

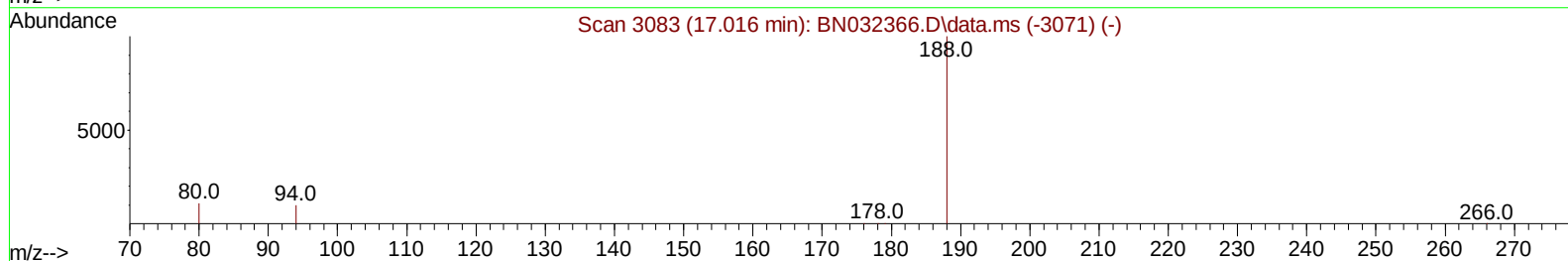
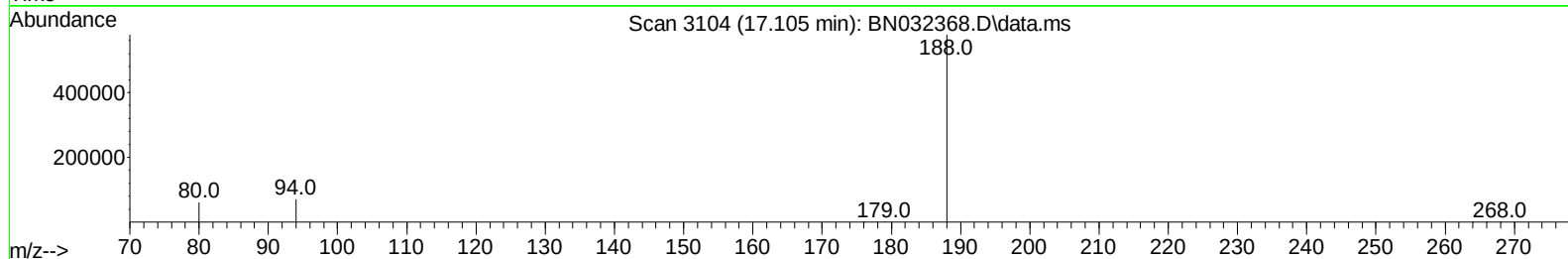
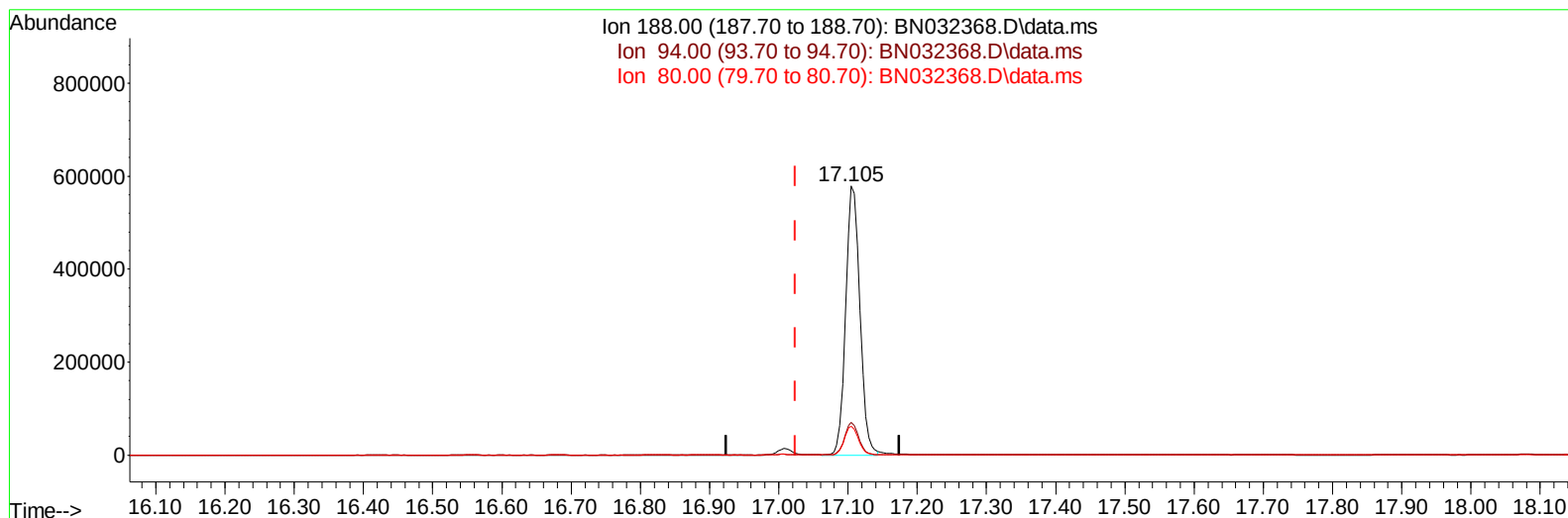
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032368.D
Acq On : 01 Jul 2024 18:55
Operator : MA/JU
Sample : P2934-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B72

Manual IntegrationsAPPROVED

Quant Time: Jul 01 23:45:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032368.D\data.ms

(13) Phenanthrene-d10 (I)

17.105min (+ 0.080) 0.40 ng/u1

response 825975

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.14
80.00	10.50	10.66
0.00	0.00	0.00

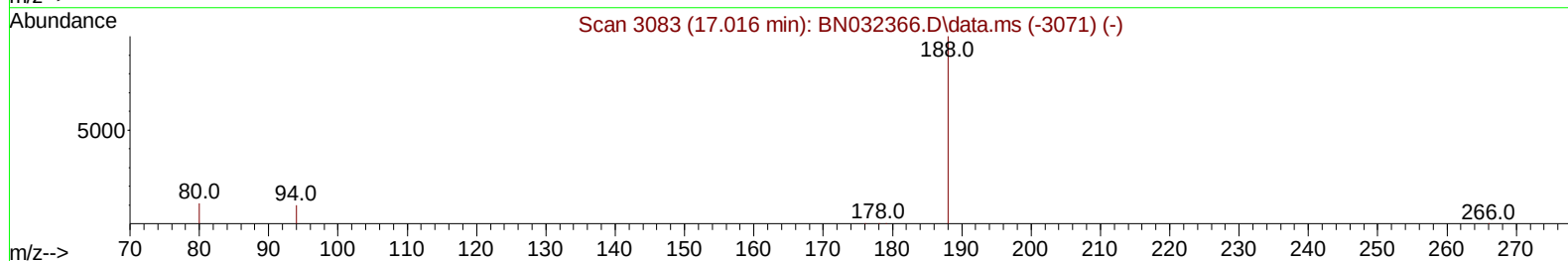
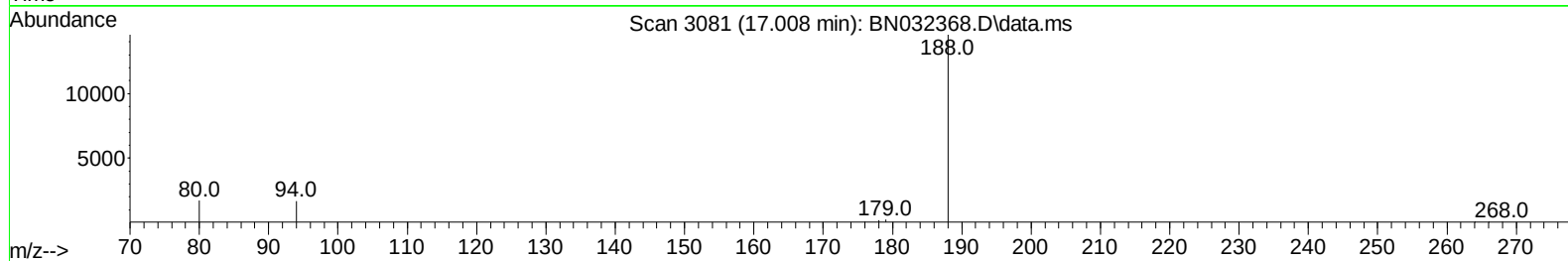
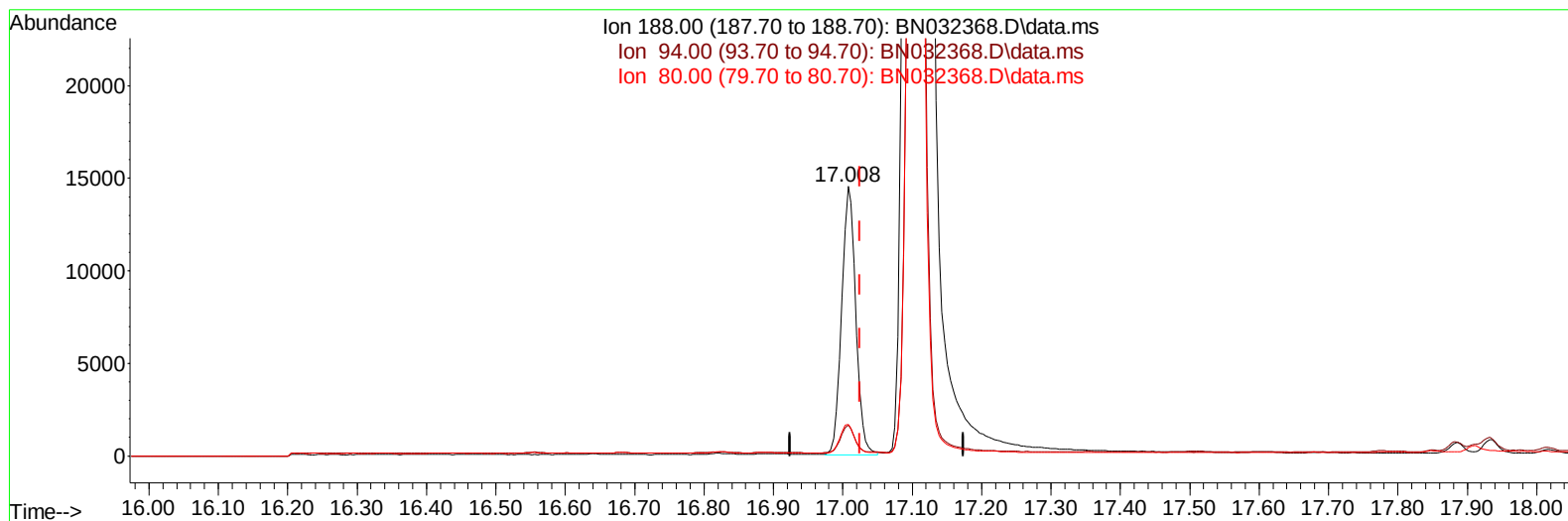
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032368.D
Acq On : 01 Jul 2024 18:55
Operator : MA/JU
Sample : P2934-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B72

Manual IntegrationsAPPROVED

Quant Time: Jul 01 23:45:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032368.D\data.ms

(13) Phenanthrene-d10 (I)

17.008min (-0.017) 0.40 ng/ul m

response 20561

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.48
80.00	10.50	11.76
0.00	0.00	0.00

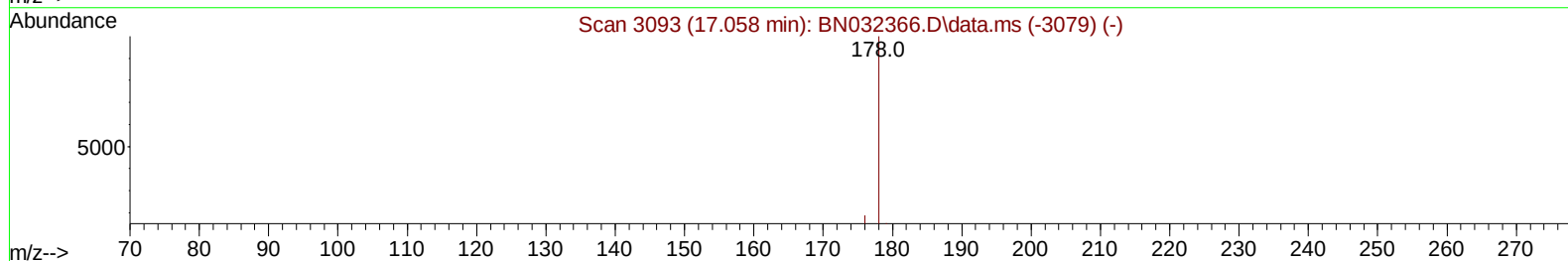
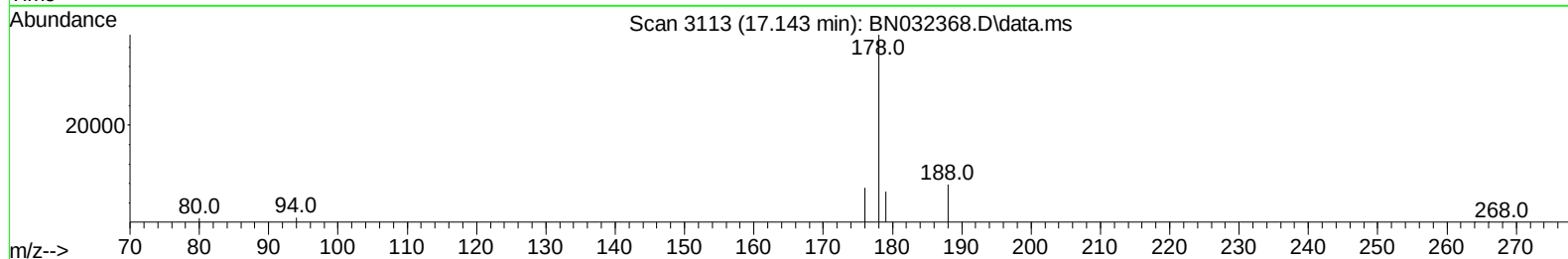
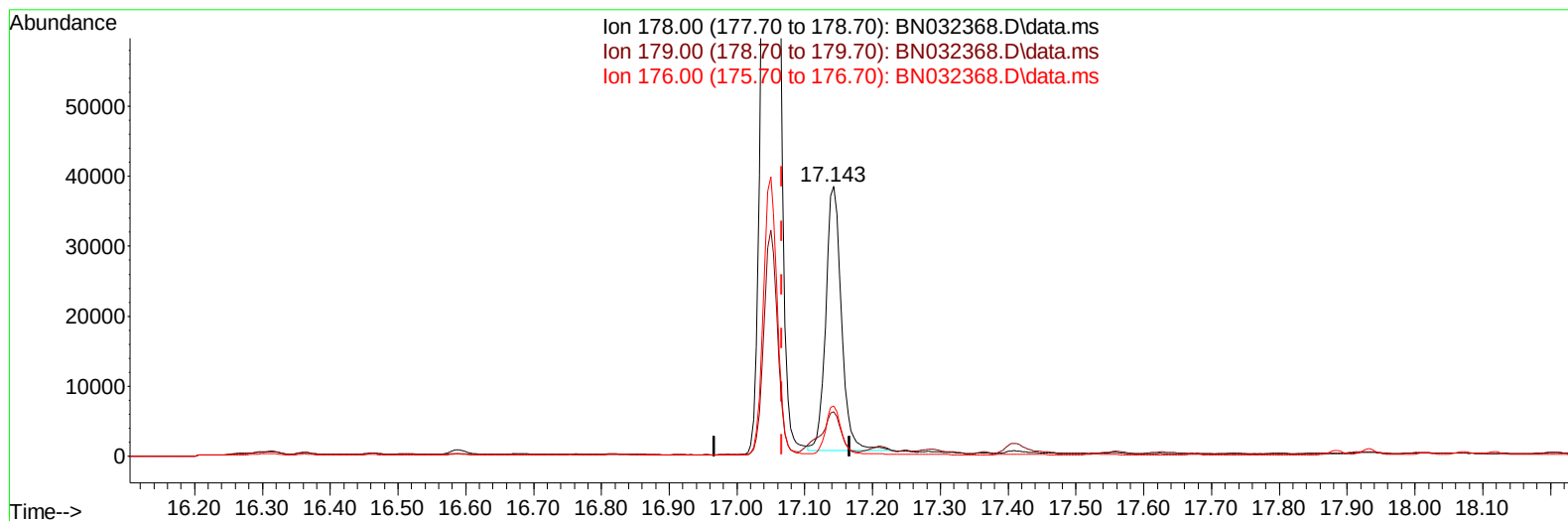
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032368.D
Acq On : 01 Jul 2024 18:55
Operator : MA/JU
Sample : P2934-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B72

Manual IntegrationsAPPROVED

Quant Time: Jul 01 23:45:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032368.D\data.ms

(15) Phenanthrene

17.143min (+ 0.076) 1.07 ng/u1

response 60529

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.50
176.00	19.50	18.49
0.00	0.00	0.00

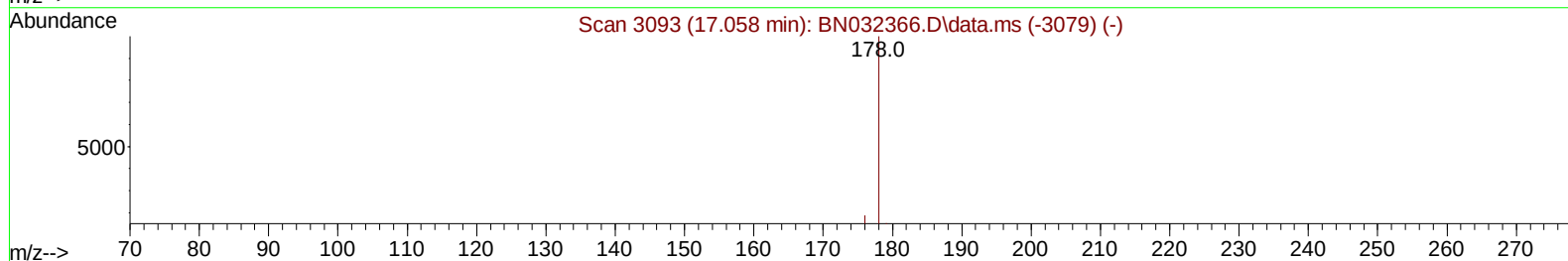
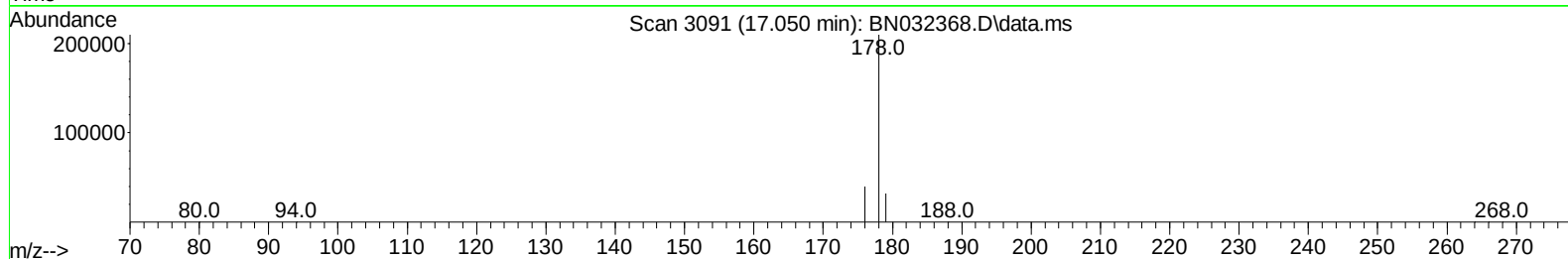
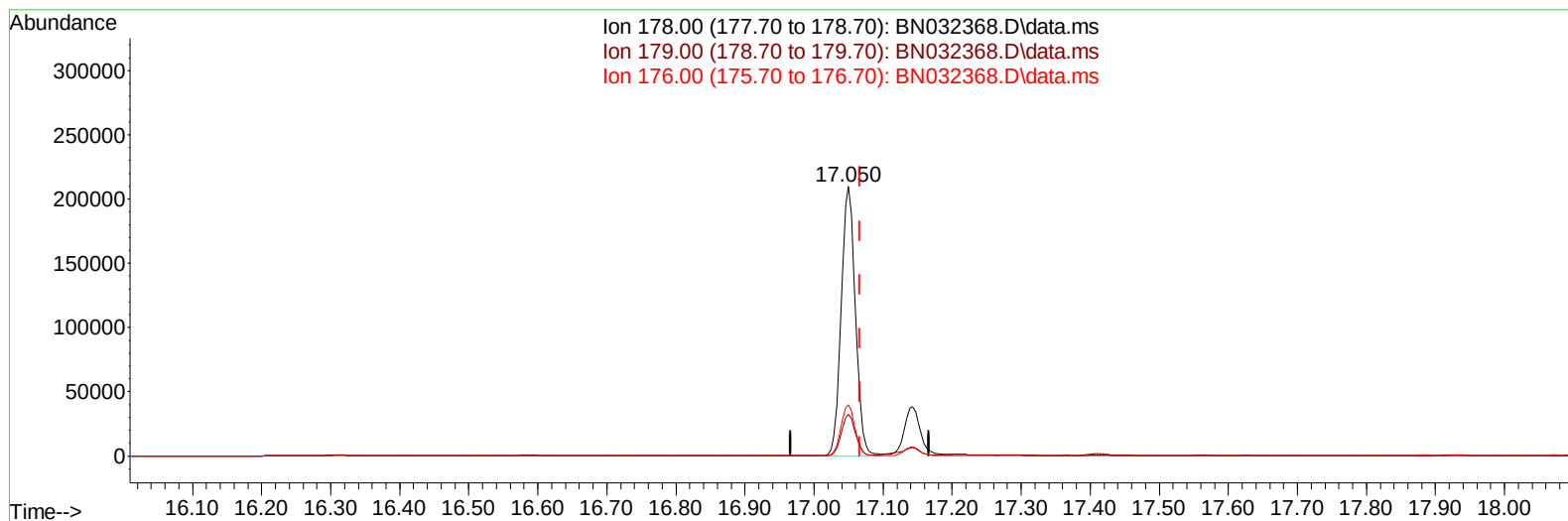
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032368.D
Acq On : 01 Jul 2024 18:55
Operator : MA/JU
Sample : P2934-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B72

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 01 23:45:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032368.D\data.ms

(15) Phenanthrene

17.050min (-0.017) 5.31 ng/ul m

response 299449

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	15.40
176.00	19.50	19.05
0.00	0.00	0.00

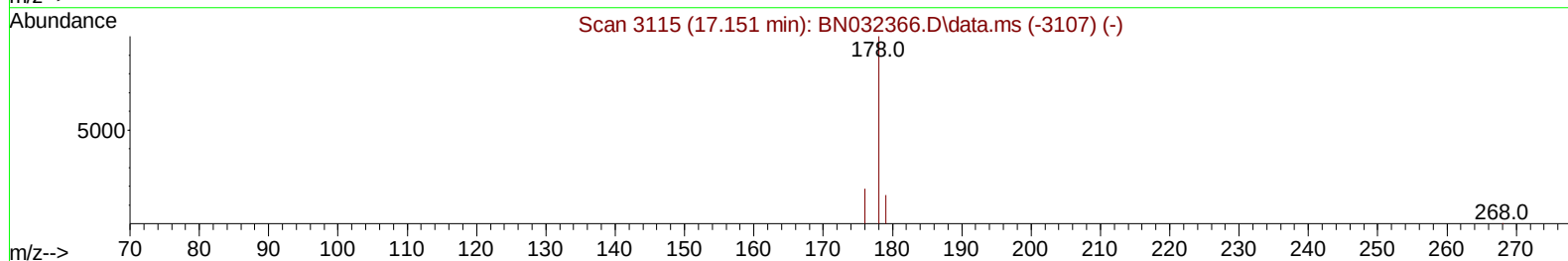
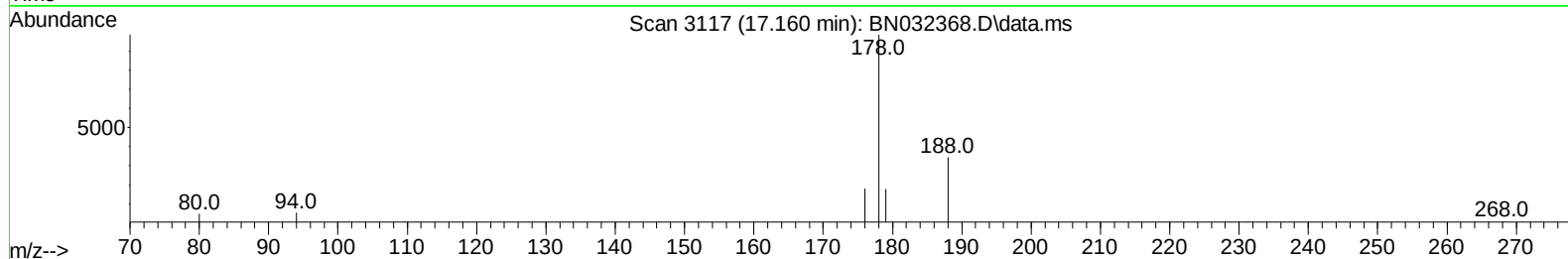
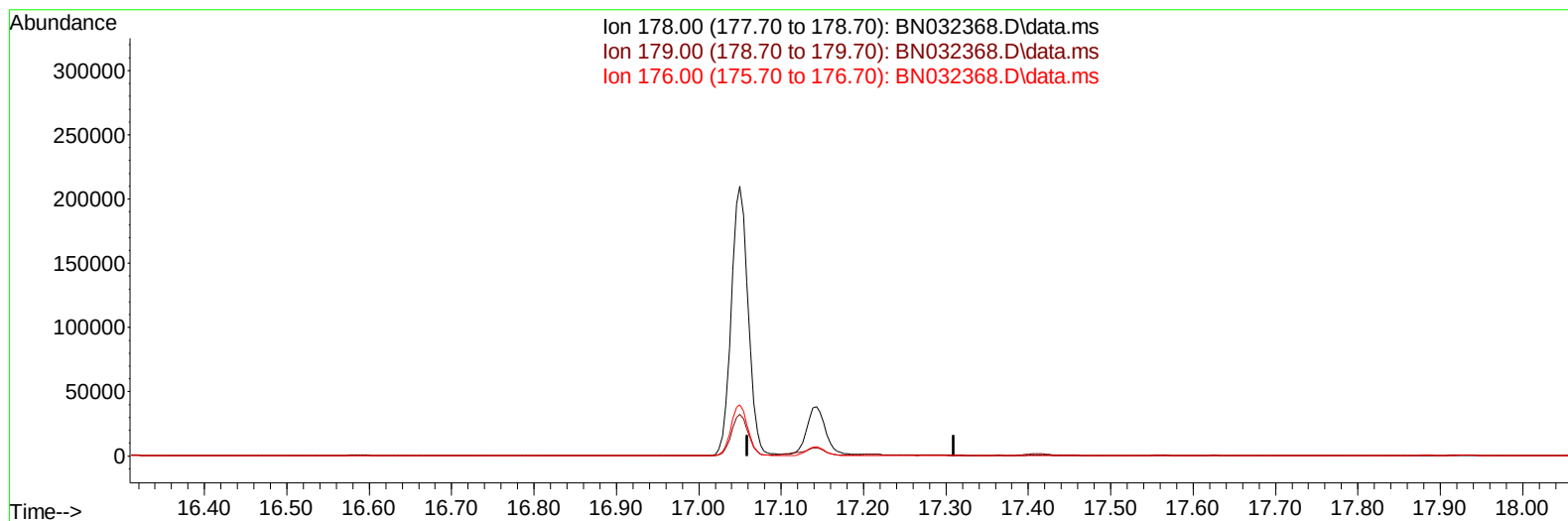
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032368.D
 Acq On : 01 Jul 2024 18:55
 Operator : MA/JU
 Sample : P2934-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B72

Manual IntegrationsAPPROVED

Quant Time: Jul 01 23:45:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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 QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032368.D\data.ms

(16) Anthracene

17.160min (-17.160) 0.00 ng/ul

response 0

Ion	Exp%	Act%
178.00	100.00	0.00
179.00	15.60	0.00#
176.00	18.80	0.00#
0.00	0.00	0.00

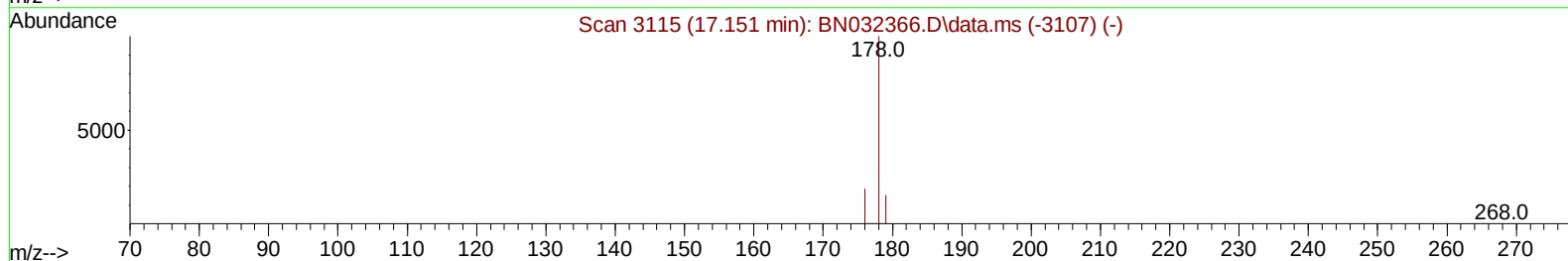
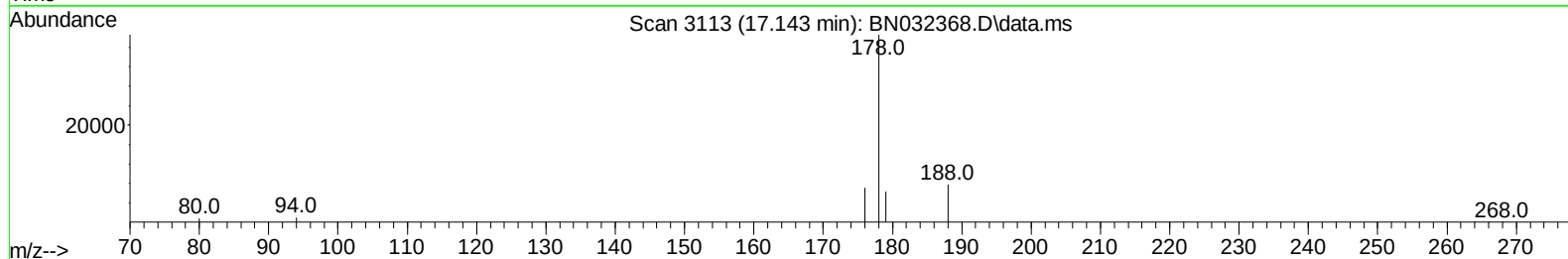
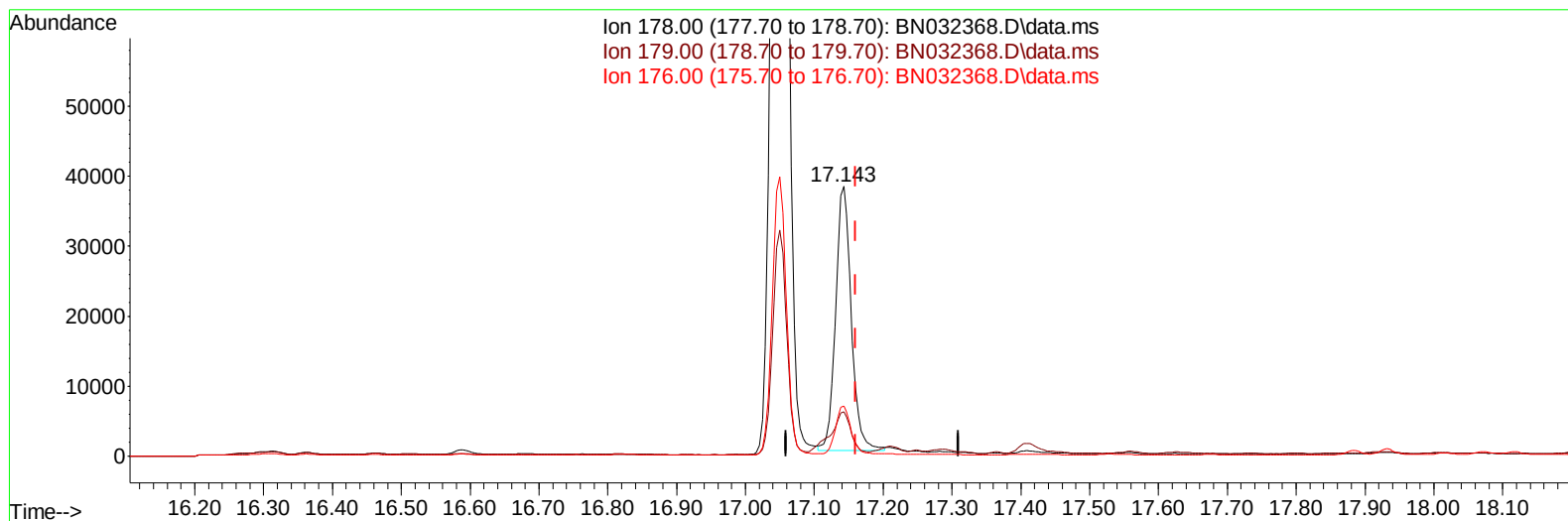
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032368.D
Acq On : 01 Jul 2024 18:55
Operator : MA/JU
Sample : P2934-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B72

Manual IntegrationsAPPROVED

Quant Time: Jul 01 23:45:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032368.D\data.ms

(16) Anthracene

17.143min (-0.017) 1.19 ng/ul m

response 59665

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.50
176.00	18.80	18.49
0.00	0.00	0.00

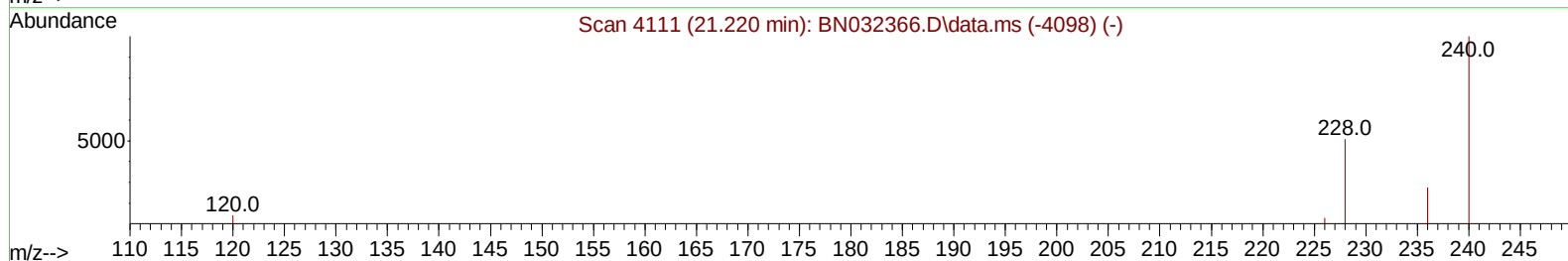
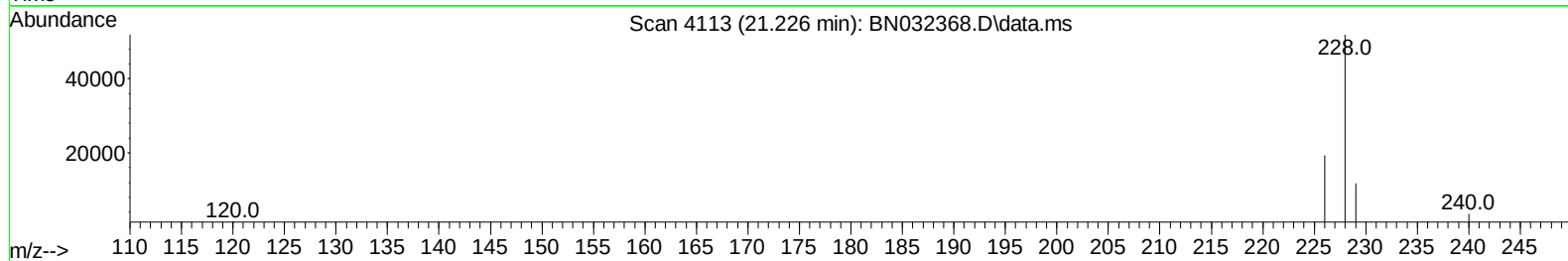
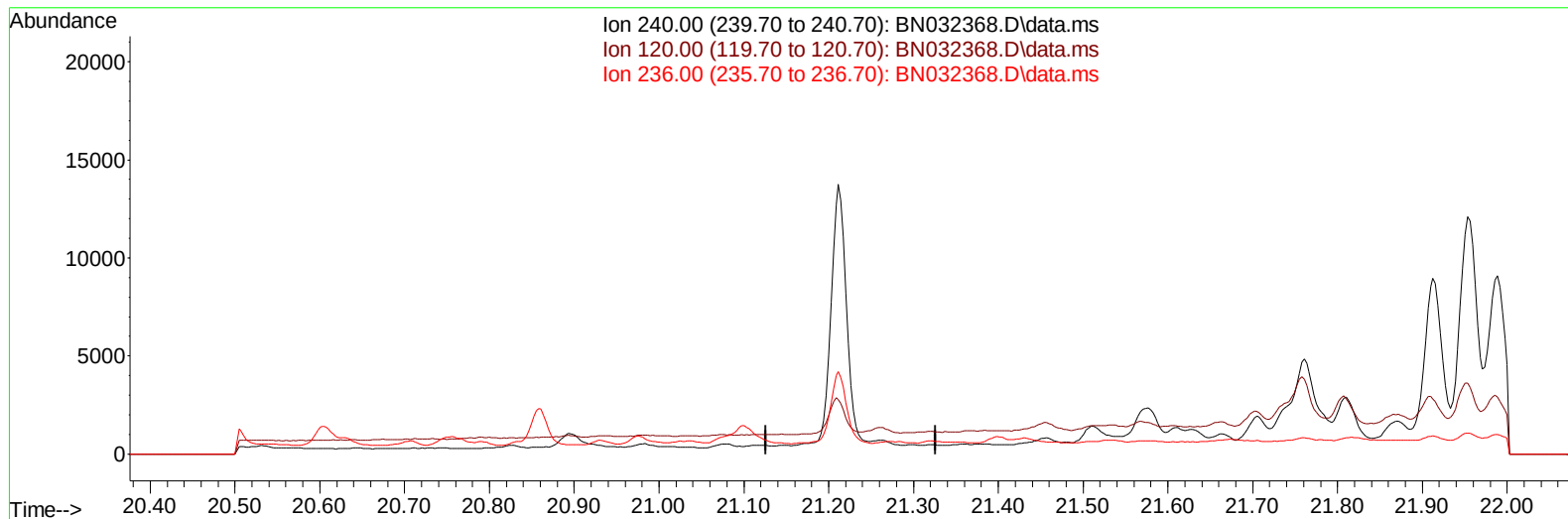
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032368.D
Acq On : 01 Jul 2024 18:55
Operator : MA/JU
Sample : P2934-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B72

Manual IntegrationsAPPROVED

Quant Time: Jul 01 23:45:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN032368.D\data.ms

(17) Chrysene-d12

21.226min (-21.226) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	16.80	0.00#
236.00	28.40	0.00#
0.00	0.00	0.00

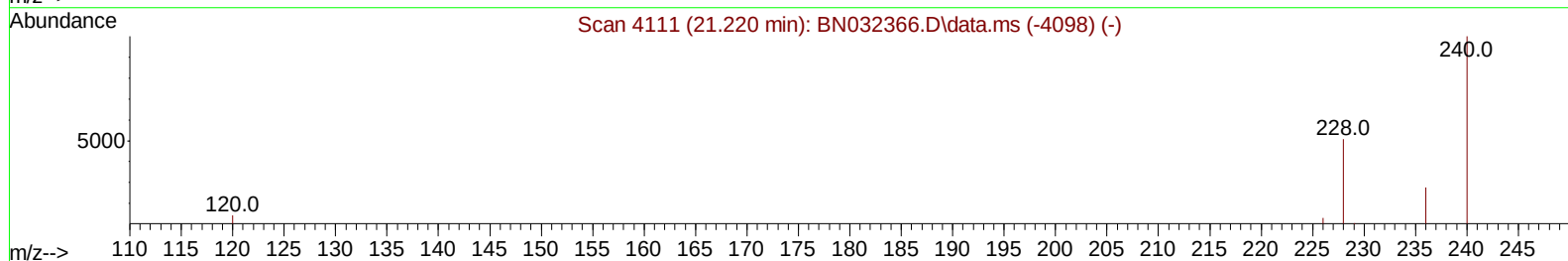
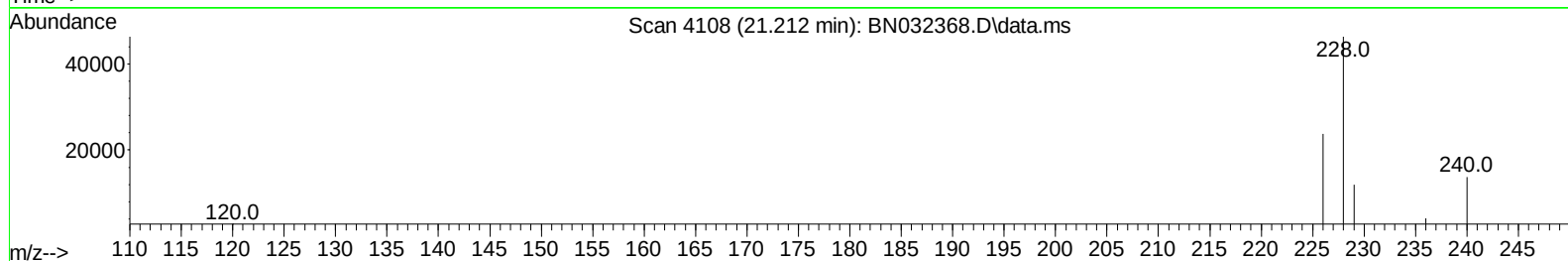
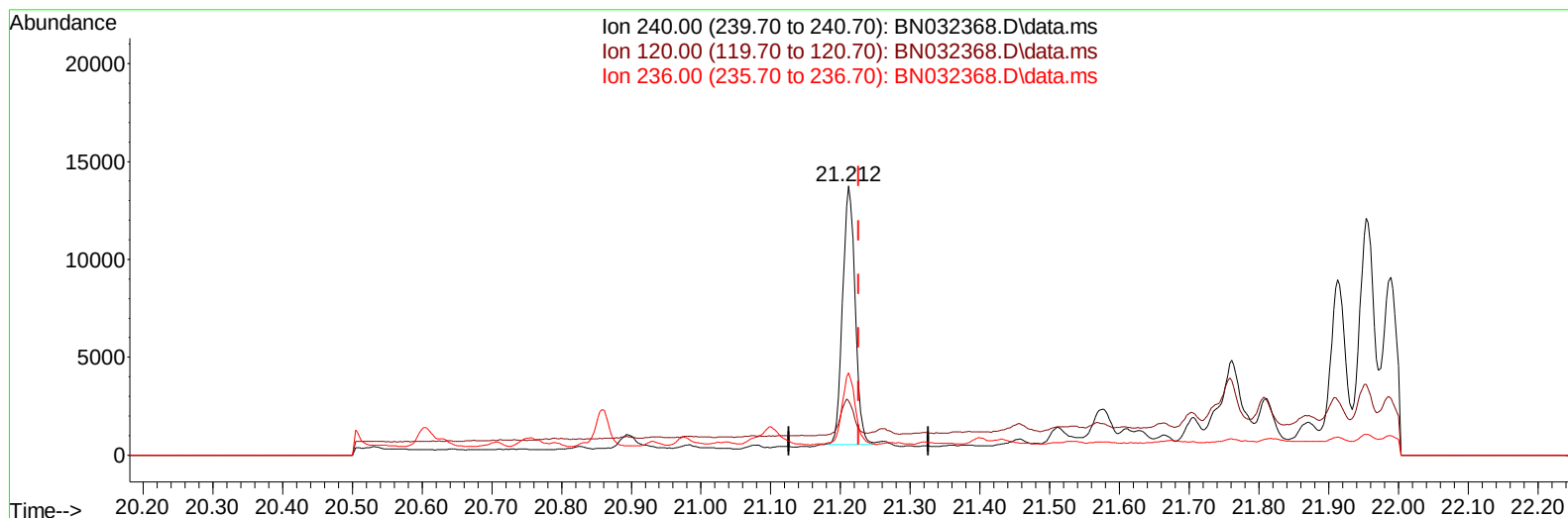
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032368.D
Acq On : 01 Jul 2024 18:55
Operator : MA/JU
Sample : P2934-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B72

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 01 23:45:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032368.D\data.ms

(17) Chrysene-d12

21.212min (-0.015) 0.40 ng/ul m

response 16440

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	20.22#
236.00	28.40	30.45
0.00	0.00	0.00

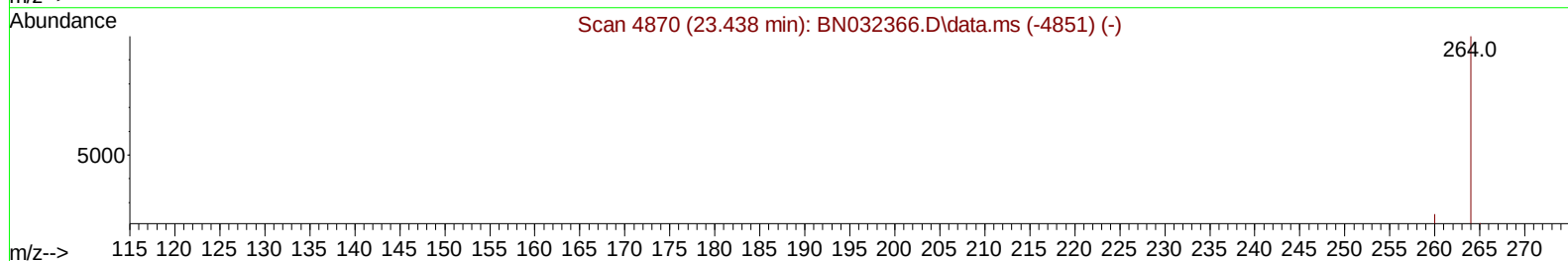
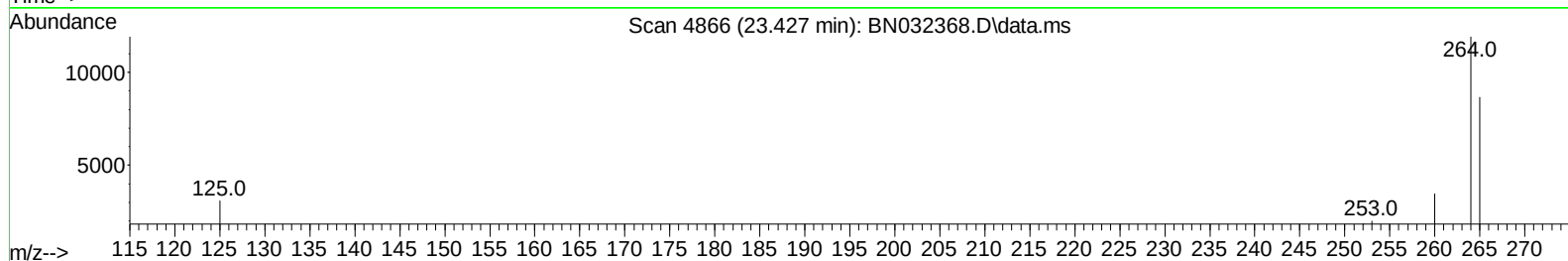
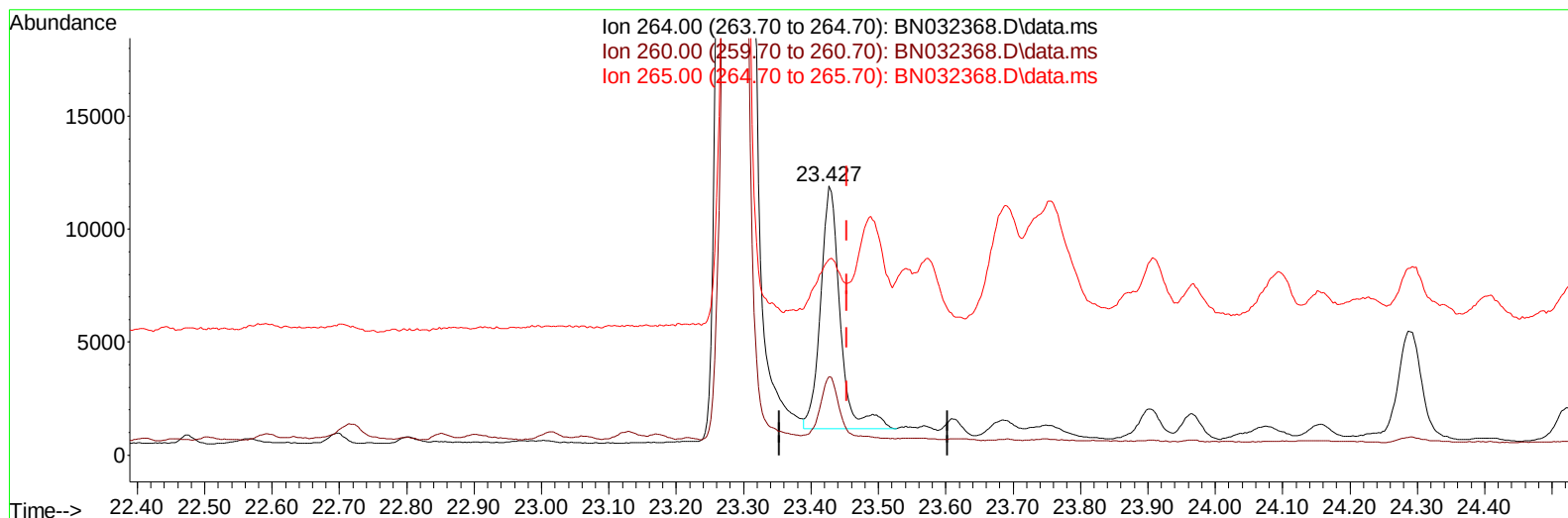
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032368.D
 Acq On : 01 Jul 2024 18:55
 Operator : MA/JU
 Sample : P2934-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B72

Manual IntegrationsAPPROVED

Quant Time: Jul 01 23:45:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032368.D\data.ms

(23) Perylene-d12 (I)

23.427min (-0.026) 0.40 ng/u1

response 21612

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	29.15
265.00	67.20	72.74
0.00	0.00	0.00

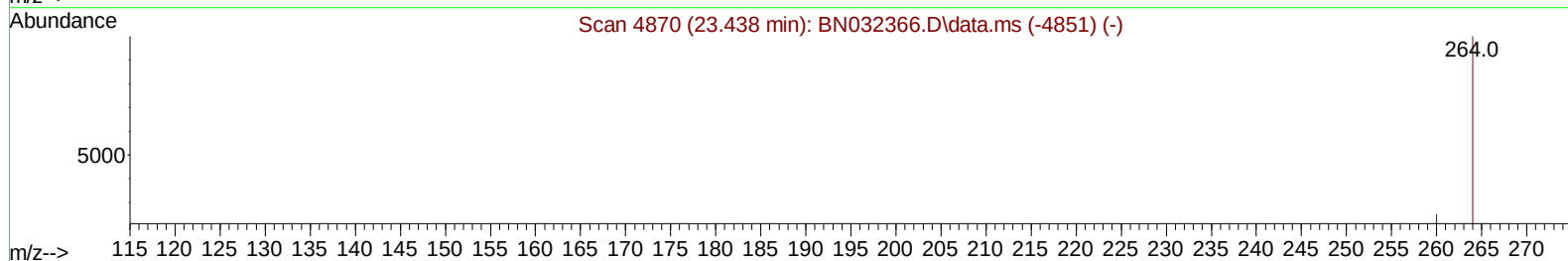
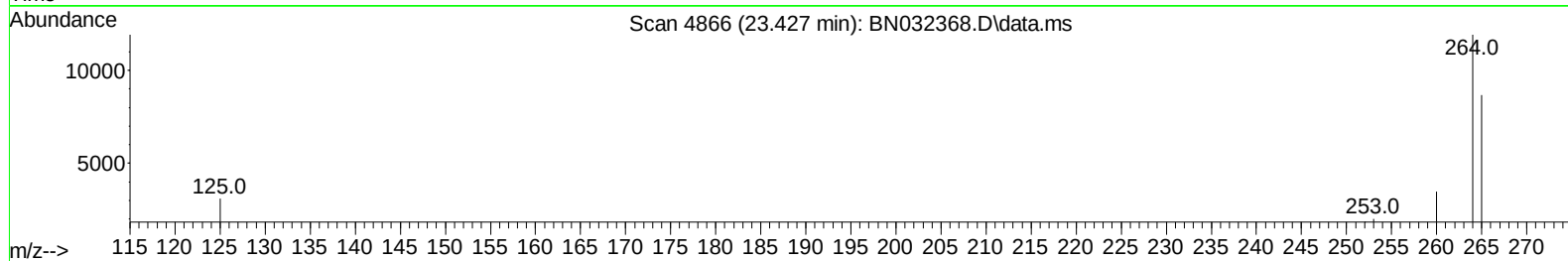
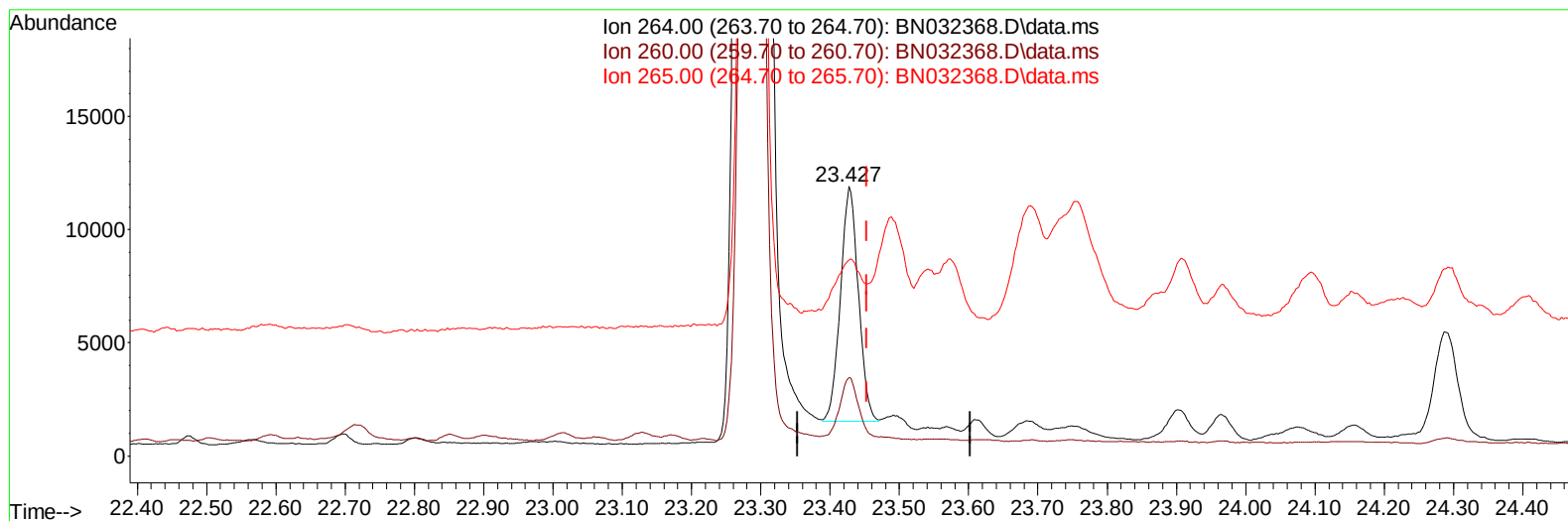
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032368.D
Acq On : 01 Jul 2024 18:55
Operator : MA/JU
Sample : P2934-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B72

Manual IntegrationsAPPROVED

Quant Time: Jul 01 23:45:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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TIC: BN032368.D\data.ms

(23) Perylene-d12 (I)

23.427min (-0.026) 0.40 ng/ul m

response 18583

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	29.15
265.00	67.20	72.74
0.00	0.00	0.00

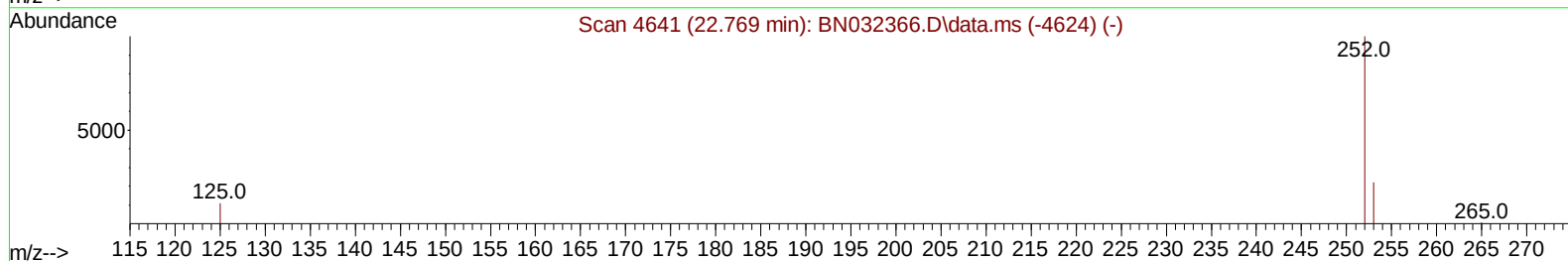
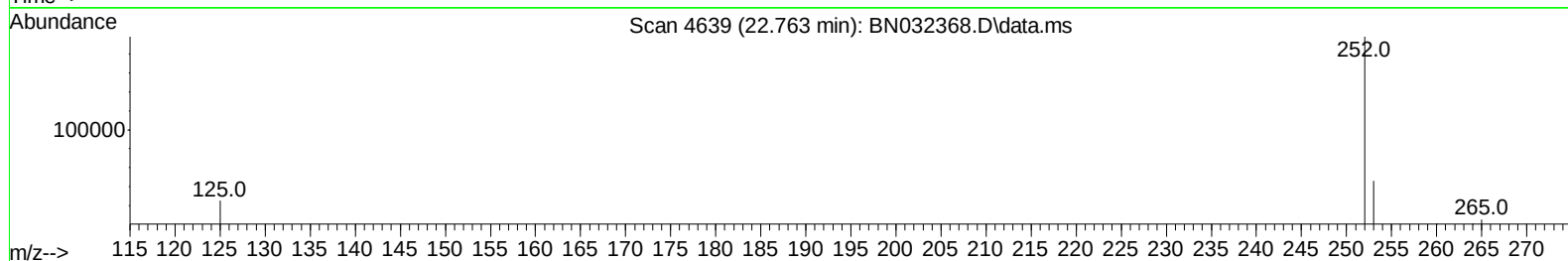
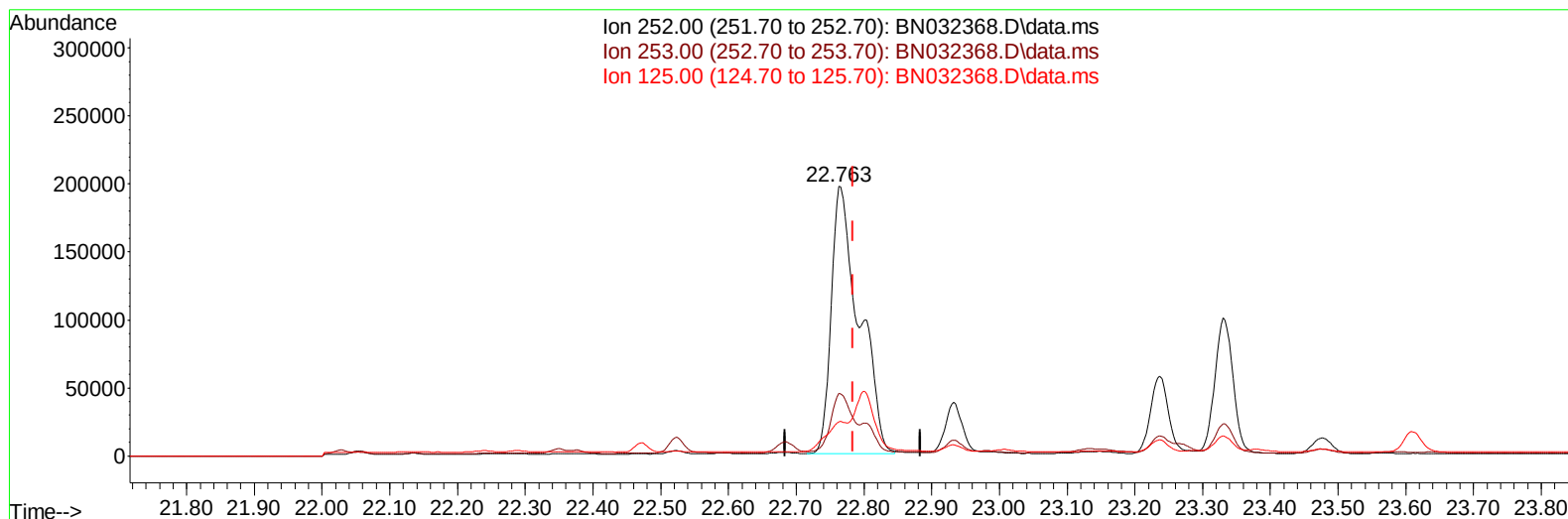
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032368.D
Acq On : 01 Jul 2024 18:55
Operator : MA/JU
Sample : P2934-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B72

Manual IntegrationsAPPROVED

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TIC: BN032368.D\data.ms

(24) Benzo(b)fluoranthene

22.763min (-0.021) 6.96 ng/u1

response 561994

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.16
125.00	16.00	12.72
0.00	0.00	0.00

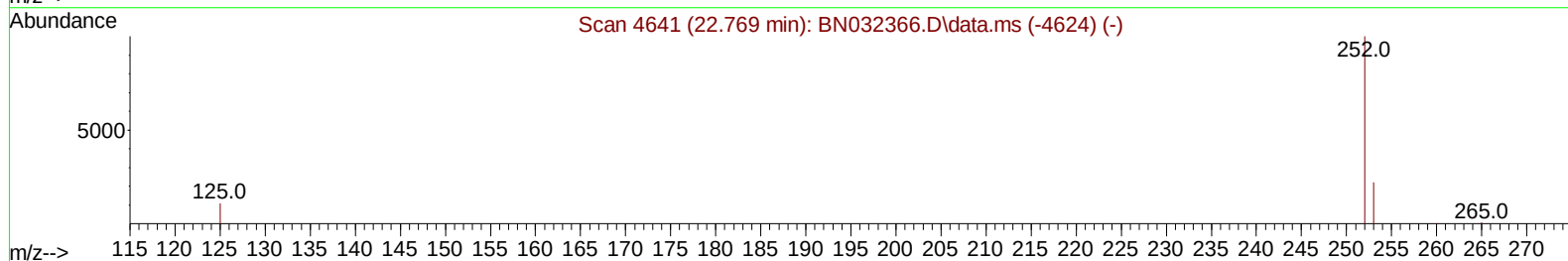
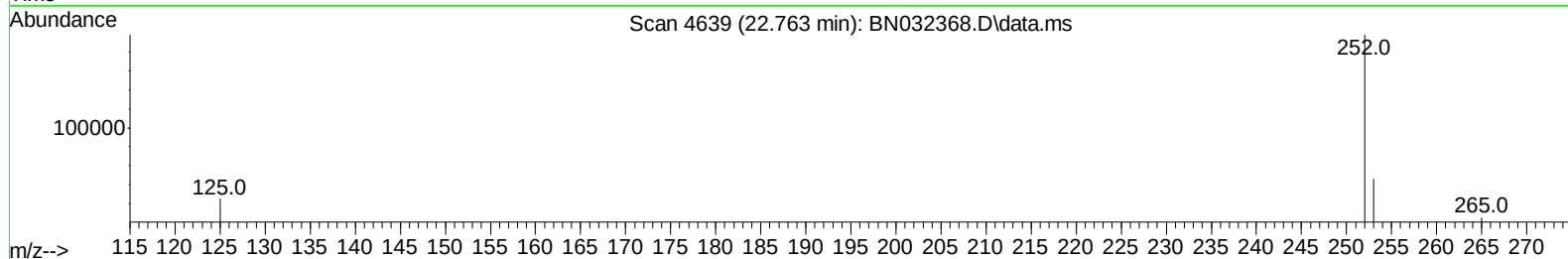
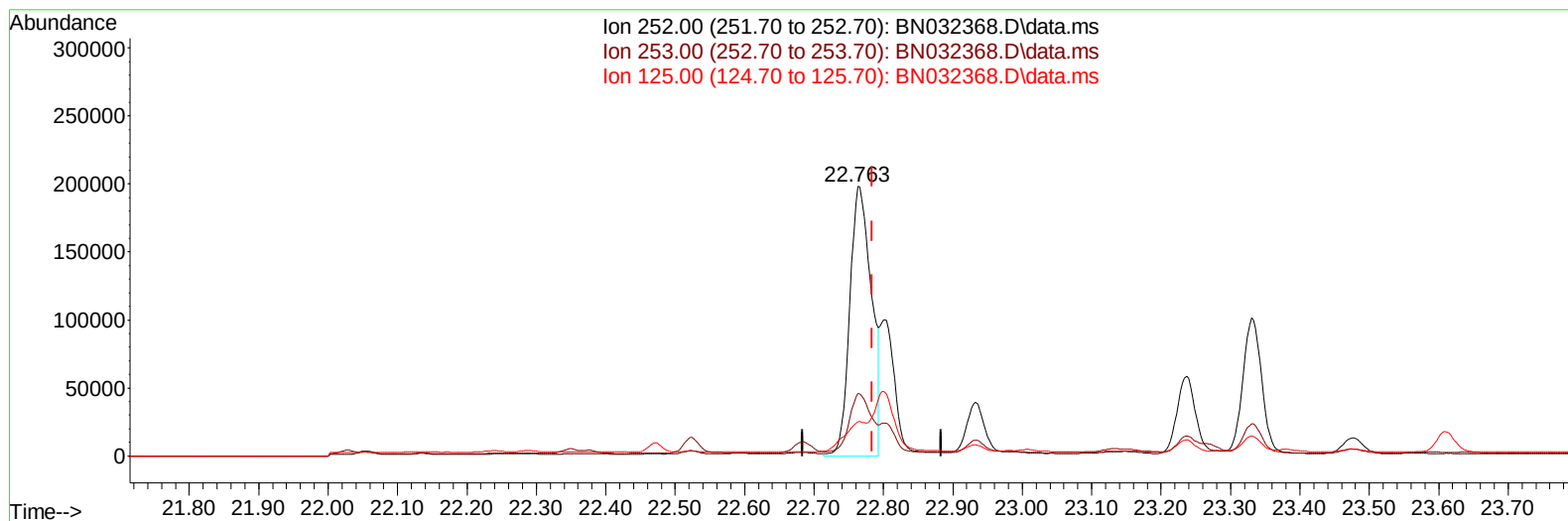
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032368.D
Acq On : 01 Jul 2024 18:55
Operator : MA/JU
Sample : P2934-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B72

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 01 23:45:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032368.D\data.ms

(24) Benzo(b)fluoranthene

22.763min (-0.021) 5.31 ng/ul m

response 428414

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	23.16
125.00	16.00	12.72
0.00	0.00	0.00

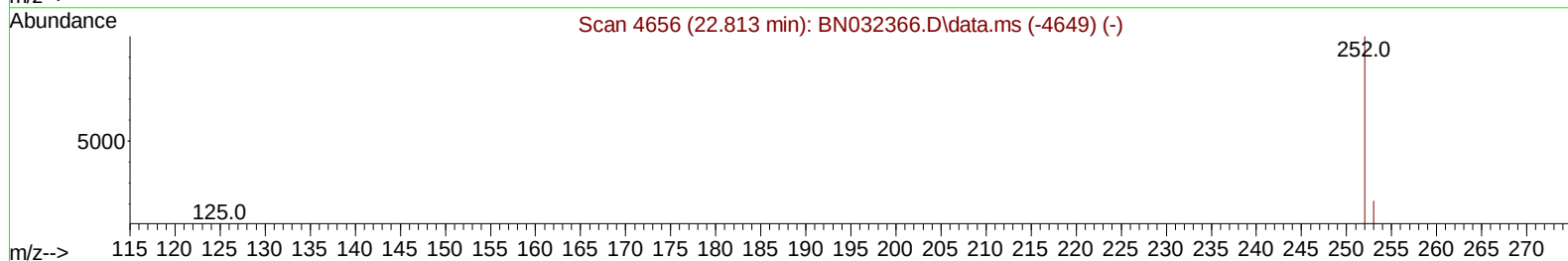
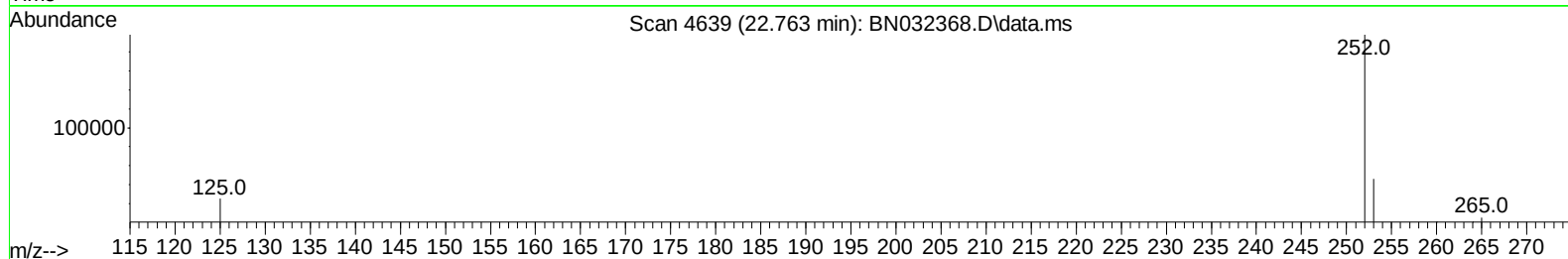
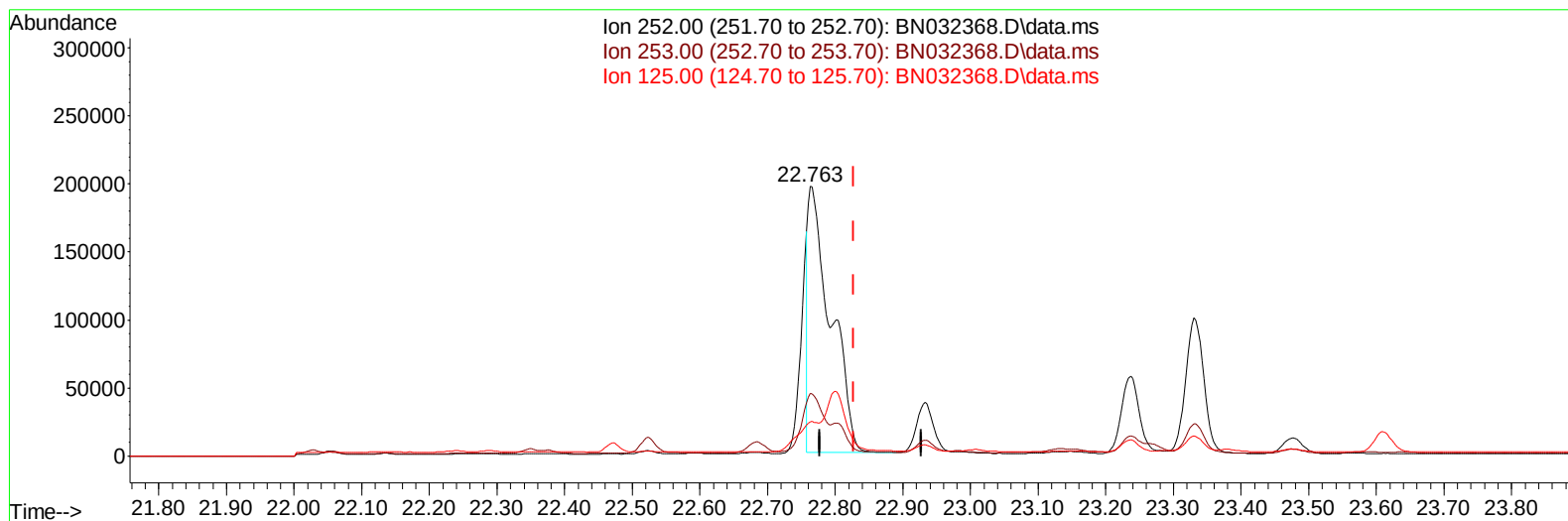
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032368.D
Acq On : 01 Jul 2024 18:55
Operator : MA/JU
Sample : P2934-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B72

Manual IntegrationsAPPROVED

Quant Time: Jul 01 23:45:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032368.D\data.ms

(25) Benzo(k)fluoranthene

22.763min (-0.064) 5.74 ng/u1

response 450529

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	23.16
125.00	16.00	12.72#
0.00	0.00	0.00

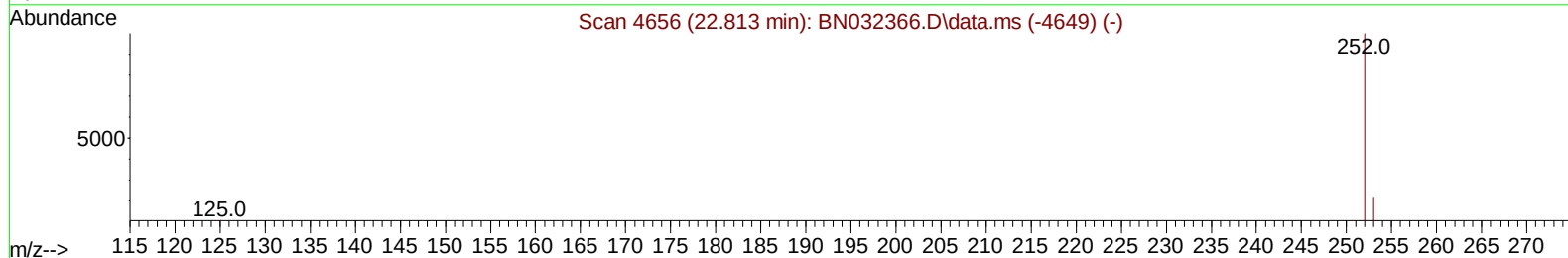
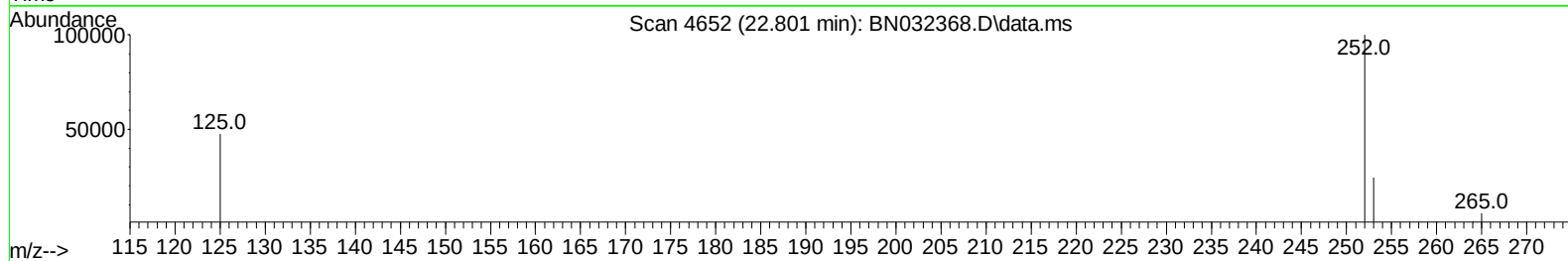
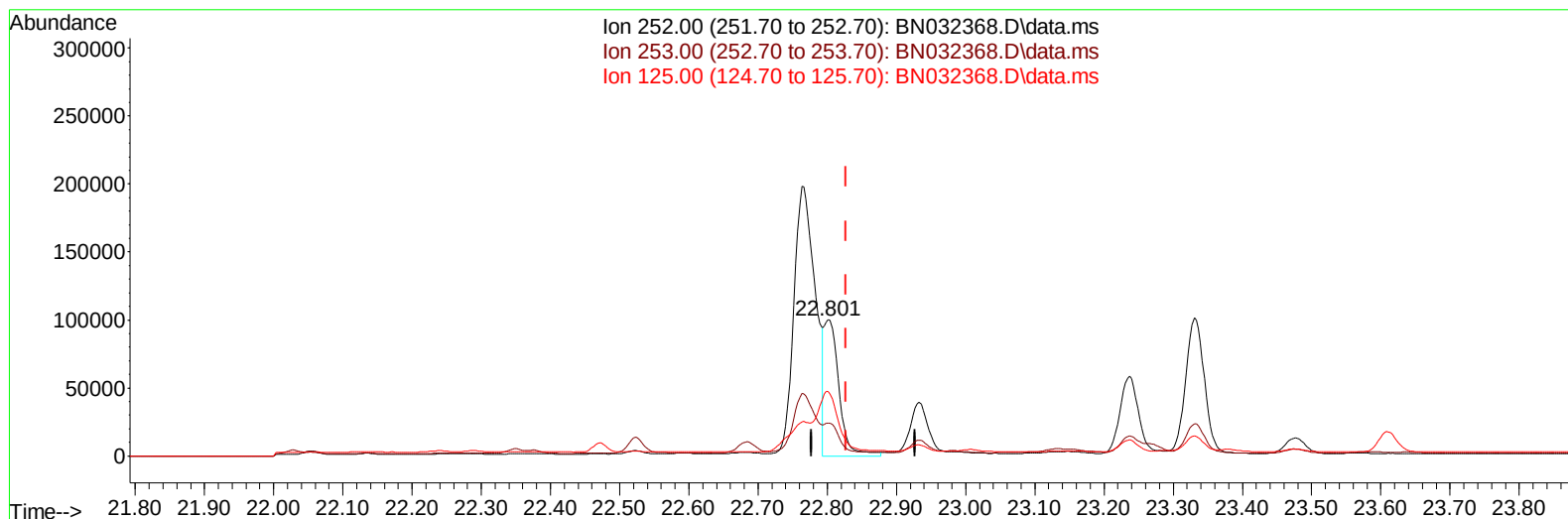
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032368.D
Acq On : 01 Jul 2024 18:55
Operator : MA/JU
Sample : P2934-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4B72

Manual IntegrationsAPPROVED

Quant Time: Jul 01 23:45:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032368.D\data.ms

(25) Benzo(k)fluoranthene

22.801min (-0.026) 1.95 ng/ul m

response 152689

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	24.30
125.00	16.00	47.48#
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	7992	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	22769	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	11621	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	20561m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.212	240	16440m	0.400	ng/ul	-0.01
23) Perylene-d12	23.427	264	18583m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	26430	2.975	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	6891	0.202	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	11263	0.228	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.431	128	37008	0.614	ng/ul	100
7) 2-Methylnaphthalene	12.059	142	10593	0.265	ng/ul	98
8) 1-Methylnaphthalene	12.279	142	6531	0.158	ng/ul	99
10) Acenaphthylene	13.976	152	42937	0.888	ng/ul	100
11) Acenaphthene	14.318	153	16471	0.439	ng/ul	99
12) Fluorene	15.308	166	19203	0.430	ng/ul	99
15) Phenanthrene	17.050	178	299449m	5.312	ng/ul	
16) Anthracene	17.143	178	59665m	1.187	ng/ul	
19) Fluoranthene	19.078	202	540797	8.639	ng/ul	99
20) Pyrene	19.440	202	418293	6.394	ng/ul	100
21) Benzo(a)anthracene	21.194	228	287045	4.838	ng/ul	98
22) Chrysene	21.249	228	285446	4.383	ng/ul	97
24) Benzo(b)fluoranthene	22.763	252	428414m	5.306	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	152689m	1.946	ng/ul	
26) Benzo(a)pyrene	23.330	252	188082	3.348	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.663	276	175780	1.999	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.666	278	54643	0.836	ng/ul#	89
29) Benzo(g,h,i)perylene	26.351	276	27396	0.391	ng/ul#	87

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

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