

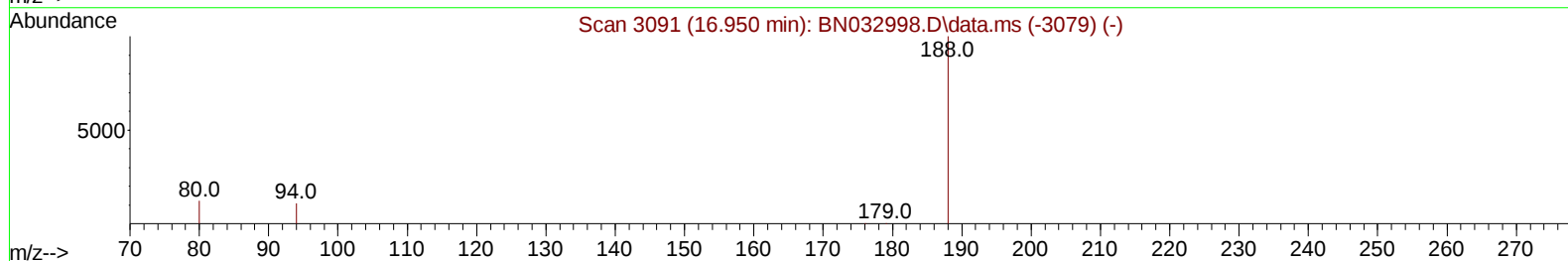
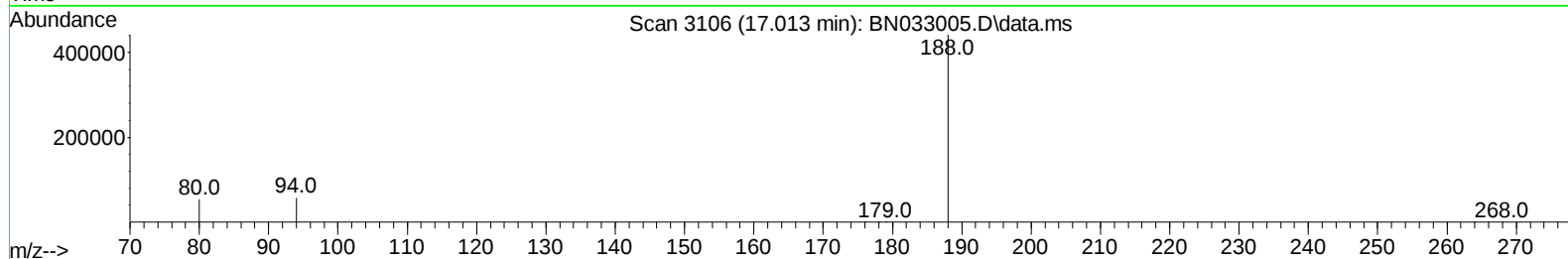
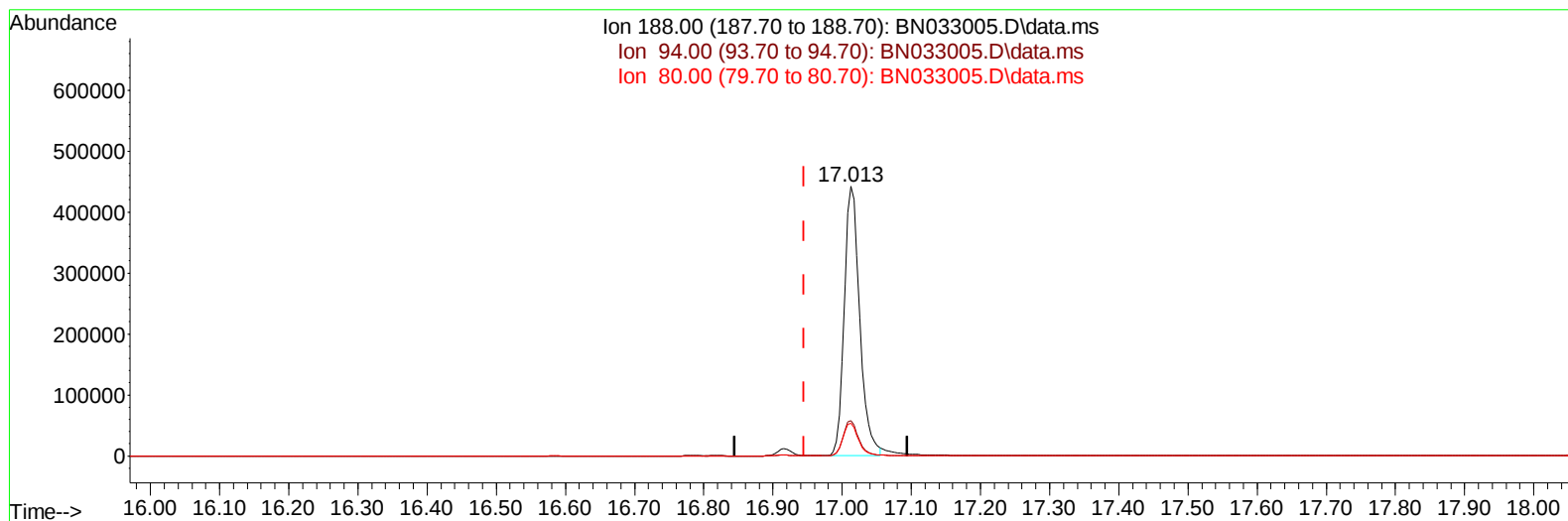
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033005.D
Acq On : 26 Jul 2024 20:03
Operator : MA/JU
Sample : P3264-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CM5

Manual IntegrationsAPPROVED

Quant Time: Jul 26 23:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



TIC: BN033005.D\data.ms

(13) Phenanthrene-d10 (I)

17.013min (+ 0.068) 0.40 ng/u1

response 688300

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	12.99
80.00	13.10	12.18
0.00	0.00	0.00

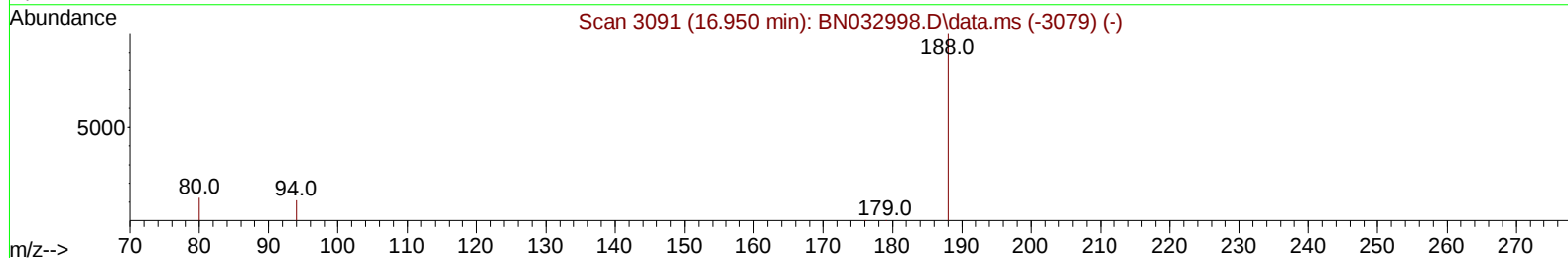
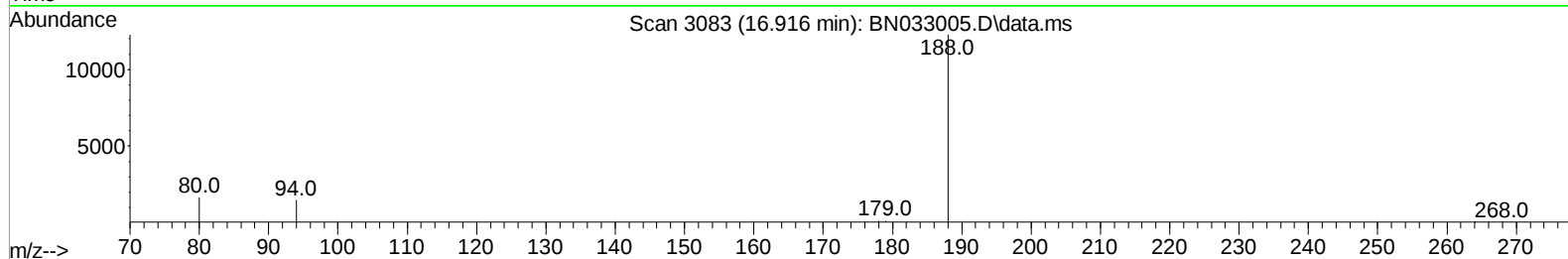
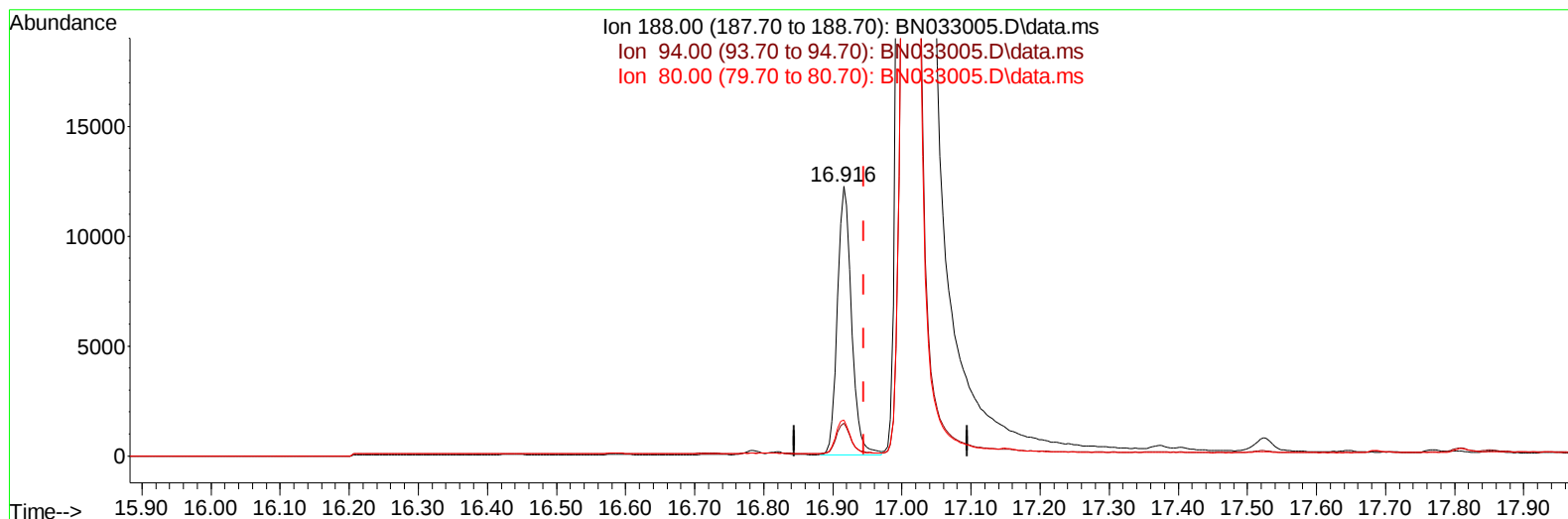
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033005.D
Acq On : 26 Jul 2024 20:03
Operator : MA/JU
Sample : P3264-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CM5

Manual IntegrationsAPPROVED

Quant Time: Jul 26 23:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



TIC: BN033005.D\data.ms

(13) Phenanthrene-d10 (I)

16.916min (-0.030) 0.40 ng/ul m

response 17375

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	12.06
80.00	13.10	13.45
0.00	0.00	0.00

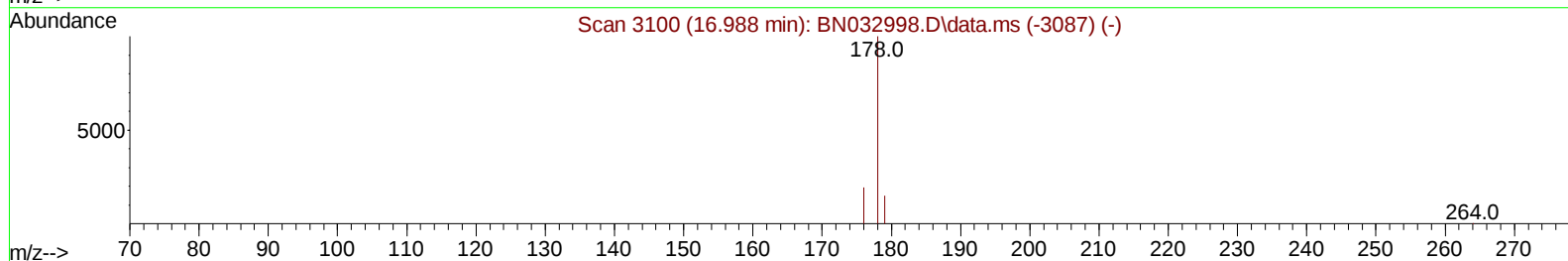
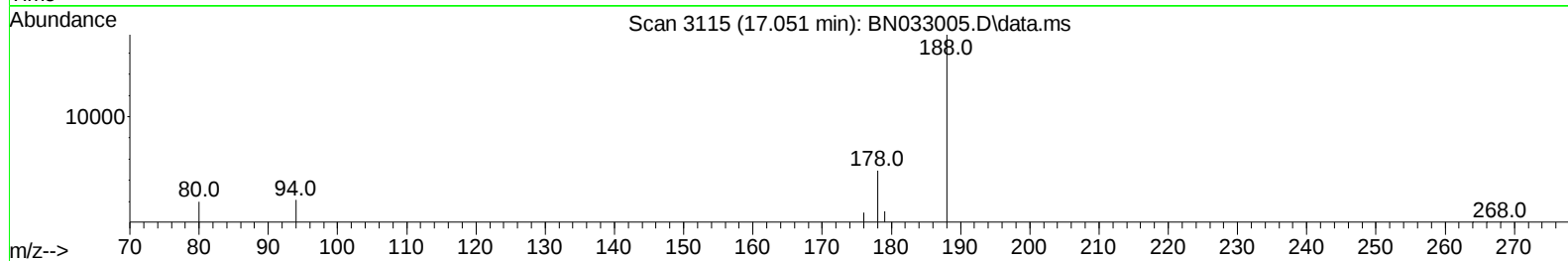
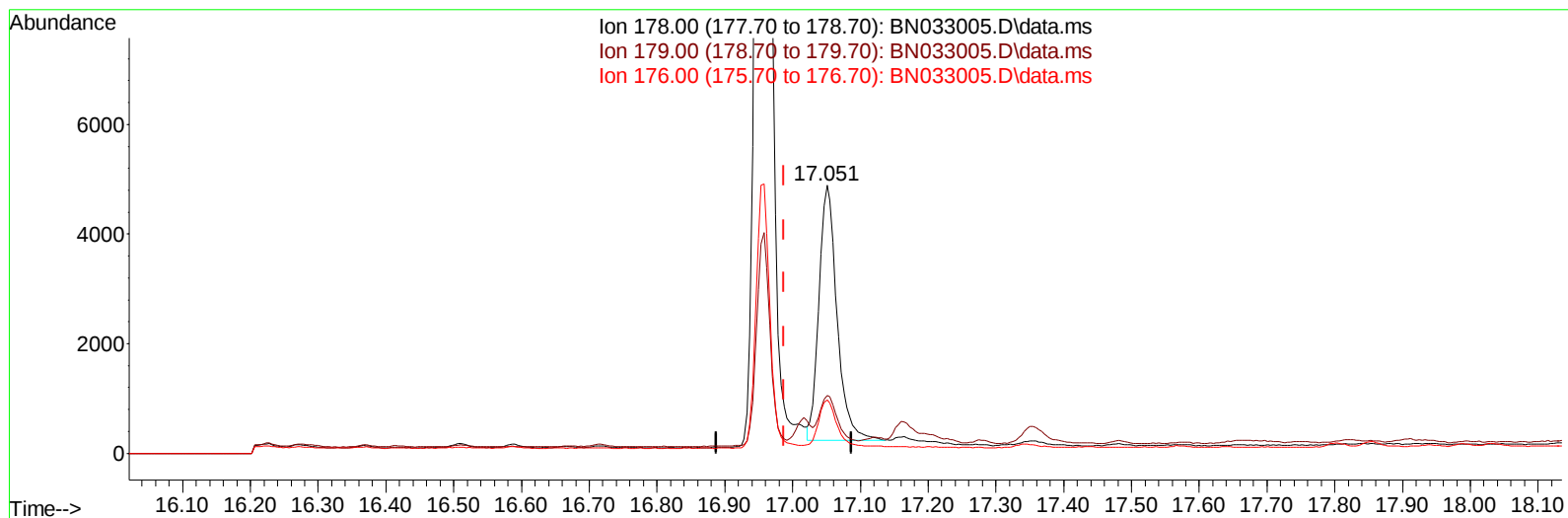
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033005.D
Acq On : 26 Jul 2024 20:03
Operator : MA/JU
Sample : P3264-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CM5

Manual IntegrationsAPPROVED

Quant Time: Jul 26 23:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



TIC: BN033005.D\data.ms

(15) Phenanthrene

17.051min (+ 0.063) 0.18 ng/u1

response 8555

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	21.64#
176.00	19.90	19.91
0.00	0.00	0.00

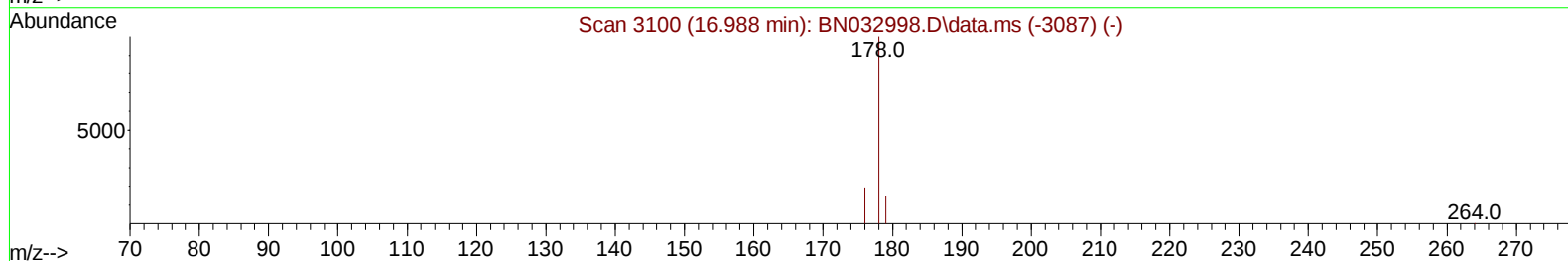
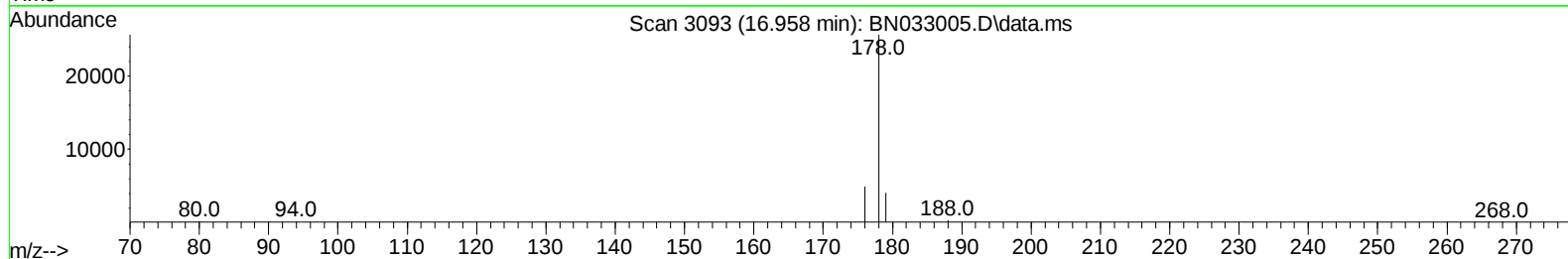
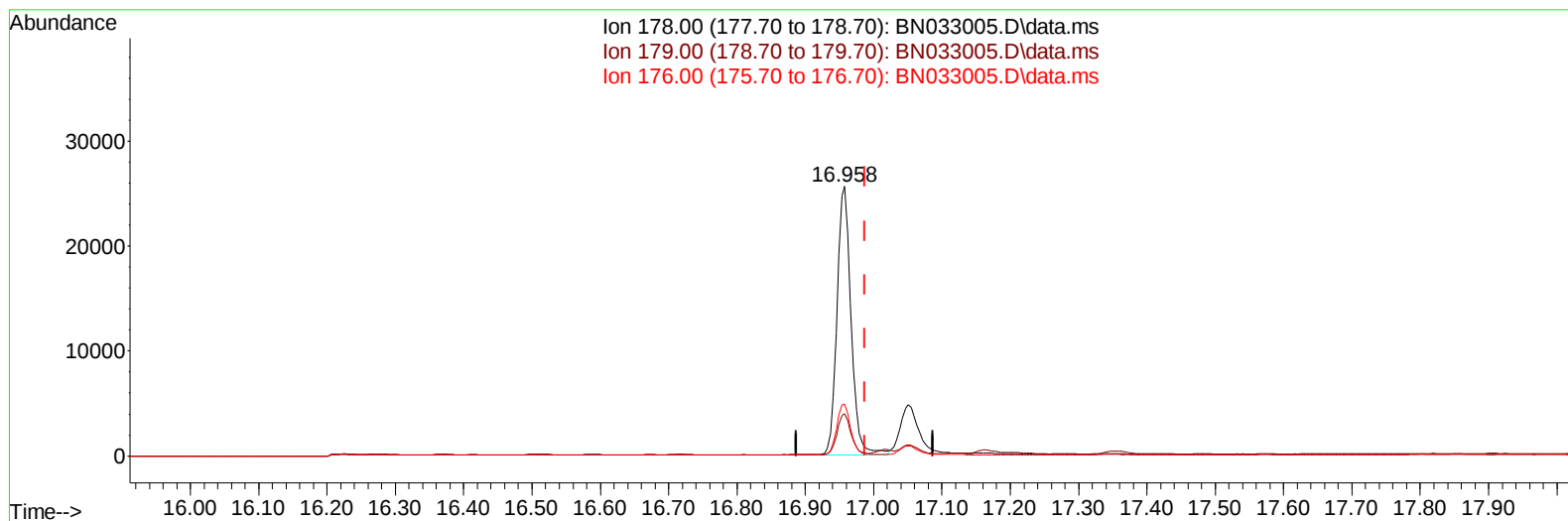
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033005.D
Acq On : 26 Jul 2024 20:03
Operator : MA/JU
Sample : P3264-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CM5

Manual IntegrationsAPPROVED

Quant Time: Jul 26 23:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



TIC: BN033005.D\data.ms

(15) Phenanthrene

16.958min (-0.030) 0.79 ng/u1 m

response 36688

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	15.67
176.00	19.90	19.16
0.00	0.00	0.00

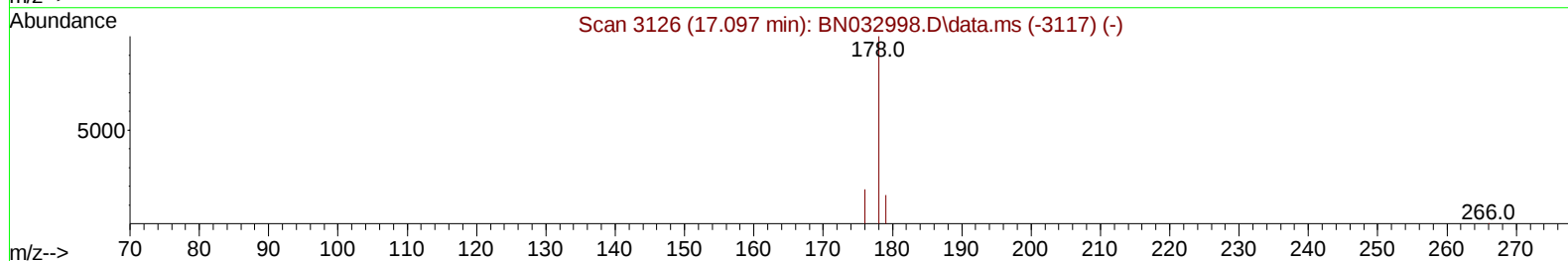
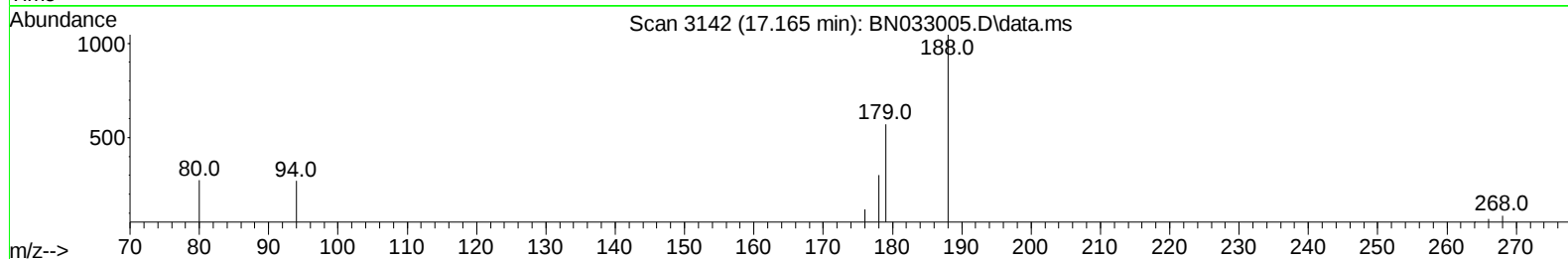
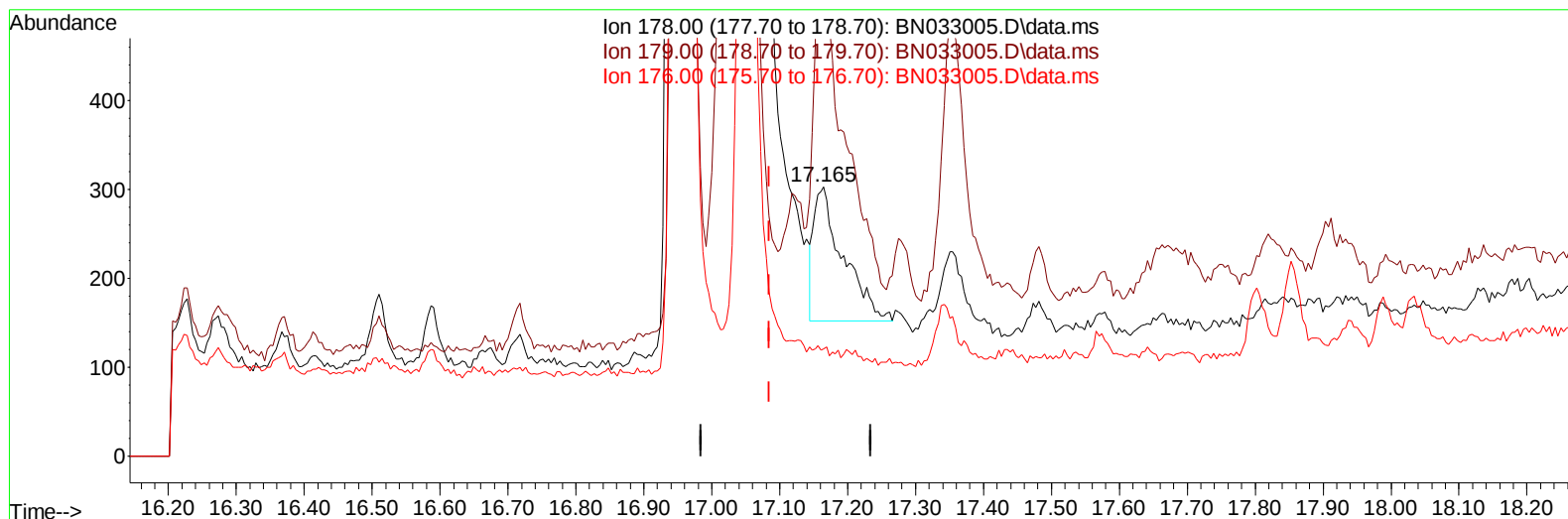
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033005.D
Acq On : 26 Jul 2024 20:03
Operator : MA/JU
Sample : P3264-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CM5

Manual IntegrationsAPPROVED

Quant Time: Jul 26 23:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



TIC: BN033005.D\data.ms

(16) Anthracene

17.165min (+ 0.080) 0.01 ng/u1

response 456

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	188.78#
176.00	19.80	39.93#
0.00	0.00	0.00

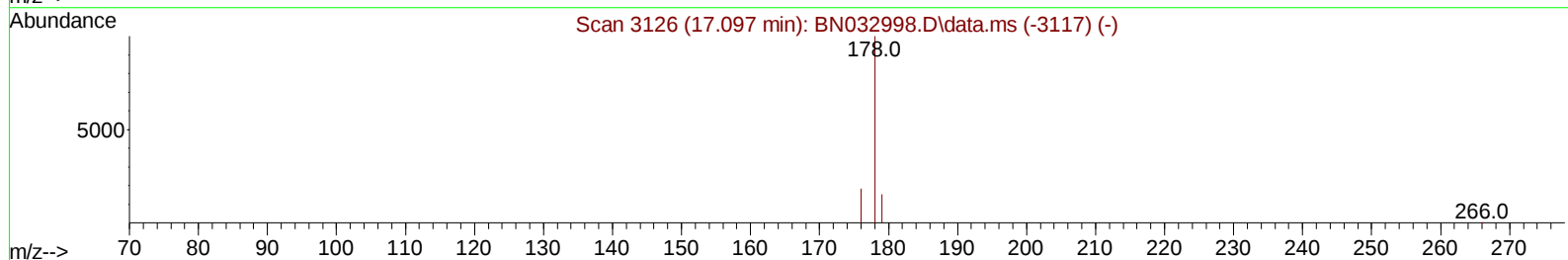
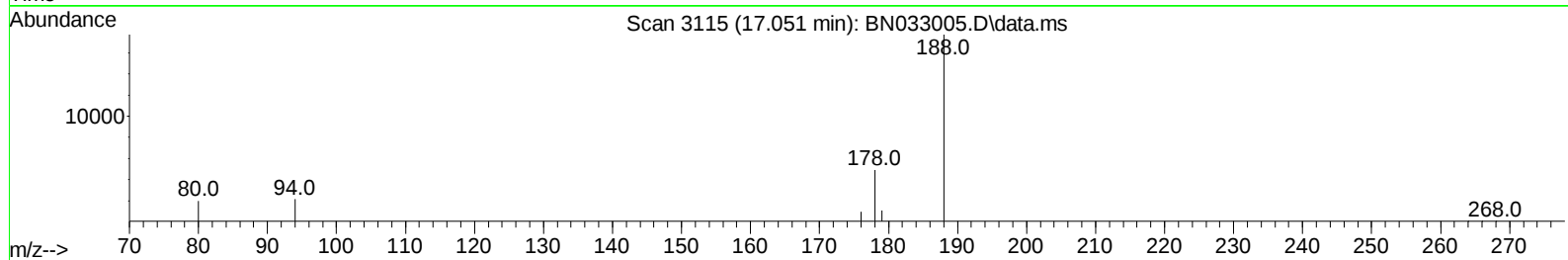
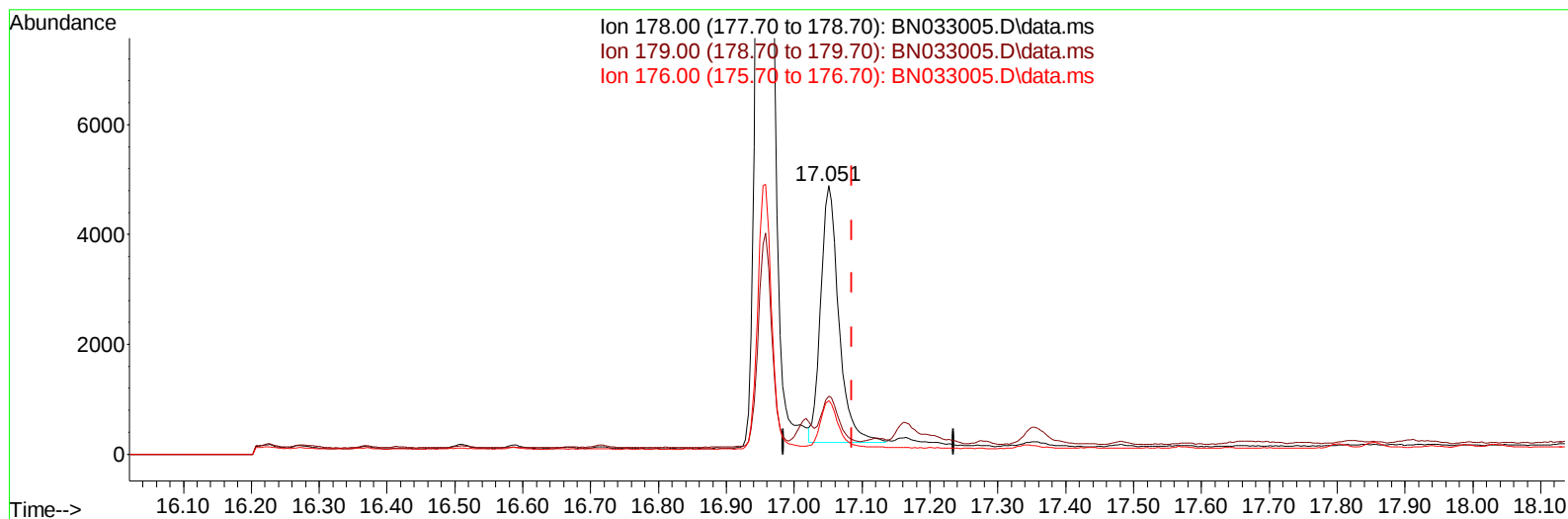
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033005.D
Acq On : 26 Jul 2024 20:03
Operator : MA/JU
Sample : P3264-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CM5

Manual IntegrationsAPPROVED

Quant Time: Jul 26 23:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



TIC: BN033005.D\data.ms

(16) Anthracene

17.051min (-0.034) 0.21 ng/ul m

response 8726

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	21.64#
176.00	19.80	19.91
0.00	0.00	0.00

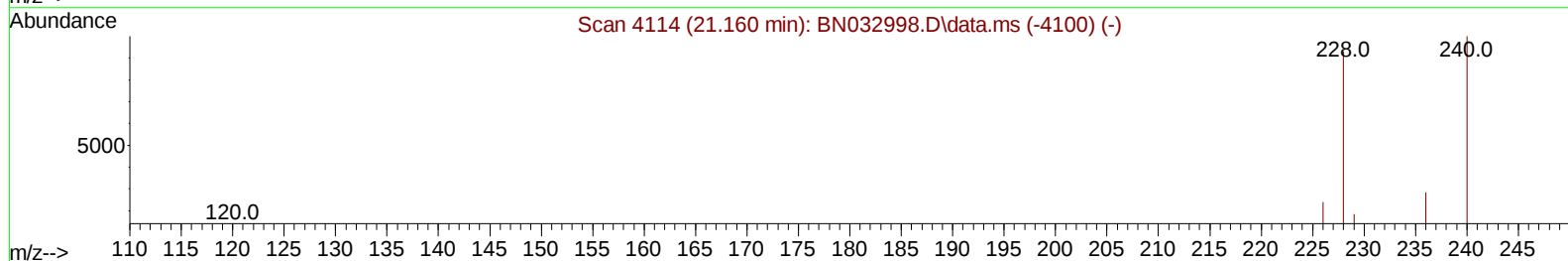
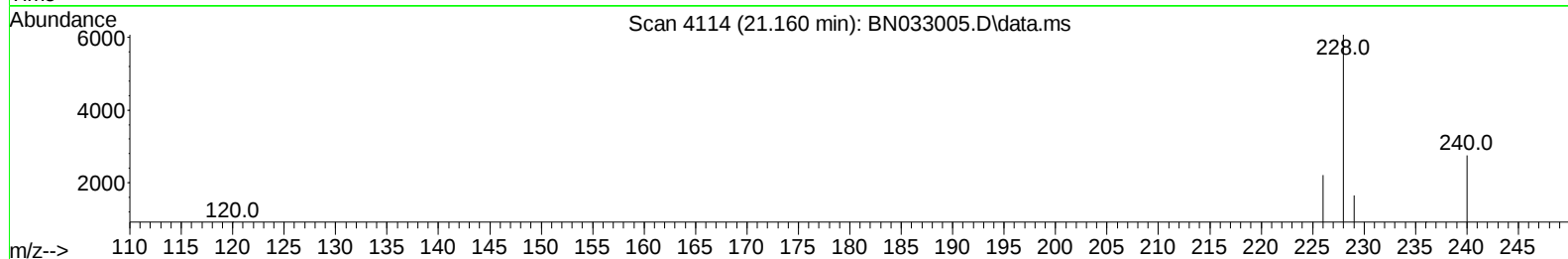
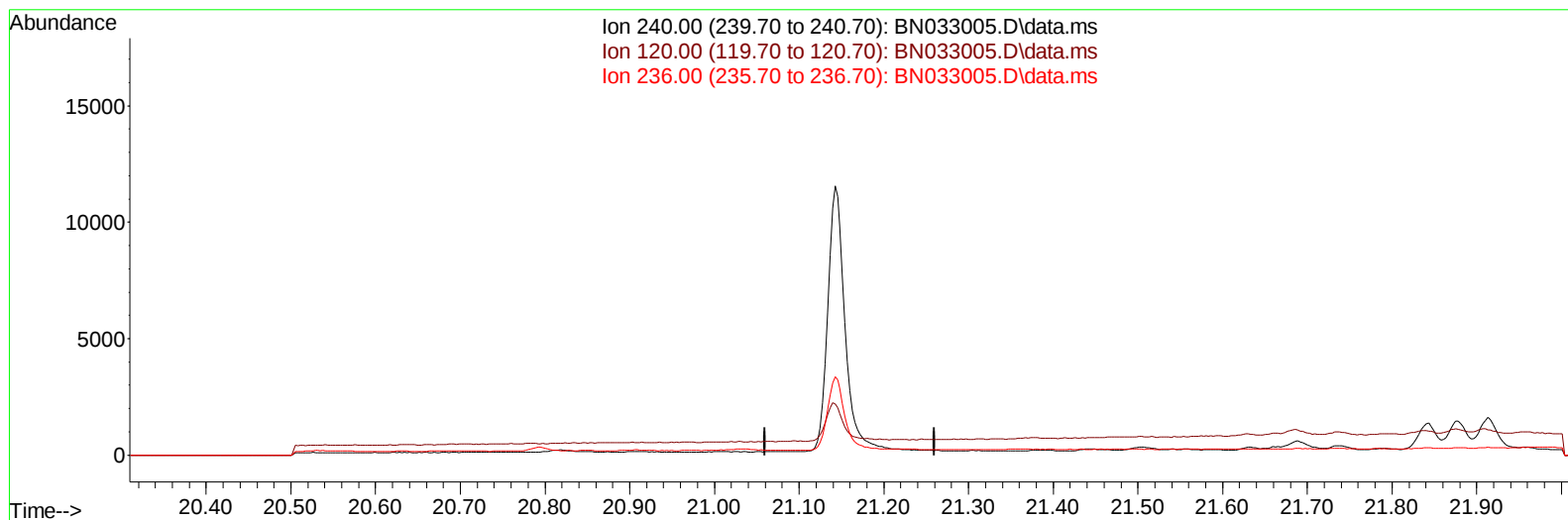
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033005.D
Acq On : 26 Jul 2024 20:03
Operator : MA/JU
Sample : P3264-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CM5

Manual IntegrationsAPPROVED

Quant Time: Jul 26 23:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



TIC: BN033005.D\data.ms

(17) Chrysene-d12

21.160min (-21.160) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	21.40	0.00#
236.00	29.50	0.00#
0.00	0.00	0.00

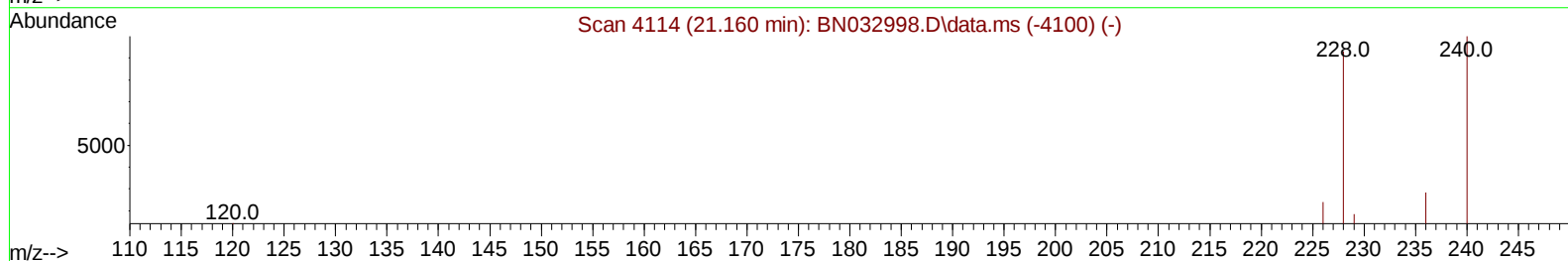
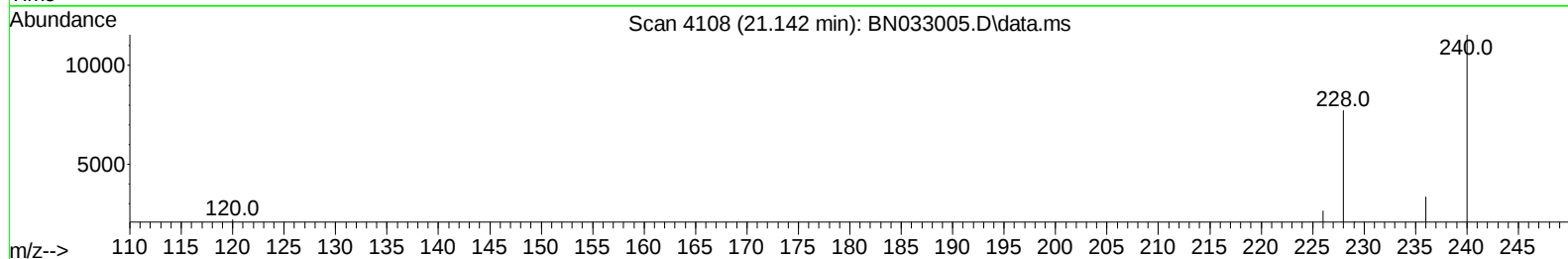
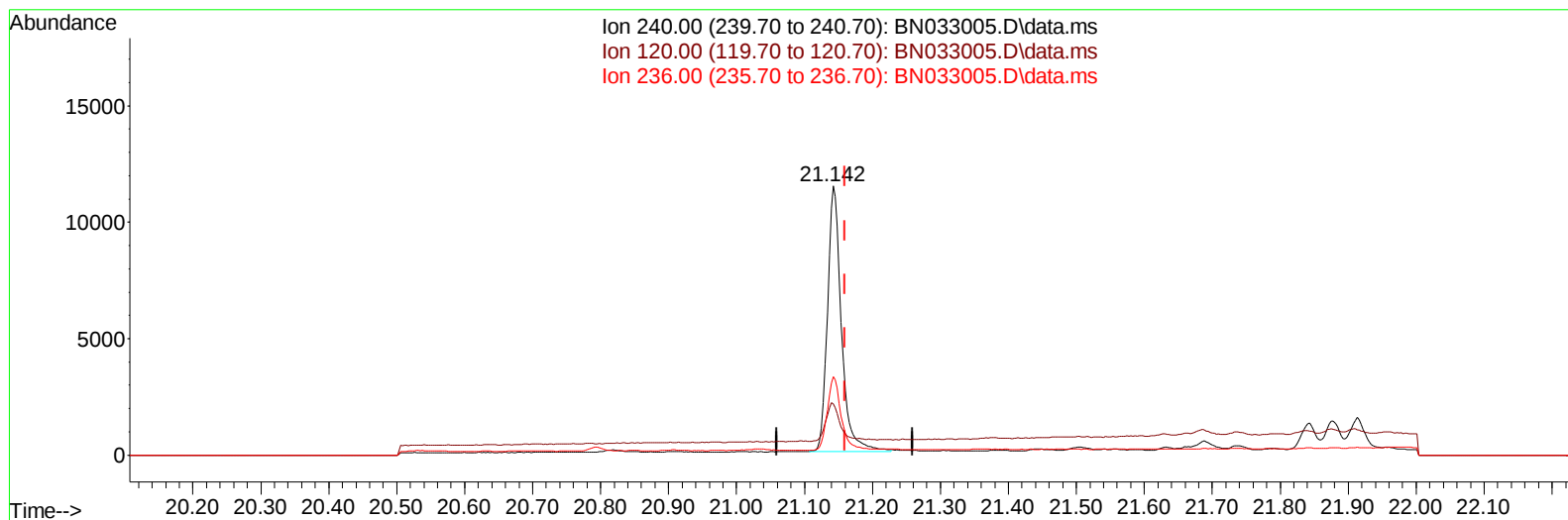
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033005.D
Acq On : 26 Jul 2024 20:03
Operator : MA/JU
Sample : P3264-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CM5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024

Quant Time: Jul 26 23:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration



TIC: BN033005.D\data.ms

(17) Chrysene-d12

21.142min (-0.018) 0.40 ng/ul m

response 16384

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	19.05
236.00	29.50	29.11
0.00	0.00	0.00

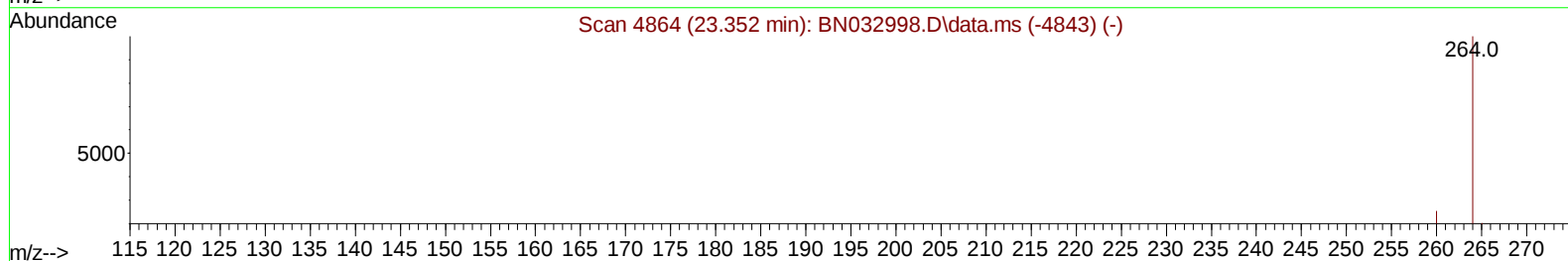
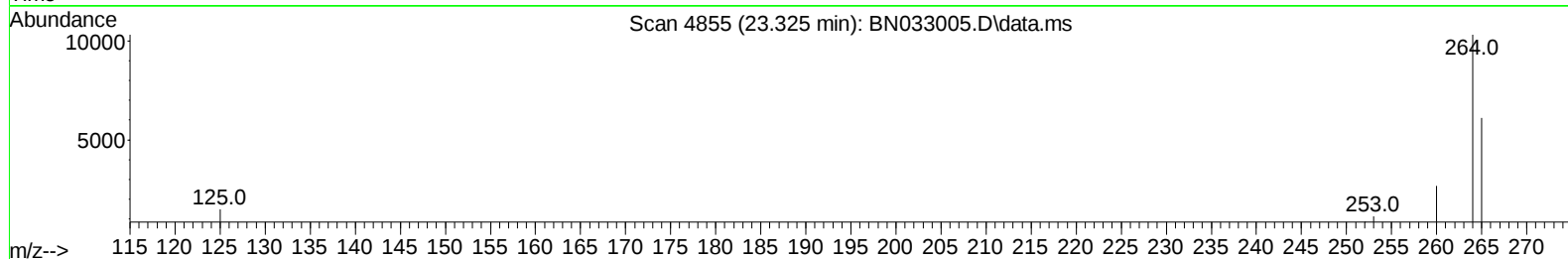
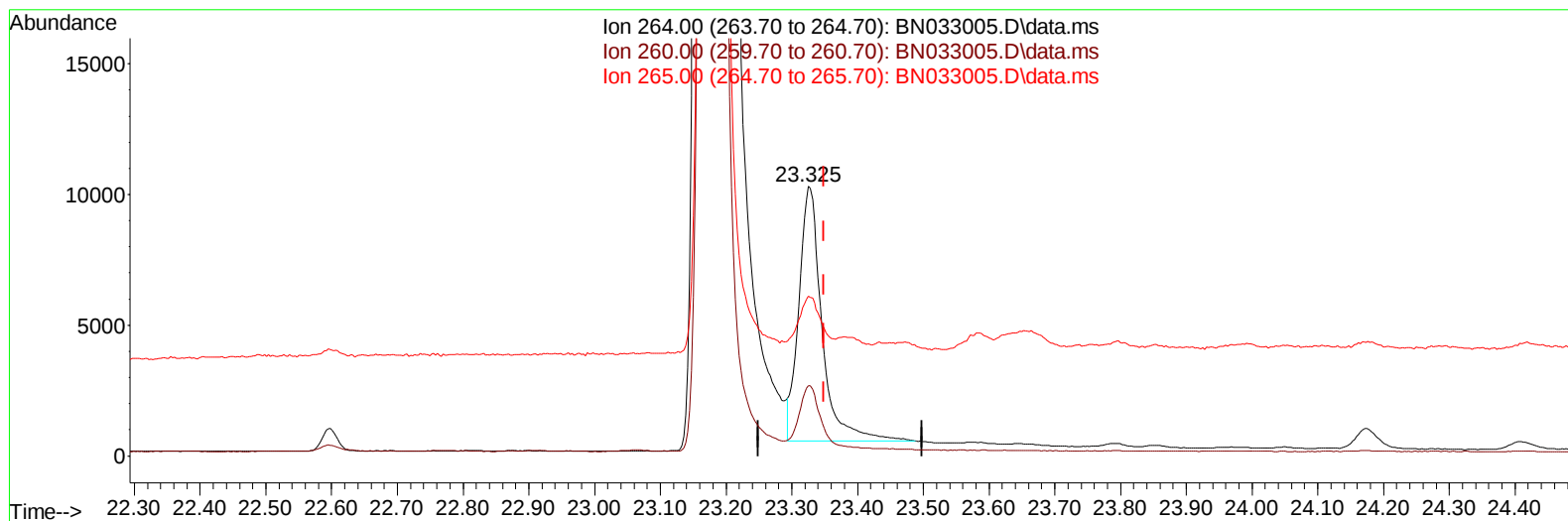
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033005.D
Acq On : 26 Jul 2024 20:03
Operator : MA/JU
Sample : P3264-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CM5

Manual IntegrationsAPPROVED

Quant Time: Jul 26 23:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



TIC: BN033005.D\data.ms

(23) Perylene-d12 (I)

23.325min (-0.023) 0.40 ng/u1

response 23559

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.14
265.00	80.60	59.30#
0.00	0.00	0.00

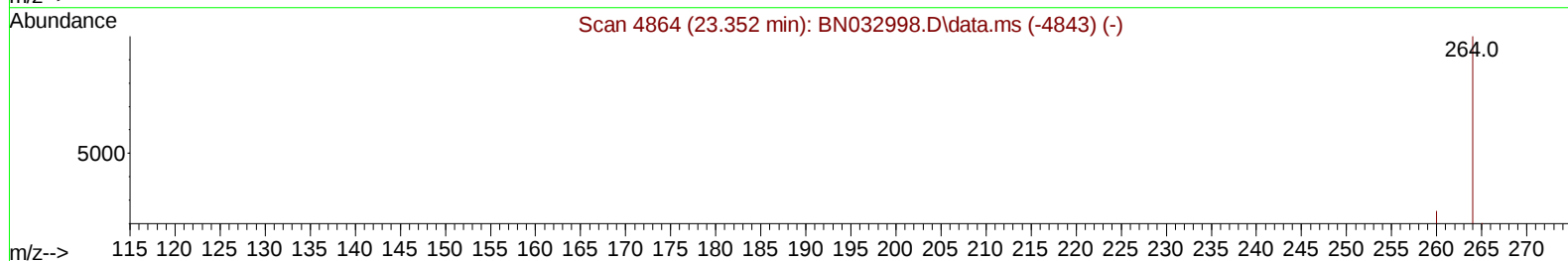
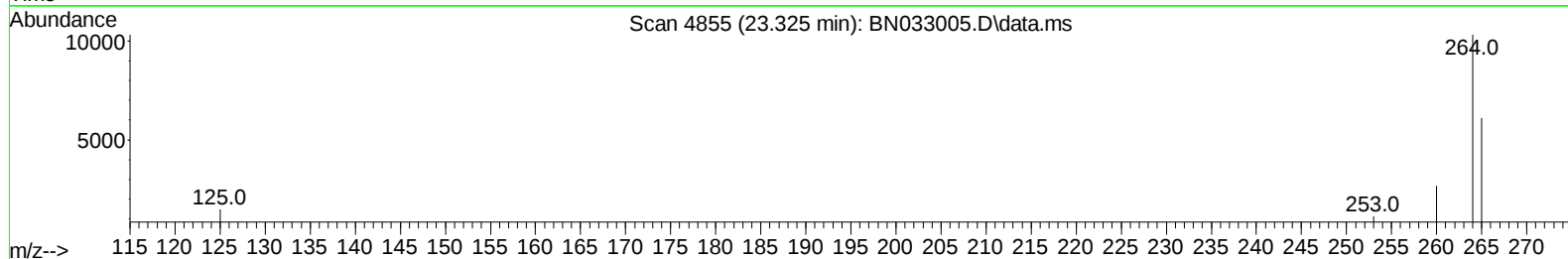
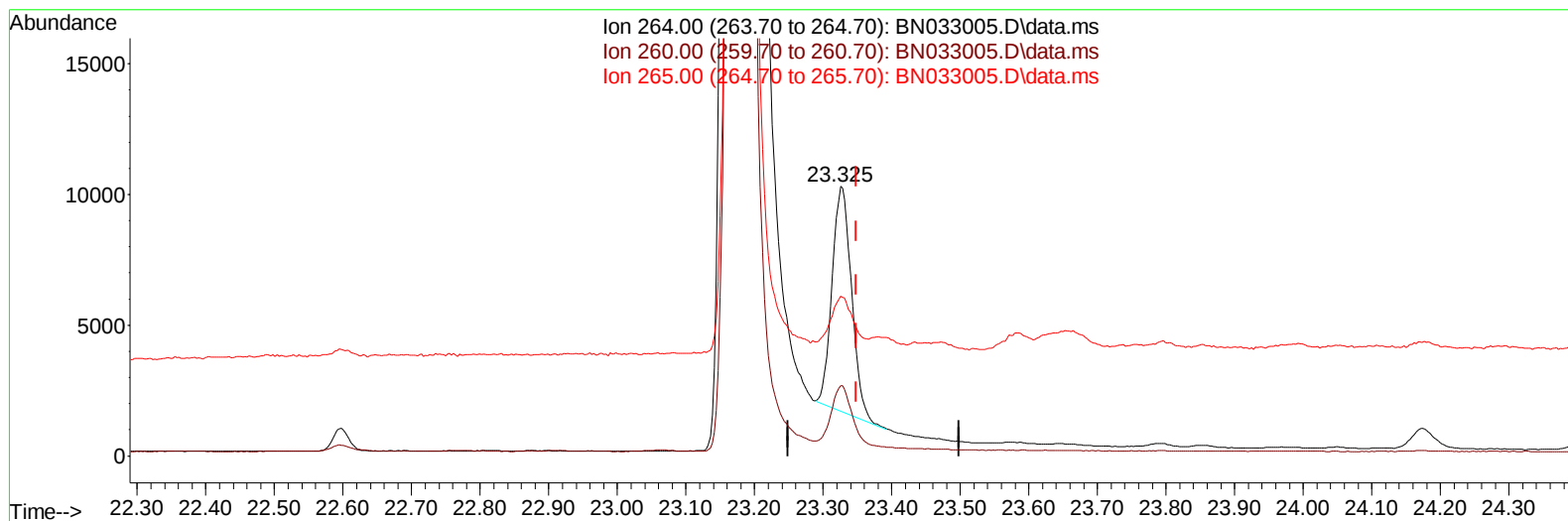
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033005.D
Acq On : 26 Jul 2024 20:03
Operator : MA/JU
Sample : P3264-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CM5

Manual IntegrationsAPPROVED

Quant Time: Jul 26 23:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



TIC: BN033005.D\data.ms

(23) Perylene-d12 (I)

23.325min (-0.023) 0.40 ng/ul m

response 16883

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	26.14
265.00	80.60	59.30#
0.00	0.00	0.00

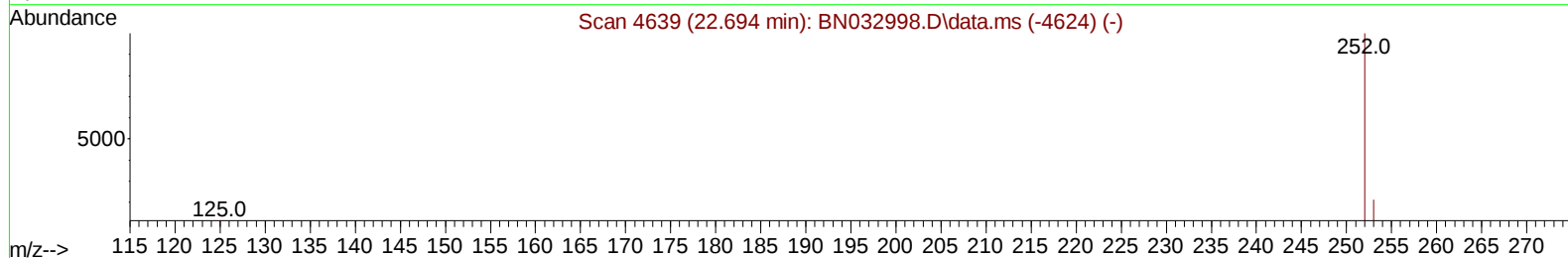
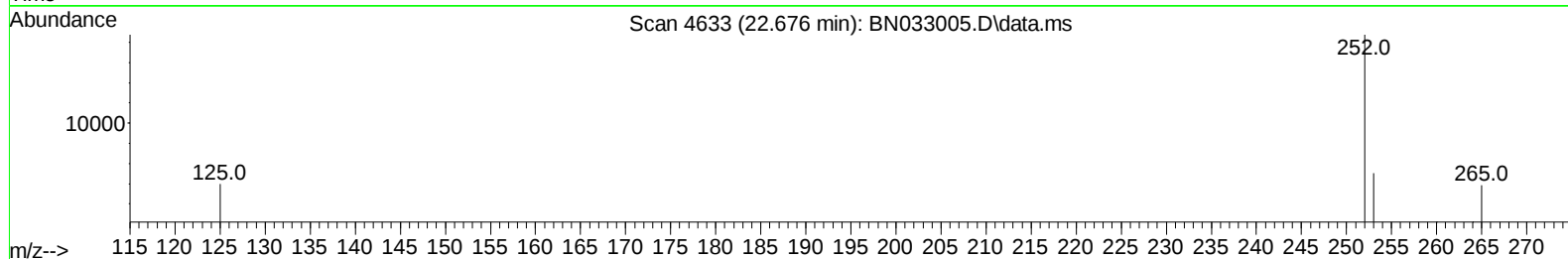
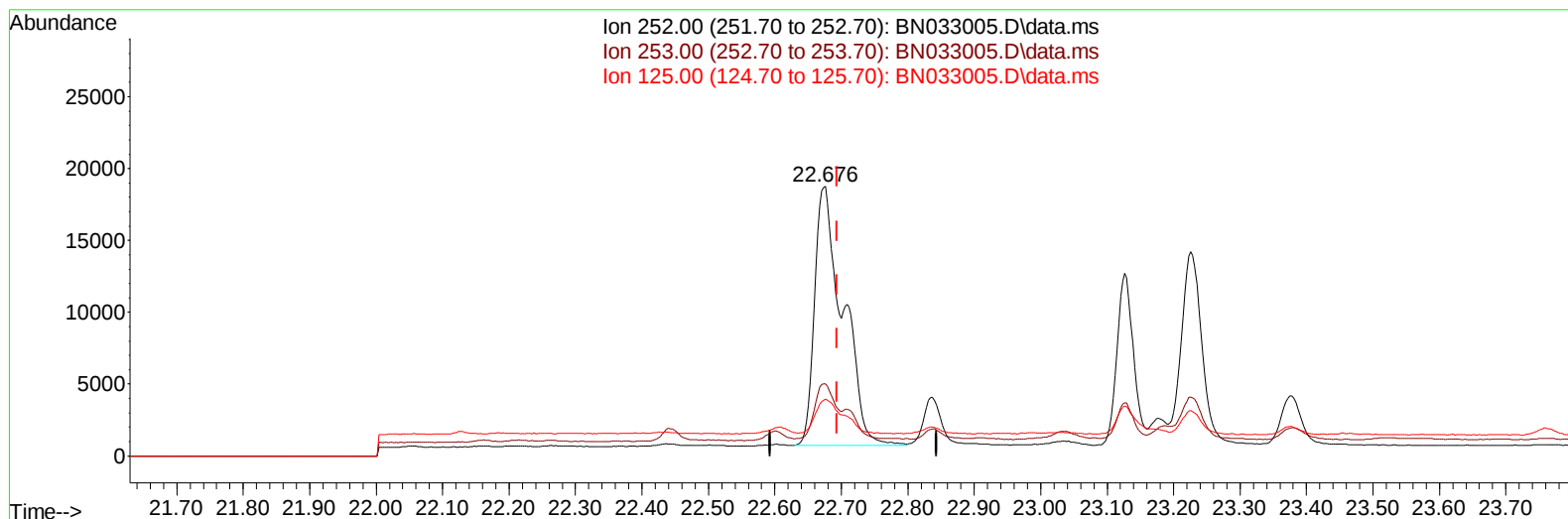
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033005.D
Acq On : 26 Jul 2024 20:03
Operator : MA/JU
Sample : P3264-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CM5

Manual IntegrationsAPPROVED

Quant Time: Jul 26 23:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



TIC: BN033005.D\data.ms

(24) Benzo(b)fluoranthene

22.676min (-0.018) 1.09 ng/u1

response 53807

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	26.78
125.00	25.50	21.10
0.00	0.00	0.00

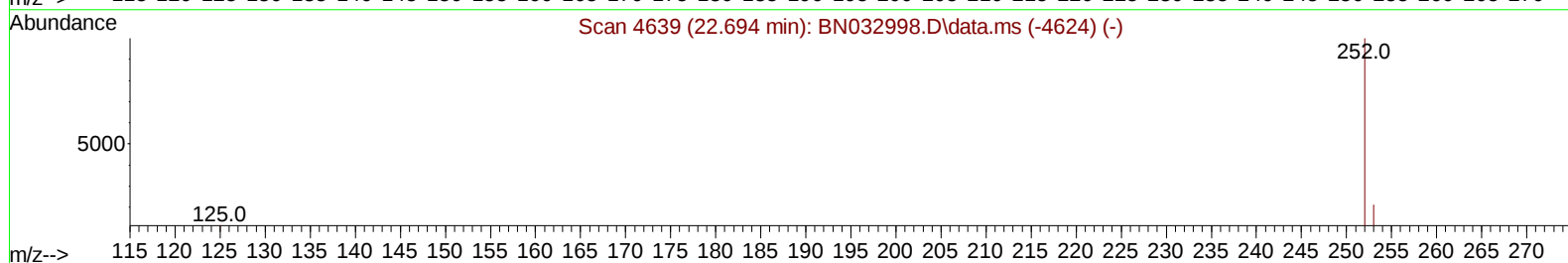
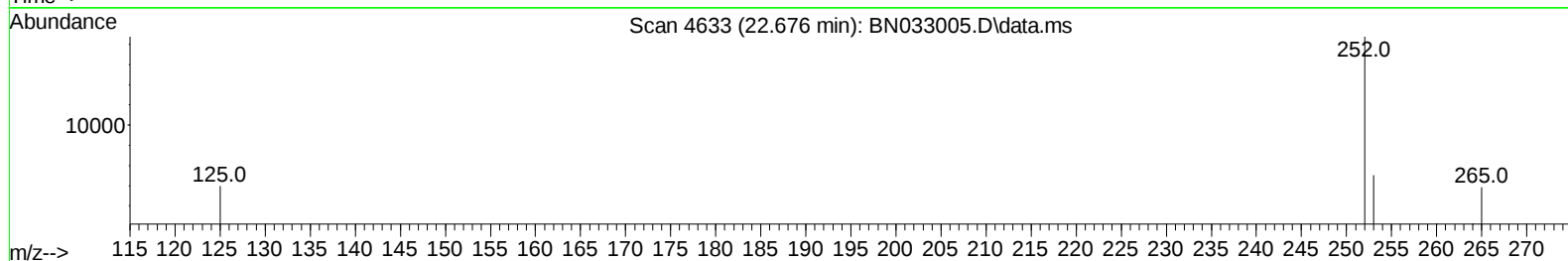
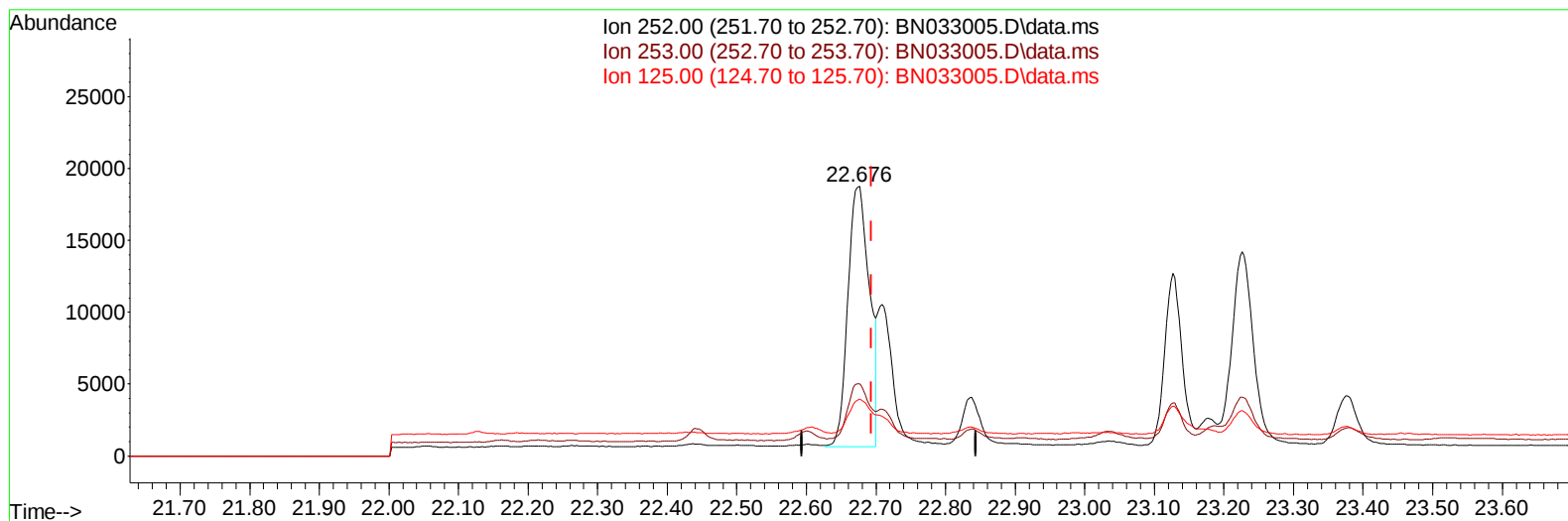
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033005.D
Acq On : 26 Jul 2024 20:03
Operator : MA/JU
Sample : P3264-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CM5

Manual IntegrationsAPPROVED

Quant Time: Jul 26 23:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



TIC: BN033005.D\data.ms

(24) Benzo(b)fluoranthene

22.676min (-0.018) 0.79 ng/u1 m

response 39108

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	26.78
125.00	25.50	21.10
0.00	0.00	0.00

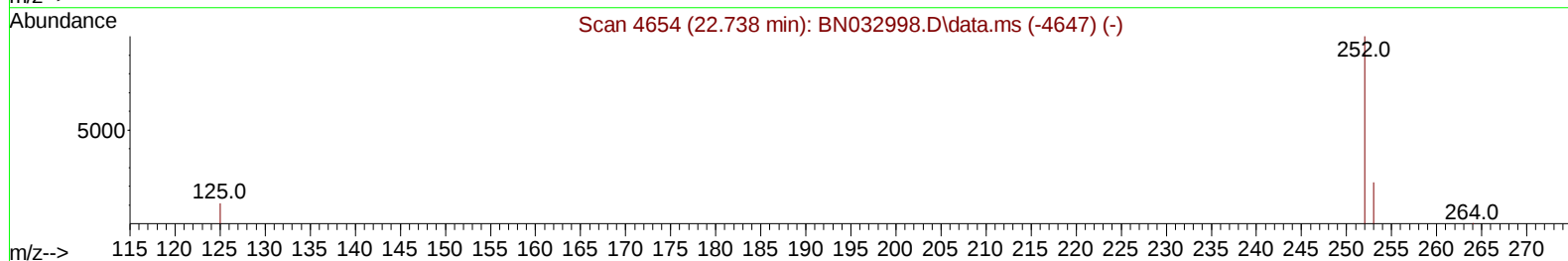
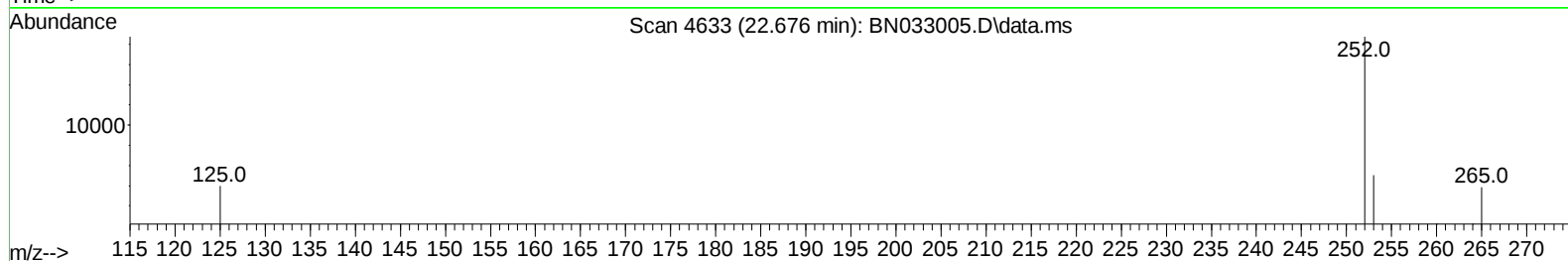
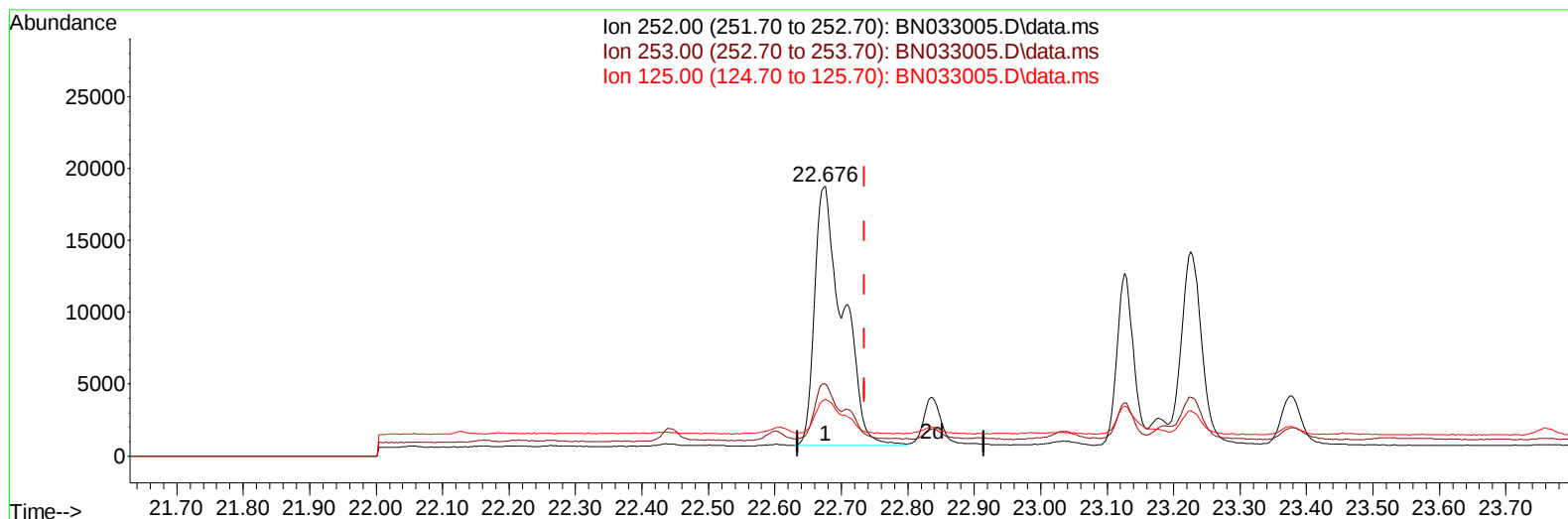
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033005.D
Acq On : 26 Jul 2024 20:03
Operator : MA/JU
Sample : P3264-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CM5

Manual IntegrationsAPPROVED

Quant Time: Jul 26 23:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024



TIC: BN033005.D\data.ms

(25) Benzo(k)fluoranthene

22.676min (-0.058) 0.91 ng/u1

response 53807

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	26.78
125.00	26.10	21.10
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033005.D
 Acq On : 26 Jul 2024 20:03
 Operator : MA/JU
 Sample : P3264-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CM5

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Jul 26 23:33:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.507	152	3780	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.267	136	13241	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.152	164	7905	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.916	188	17375m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.142	240	16384m	0.400	ng/ul	-0.02
23) Perylene-d12	23.325	264	16883m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	14114	2.952	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.890	152	3684	0.171	ng/ul	-0.02
18) Fluoranthene-d10	18.963	212	9571	0.206	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.317	128	996	0.029	ng/ul#	77
10) Acenaphthylene	13.875	152	2479	0.077	ng/ul#	91
11) Acenaphthene	14.217	153	1811	0.074	ng/ul	98
12) Fluorene	15.216	166	2469	0.087	ng/ul	99
15) Phenanthrene	16.958	178	36688m	0.787	ng/ul	
16) Anthracene	17.051	178	8726m	0.208	ng/ul	
19) Fluoranthene	18.991	202	60036	1.113	ng/ul	99
20) Pyrene	19.358	202	56567	0.978	ng/ul	97
21) Benzo(a)anthracene	21.128	228	31312	0.560	ng/ul	98
22) Chrysene	21.180	228	27628	0.424	ng/ul	99
24) Benzo(b)fluoranthene	22.676	252	39108m	0.793	ng/ul	
25) Benzo(k)fluoranthene	22.709	252	14608m	0.247	ng/ul	
26) Benzo(a)pyrene	23.226	252	28560	0.615	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.534	276	18692	0.265	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.527	278	4495	0.080	ng/ul#	61
29) Benzo(g,h,i)perylene	26.208	276	18817	0.336	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
Data File : BN033005.D
Acq On : 26 Jul 2024 20:03
Operator : MA/JU
Sample : P3264-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CM5

Manual IntegrationsAPPROVED

Quant Time: Jul 26 23:33:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 08/13/2024

