

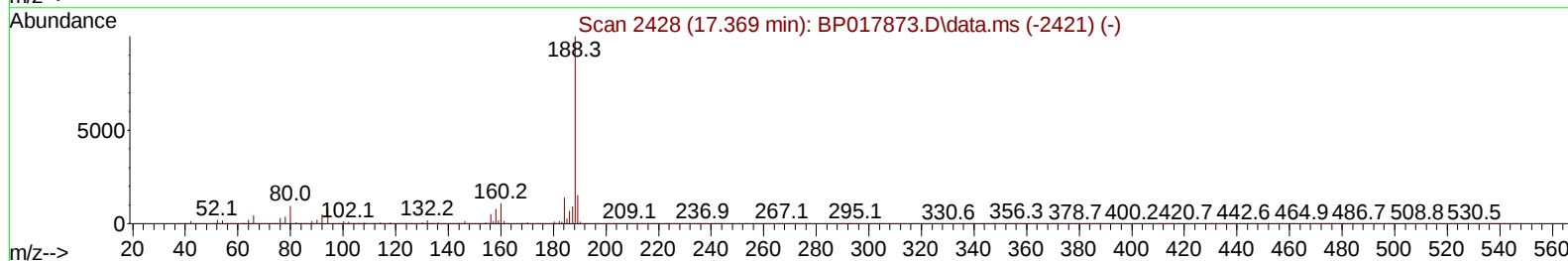
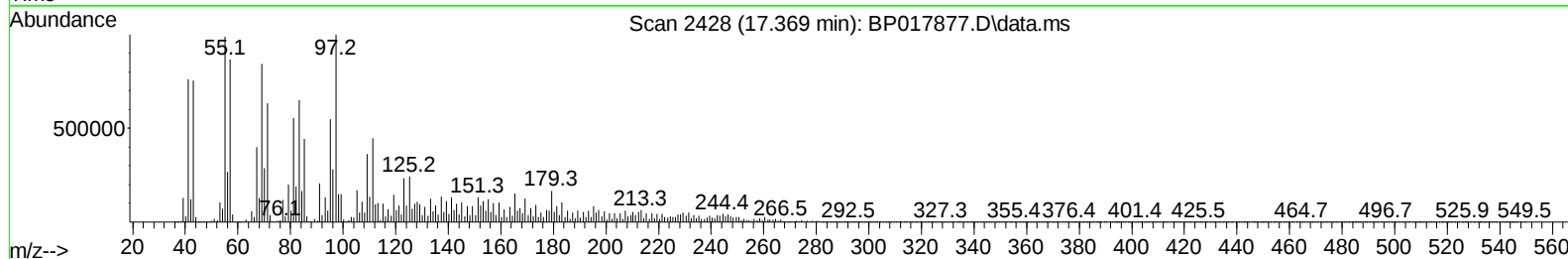
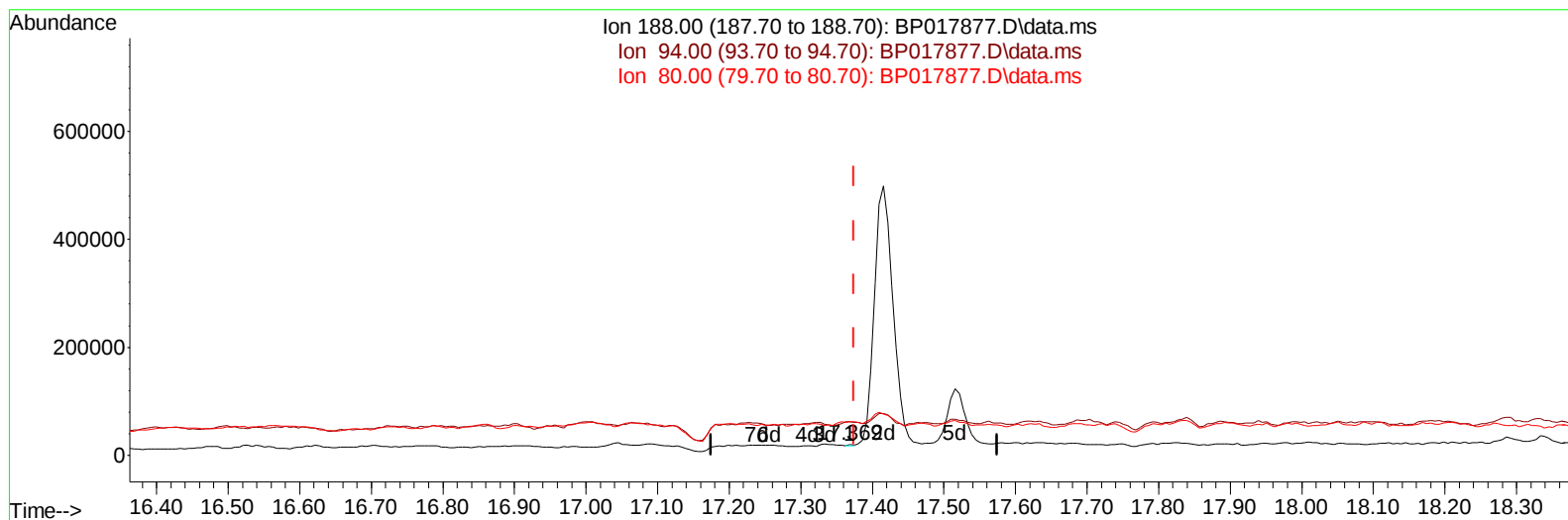
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017877.D
Acq On : 02 Nov 2023 09:32
Operator : MA/JU
Sample : 04922-03 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAQ9

Manual IntegrationsAPPROVED

Quant Time: Nov 02 23:33:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023



TIC: BP017877.D\data.ms

(64) Phenanthrene-d10 (I)

17.369min (-0.006) 20.00 ng/u1

response 1163

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.80	322.22#
80.00	8.20	320.22#
0.00	0.00	0.00

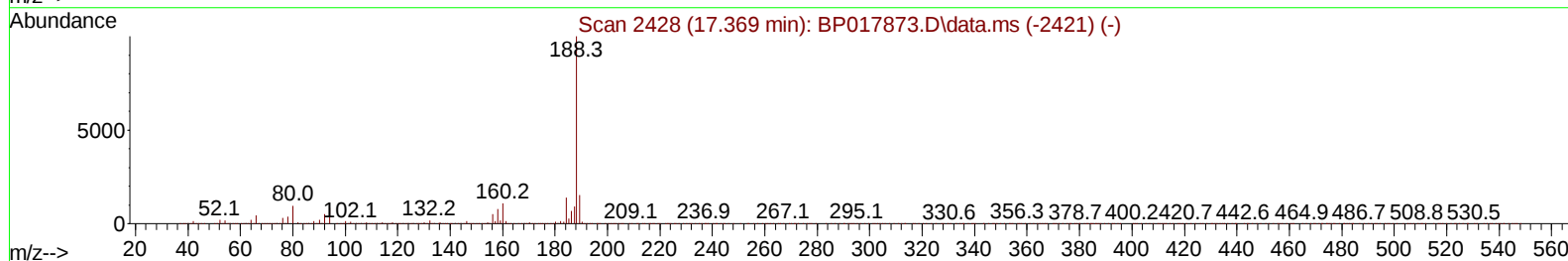
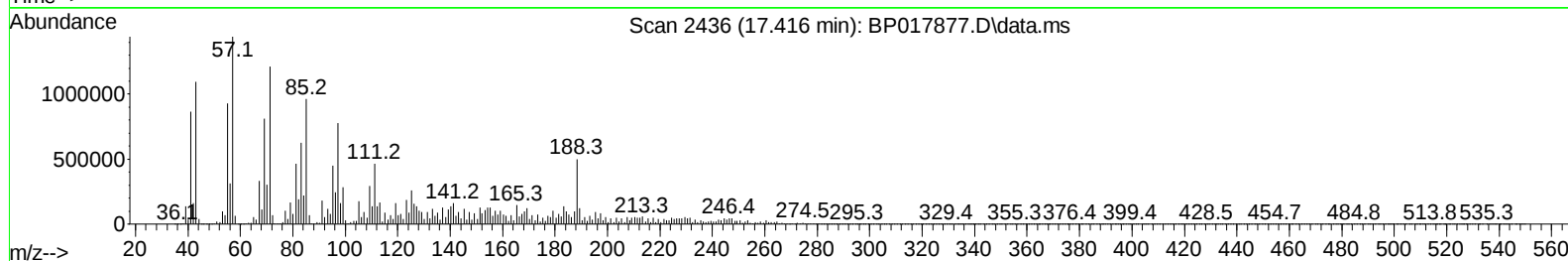
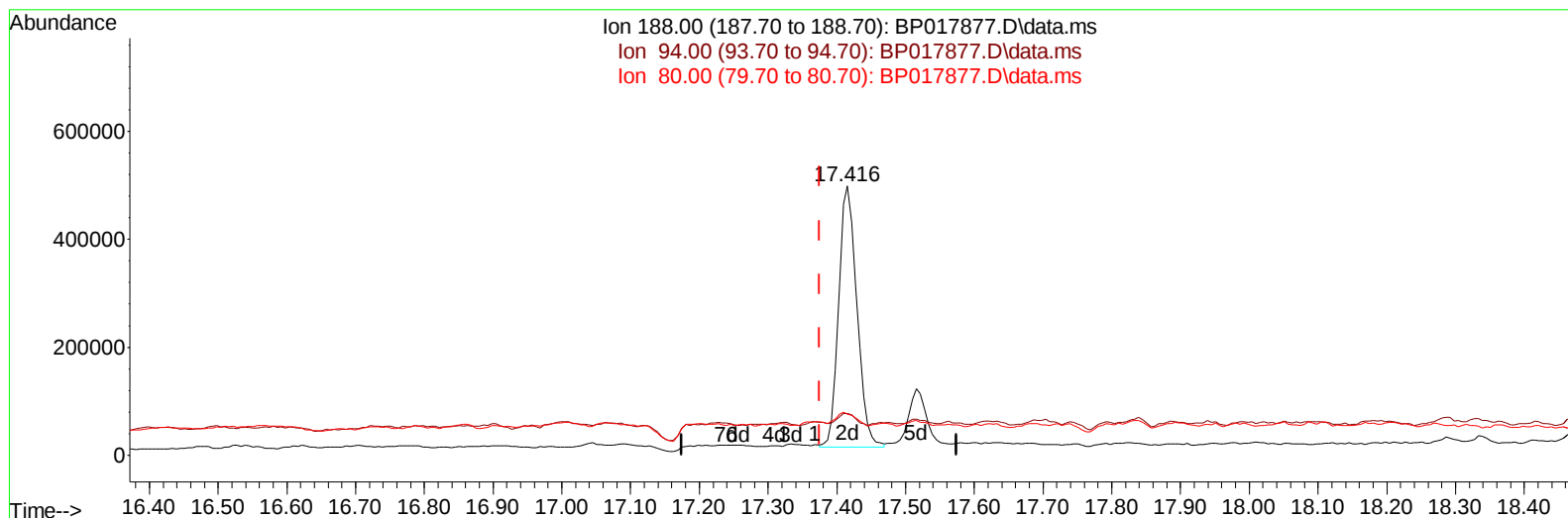
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017877.D
 Acq On : 02 Nov 2023 09:32
 Operator : MA/JU
 Sample : 04922-03 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAQ9

Manual IntegrationsAPPROVED

Quant Time: Nov 02 23:33:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023



TIC: BP017877.D\data.ms

(64) Phenanthrene-d10 (I)

17.416min (+ 0.041) 20.00 ng/ul m

response 895436

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.80	15.46#
80.00	8.20	15.27#
0.00	0.00	0.00

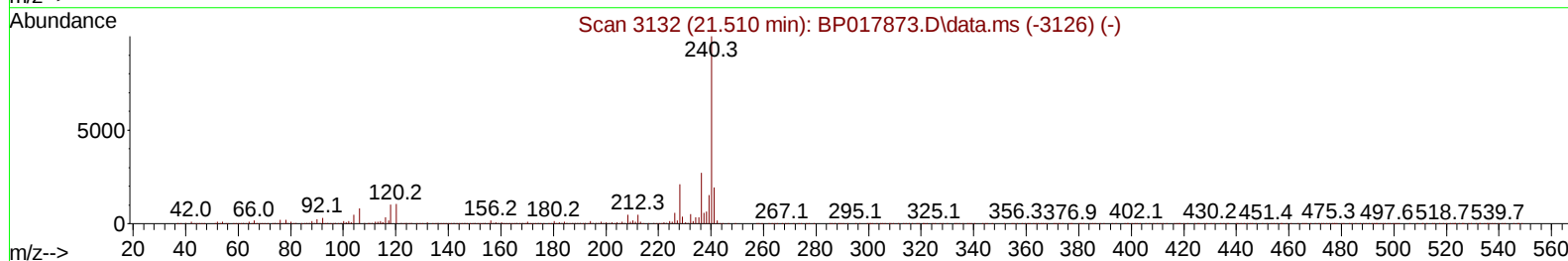
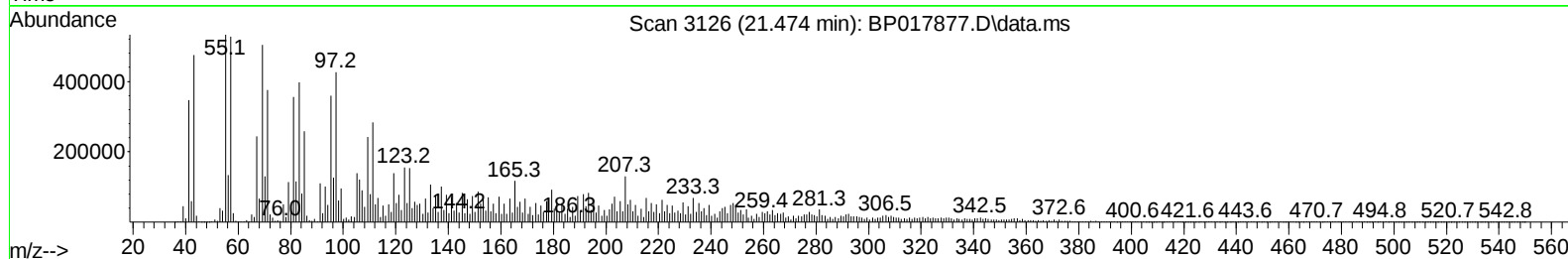
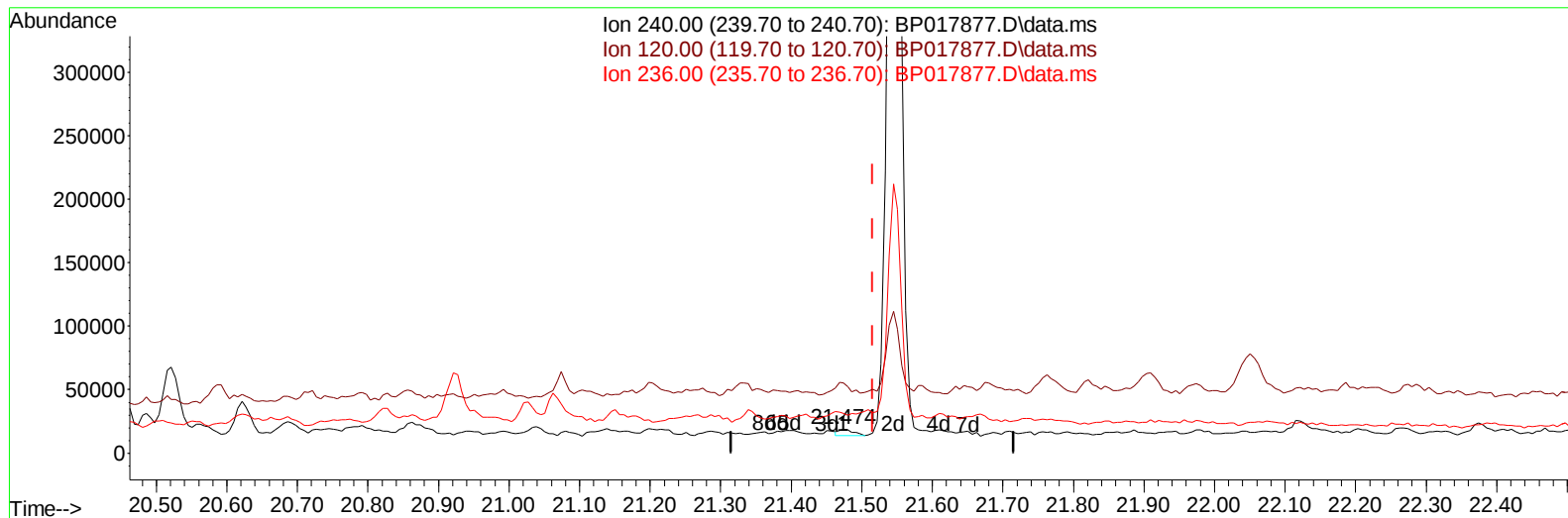
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017877.D
Acq On : 02 Nov 2023 09:32
Operator : MA/JU
Sample : 04922-03 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAQ9

Manual IntegrationsAPPROVED

Quant Time: Nov 03 01:11:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023



TIC: BP017877.D\data.ms

(79) Chrysene-d12 (I)

21.474min (-0.041) 20.00 ng/u1

response 6576

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	9.60	289.79#
236.00	26.30	165.36#
0.00	0.00	0.00

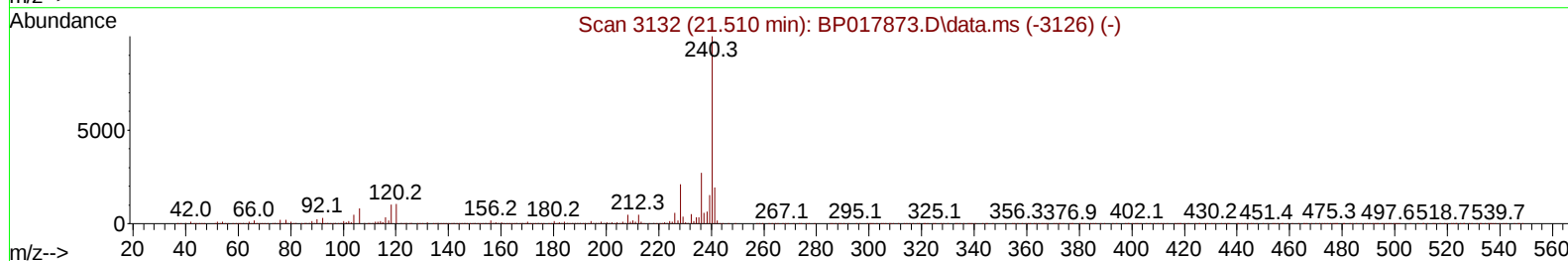
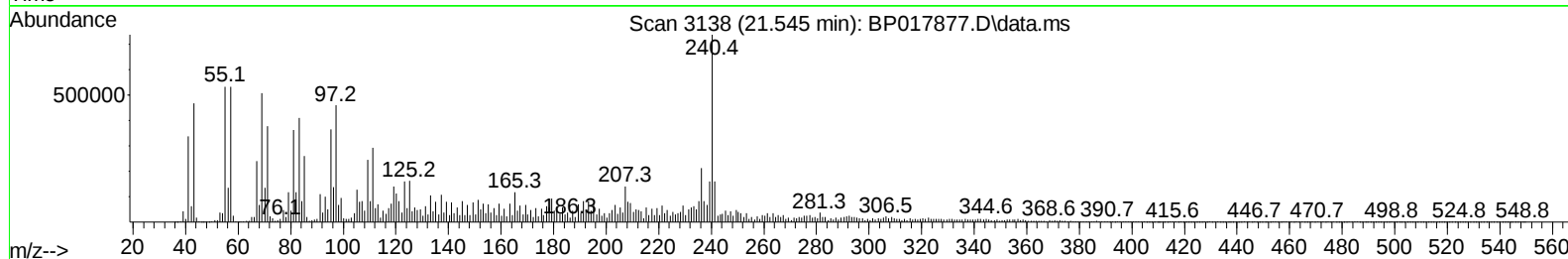
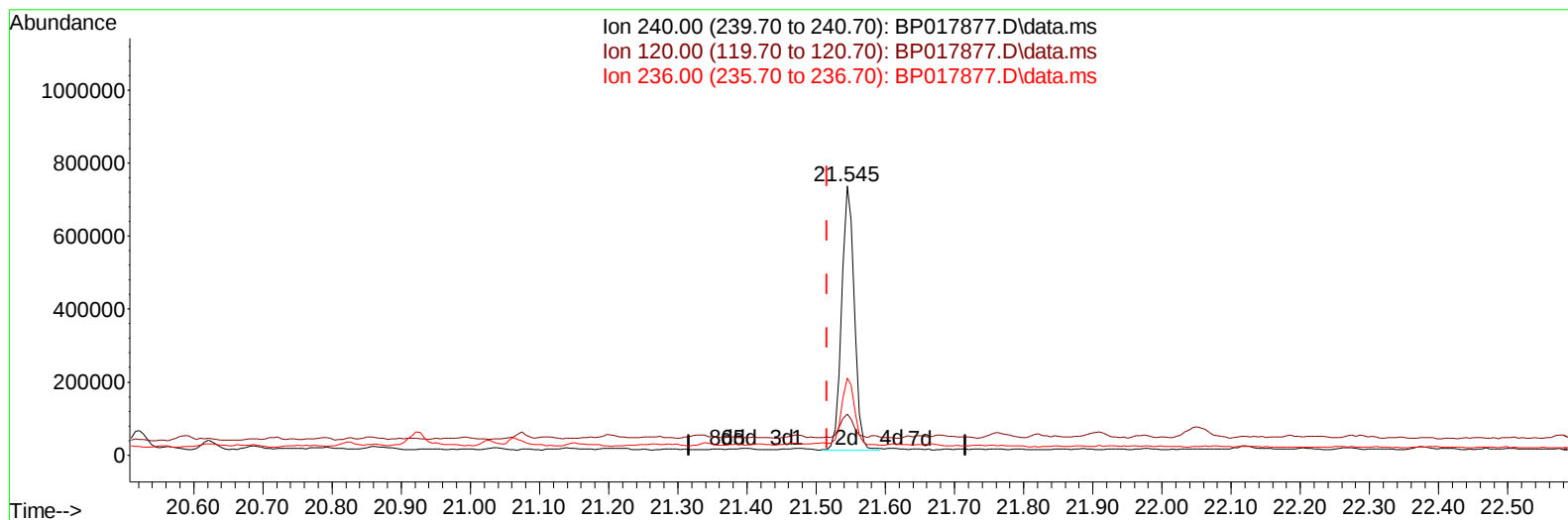
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017877.D
Acq On : 02 Nov 2023 09:32
Operator : MA/JU
Sample : 04922-03 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAQ9

Manual IntegrationsAPPROVED

Quant Time: Nov 03 01:11:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023



TIC: BP017877.D\data.ms

(79) Chrysene-d12 (I)

21.545min (+ 0.029) 20.00 ng/ul m

response 917808

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	9.60	15.15#
236.00	26.30	28.74
0.00	0.00	0.00

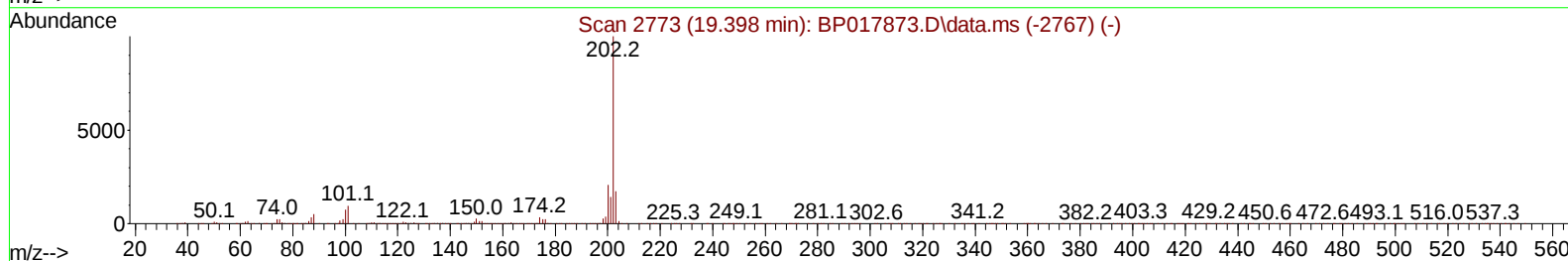
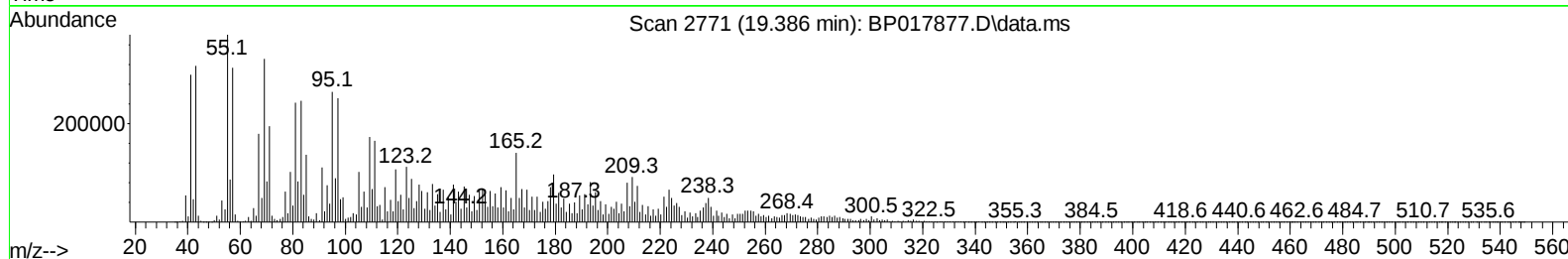
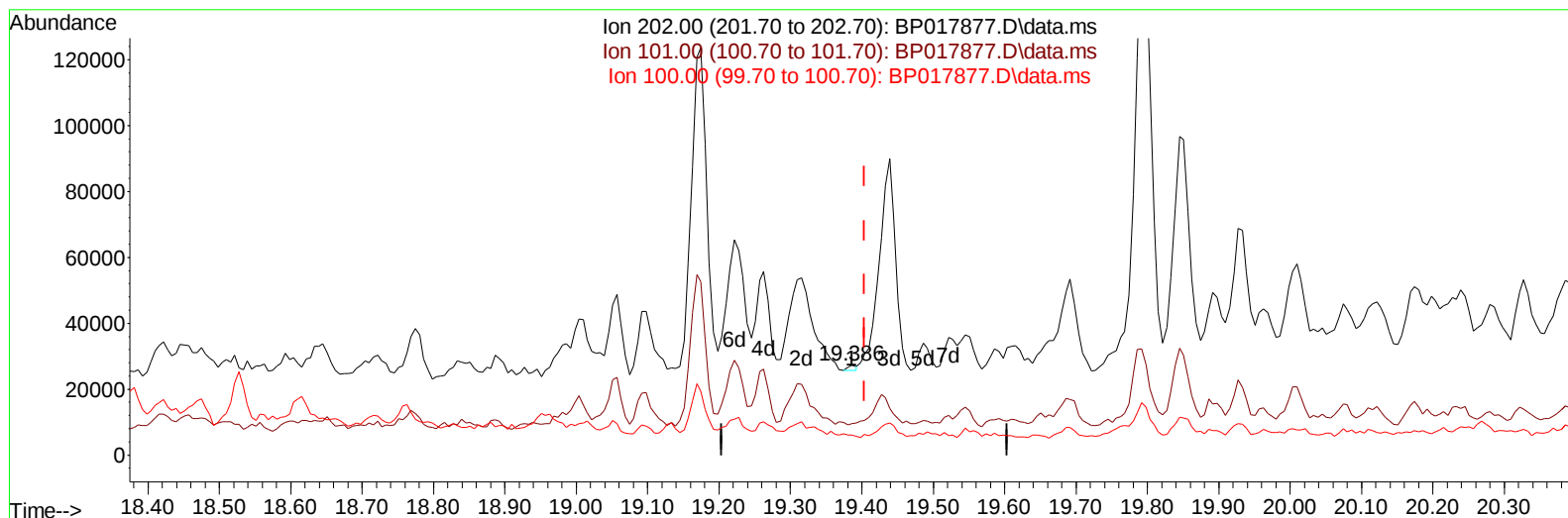
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017877.D
Acq On : 02 Nov 2023 09:32
Operator : MA/JU
Sample : 04922-03 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAQ9

Manual IntegrationsAPPROVED

Quant Time: Nov 03 01:12:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023



TIC: BP017877.D\data.ms

(80) Fluoranthene

19.386min (-0.018) 0.02 ng/u1

response 1248

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	8.90	35.23#
100.00	7.10	22.24#
0.00	0.00	0.00

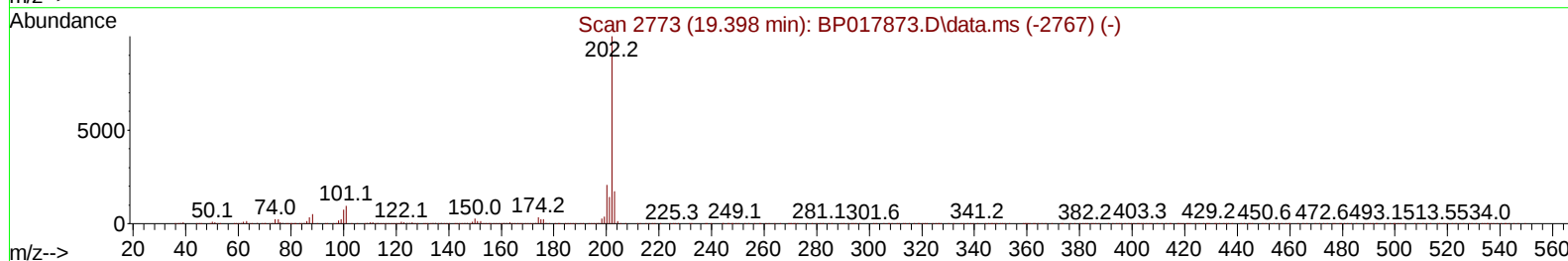
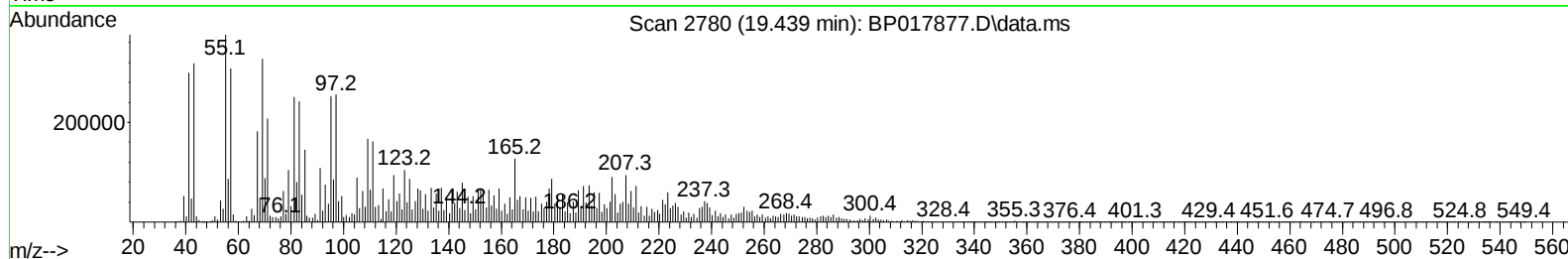
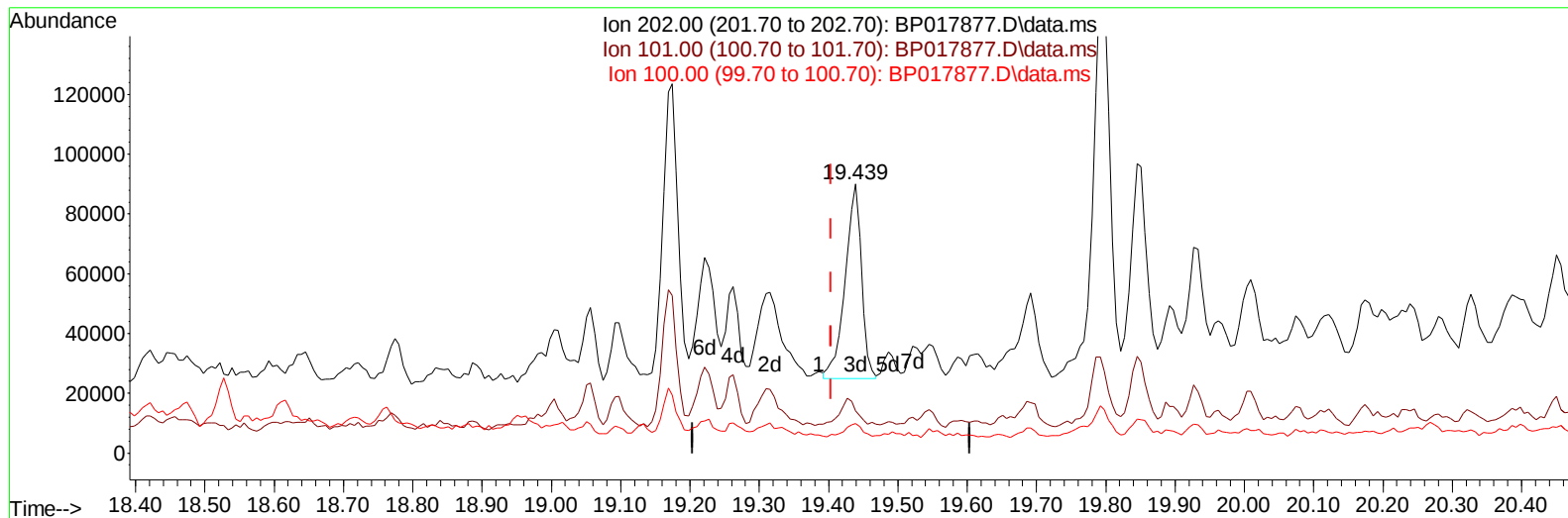
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017877.D
Acq On : 02 Nov 2023 09:32
Operator : MA/JU
Sample : 04922-03 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAQ9

Manual IntegrationsAPPROVED

Quant Time: Nov 03 01:12:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023



TIC: BP017877.D\data.ms

(80) Fluoranthene

19.439min (+ 0.035) 1.60 ng/ul m

response 105865

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	8.90	15.81#
100.00	7.10	10.90#
0.00	0.00	0.00

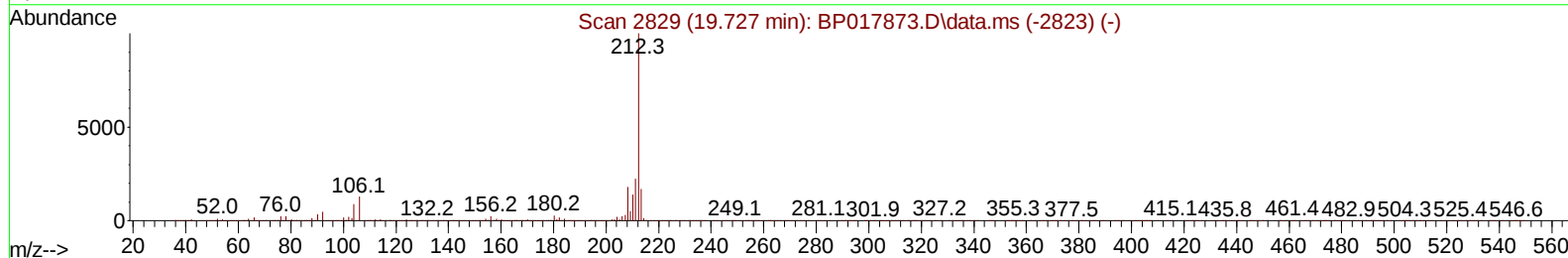
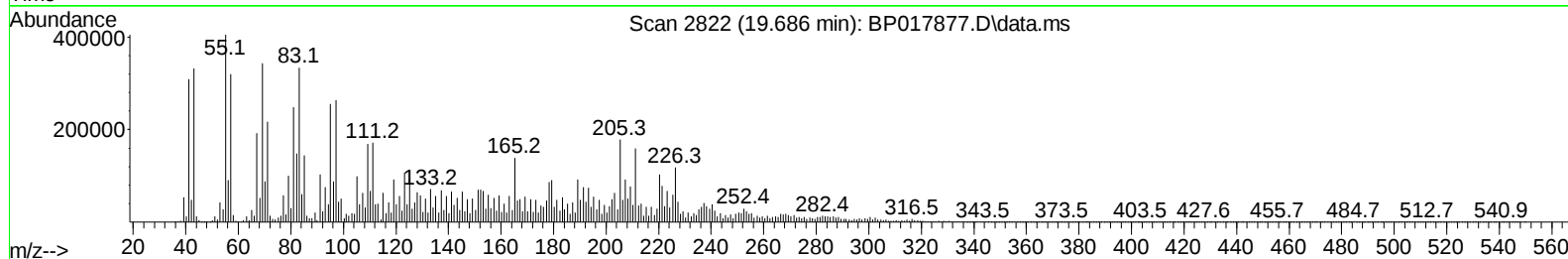
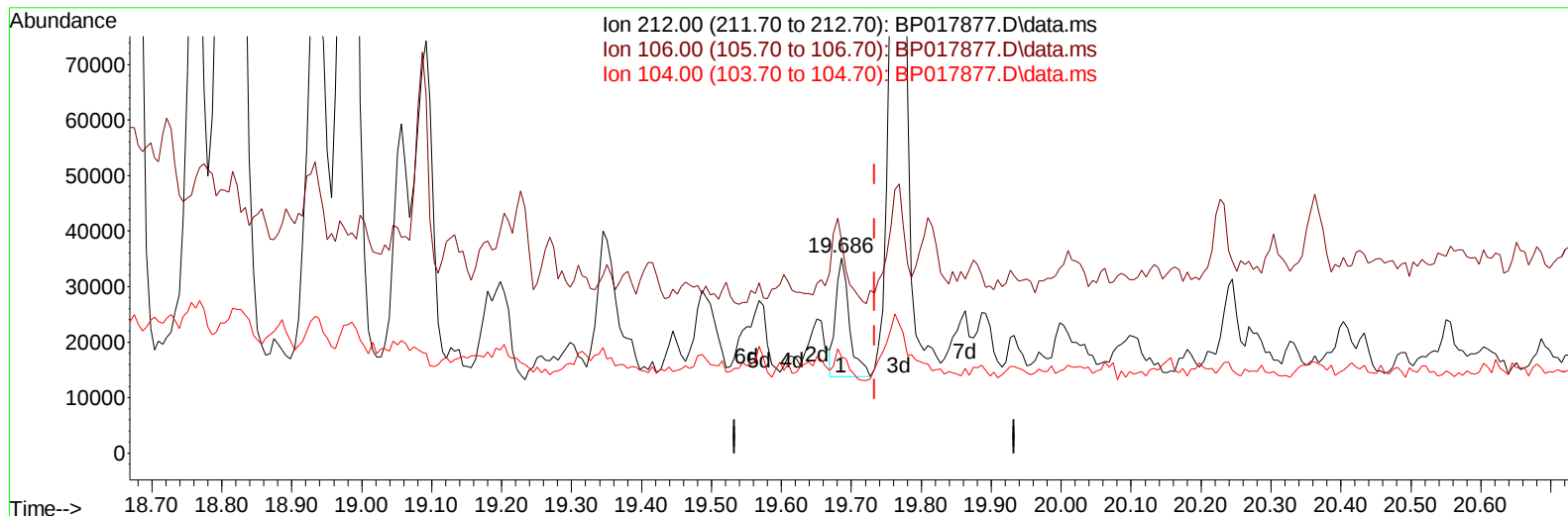
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017877.D
Acq On : 02 Nov 2023 09:32
Operator : MA/JU
Sample : 04922-03 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAQ9

Manual IntegrationsAPPROVED

Quant Time: Nov 03 01:13:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023



TIC: BP017877.D\data.ms

(81) Pyrene-d10 (S)

19.686min (-0.047) 0.50 ng/u1

response 28900

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	12.80	108.79#
104.00	8.20	49.17#
0.00	0.00	0.00

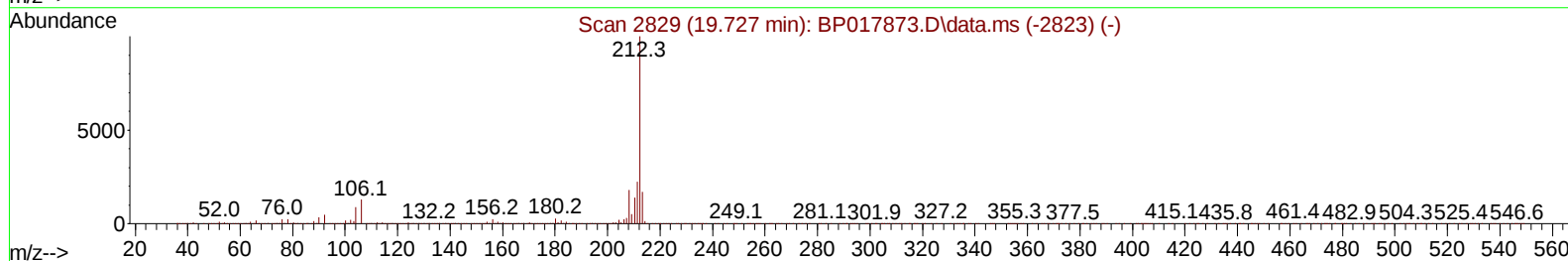
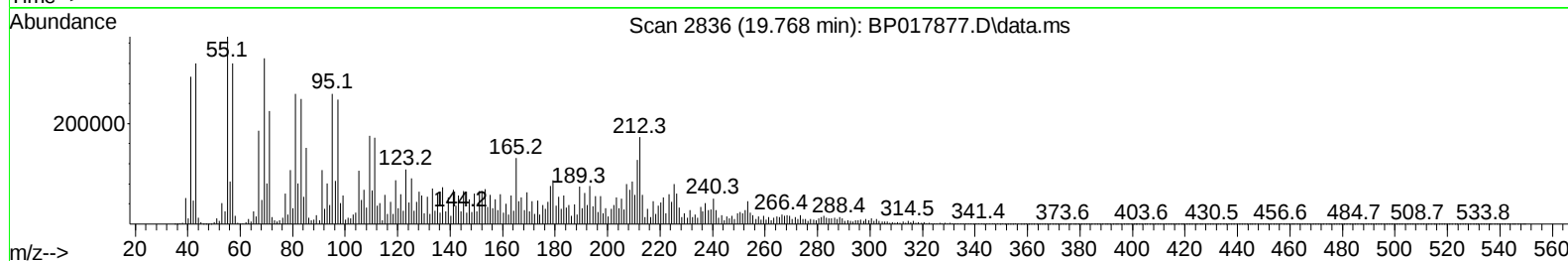
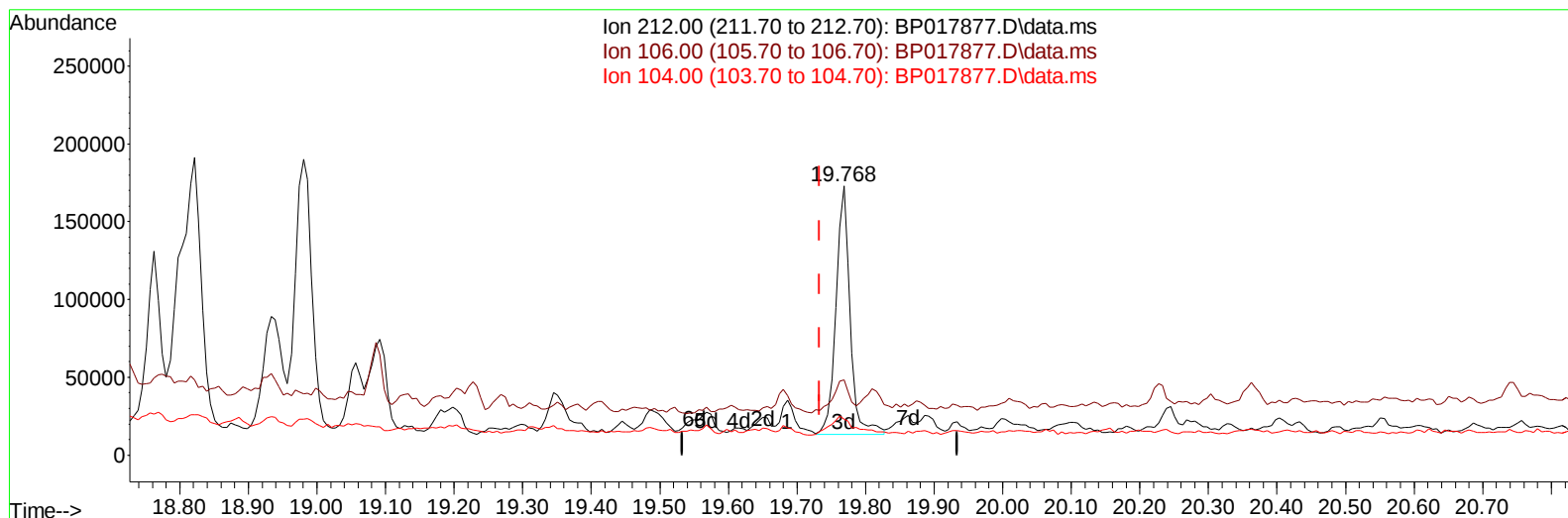
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017877.D
 Acq On : 02 Nov 2023 09:32
 Operator : MA/JU
 Sample : 04922-03 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAQ9

Manual IntegrationsAPPROVED

Quant Time: Nov 03 01:13:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023



TIC: BP017877.D\data.ms

(81) Pyrene-d10 (S)

19.768min (+ 0.035) 3.96 ng/u1 m

response 227581

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	12.80	28.03#
104.00	8.20	13.43#
0.00	0.00	0.00

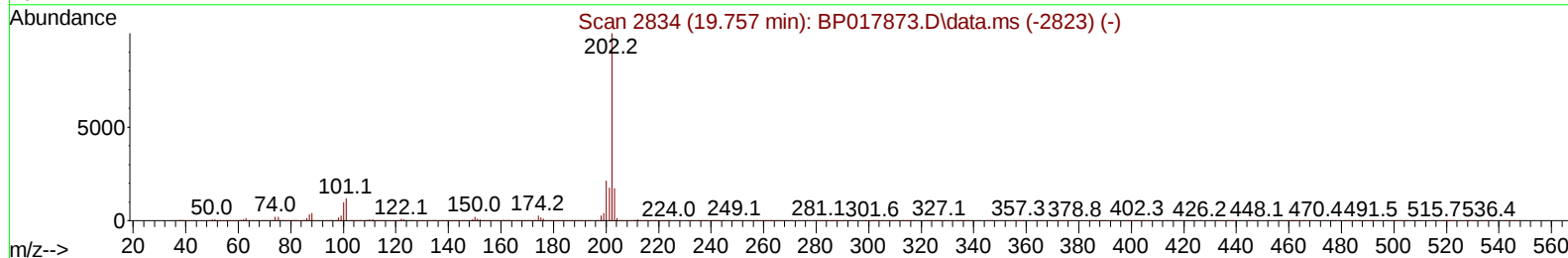
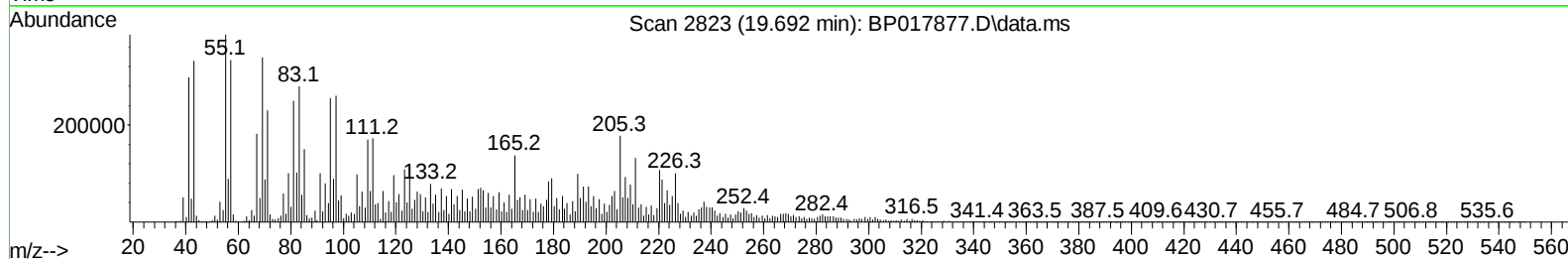
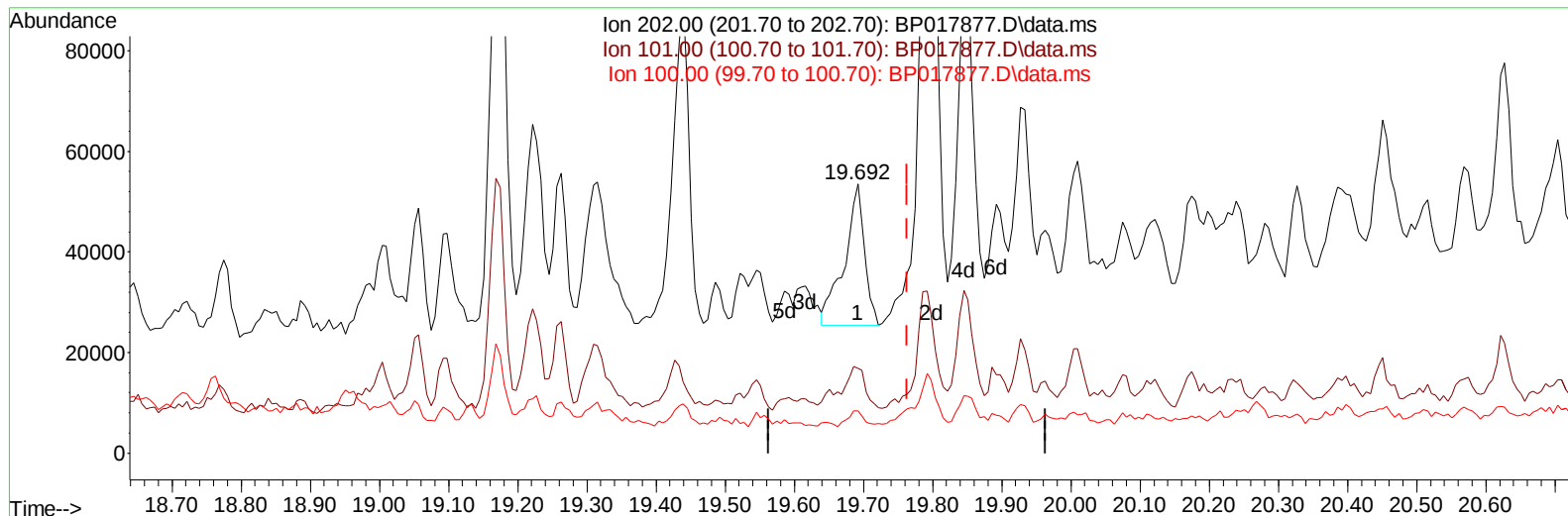
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017877.D
Acq On : 02 Nov 2023 09:32
Operator : MA/JU
Sample : 04922-03 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAQ9

Manual IntegrationsAPPROVED

Quant Time: Nov 03 01:13:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023



TIC: BP017877.D\data.ms

(82) Pyrene

19.692min (-0.071) 0.80 ng/u1

response 56316

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.40	31.45#
100.00	9.20	15.77#
0.00	0.00	0.00

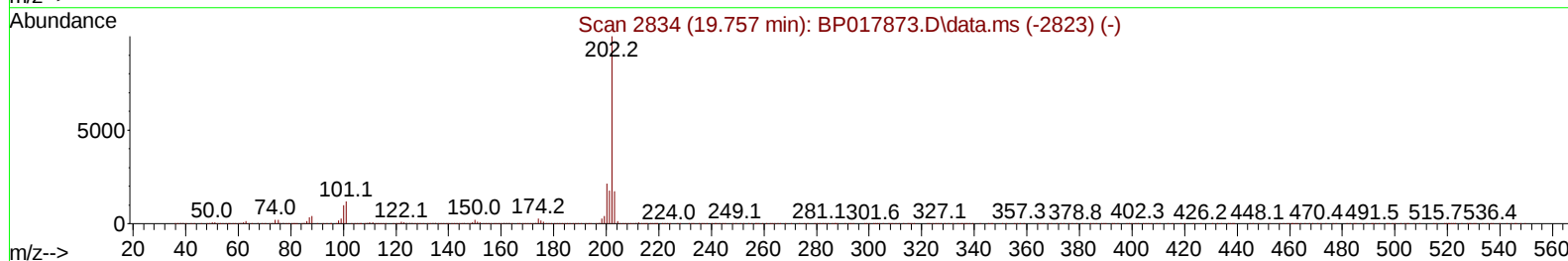
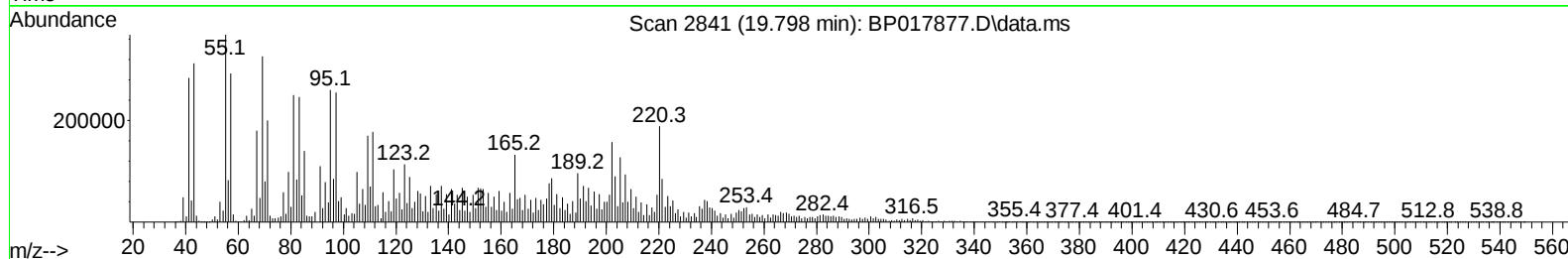
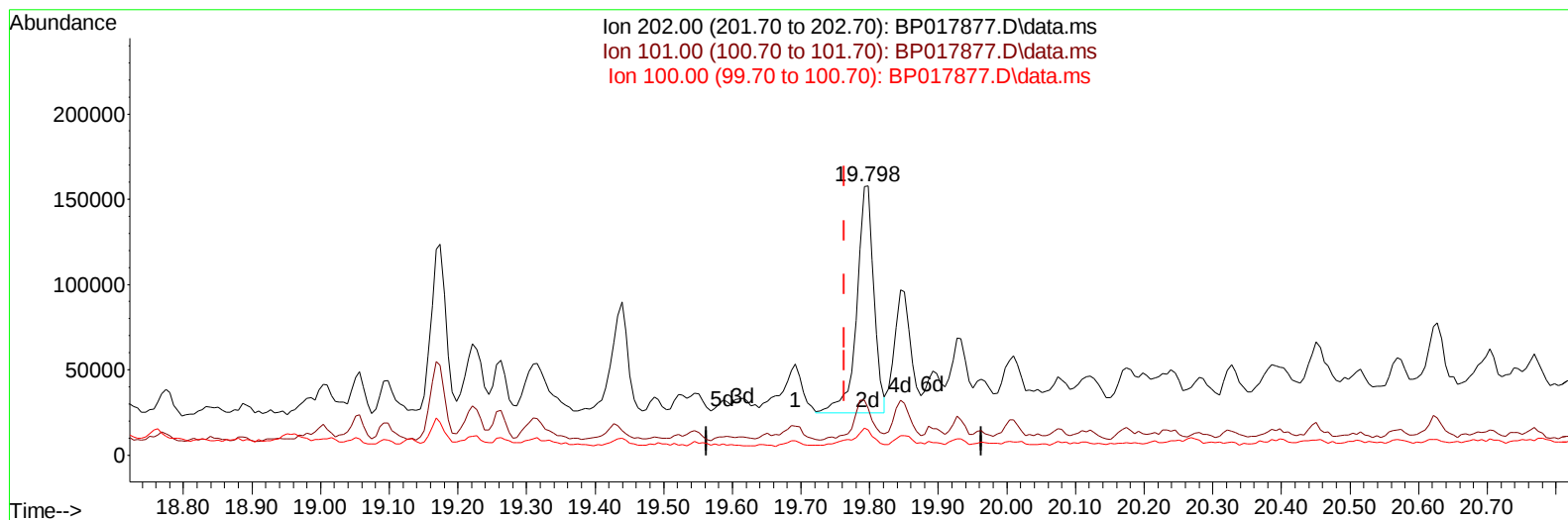
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017877.D
 Acq On : 02 Nov 2023 09:32
 Operator : MA/JU
 Sample : 04922-03 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAQ9

Manual IntegrationsAPPROVED

Quant Time: Nov 03 01:13:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023



TIC: BP017877.D\data.ms

(82) Pyrene

19.798min (+ 0.035) 3.29 ng/ul m

response 230166

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.40	17.46#
100.00	9.20	9.27
0.00	0.00	0.00

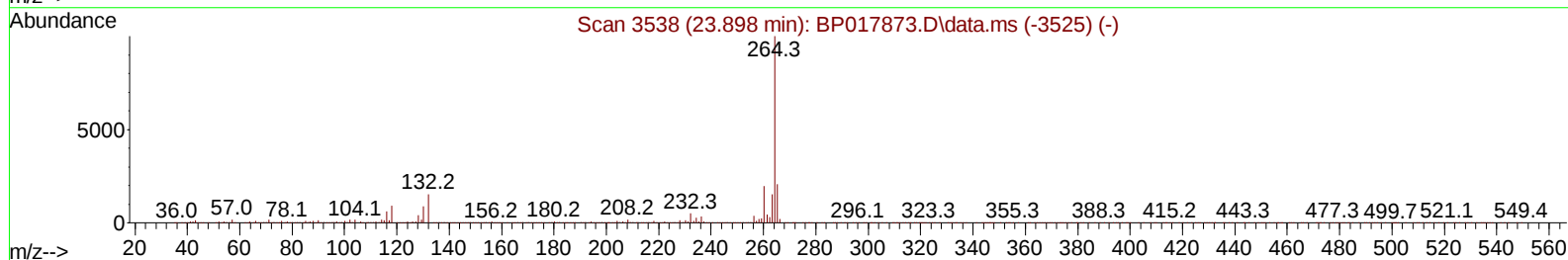
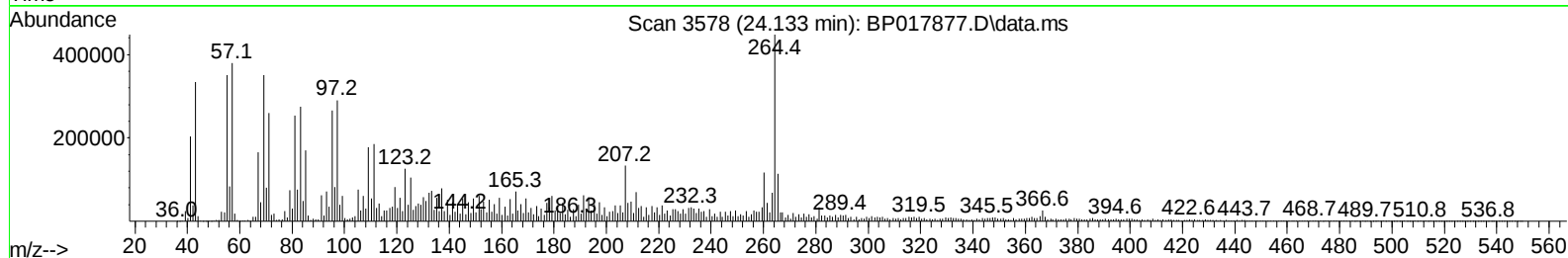
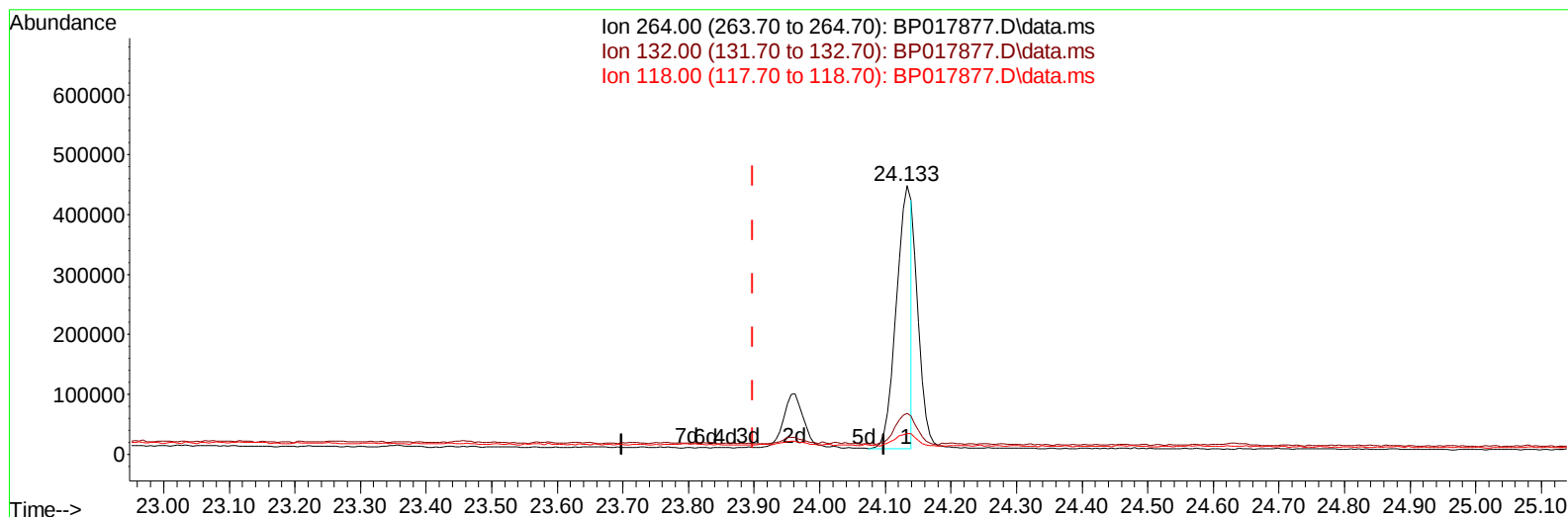
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017877.D
 Acq On : 02 Nov 2023 09:32
 Operator : MA/JU
 Sample : 04922-03 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAQ9

Manual IntegrationsAPPROVED

Quant Time: Nov 03 01:14:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023



TIC: BP017877.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

24.133min (+ 0.235) 13.10 ng/u1

response 705720

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	14.20	15.27
118.00	8.60	7.76
0.00	0.00	0.00

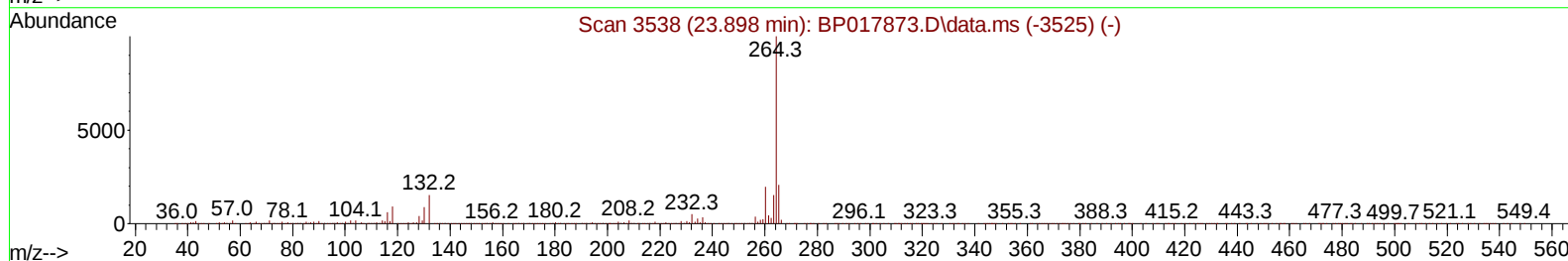
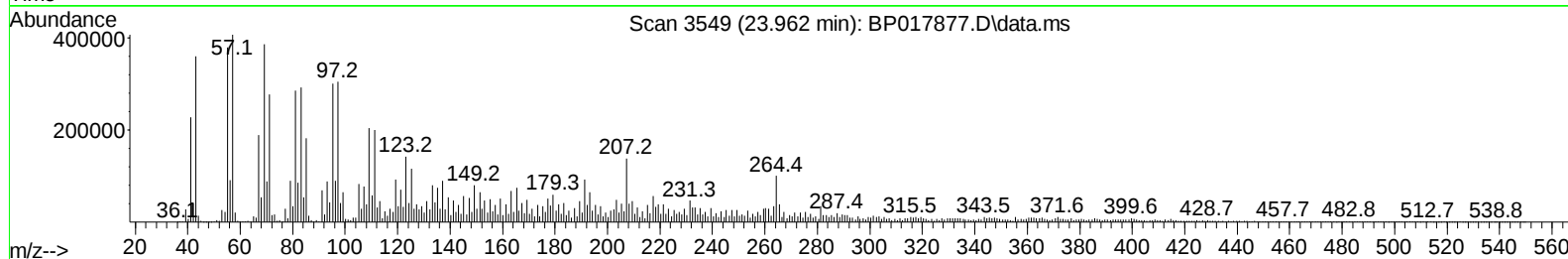
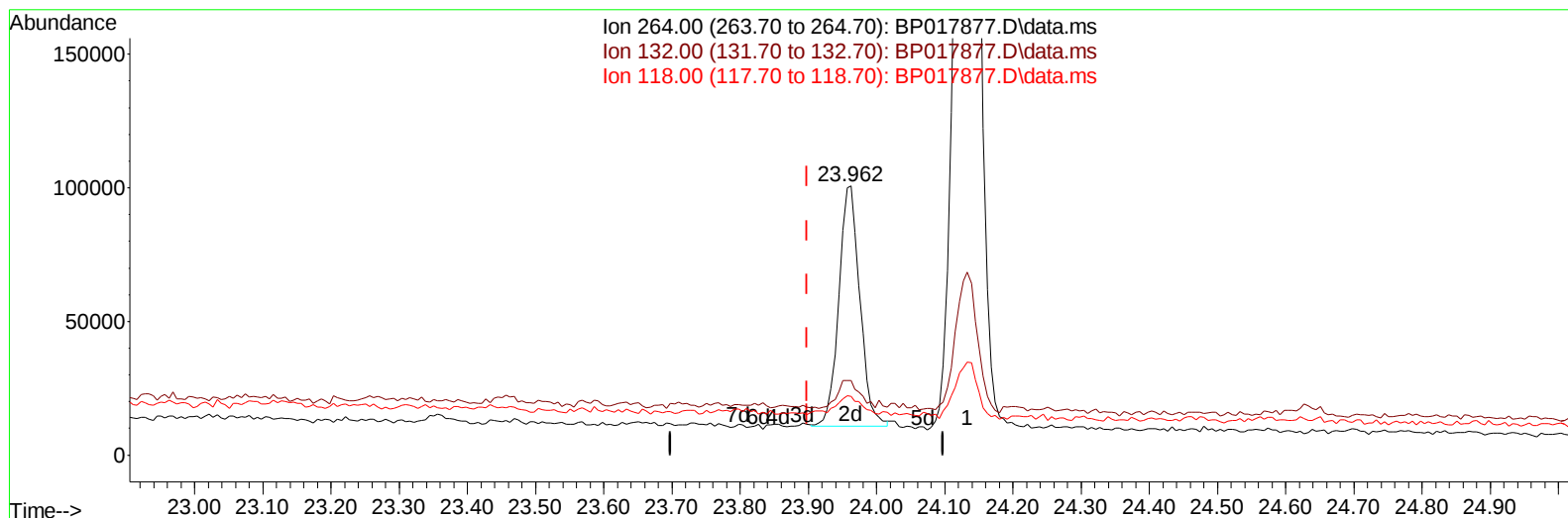
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017877.D
Acq On : 02 Nov 2023 09:32
Operator : MA/JU
Sample : 04922-03 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAQ9

Manual IntegrationsAPPROVED

Quant Time: Nov 03 01:14:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023



TIC: BP017877.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

23.962min (+ 0.064) 3.61 ng/u1 m

response 194305

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	14.20	27.72#
118.00	8.60	21.76#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017877.D
 Acq On : 02 Nov 2023 09:32
 Operator : MA/JU
 Sample : 04922-03 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAQ9

Manual IntegrationsAPPROVED

Quant Time: Nov 03 09:57:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	188578	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	686321	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	384832	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.416	188	895436m	20.000	ng/ul	0.04
79) Chrysene-d12	21.545	240	917808m	20.000	ng/ul	0.03
88) Perylene-d12	24.133	264	967451	20.000	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	166	0.033	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.063	99	37150	2.367	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.240	67	29981	3.094	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	36888	2.882	ng/ul	0.00
15) 4-Methylphenol-d8	8.622	113	34666	2.813	ng/ul	0.01
21) Nitrobenzene-d5	9.098	128	18299	3.290	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	16246	2.644	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	33964	2.818	ng/ul	0.01
31) 4-Chloroaniline-d4	10.910	131	4227	0.268	ng/ul	0.02
46) Dimethylphthalate-d6	14.010	166	93957	2.908	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	137124	3.806	ng/ul	0.01
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.610	176	105485	3.777	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.745	200	29687	5.033	ng/ul	0.01
73) Anthracene-d10	17.516	188	175501	3.835	ng/ul	0.04
81) Pyrene-d10	19.768	212	227581m	3.955	ng/ul	0.03
92) Benzo(a)pyrene-d12	23.962	264	194305m	3.606	ng/ul	0.06
Target Compounds						
					Qvalue	
30) Naphthalene	10.775	128	107372	2.719	ng/ul	98
36) 2-Methylnaphthalene	12.392	142	65863	2.469	ng/ul	100
37) 1-Methylnaphthalene	12.616	142	46417	1.701	ng/ul#	94
72) Phenanthrene	17.463	178	583643	11.127	ng/ul#	59
74) Anthracene	17.463	178	583643	10.986	ng/ul#	57
80) Fluoranthene	19.439	202	105865m	1.601	ng/ul	
82) Pyrene	19.798	202	230166m	3.286	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP10123\
Data File : BP017877.D
Acq On : 02 Nov 2023 09:32
Operator : MA/JU
Sample : 04922-03 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAQ9

Manual IntegrationsAPPROVED

Quant Time: Nov 03 09:57:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023

