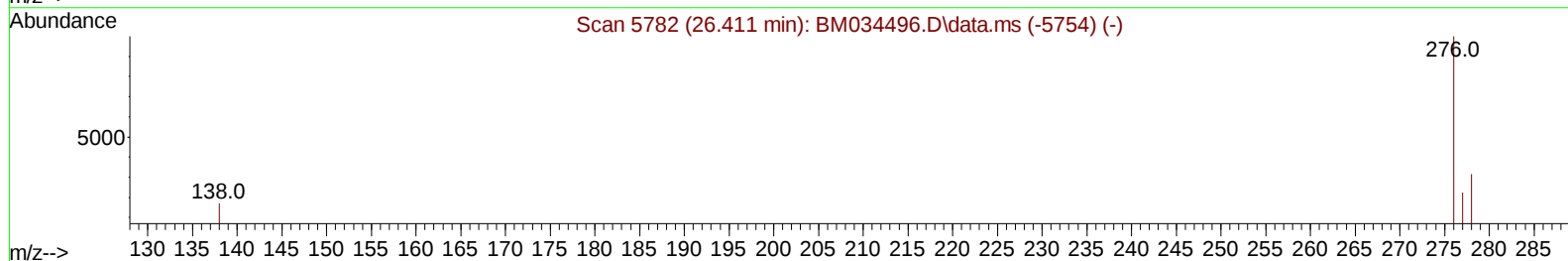
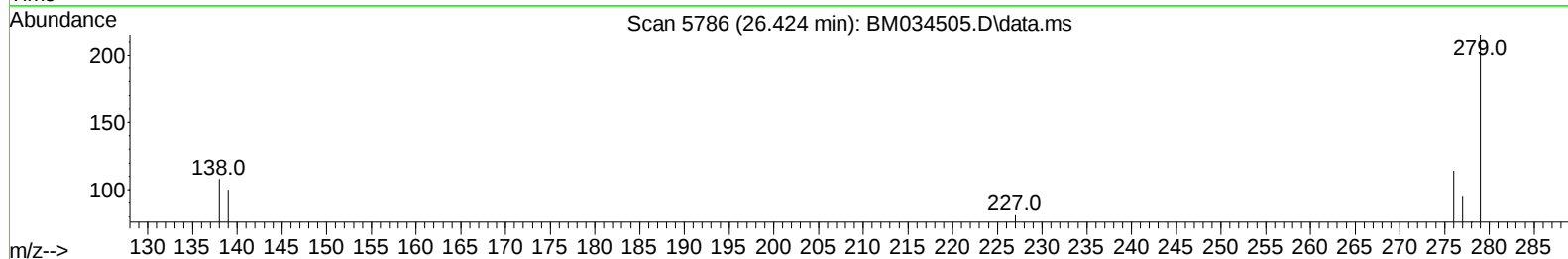
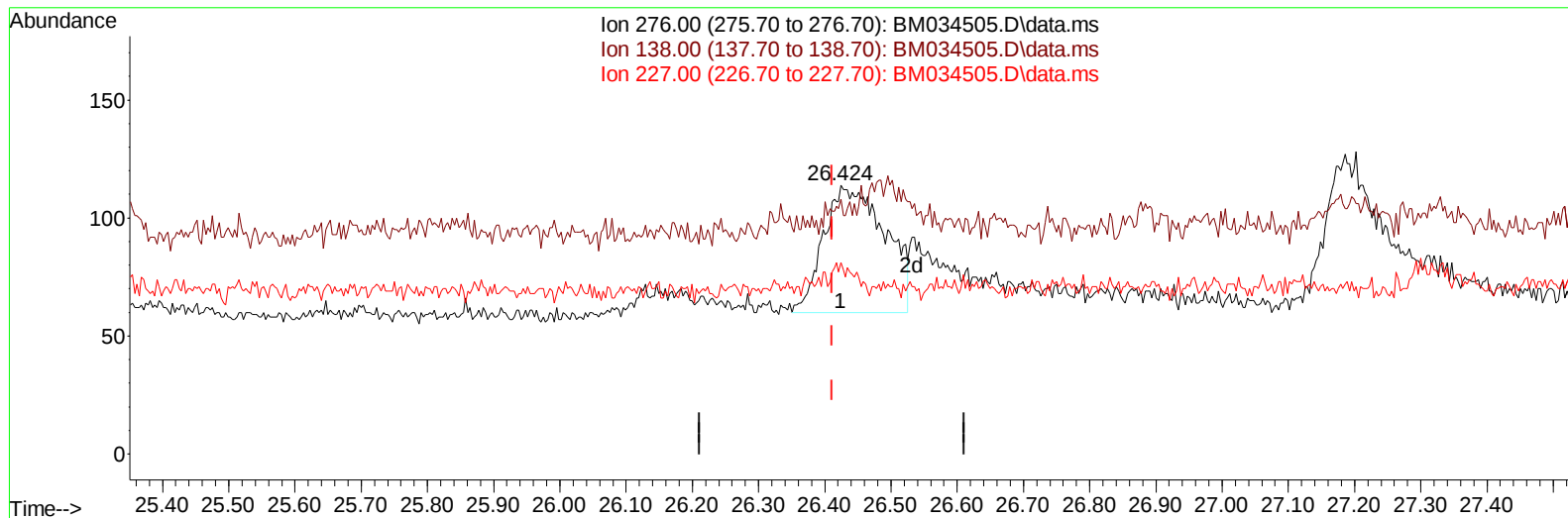
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
Data File : BM034505.D
Acq On : 05 Apr 2022 16:46
Operator : CG/JU
Sample : N2183-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0R30

Manual IntegrationsAPPROVED

Quant Time: Apr 06 01:46:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



TIC: BM034505.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

26.424min (+ 0.013) 0.03 ng/u1

response 347

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.70	6.92#
227.00	0.00	9.22#
0.00	0.00	0.00

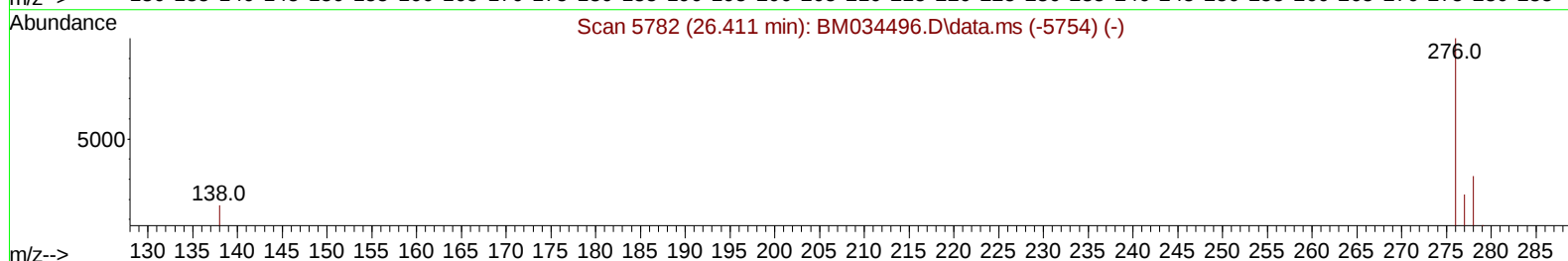
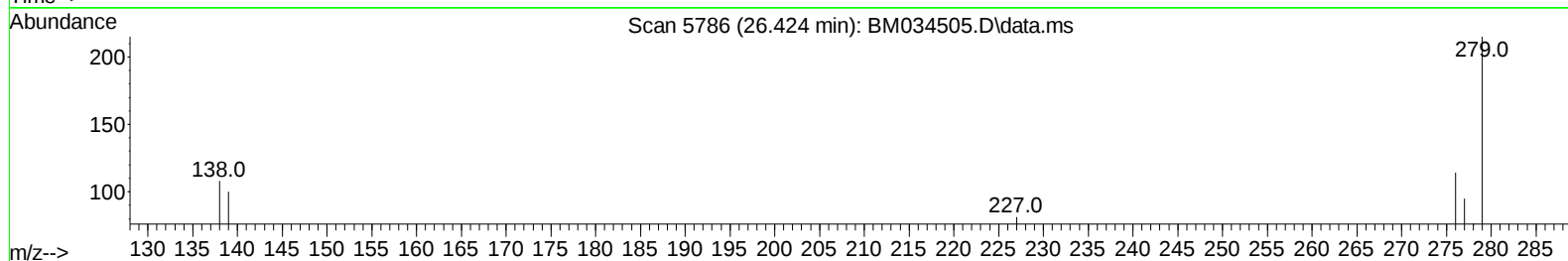
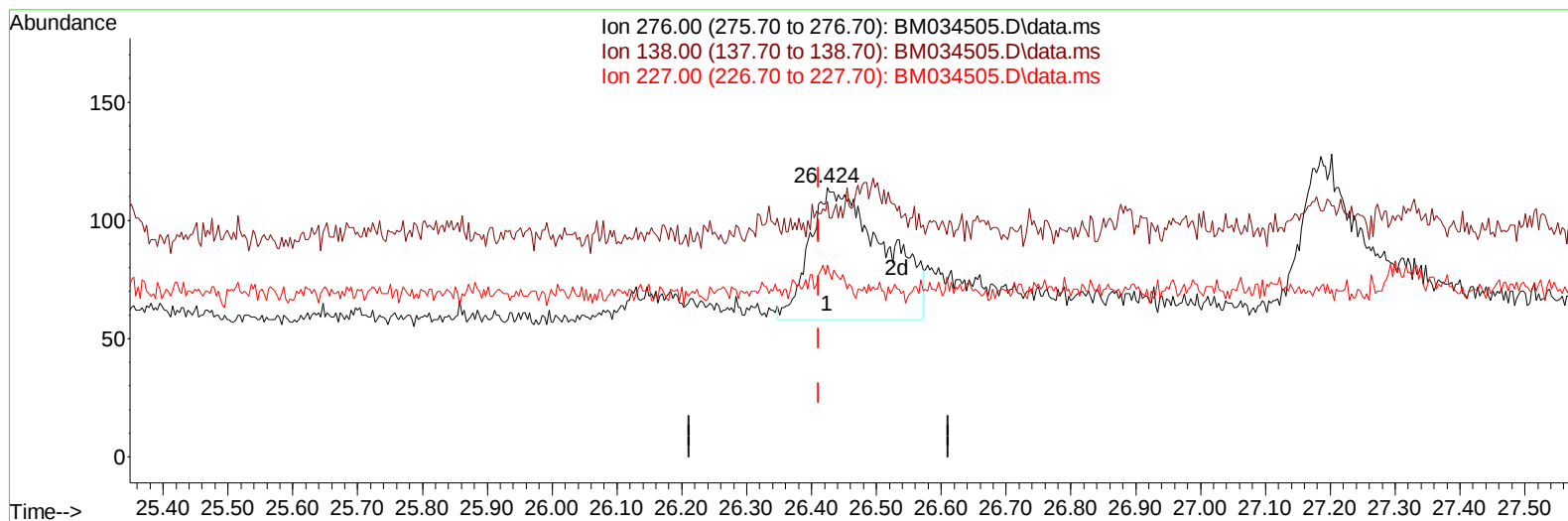
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
Data File : BM034505.D
Acq On : 05 Apr 2022 16:46
Operator : CG/JU
Sample : N2183-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0R30

Manual IntegrationsAPPROVED

Quant Time: Apr 06 01:46:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022



TIC: BM034505.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

26.424min (+ 0.013) 0.04 ng/ul m

response 446

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.70	5.38#
227.00	0.00	7.17#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
 Data File : BM034505.D
 Acq On : 05 Apr 2022 16:46
 Operator : CG/JU
 Sample : N2183-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R30

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/06/2022
 Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 06 01:46:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 11:50:53 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152		2868	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.724	136		7589	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.555	164		3816	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188		6577	0.400	ng/ul	-0.01
17) Chrysene-d12	21.518	240		4772	0.400	ng/ul	# 0.02
23) Perylene-d12	23.880	264		2178m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.292	96		9281	1.932	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152		1345	0.135	ng/ul	0.01
18) Fluoranthene-d10	19.324	212		2976	0.213	ng/ul	0.00
Target Compounds							
							Qvalue
15) Phenanthrene	17.337	178		995	0.047	ng/ul#	83
19) Fluoranthene	19.357	202		1732	0.086	ng/ul#	87
20) Pyrene	19.715	202		1800m	0.077	ng/ul	
21) Benzo(a)anthracene	21.501	228		816	0.079	ng/ul#	67
22) Chrysene	21.533	228		450m	0.037	ng/ul	
24) Benzo(b)fluoranthene	23.149	252		1083m	0.152	ng/ul	
25) Benzo(k)fluoranthene	23.190	252		412m	0.065	ng/ul	
26) Benzo(a)pyrene	23.766	252		611	0.073	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.424	276		446m	0.045	ng/ul	
29) Benzo(g,h,i)perylene	27.202	276		405	0.037	ng/ul#	1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
Data File : BM034505.D
Acq On : 05 Apr 2022 16:46
Operator : CG/JU
Sample : N2183-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0R30

Manual IntegrationsAPPROVED

Quant Time: Apr 06 01:46:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

