

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_N

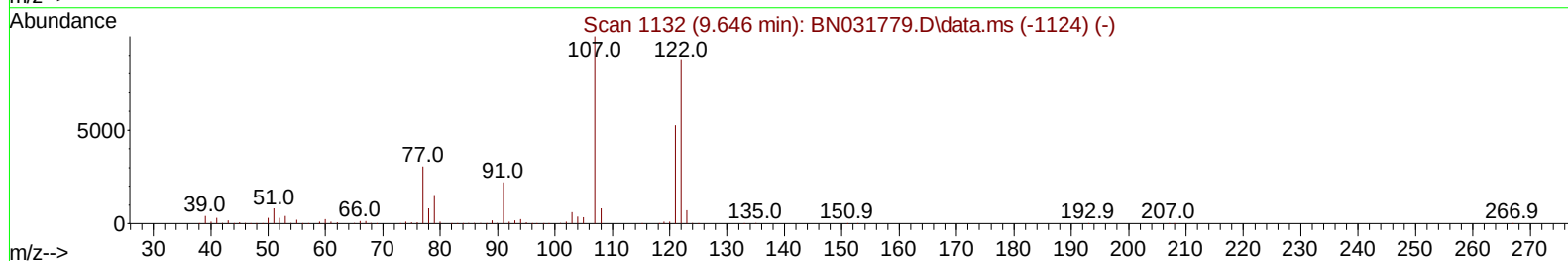
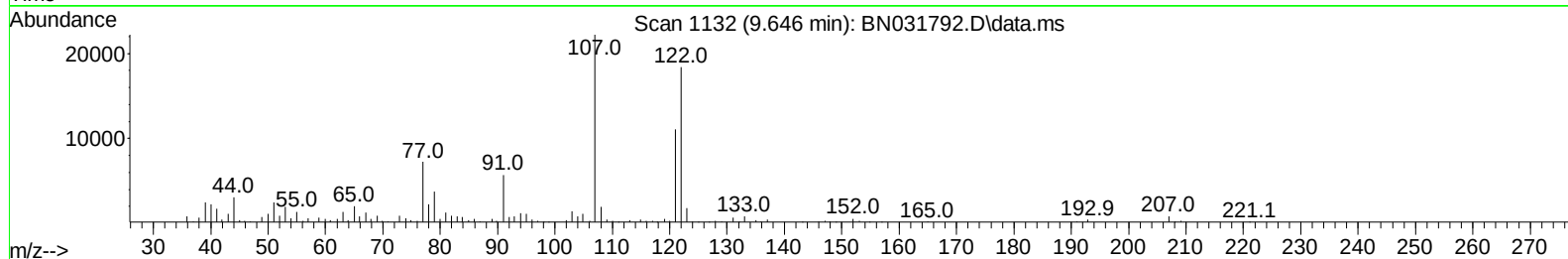
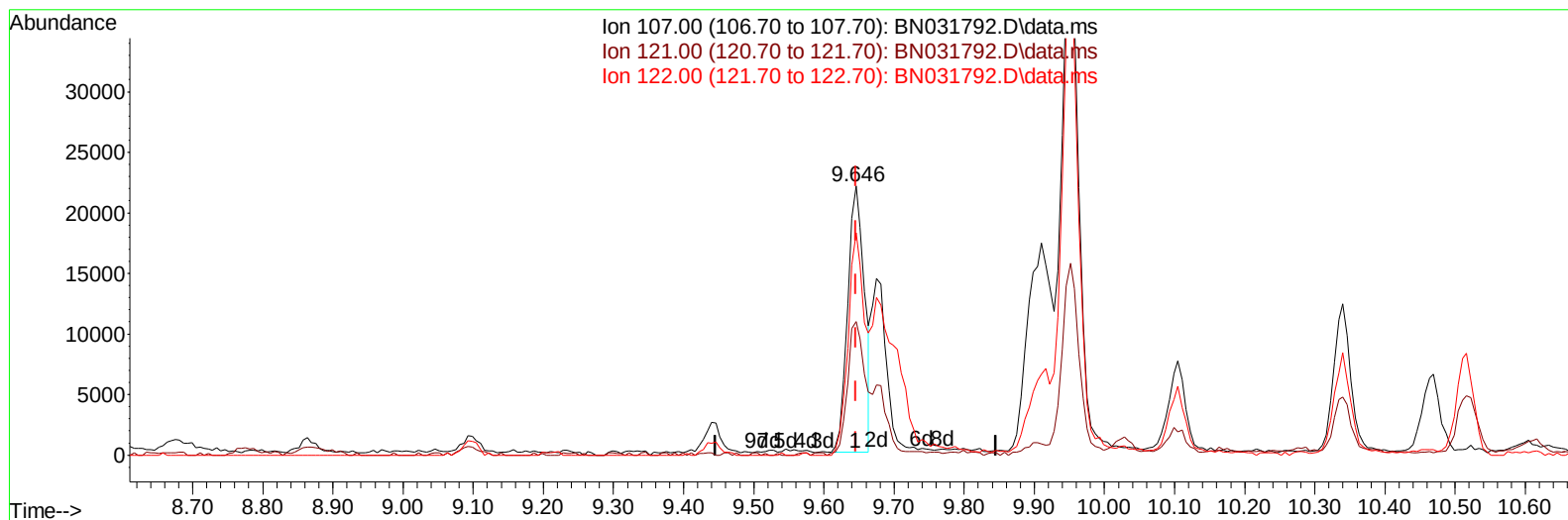
ClientSampleId :

BH5S8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 01:36:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BN031792.D\data.ms

(26) 2,4-Dimethylphenol

9.646min (+ 0.000) 0.90 ng/u1

response 36740

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	51.00	49.69
122.00	88.00	82.74
0.00	0.00	0.00

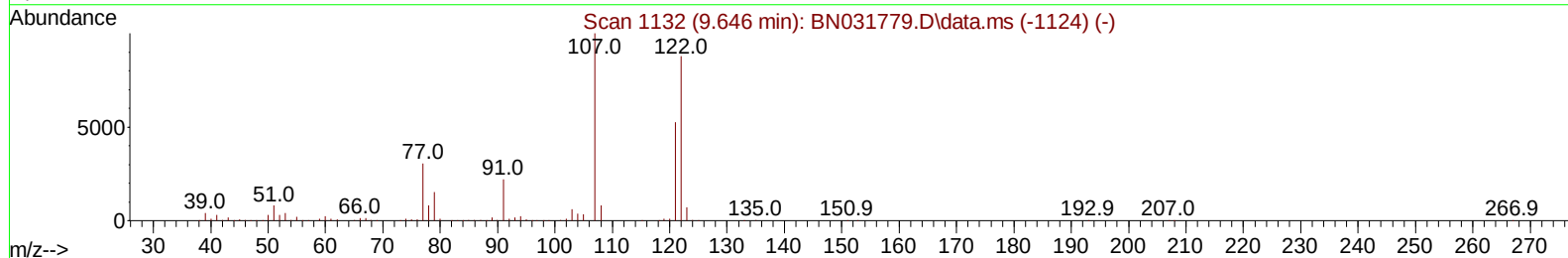
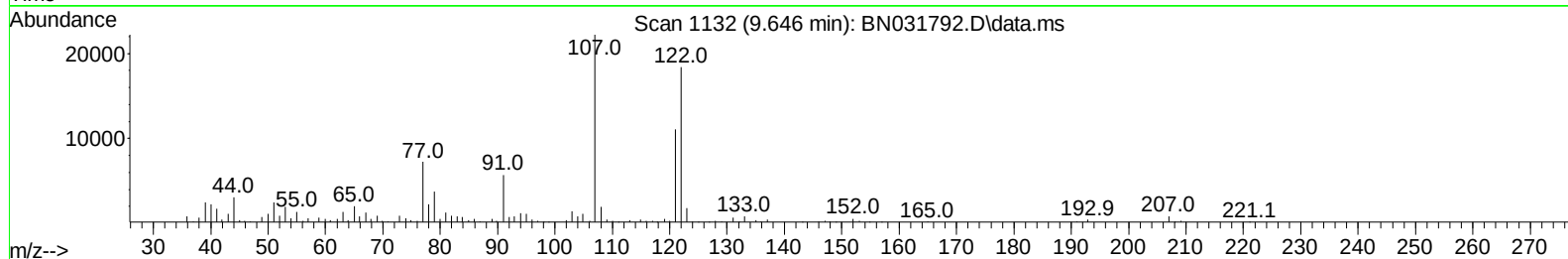
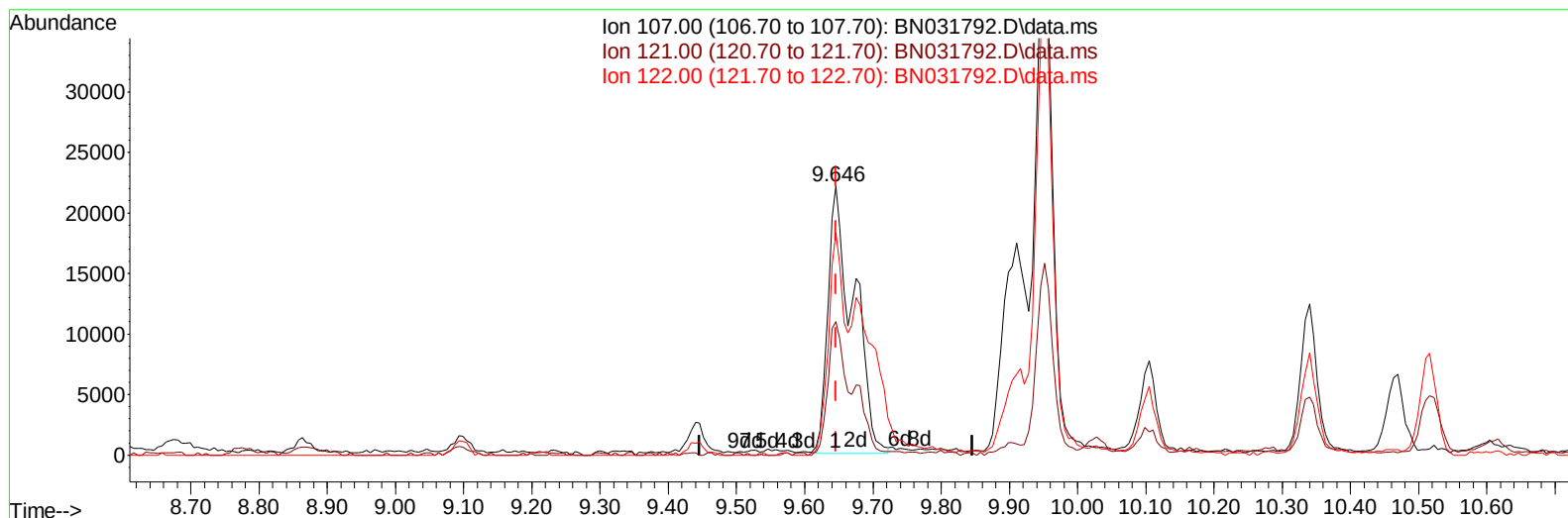
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031792.D
 Acq On : 05 Jun 2024 01:26
 Operator : MA/JU
 Sample : P2591-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5S8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 01:36:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
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 Supervised By :mohammad ahmed 06/07/2024



TIC: BN031792.D\data.ms

(26) 2,4-Dimethylphenol

9.646min (+ 0.000) 1.43 ng/ul m

response 58315

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	51.00	49.69
122.00	88.00	82.74
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031792.D
 Acq On : 05 Jun 2024 01:26
 Operator : MA/JU
 Sample : P2591-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_N

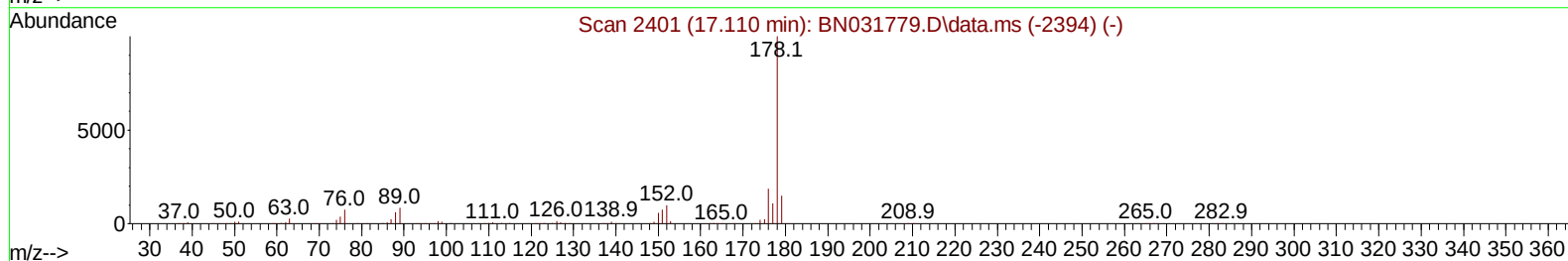
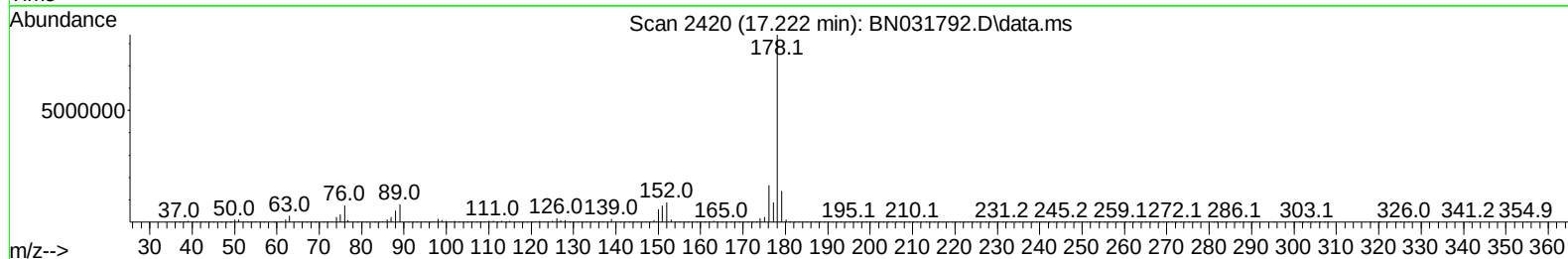
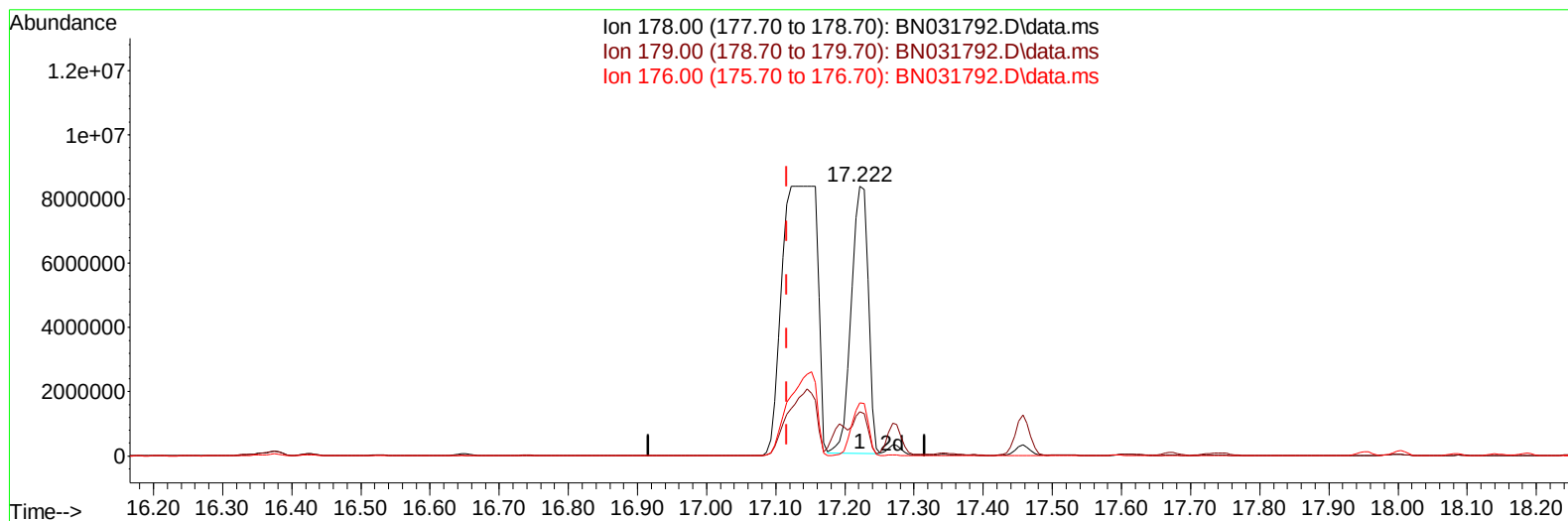
ClientSampleId :

BH5S8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 06 03:48:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration



TIC: BN031792.D\data.ms

(72) Phenanthrene

17.222min (+ 0.106) 135.62 ng/ul

response 14236590

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	16.51
176.00	19.70	19.59
0.00	0.00	0.00

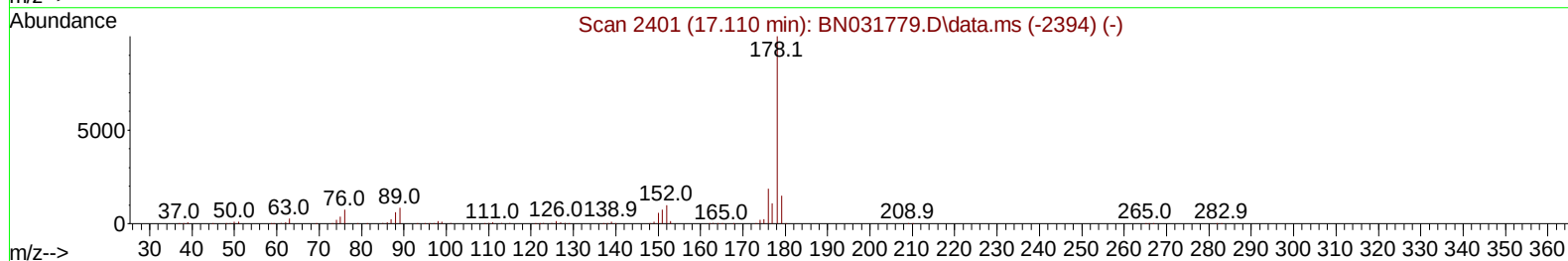
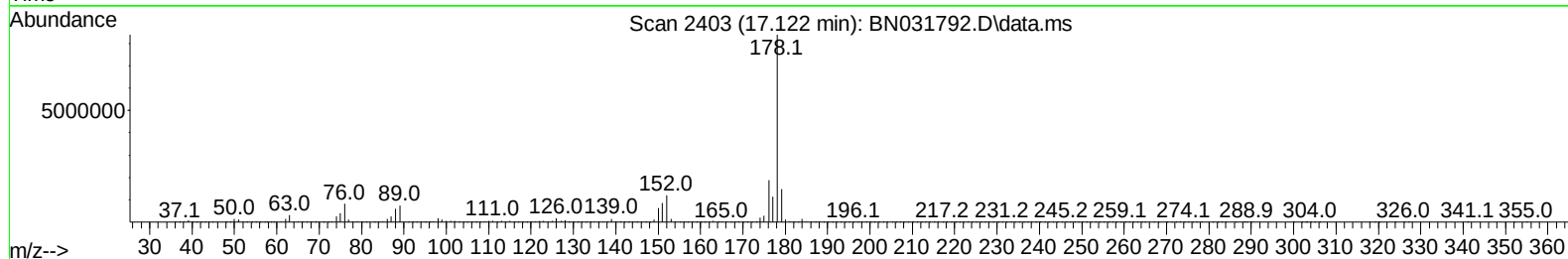
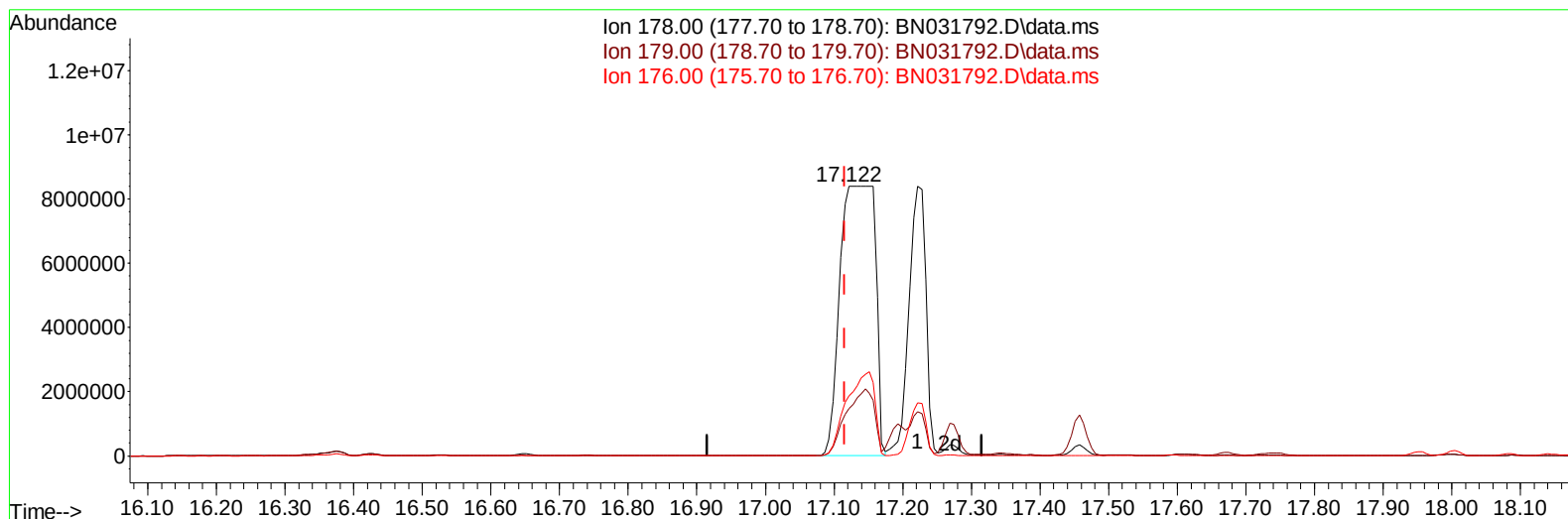
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031792.D
 Acq On : 05 Jun 2024 01:26
 Operator : MA/JU
 Sample : P2591-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5S8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 03:48:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BN031792.D\data.ms

(72) Phenanthrene

17.122min (+ 0.006) 282.97 ng/ul m

response 29705273

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.80	17.51
176.00	19.70	22.36
0.00	0.00	0.00

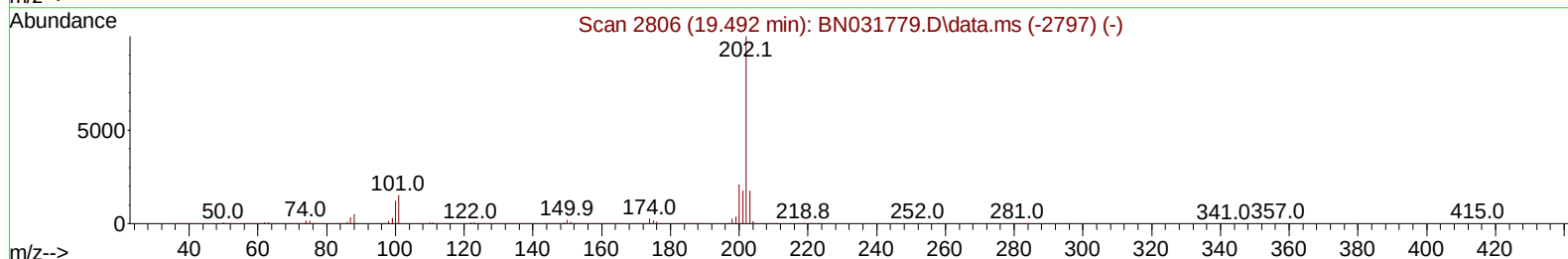
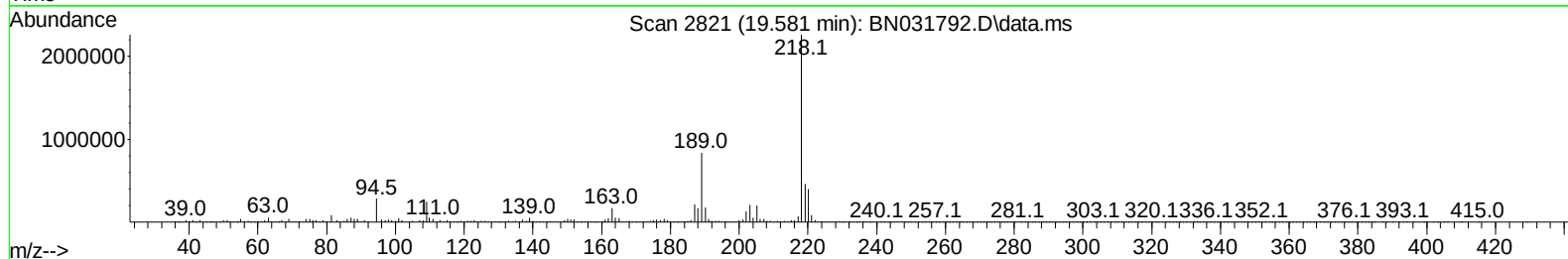
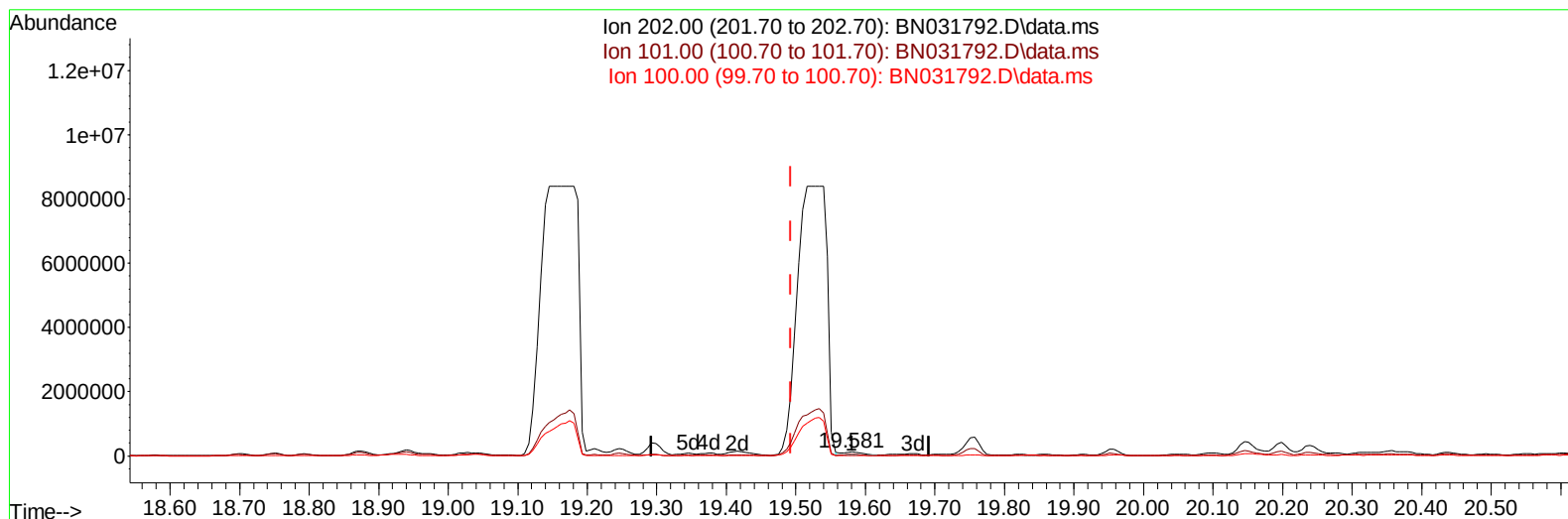
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 3

Instrument :
BNA_N
ClientSampleId :
BH5S8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 03:50:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BN031792.D\data.ms

(82) Pyrene

19.581min (+ 0.088) 3.13 ng/u1

response 178706

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	38.36#
100.00	12.70	13.96
0.00	0.00	0.00

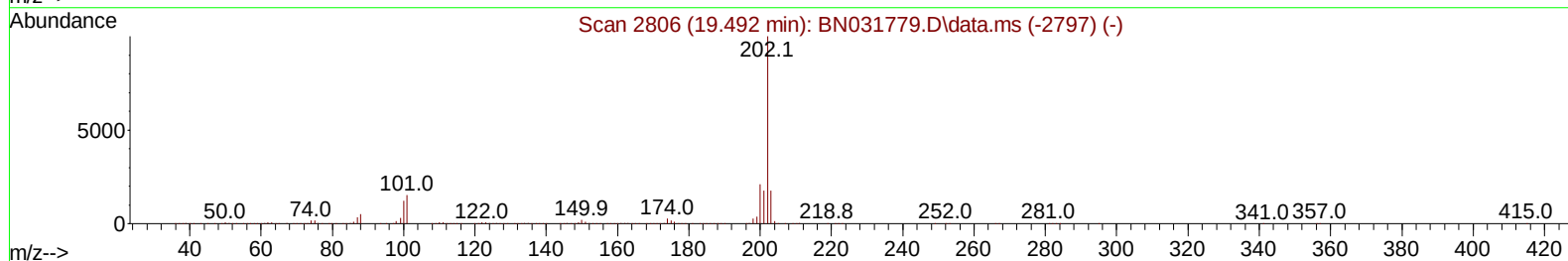
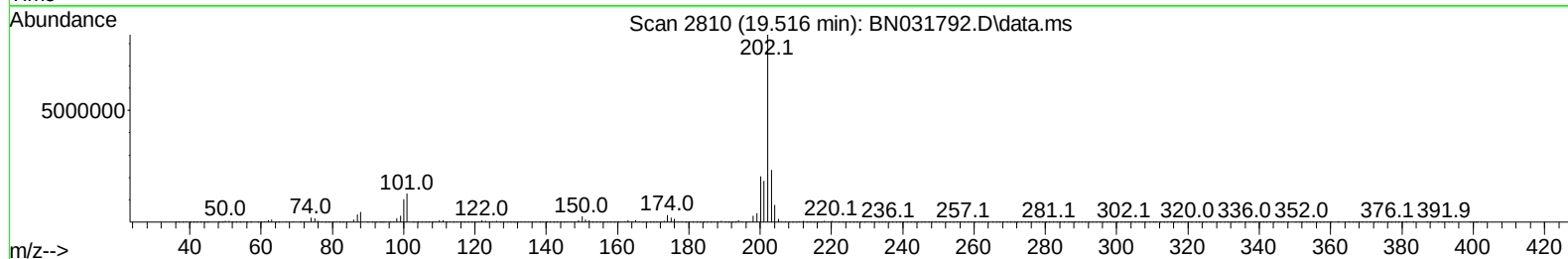
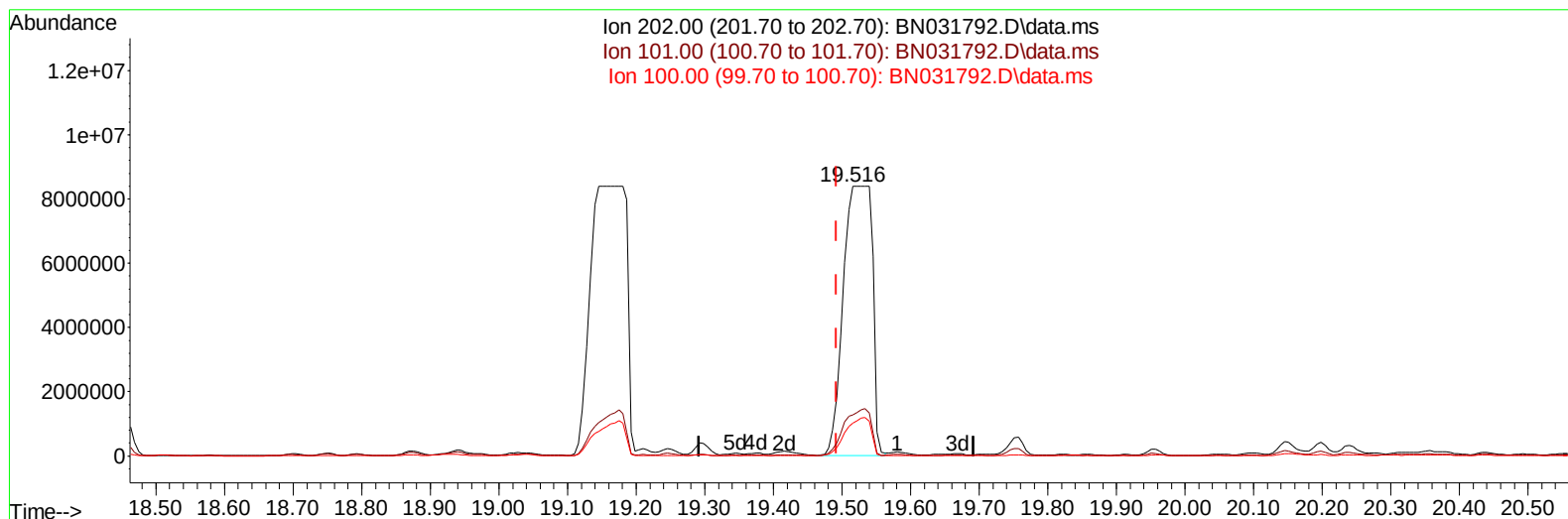
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031792.D
 Acq On : 05 Jun 2024 01:26
 Operator : MA/JU
 Sample : P2591-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5S8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 03:50:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BN031792.D\data.ms

(82) Pyrene

19.516min (+ 0.024) 429.27 ng/ul m

response 24511900

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	15.24
100.00	12.70	12.20
0.00	0.00	0.00

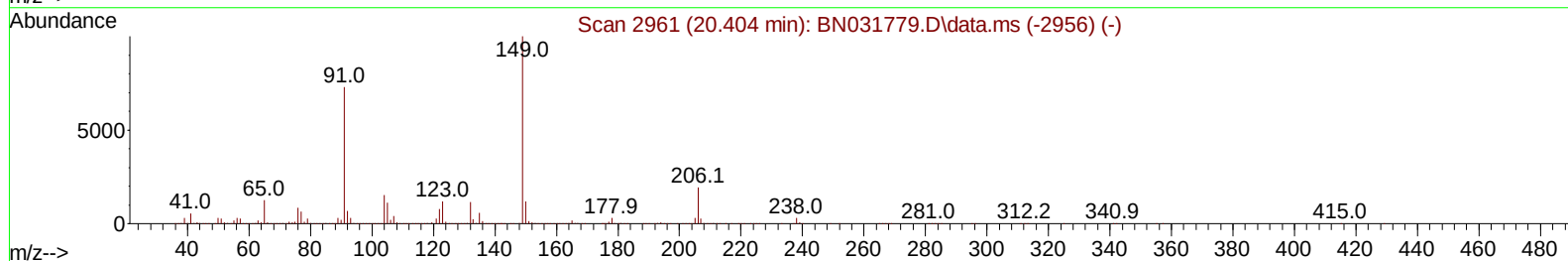
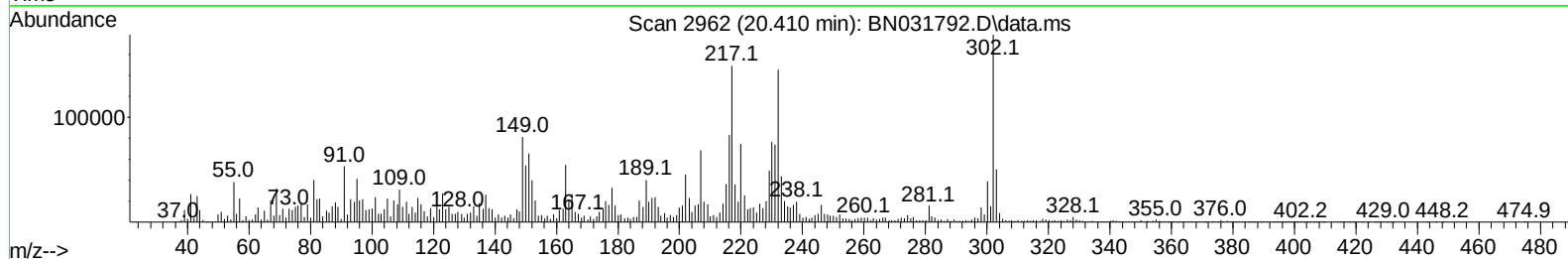
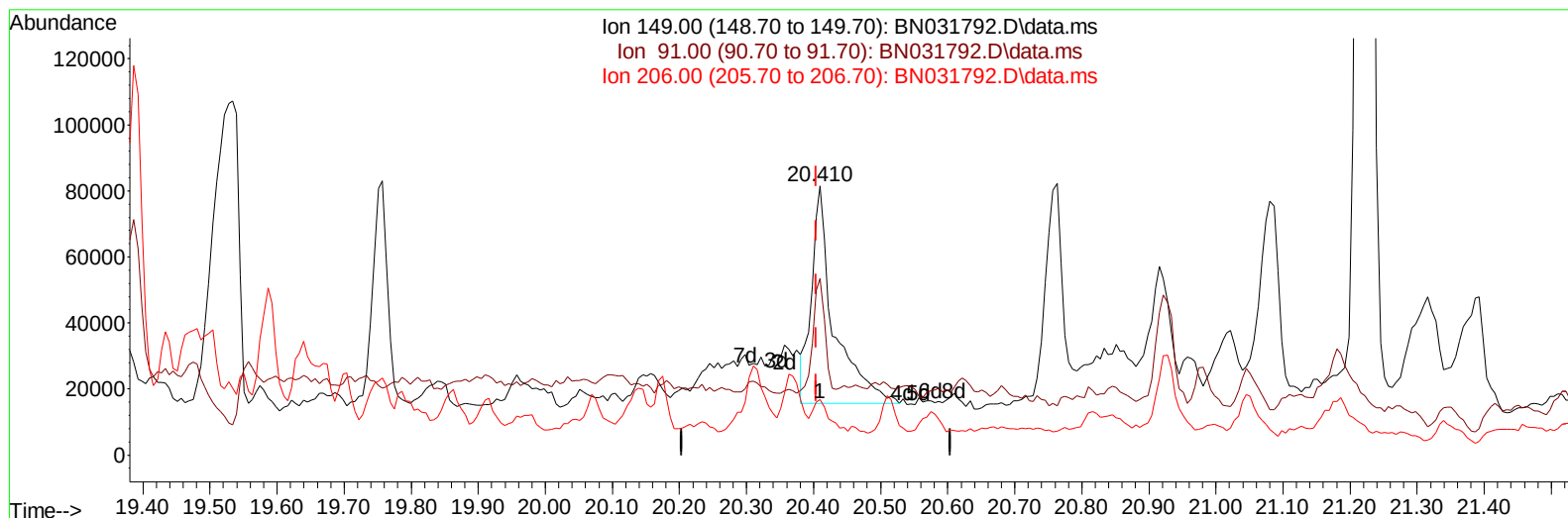
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031792.D
 Acq On : 05 Jun 2024 01:26
 Operator : MA/JU
 Sample : P2591-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5S8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 03:50:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BN031792.D\data.ms

(83) Butylbenzylphthalate

20.410min (+ 0.006) 5.65 ng/u1

response 152439

Ion	Exp%	Act%
149.00	100.00	100.00
91.00	76.20	65.61
206.00	20.60	20.76
0.00	0.00	0.00

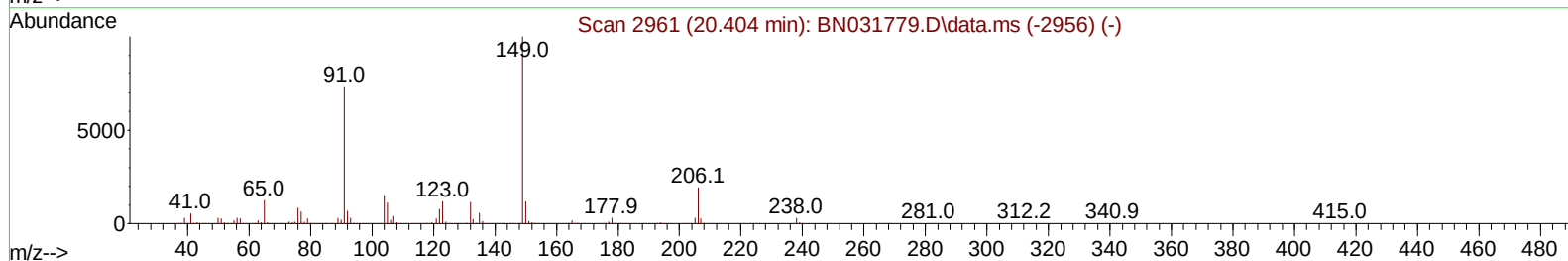
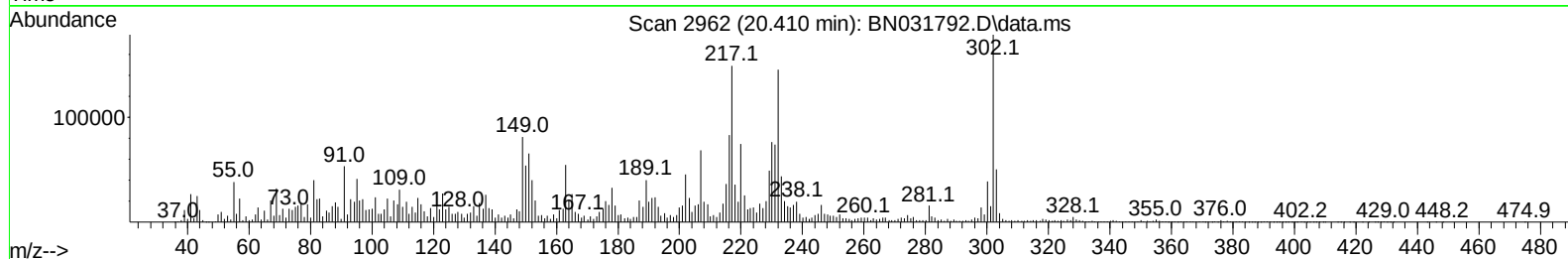
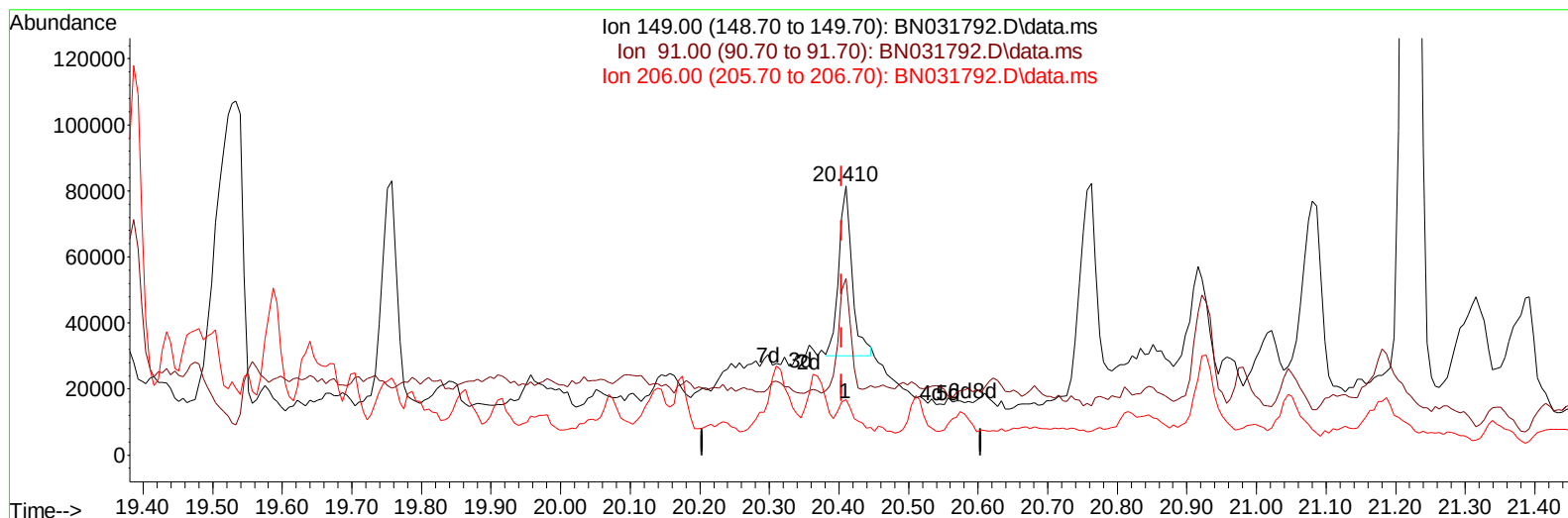
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031792.D
 Acq On : 05 Jun 2024 01:26
 Operator : MA/JU
 Sample : P2591-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5S8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 03:50:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BN031792.D\data.ms

(83) Butylbenzylphthalate

20.410min (+ 0.006) 2.52 ng/ul m

response 67886

Ion	Exp%	Act%
149.00	100.00	100.00
91.00	76.20	65.61
206.00	20.60	20.76
0.00	0.00	0.00

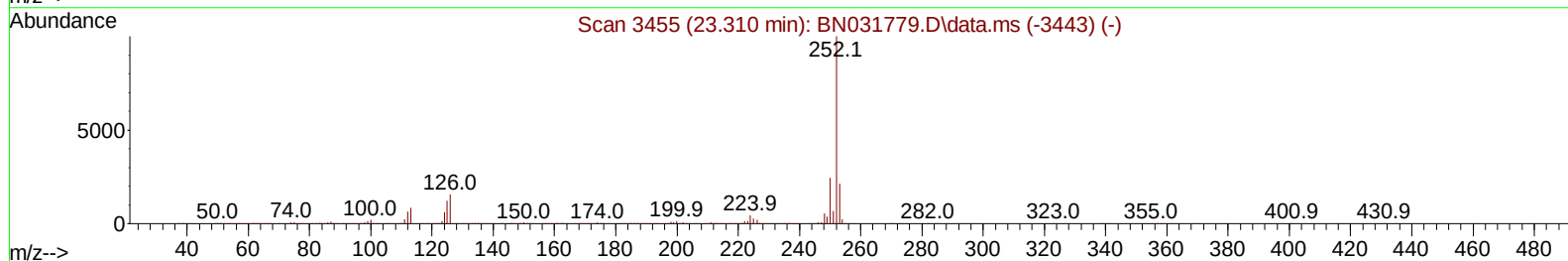
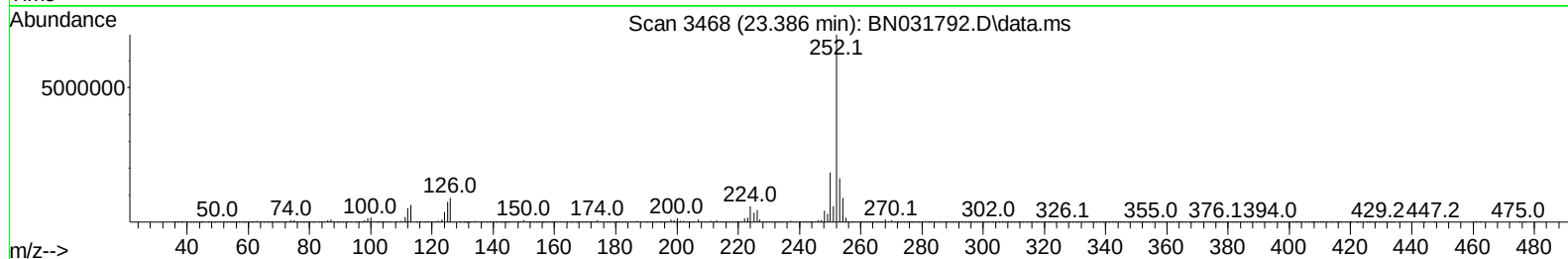
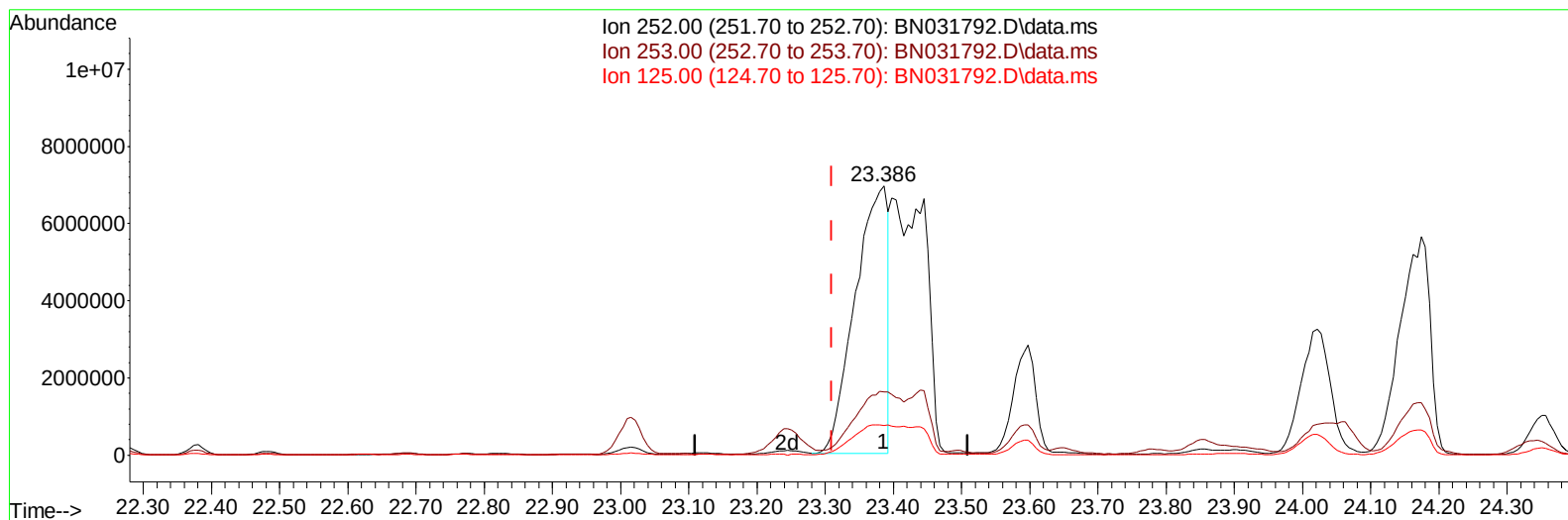
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 03:51:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BN031792.D\data.ms

(90) Benzo(b)fluoranthene

23.386min (+ 0.076) 211.95 ng/uL

response 23042429

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.30	23.47
125.00	11.50	10.98
0.00	0.00	0.00

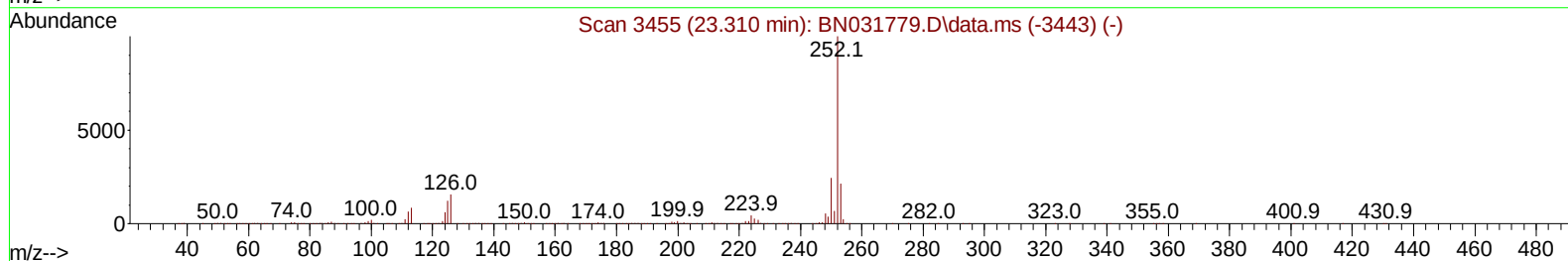
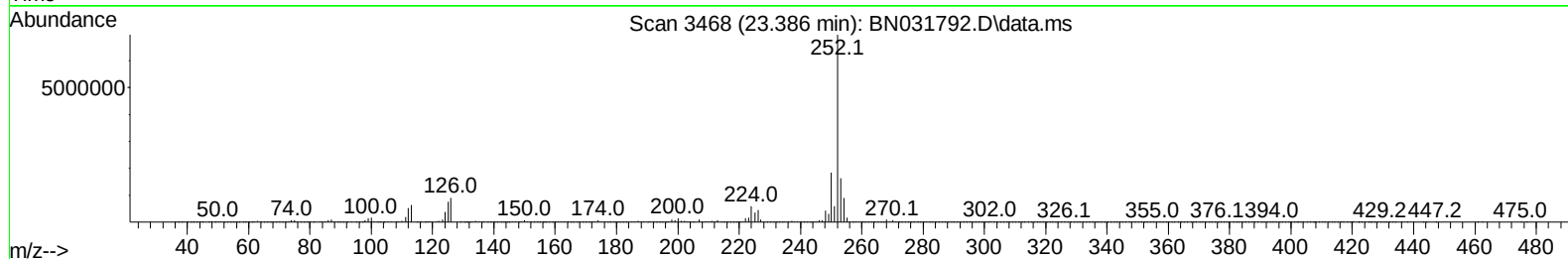
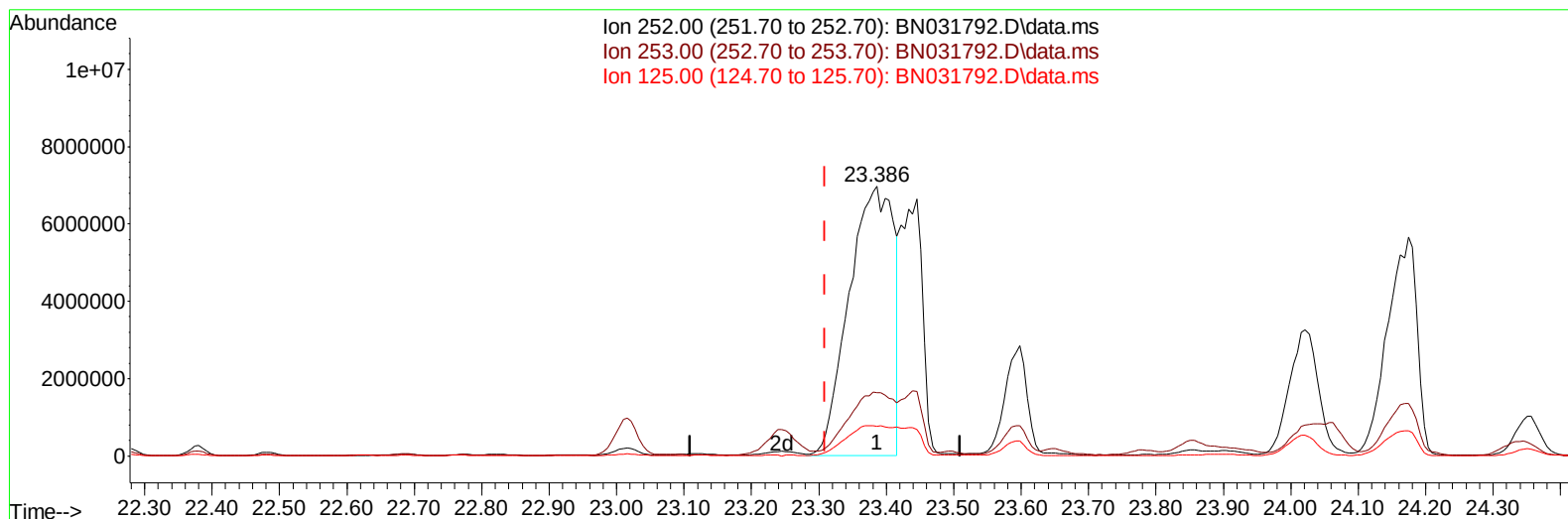
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 06 03:51:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration



TIC: BN031792.D\data.ms

(90) Benzo(b)fluoranthene

23.386min (+ 0.076) 295.56 ng/ul m

response 32133058

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.30	23.47
125.00	11.50	10.98
0.00	0.00	0.00

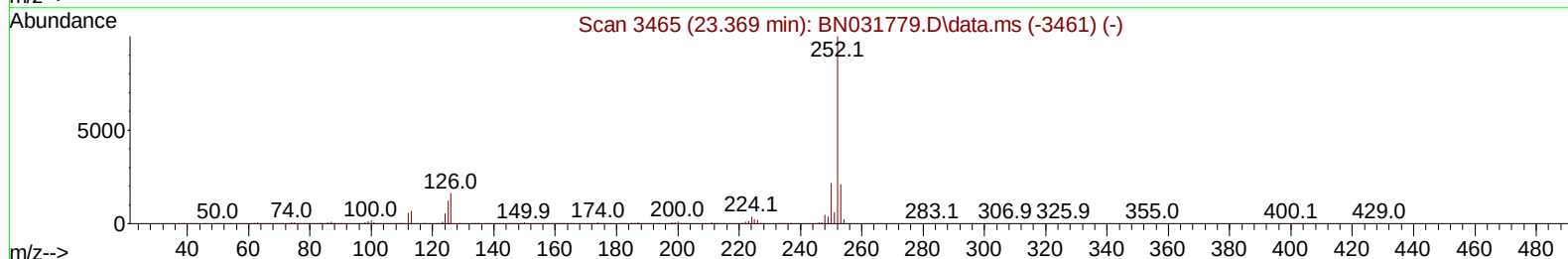
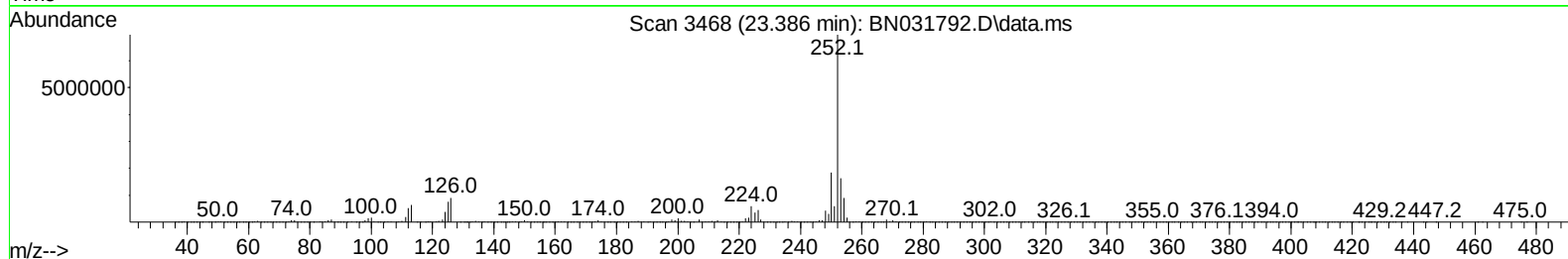
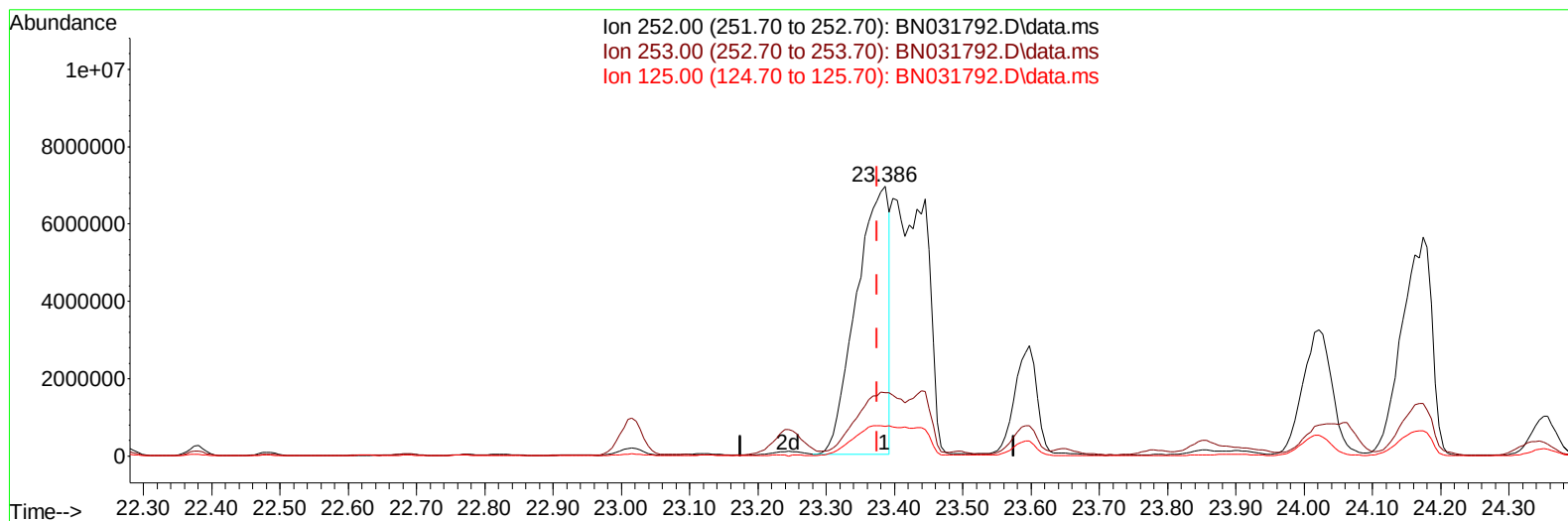
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 03:51:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BN031792.D\data.ms

(91) Benzo(k)fluoranthene

23.386min (+ 0.012) 215.99 ng/ul

response 23042429

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	23.47
125.00	11.80	10.98
0.00	0.00	0.00

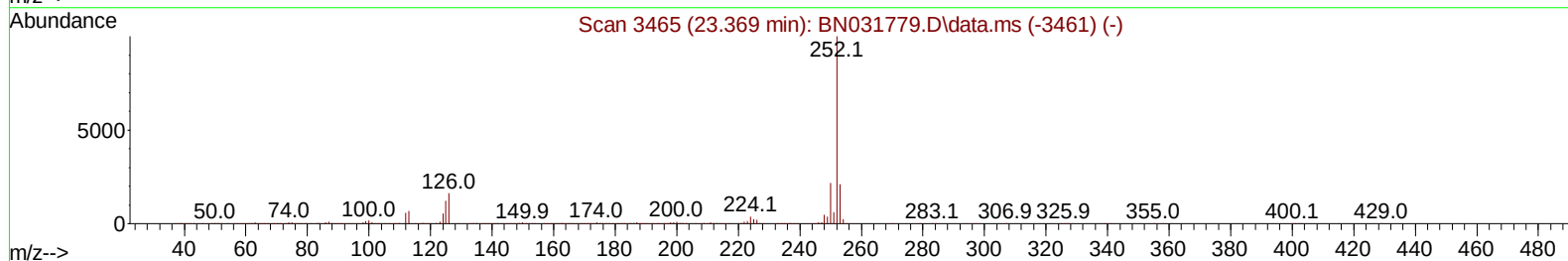
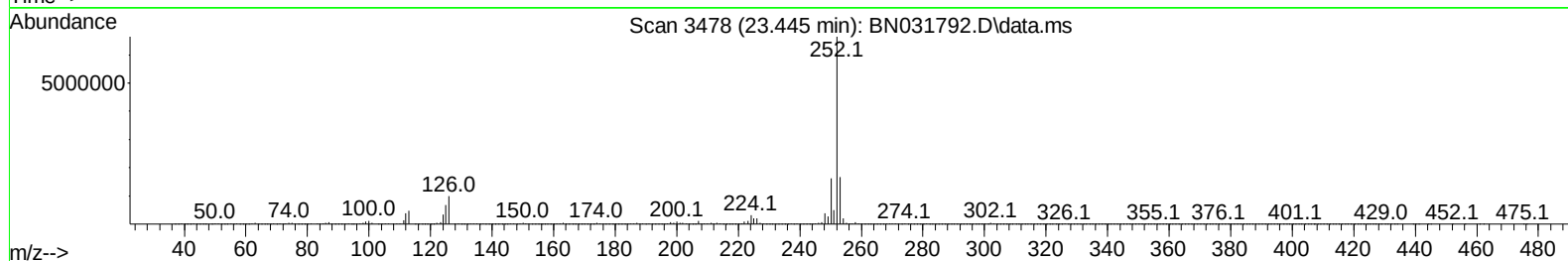
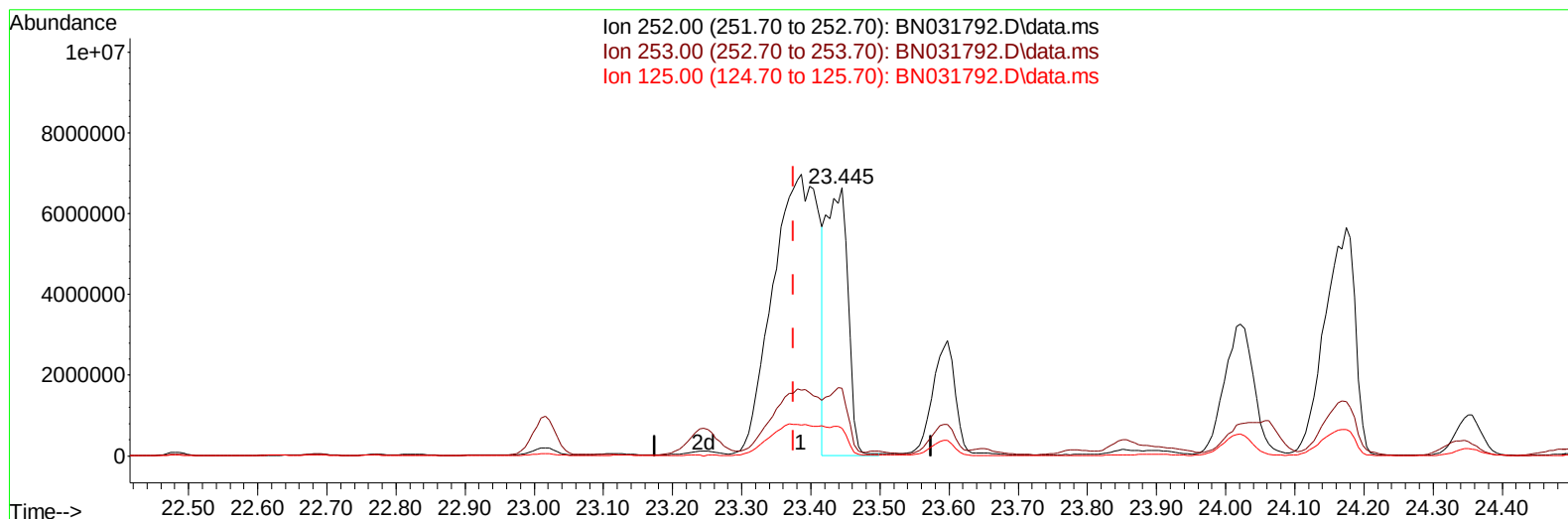
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 03:51:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BN031792.D\data.ms

(91) Benzo(k)fluoranthene

23.445min (+ 0.071) 134.74 ng/ul m

response 14374672

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	25.18
125.00	11.80	10.24
0.00	0.00	0.00

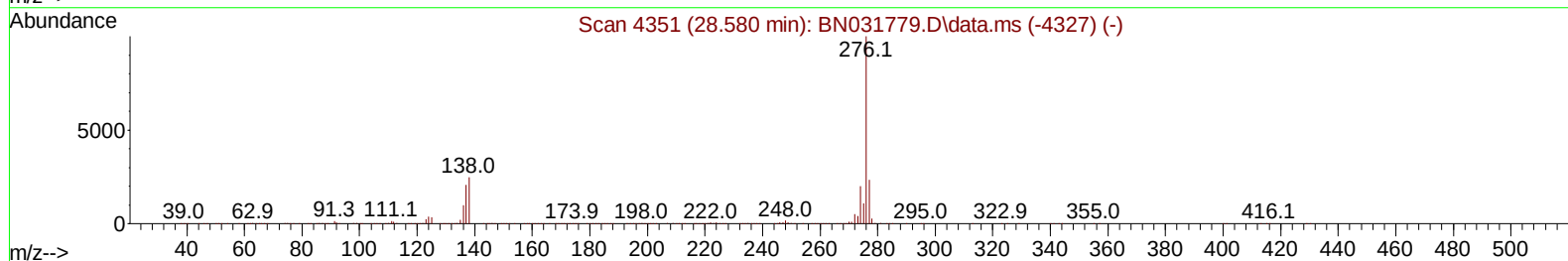
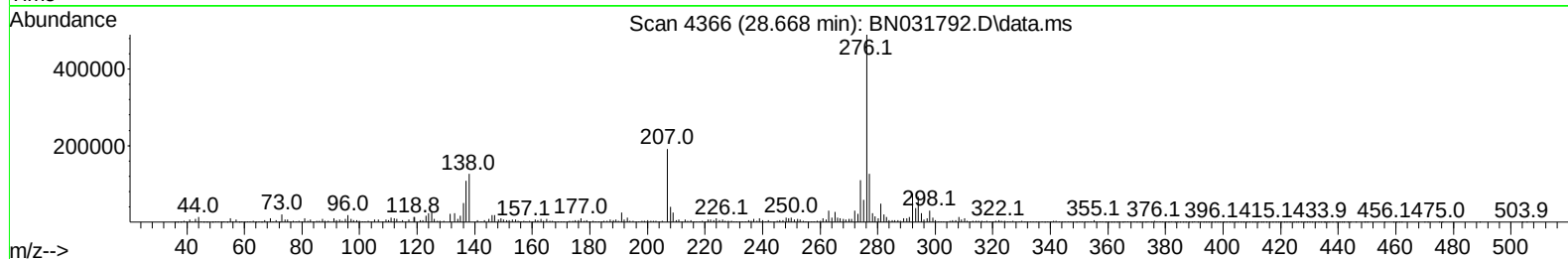
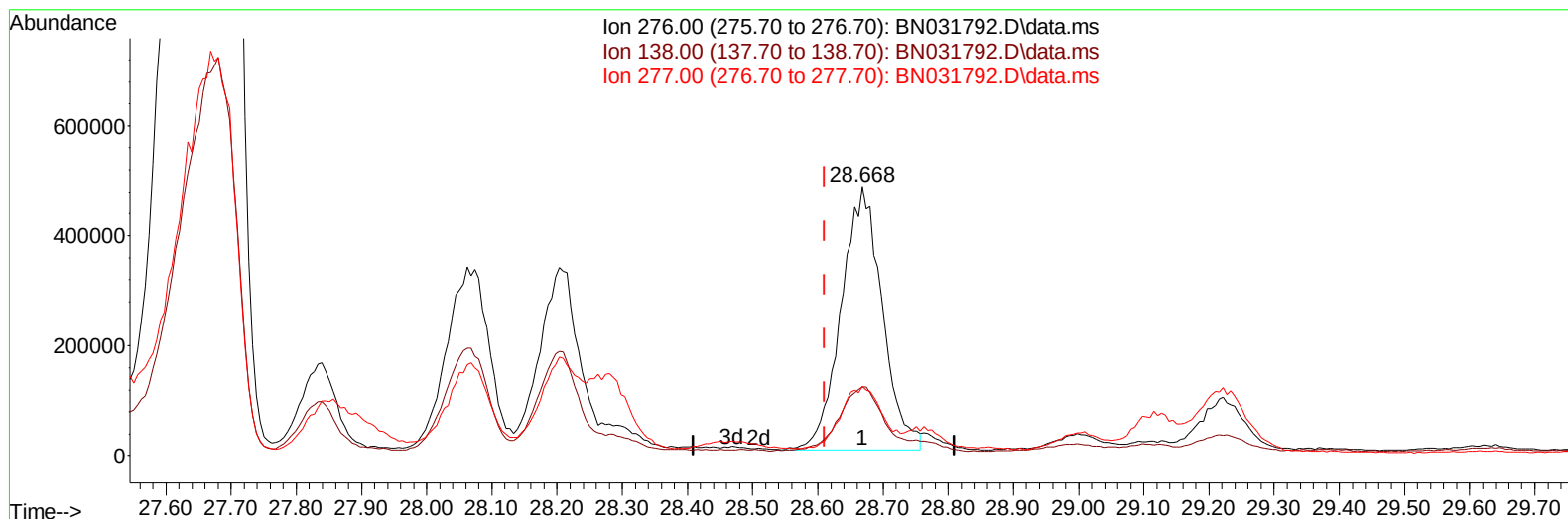
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 03:52:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BN031792.D\data.ms

(96) Benzo(g,h,i)perylene

28.668min (+ 0.058) 22.46 ng/u1

response 2095012

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	25.67
277.00	22.50	25.90
0.00	0.00	0.00

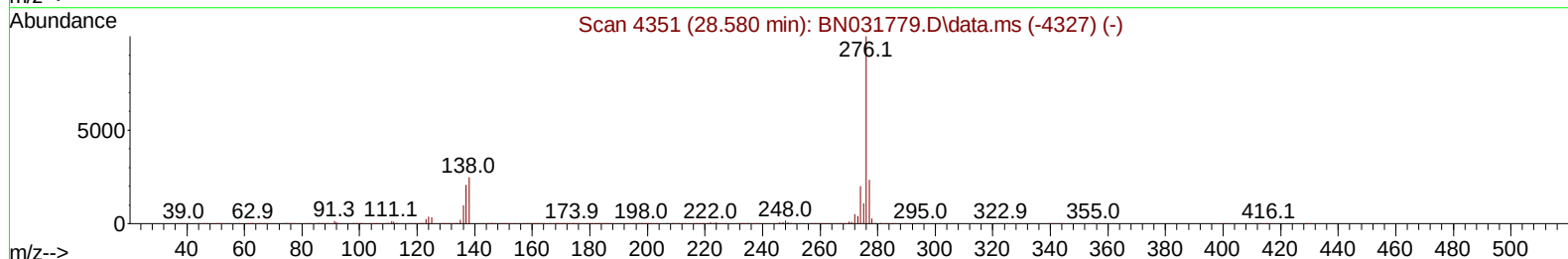
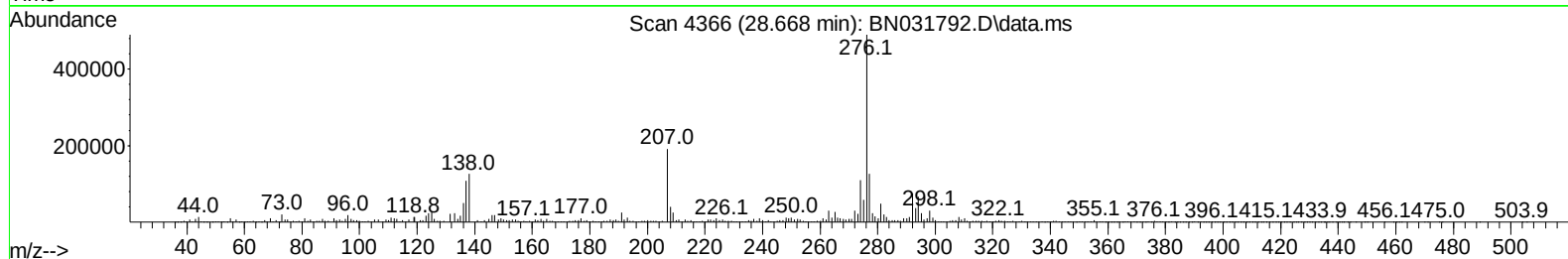
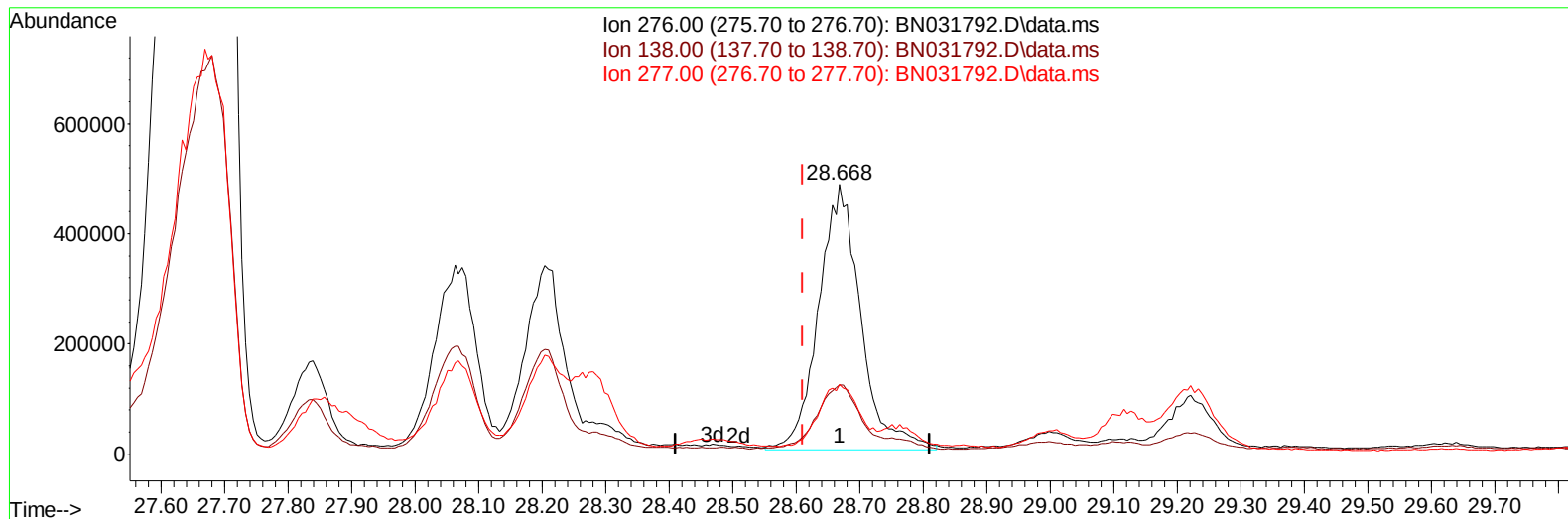
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031792.D
Acq On : 05 Jun 2024 01:26
Operator : MA/JU
Sample : P2591-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8

Manual IntegrationsAPPROVED

Quant Time: Jun 06 03:52:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024



TIC: BN031792.D\data.ms

(96) Benzo(g,h,i)perylene

28.668min (+ 0.058) 23.69 ng/ul m

response 2209908

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	26.10	25.67
277.00	22.50	25.90
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	7.681	152	564712	20.000	ng/uI	0.00
20) Naphthalene-d8	10.463	136	2435104	20.000	ng/uI	0.00
38) Acenaphthene-d10	14.322	164	1377937	20.000	ng/uI	0.00
64) Phenanthrene-d10	17.081	188	2060740	20.000	ng/uI	0.01
79) Chrysene-d12	21.339	240	870251	20.000	ng/uI	0.04
88) Perylene-d12	24.280	264	1818874	20.000	ng/uI	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	38146	2.795	ng/uL	0.00
4) Pyridine-d5	3.599	84	369068	9.605	ng/uI	0.00
7) Phenol-d5	6.852	99	1068165	22.064	ng/uI	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	566047	19.989	ng/uI	0.00
11) 2-Chlorophenol-d4	7.216	132	838355	22.696	ng/uI	0.00
15) 4-Methylphenol-d8	8.387	113	839669	21.277	ng/uI	0.00
21) Nitrobenzene-d5	8.834	128	425415	22.849	ng/uI	0.00
24) 2-Nitrophenol-d4	9.552	143	460897	23.964	ng/uI	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	797041	22.198	ng/uI	0.00
31) 4-Chloroaniline-d4	10.605	131	561436	10.531	ng/uI	0.00
46) Dimethylphthalate-d6	13.740	166	2170754	22.613	ng/uI	0.00
49) Acenaphthylene-d8	14.016	160	2579046	23.365	ng/uI	0.00
54) 4-Nitrophenol-d4	14.546	143	307230	15.985	ng/uI	0.02
60) Fluorene-d10	15.316	176	1753698	21.591	ng/uI	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	61155	5.904	ng/uI	0.03
73) Anthracene-d10	17.187	188	2032009	23.032	ng/uI	0.02
81) Pyrene-d10	19.481	212	1418517	30.460	ng/uI	0.01
92) Benzo(a)pyrene-d12	24.086	264	1404246	16.168	ng/uI	0.05
Target Compounds						
					Qvalue	
8) Phenol	6.881	94	89227	1.811	ng/uI	96
18) 4-Methylphenol	8.452	108	112900	2.737	ng/uI	97
26) 2,4-Dimethylphenol	9.646	107	58315m	1.427	ng/uI	
30) Naphthalene	10.516	128	5682730	45.092	ng/uI	100
36) 2-Methylnaphthalene	12.128	142	2135247	24.787	ng/uI	97
37) 1-Methylnaphthalene	12.352	142	1561043	18.061	ng/uI	99
43) 1,1'-Biphenyl	13.151	154	778545	8.033	ng/uI	97
50) Acenaphthylene	14.046	152	955515	7.660	ng/uI	97
52) Acenaphthene	14.387	153	4578492	55.470	ng/uI	98
56) Dibenzofuran	14.722	168	7027604	62.668	ng/uI	97
61) Fluorene	15.375	166	5670940	62.798	ng/uI	97
72) Phenanthrene	17.122	178	29705273m	282.970	ng/uI	
74) Anthracene	17.222	178	14205860	133.551	ng/uI	97
77) Carbazole	17.487	167	9860040	108.709	ng/uI	98
80) Fluoranthene	19.145	202	30457044m	547.251	ng/uI	
82) Pyrene	19.516	202	24511900m	429.269	ng/uI	
83) Butylbenzylphthalate	20.410	149	67886m	2.517	ng/uI	
85) Benzo(a)anthracene	21.310	228	23199771	398.281	ng/uI	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	989335	25.165	ng/uI	97
87) Chrysene	21.380	228	21735847	399.488	ng/uI	93
90) Benzo(b)fluoranthene	23.386	252	32133058m	295.562	ng/uI	
91) Benzo(k)fluoranthene	23.445	252	14374672m	134.743	ng/uI	
93) Benzo(a)pyrene	24.174	252	17238257	169.294	ng/uI	95

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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
94) Indeno(1,2,3-cd)pyrene	27.668	276	16912676	144.139	ng/ul	96	
95) Dibenzo(a,h)anthracene	27.704	278	6030730	62.954	ng/ul#	91	
96) Benzo(g,h,i)perylene	28.668	276	2209908m	23.693	ng/ul		

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

