

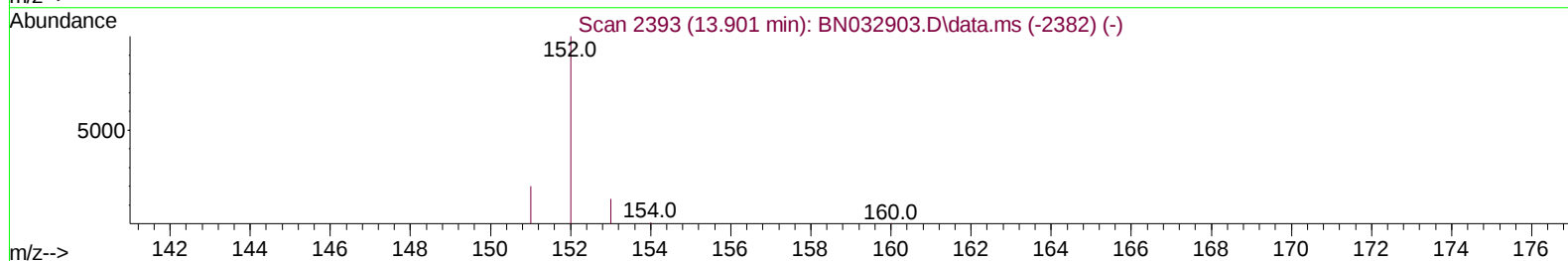
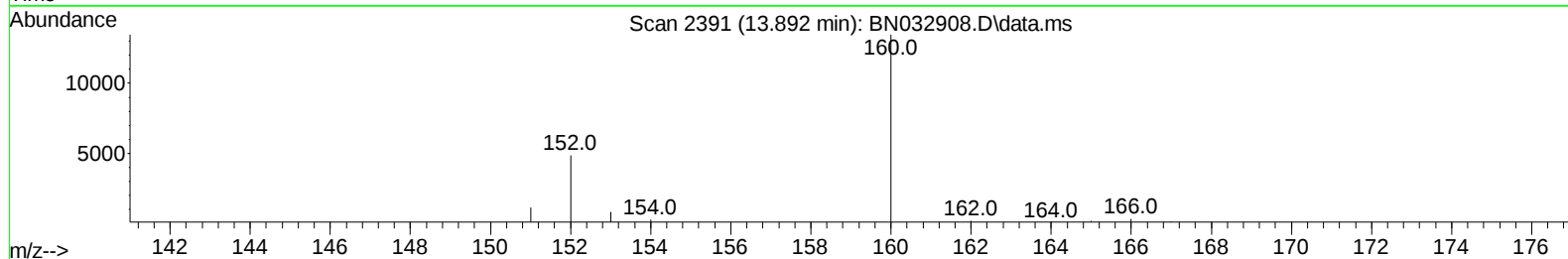
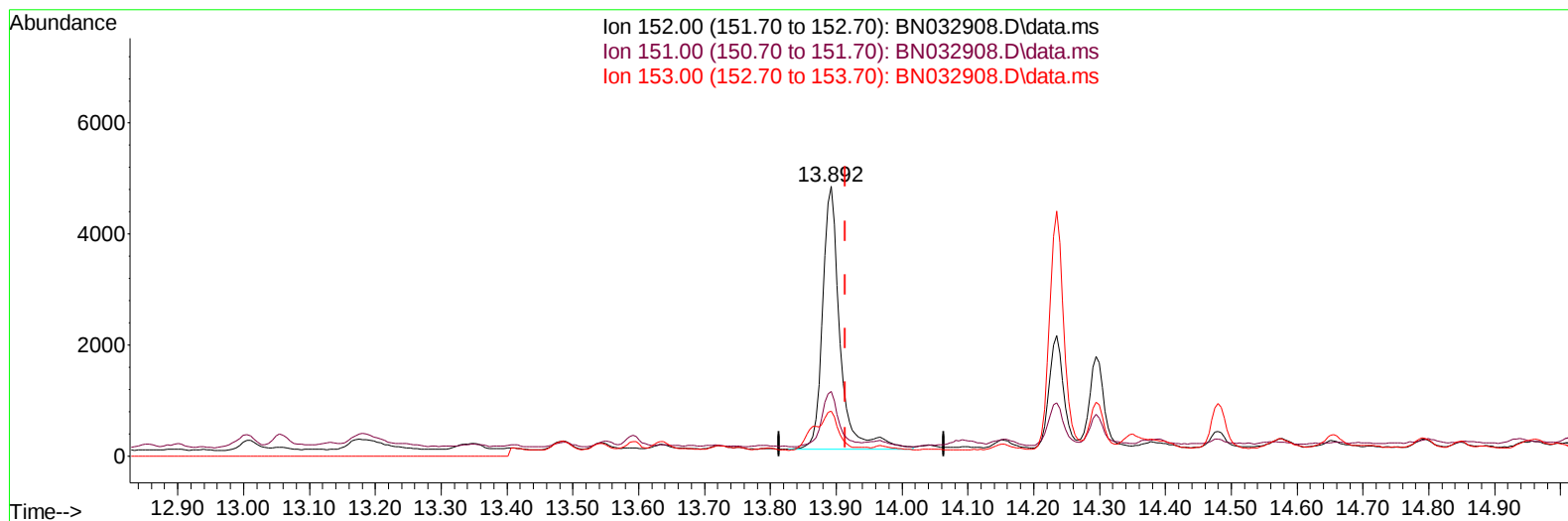
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032908.D
Acq On : 23 Jul 2024 13:30
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 13:56:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032908.D\data.ms

(10) Acenaphthylene

13.892min (-0.022) 0.23 ng/u1

response 8808

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.40	23.90
153.00	14.10	16.59
0.00	0.00	0.00

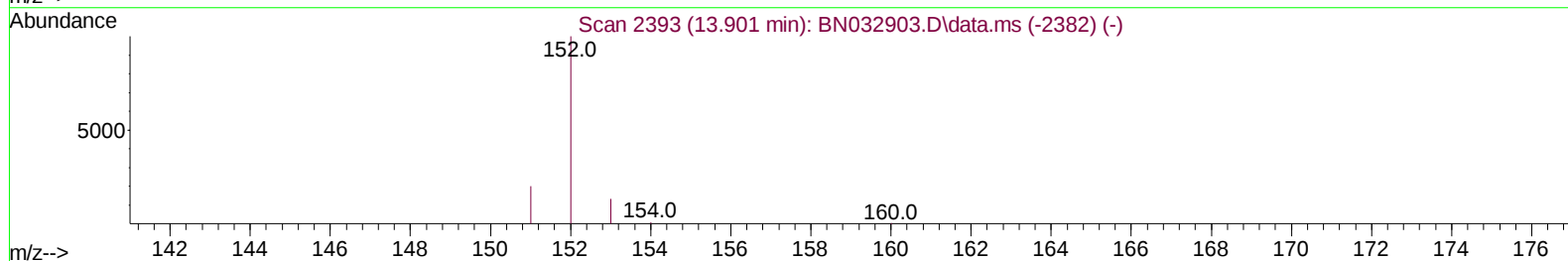
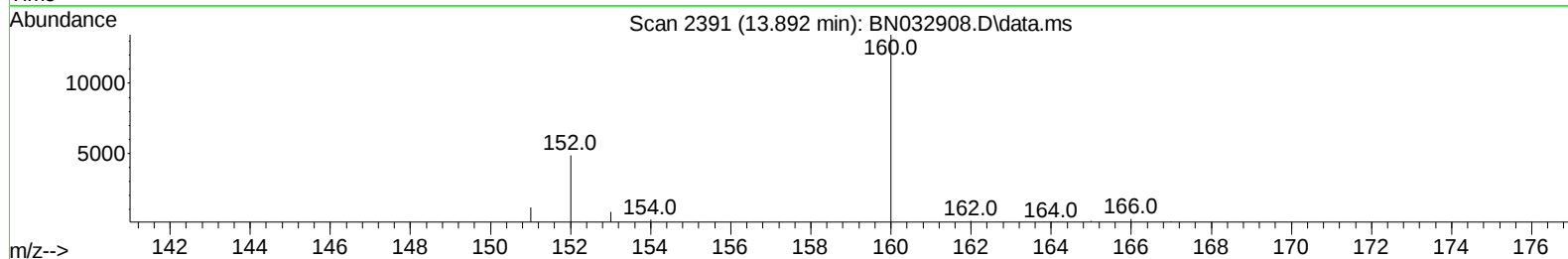
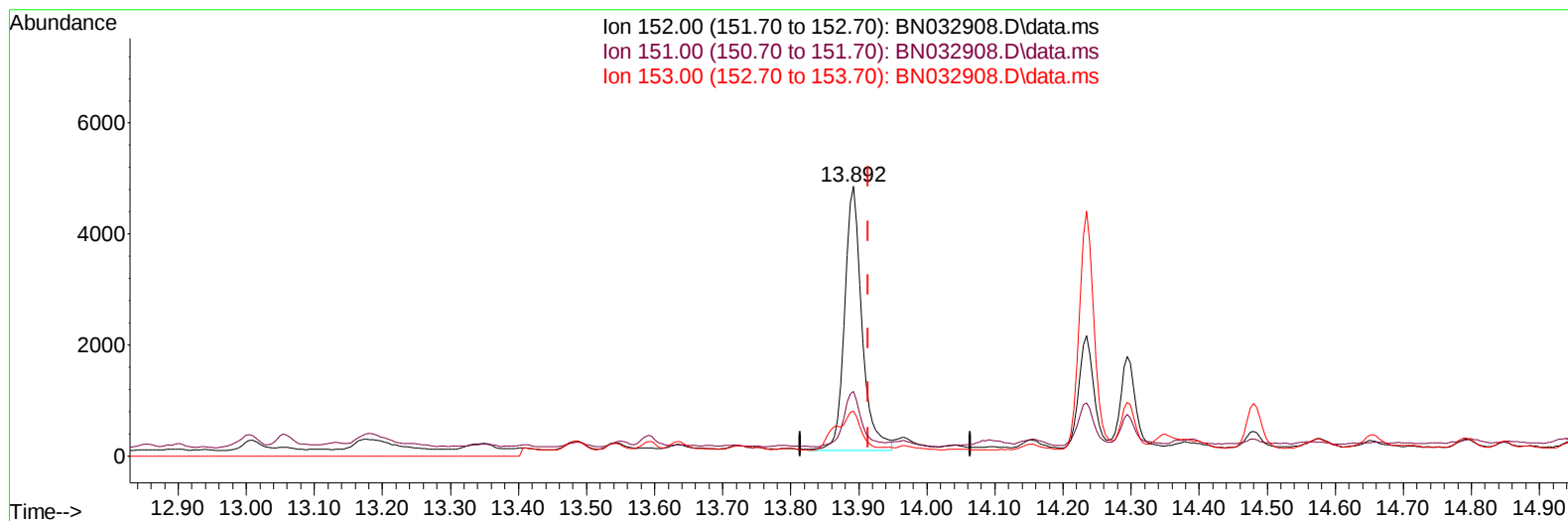
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032908.D
Acq On : 23 Jul 2024 13:30
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 13:56:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032908.D\data.ms

(10) Acenaphthylene

13.892min (-0.022) 0.22 ng/ul m

response 8415

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.40	23.90
153.00	14.10	16.59
0.00	0.00	0.00

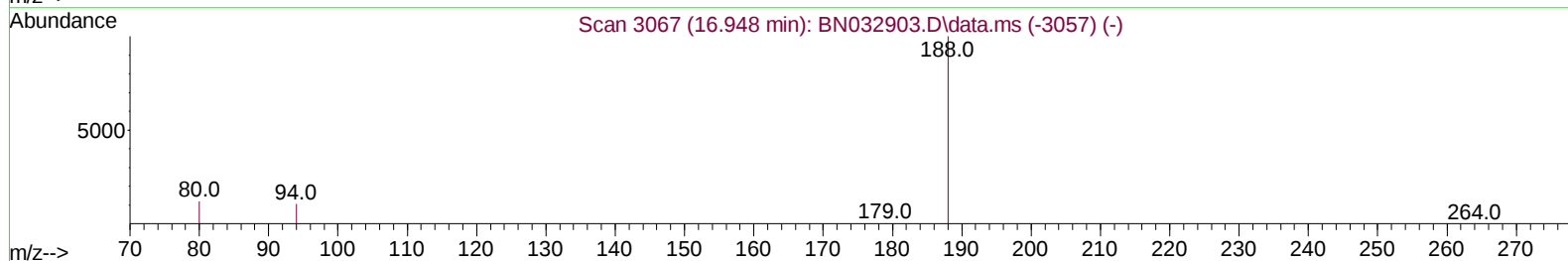
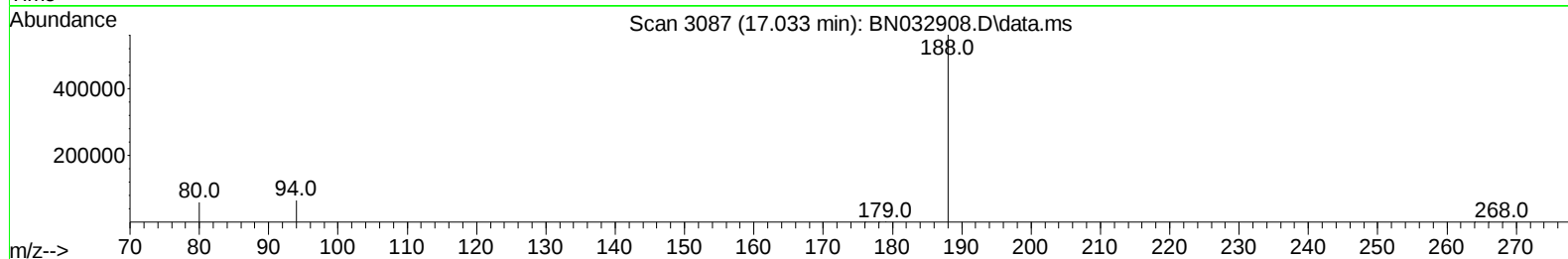
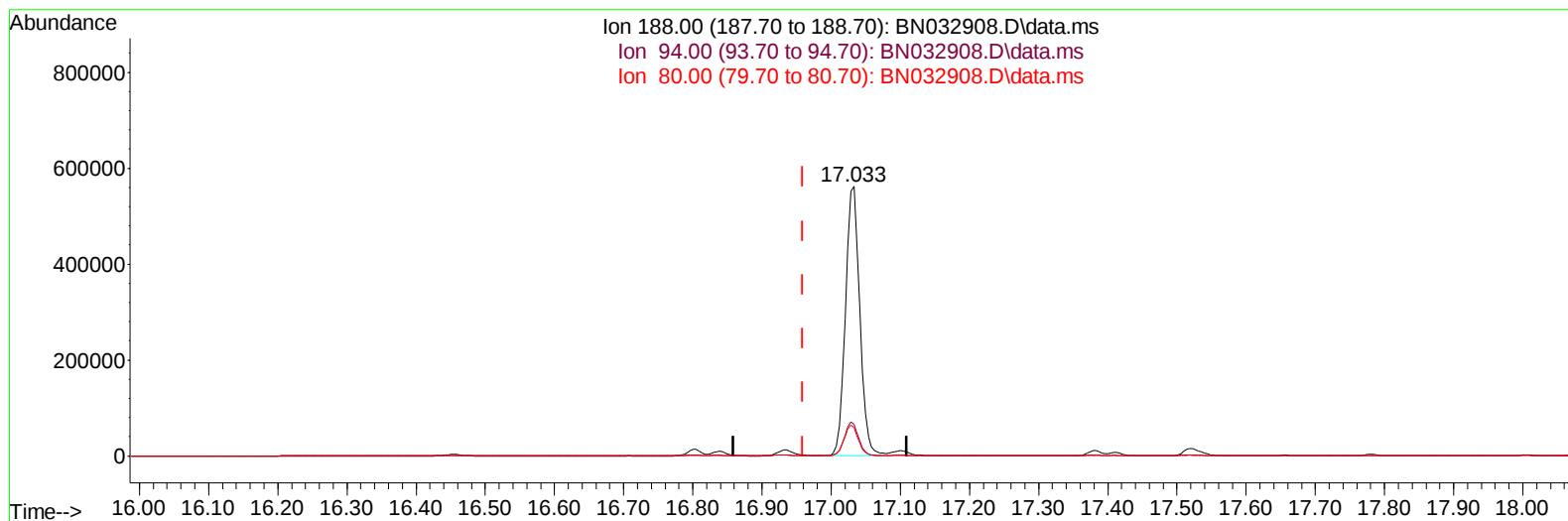
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032908.D
Acq On : 23 Jul 2024 13:30
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 13:56:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032908.D\data.ms

(13) Phenanthrene-d10 (I)

17.033min (+ 0.073) 0.40 ng/u1

response 806420

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.71
80.00	12.00	10.49
0.00	0.00	0.00

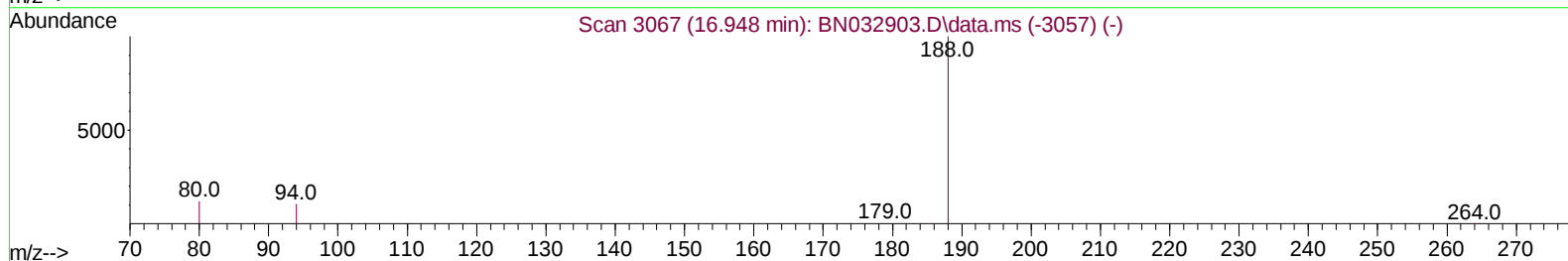
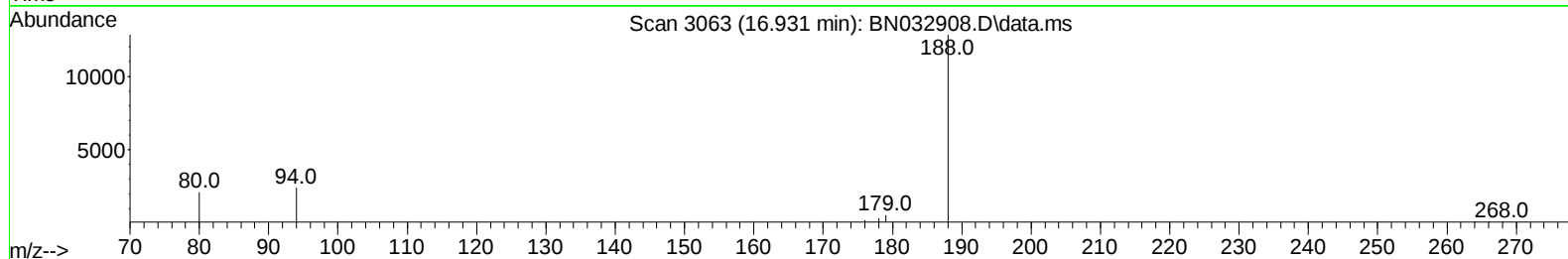
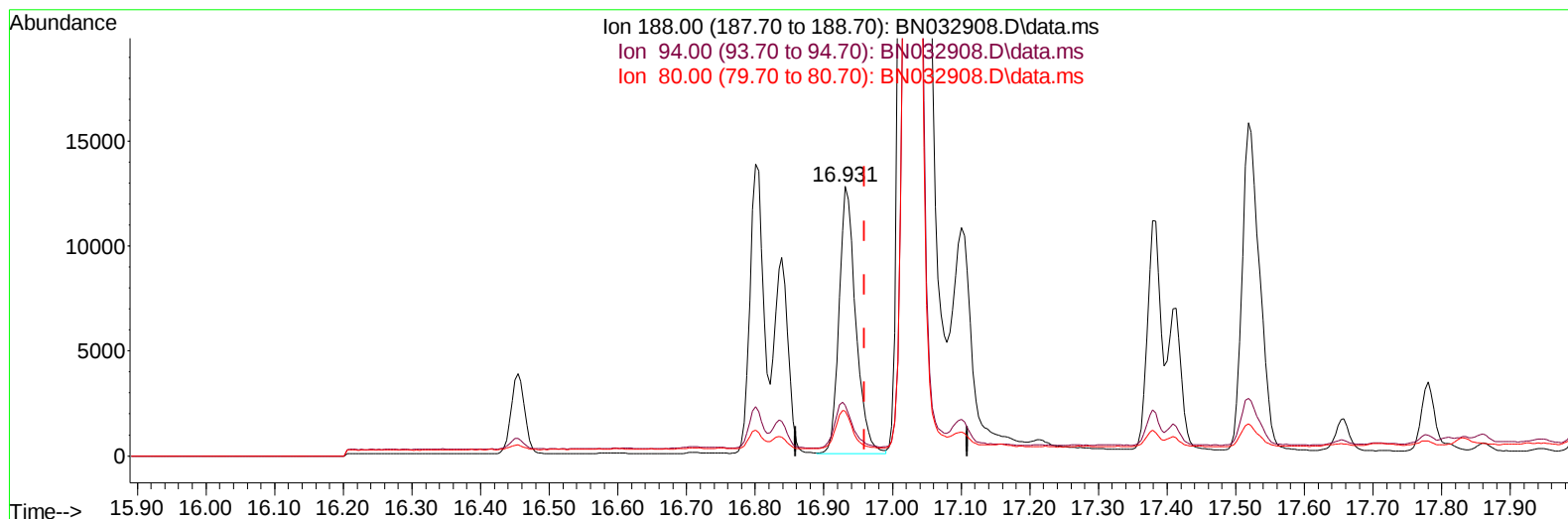
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032908.D
Acq On : 23 Jul 2024 13:30
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 13:56:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032908.D\data.ms

(13) Phenanthrene-d10 (I)

16.931min (-0.028) 0.40 ng/u1 m

response 21400

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	18.74#
80.00	12.00	16.59#
0.00	0.00	0.00

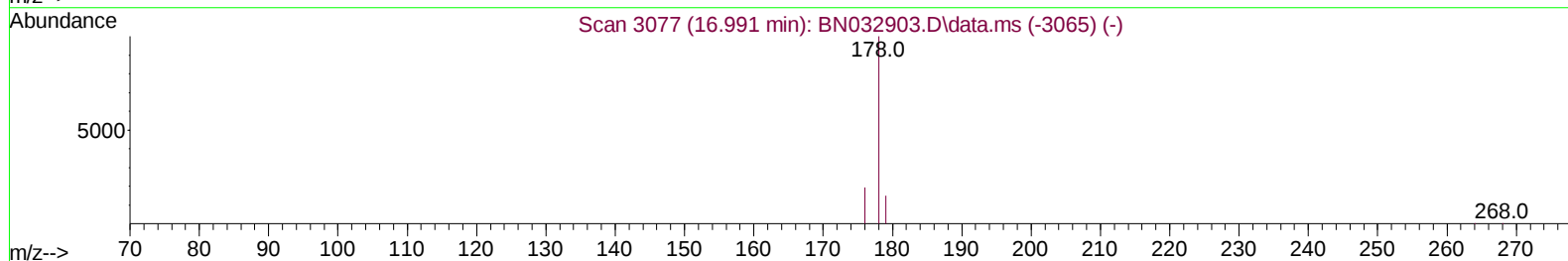
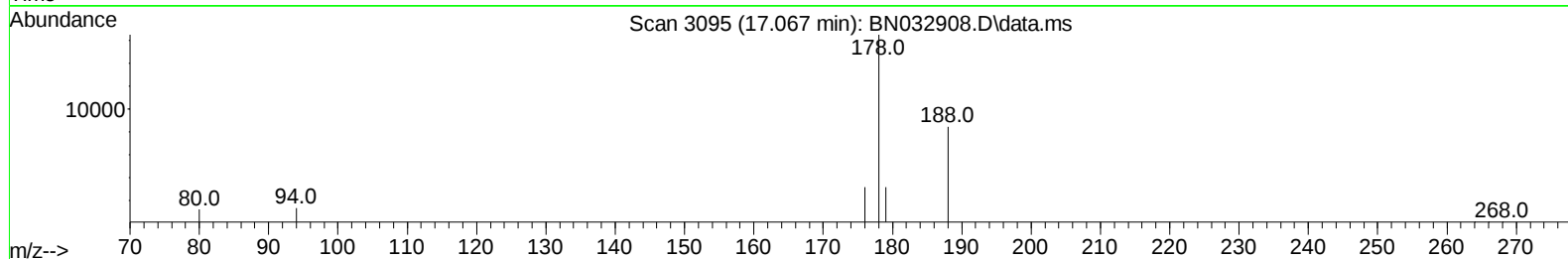
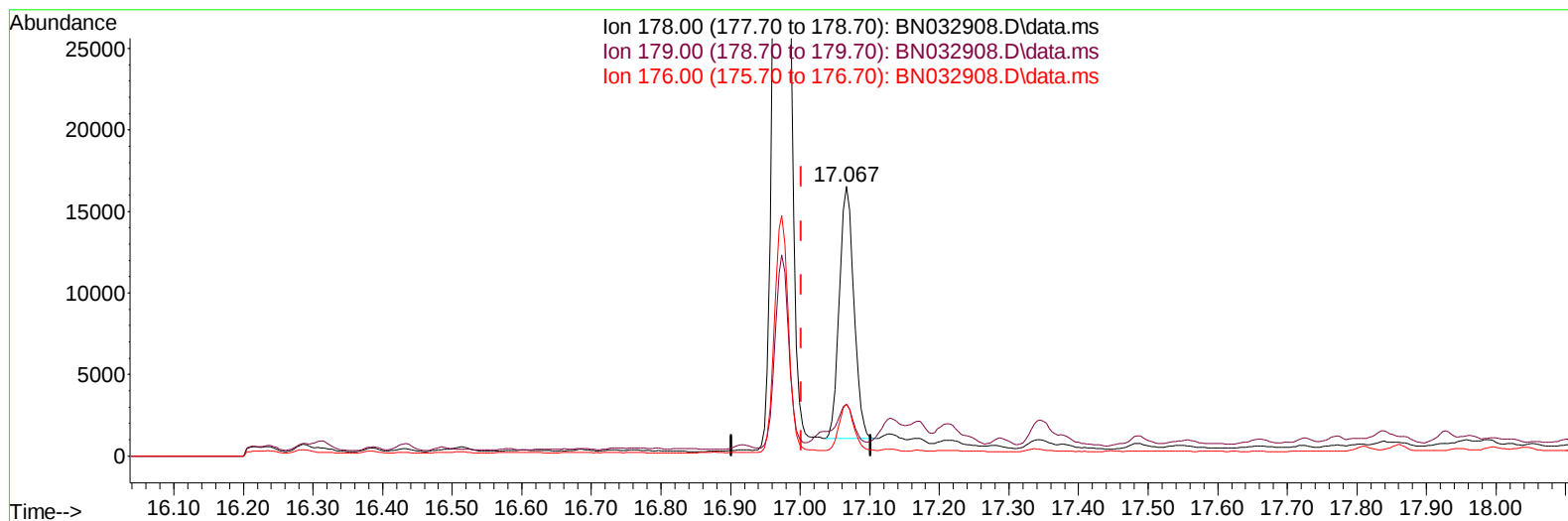
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032908.D
Acq On : 23 Jul 2024 13:30
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 13:56:42 2024
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QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032908.D\data.ms

(15) Phenanthrene

17.067min (+ 0.065) 0.38 ng/u1

response 22426

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	19.13
176.00	19.50	19.16
0.00	0.00	0.00

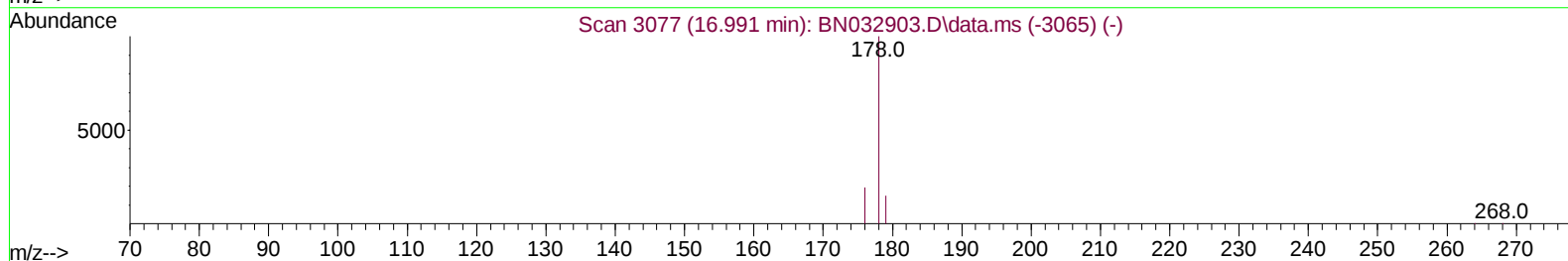
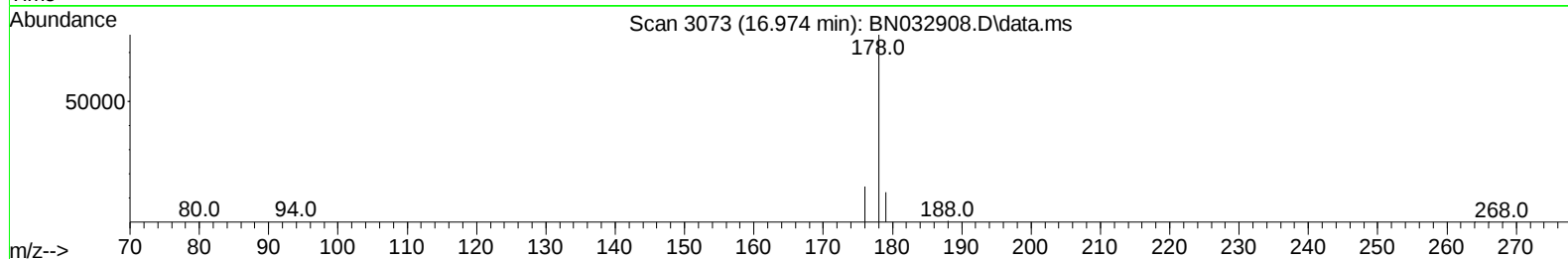
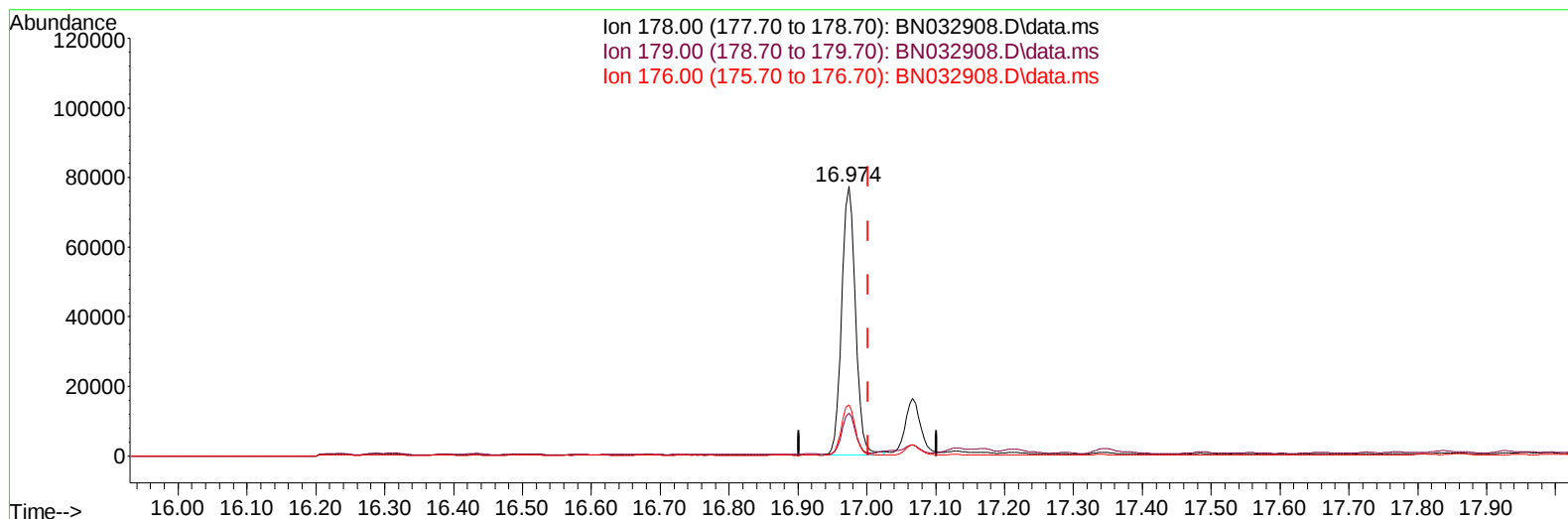
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032908.D
Acq On : 23 Jul 2024 13:30
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 13:56:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032908.D\data.ms

(15) Phenanthrene

16.974min (-0.028) 1.84 ng/ul m

response 107161

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.91
176.00	19.50	19.04
0.00	0.00	0.00

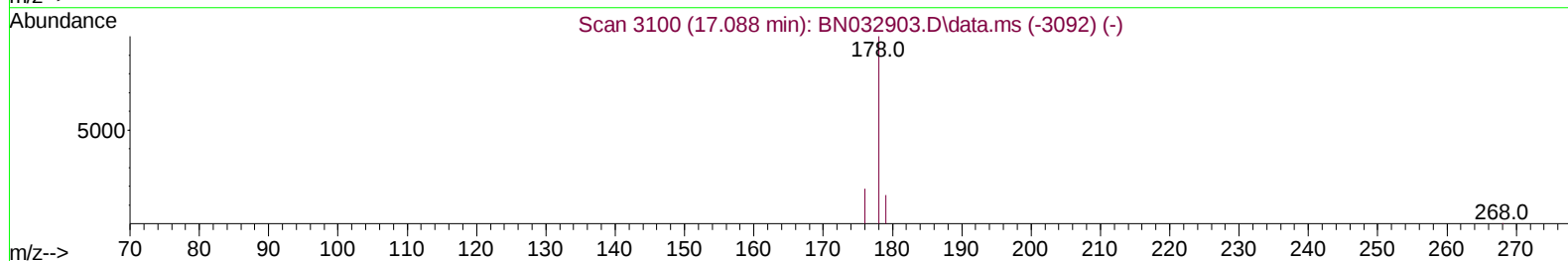
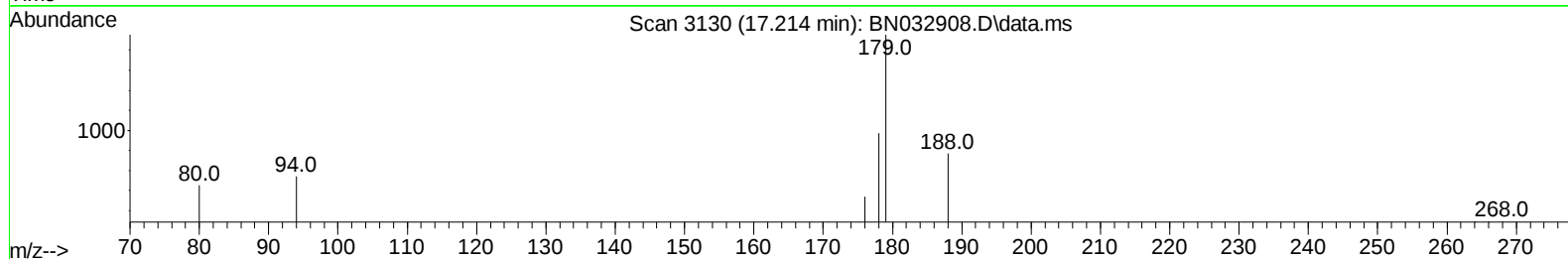
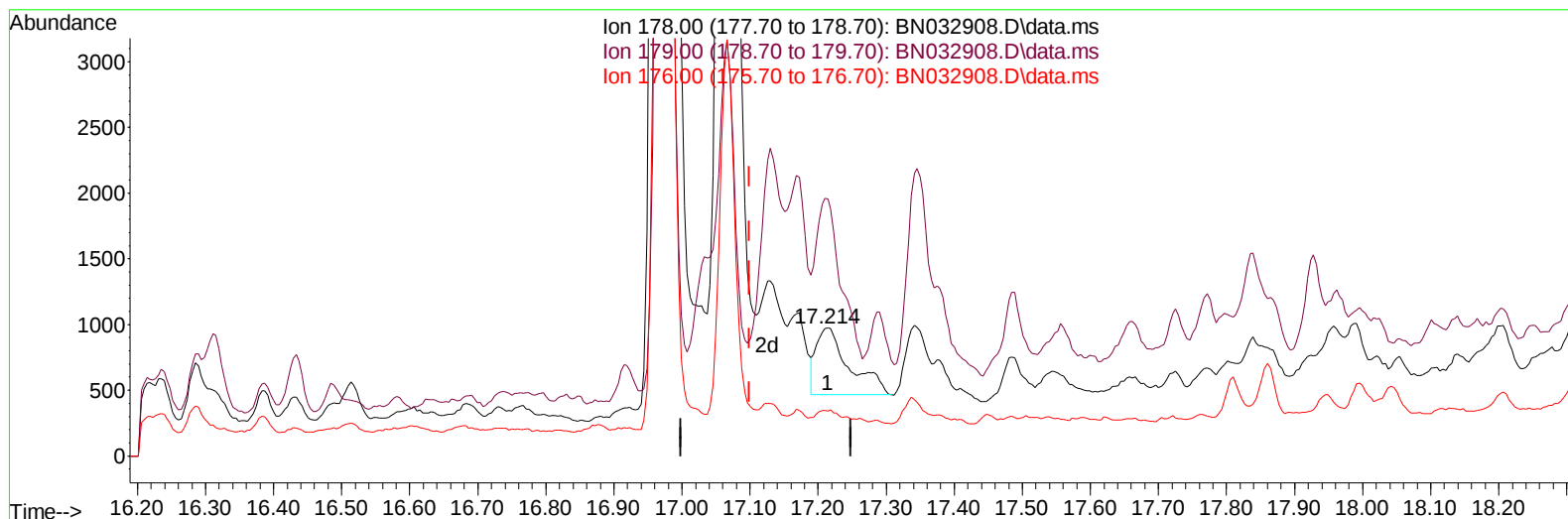
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Data File : BN032908.D
Acq On : 23 Jul 2024 13:30
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 13:56:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032908.D\data.ms

(16) Anthracene

17.214min (+ 0.115) 0.04 ng/u1

response 1726

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	200.92#
176.00	19.20	34.84#
0.00	0.00	0.00

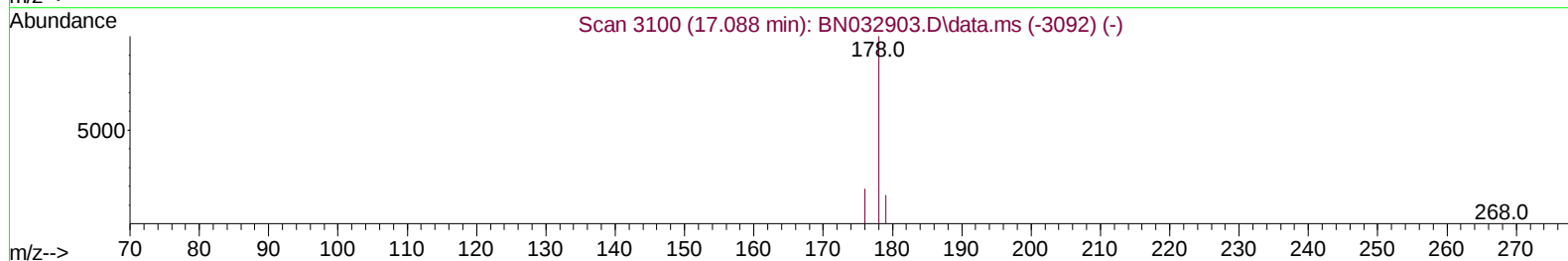
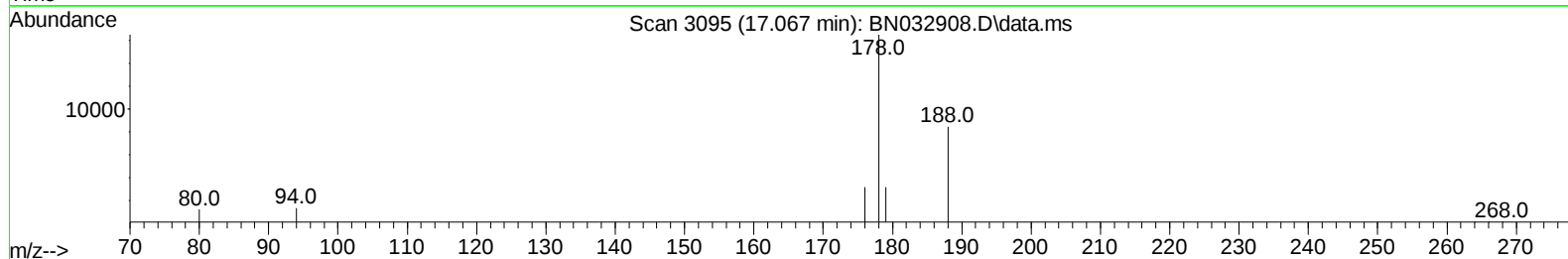
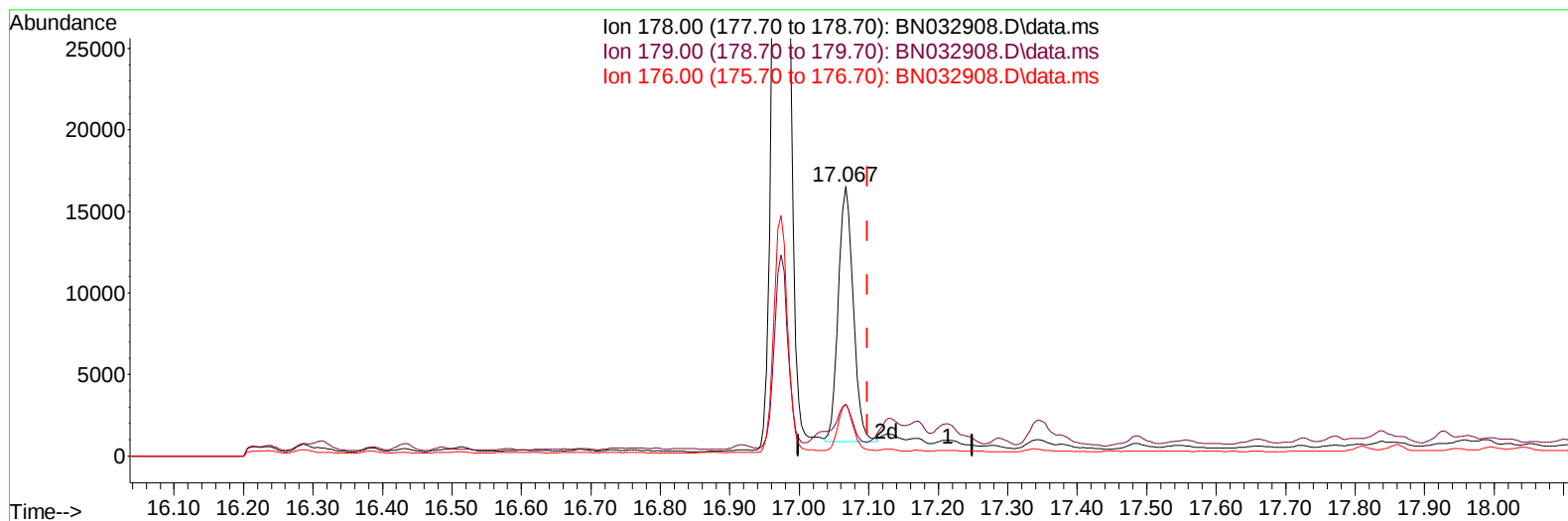
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032908.D
Acq On : 23 Jul 2024 13:30
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 13:56:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032908.D\data.ms

(16) Anthracene

17.067min (-0.032) 0.49 ng/u1 m

response 23246

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	19.13
176.00	19.20	19.16
0.00	0.00	0.00

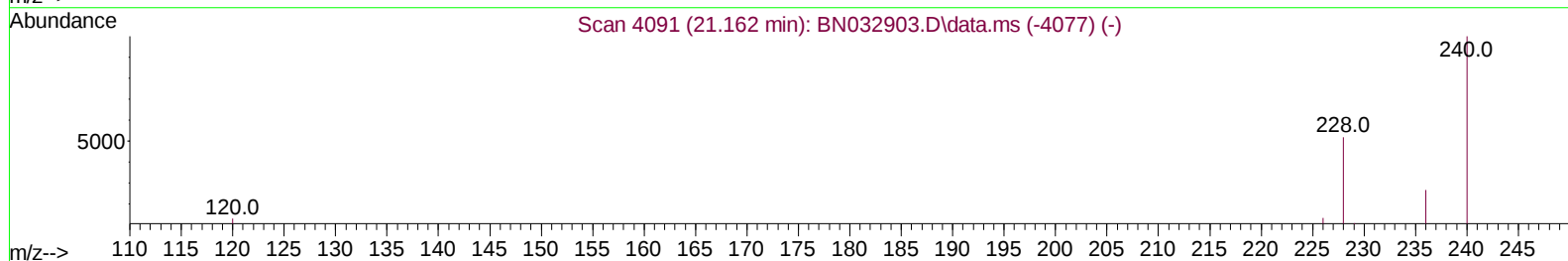
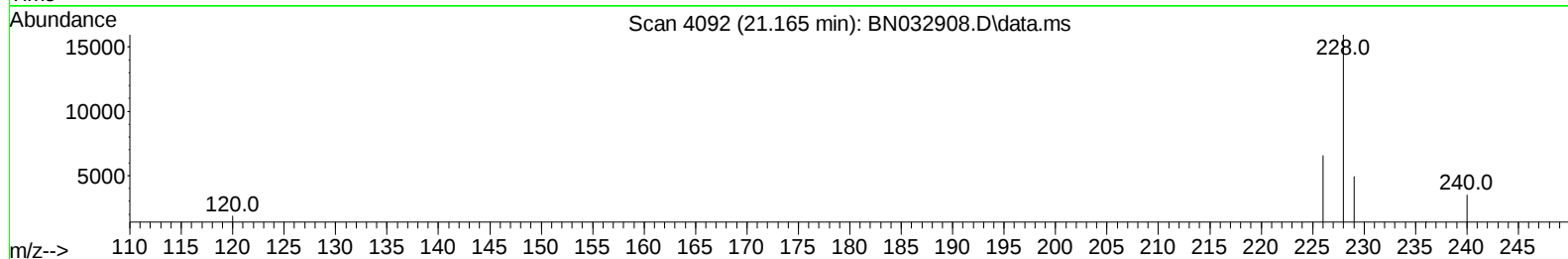
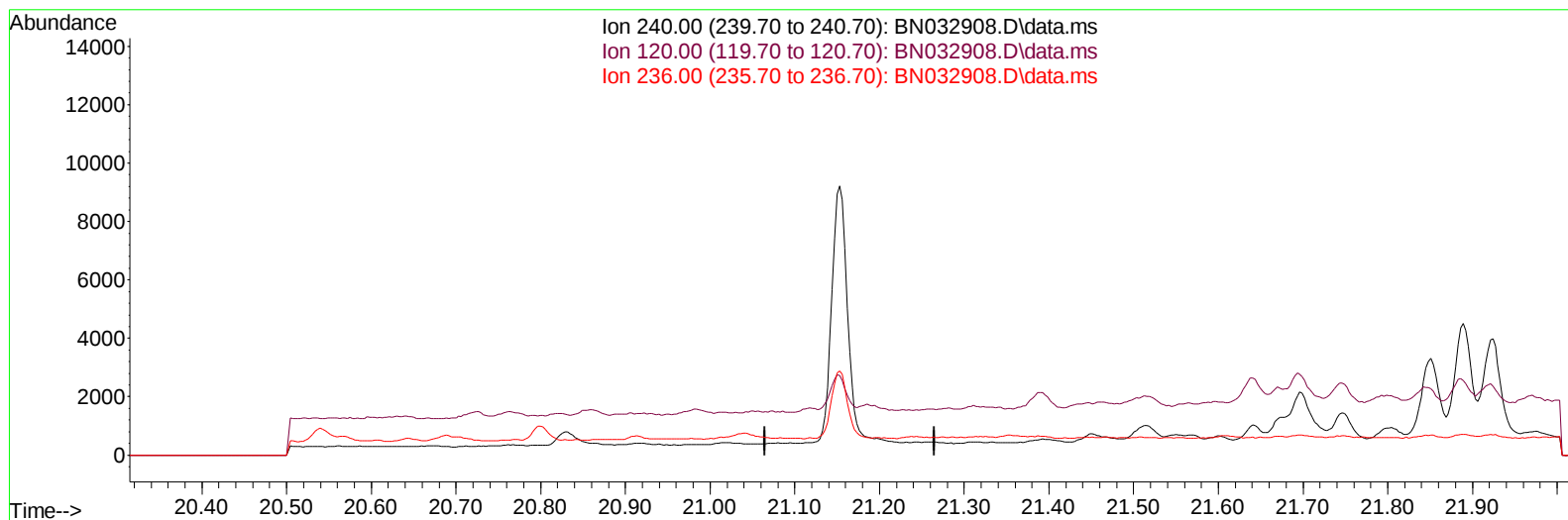
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032908.D
Acq On : 23 Jul 2024 13:30
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 13:56:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032908.D\data.ms

(17) Chrysene-d12

21.165min (-21.165) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	18.00	0.00#
236.00	28.40	0.00#
0.00	0.00	0.00

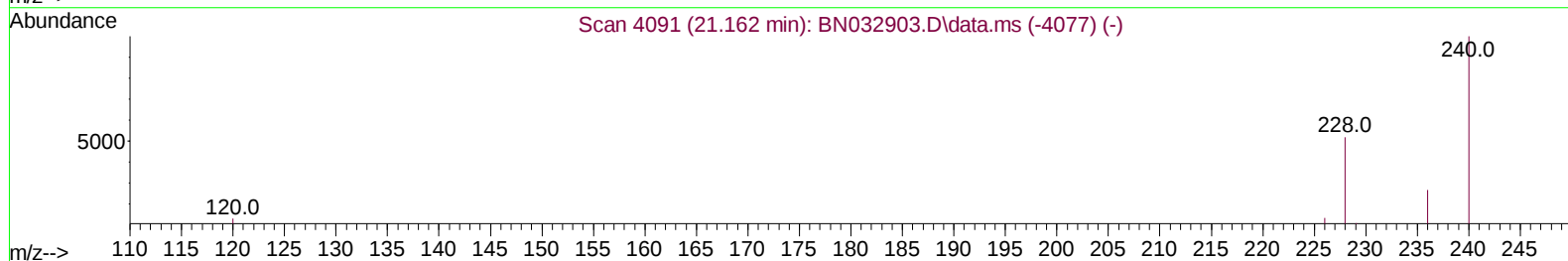
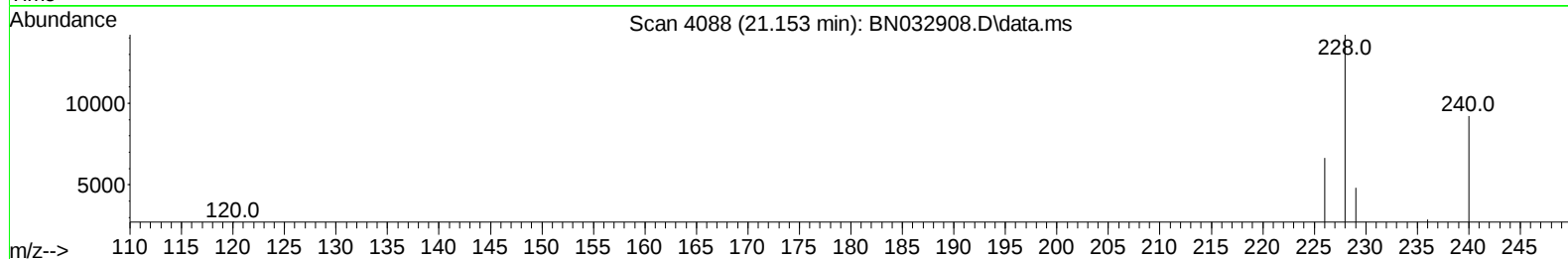
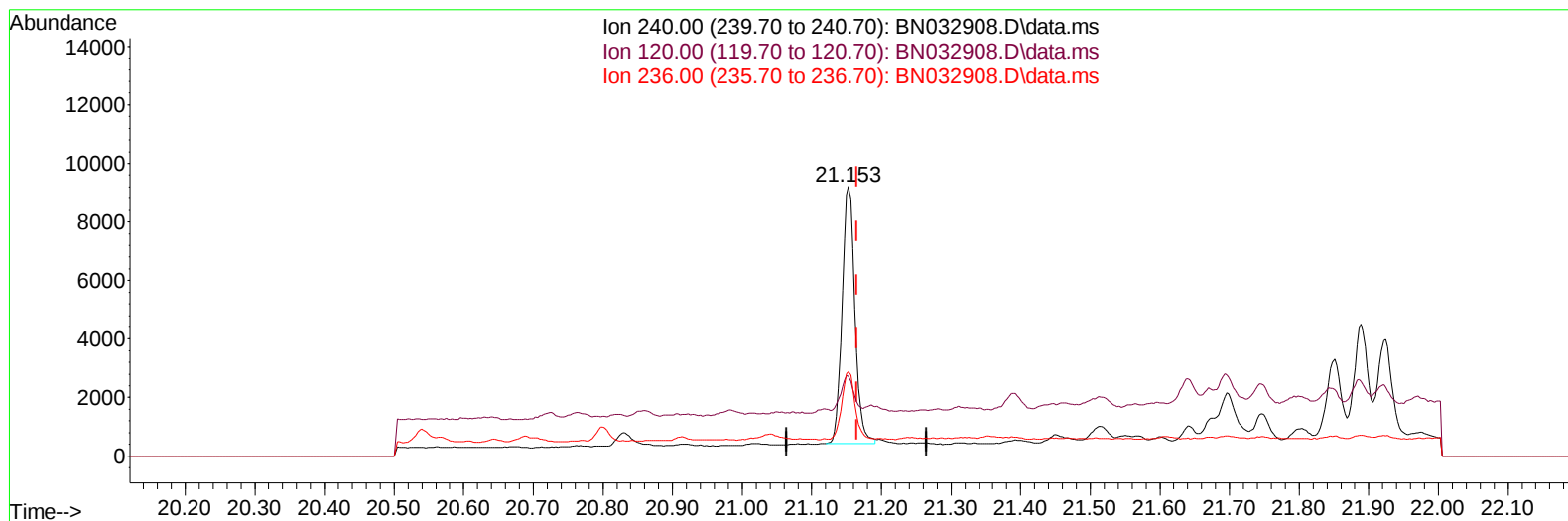
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Data File : BN032908.D
Acq On : 23 Jul 2024 13:30
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 13:56:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032908.D\data.ms

(17) Chrysene-d12

21.153min (-0.012) 0.40 ng/ul m

response 11286

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	29.54#
236.00	28.40	31.36
0.00	0.00	0.00

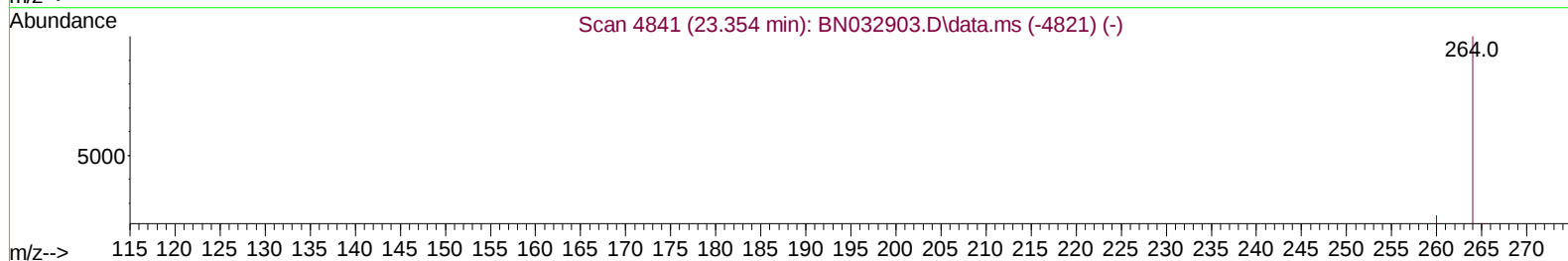
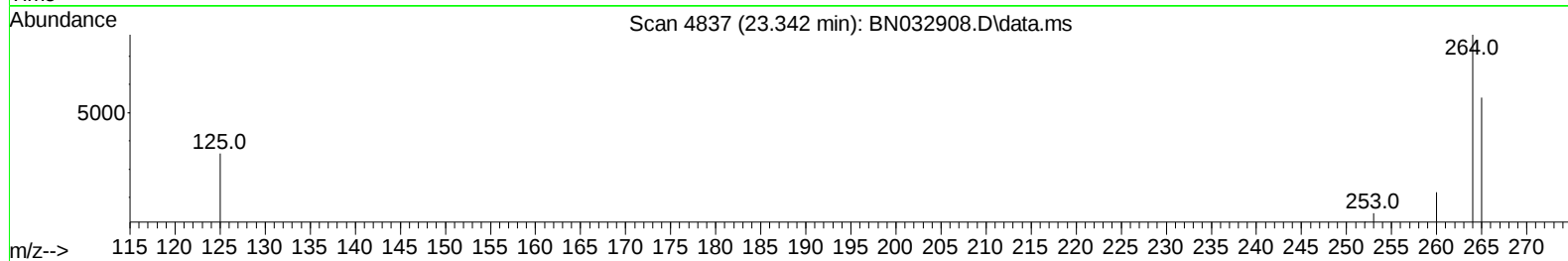
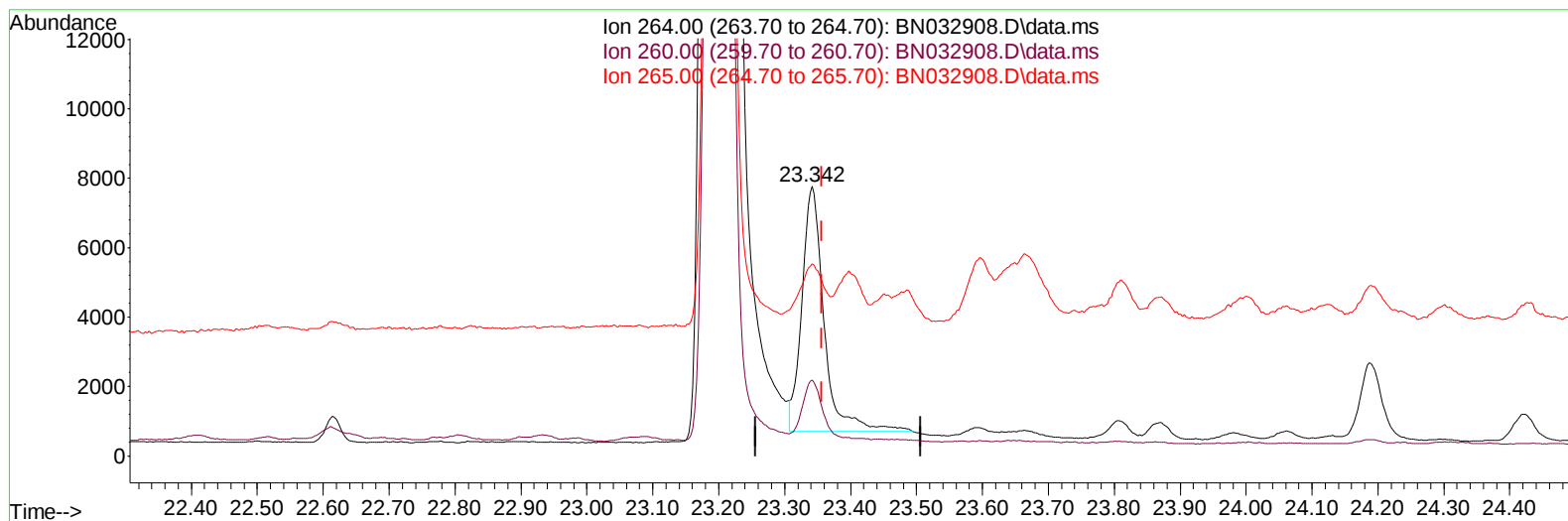
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032908.D
Acq On : 23 Jul 2024 13:30
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7

Manual IntegrationsAPPROVED

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TIC: BN032908.D\data.ms

(23) Perylene-d12 (I)

23.342min (-0.015) 0.40 ng/u1

response 16438

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	28.09
265.00	95.50	71.42#
0.00	0.00	0.00

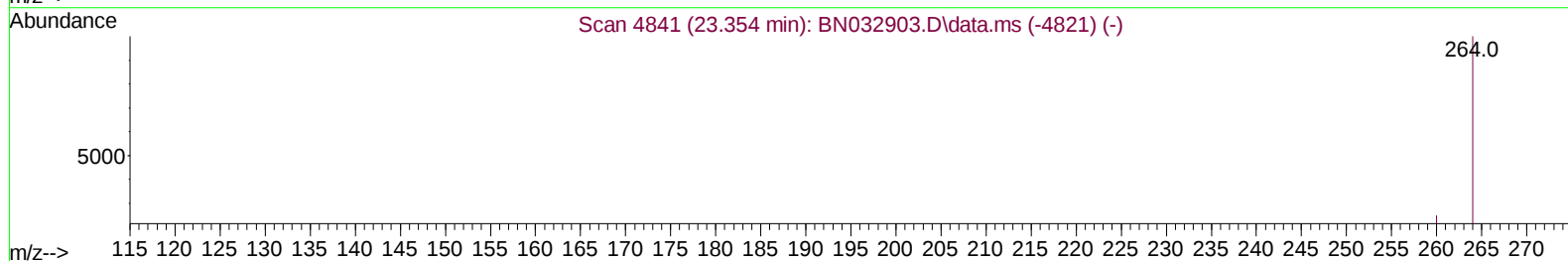
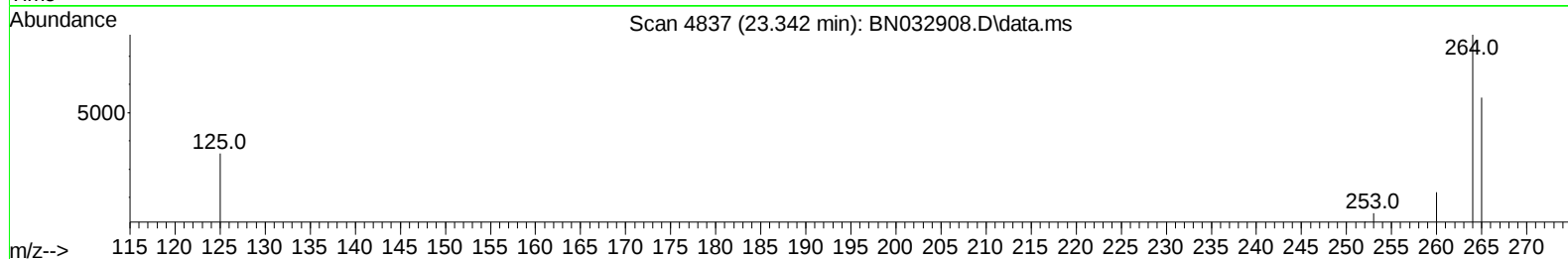
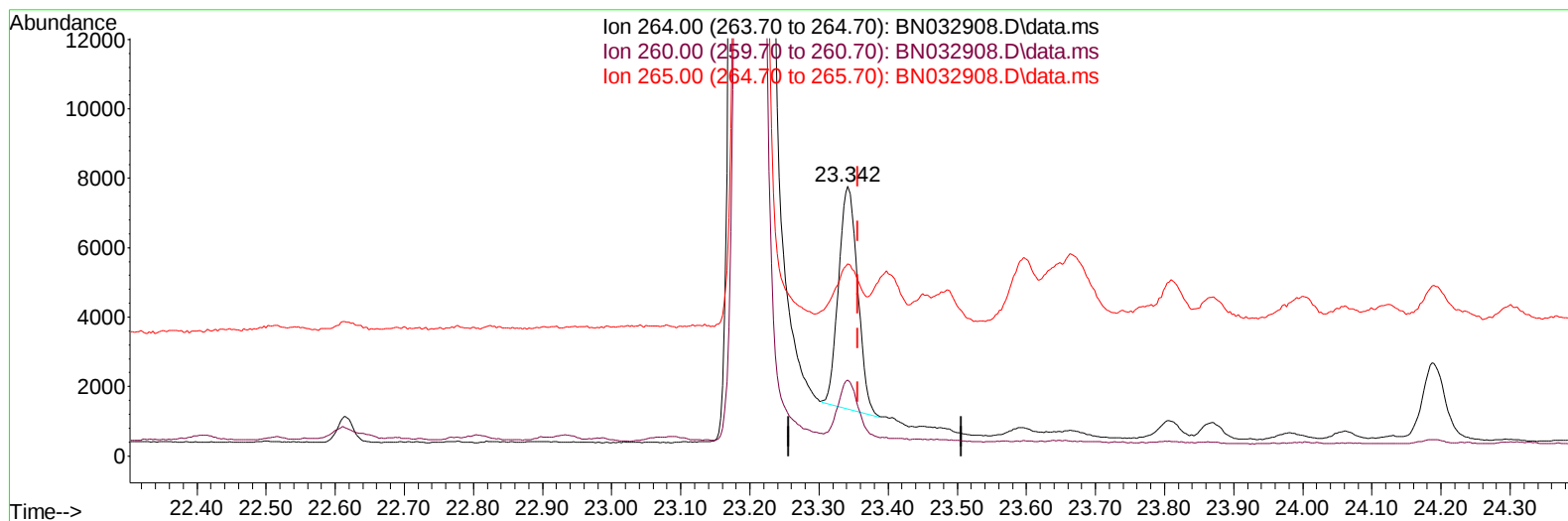
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032908.D
Acq On : 23 Jul 2024 13:30
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN032908.D\data.ms

(23) Perylene-d12 (I)

23.342min (-0.015) 0.40 ng/ul m

response 12324

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	28.09
265.00	95.50	71.42#
0.00	0.00	0.00

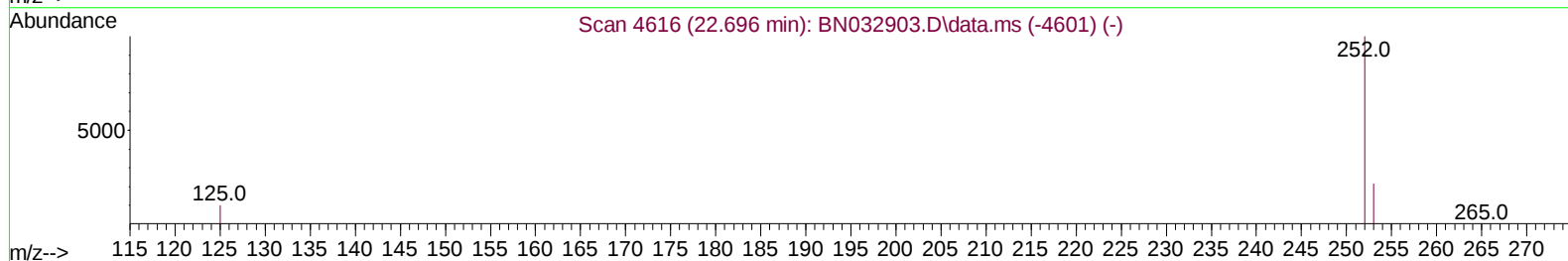
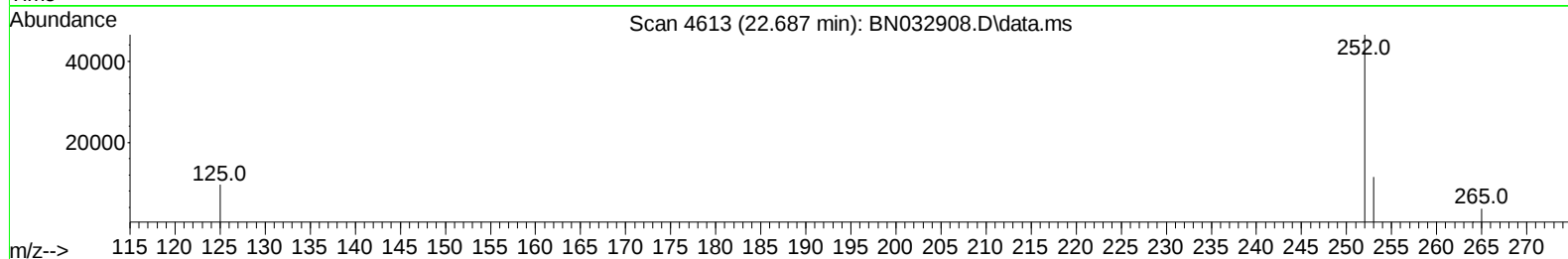
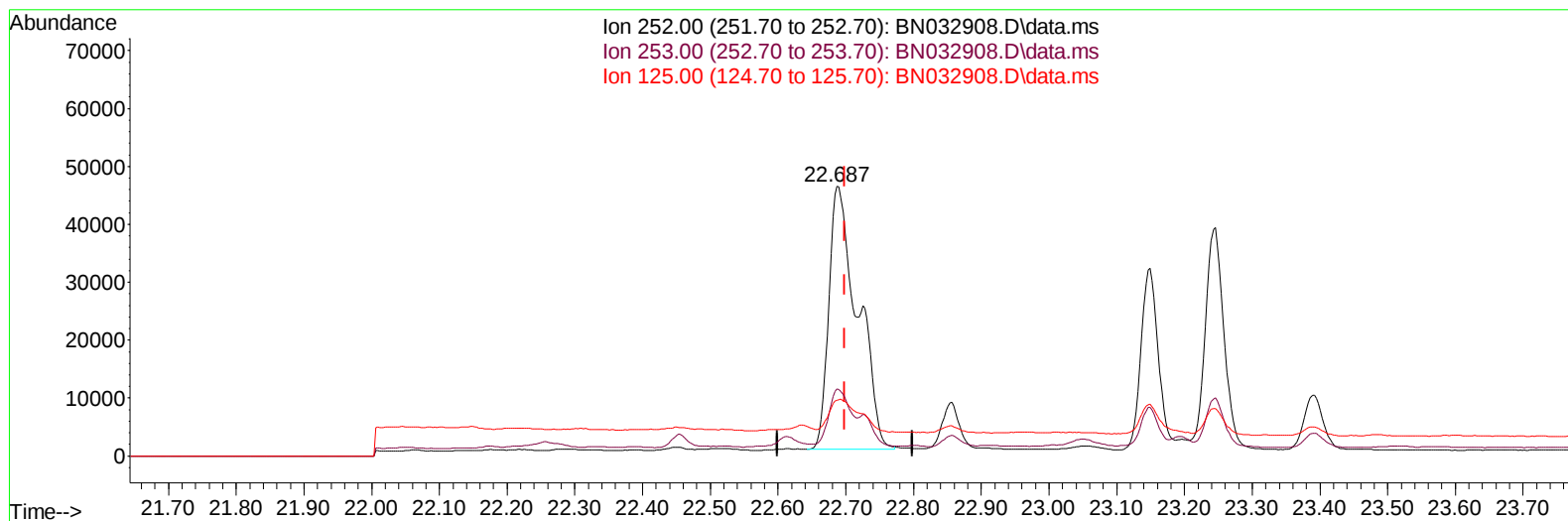
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032908.D
Acq On : 23 Jul 2024 13:30
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7

Manual IntegrationsAPPROVED

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TIC: BN032908.D\data.ms

(24) Benzo(b)fluoranthene

22.687min (-0.012) 3.09 ng/u1

response 134221

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	24.84
125.00	18.00	20.61
0.00	0.00	0.00

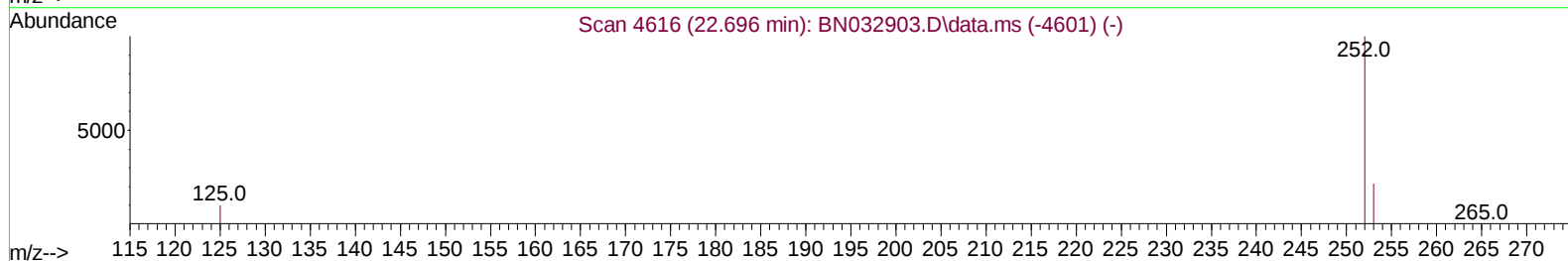
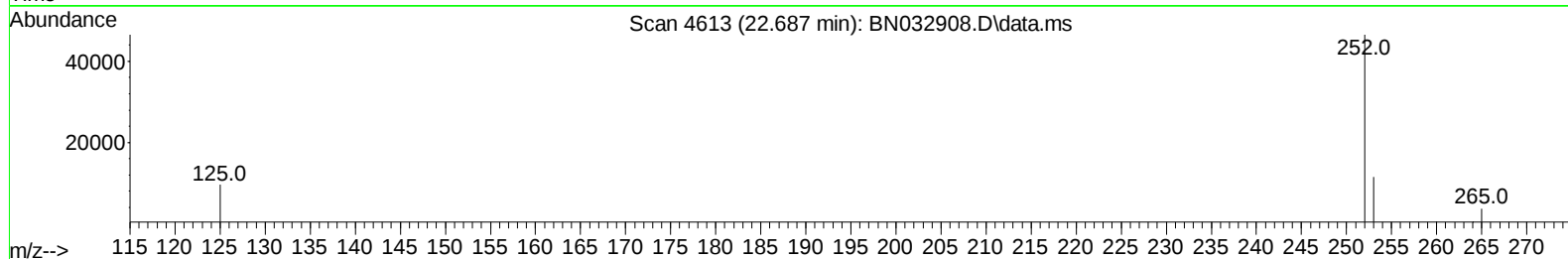
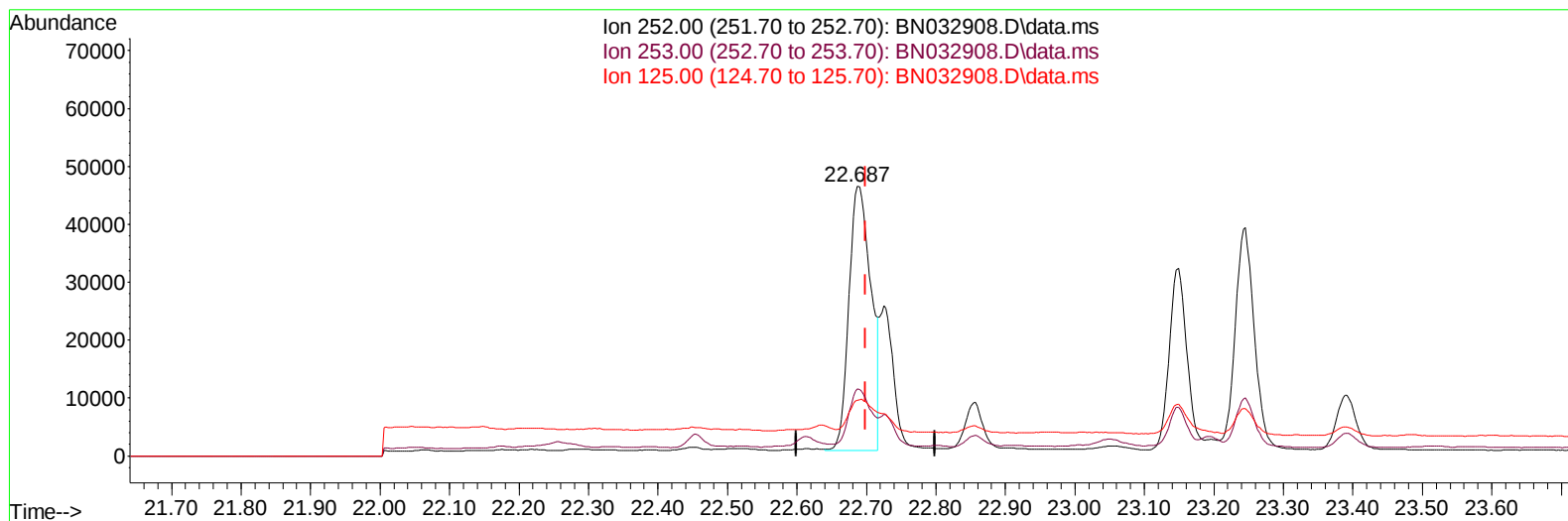
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032908.D
Acq On : 23 Jul 2024 13:30
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 13:56:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



TIC: BN032908.D\data.ms

(24) Benzo(b)fluoranthene

22.687min (-0.012) 2.32 ng/u1 m

response 100845

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	24.84
125.00	18.00	20.61
0.00	0.00	0.00

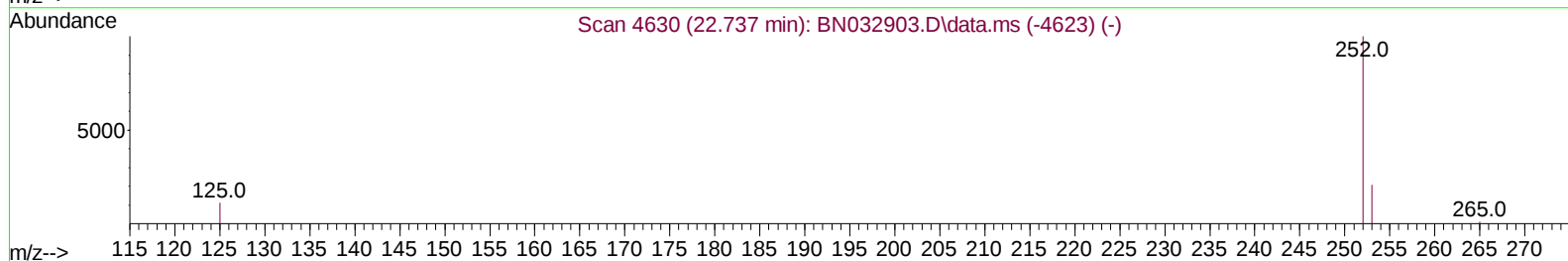
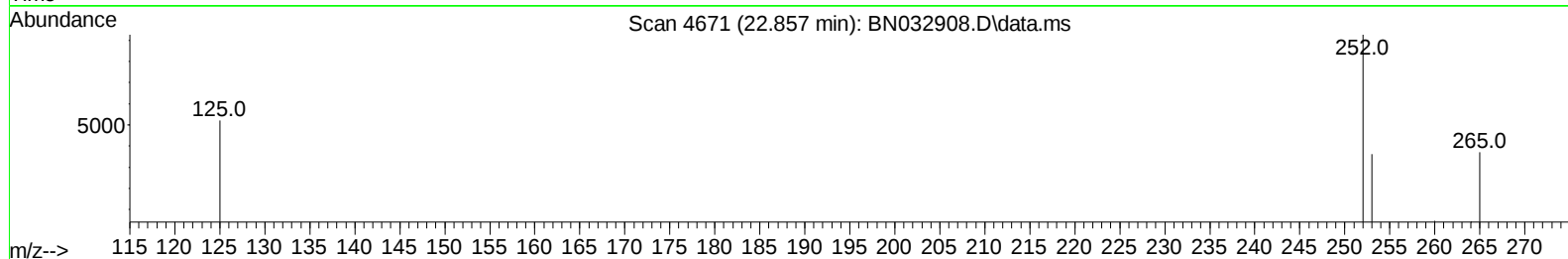
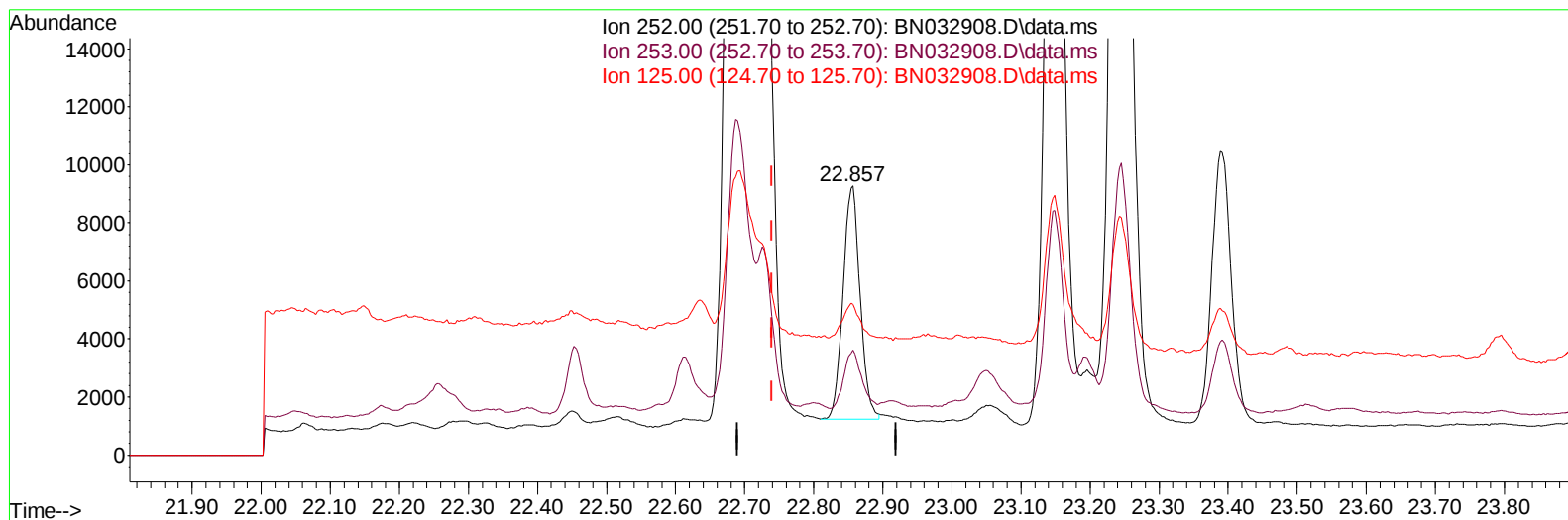
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032908.D
Acq On : 23 Jul 2024 13:30
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7

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TIC: BN032908.D\data.ms

(25) Benzo(k)fluoranthene

22.857min (+ 0.117) 0.26 ng/u1

response 13714

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	39.07#
125.00	18.50	56.12#
0.00	0.00	0.00

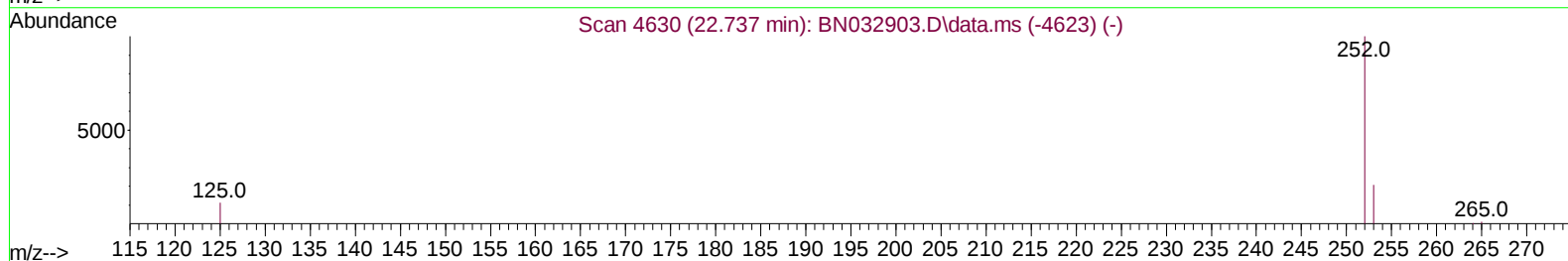
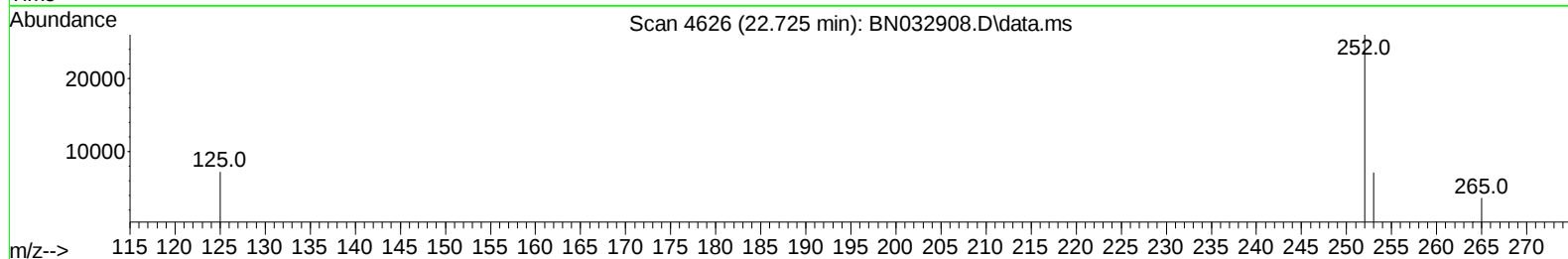
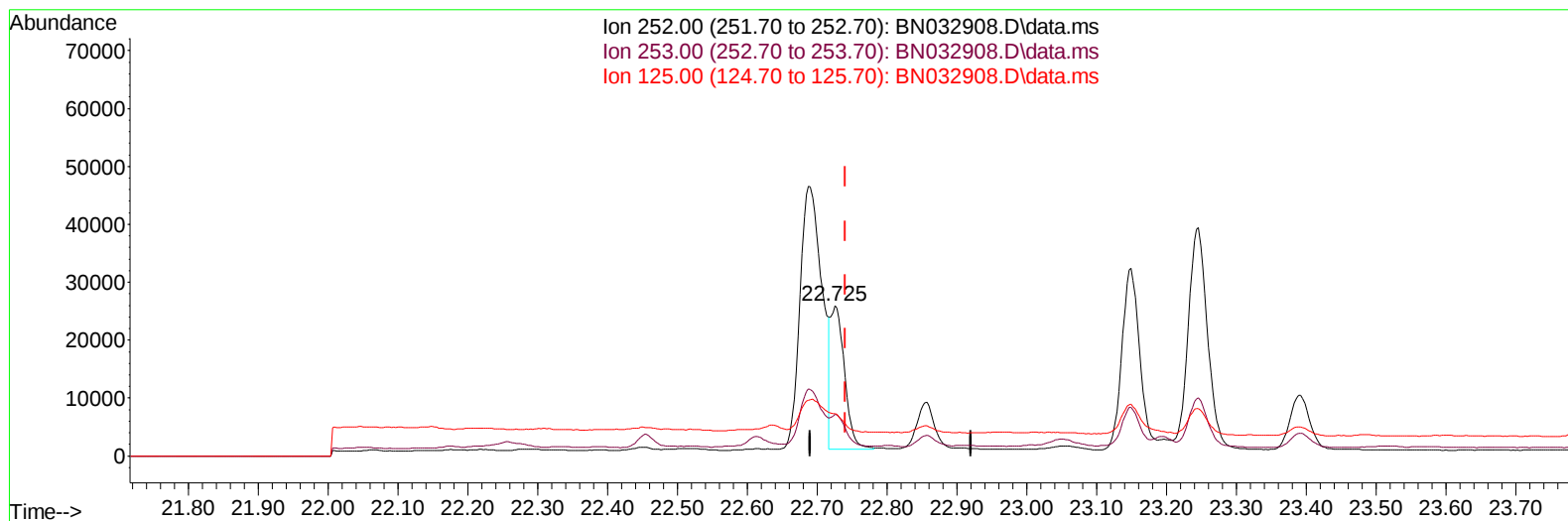
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032908.D
Acq On : 23 Jul 2024 13:30
Operator : MA/JU
Sample : P3215-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CJ7

Manual IntegrationsAPPROVED

Quant Time: Jul 23 13:56:42 2024
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QLast Update : Sat Jul 20 01:52:15 2024
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TIC: BN032908.D\data.ms

(25) Benzo(k)fluoranthene

22.725min (-0.015) 0.65 ng/u1 m

response 34428

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	27.64
125.00	18.50	28.06#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032908.D
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 Operator : MA/JU
 Sample : P3215-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ7

Manual IntegrationsAPPROVED

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 QLast Update : Sat Jul 20 01:52:15 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.519	152	4391	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.288	136	15579	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.170	164	9585	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.931	188	21400m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.153	240	11286m	0.400	ng/ul	-0.01
23) Perylene-d12	23.342	264	12324m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	17705	3.358	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	5994	0.255	ng/ul	-0.03
18) Fluoranthene-d10	18.976	212	9094	0.247	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.338	128	7033	0.168	ng/ul	98
7) 2-Methylnaphthalene	11.971	142	3153	0.121	ng/ul	97
8) 1-Methylnaphthalene	12.191	142	2137	0.079	ng/ul	100
10) Acenaphthylene	13.892	152	8415m	0.217	ng/ul	
11) Acenaphthene	14.234	153	6480	0.202	ng/ul	100
12) Fluorene	15.229	166	8429	0.230	ng/ul#	98
15) Phenanthrene	16.974	178	107161m	1.839	ng/ul	
16) Anthracene	17.067	178	23246m	0.488	ng/ul	
19) Fluoranthene	19.008	202	168150	3.664	ng/ul	97
20) Pyrene	19.375	202	160674	3.383	ng/ul	97
21) Benzo(a)anthracene	21.135	228	74995	2.088	ng/ul	96
22) Chrysene	21.188	228	81510	1.568	ng/ul	96
24) Benzo(b)fluoranthene	22.687	252	100845m	2.319	ng/ul	
25) Benzo(k)fluoranthene	22.725	252	34428m	0.650	ng/ul	
26) Benzo(a)pyrene	23.245	252	73491	1.953	ng/ul	89
27) Indeno(1,2,3-cd)pyrene	25.545	276	49854	0.978	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.545	278	12450	0.315	ng/ul#	65
29) Benzo(g,h,i)perylene	26.223	276	52766	1.239	ng/ul	98

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

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Manual IntegrationsAPPROVED

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