

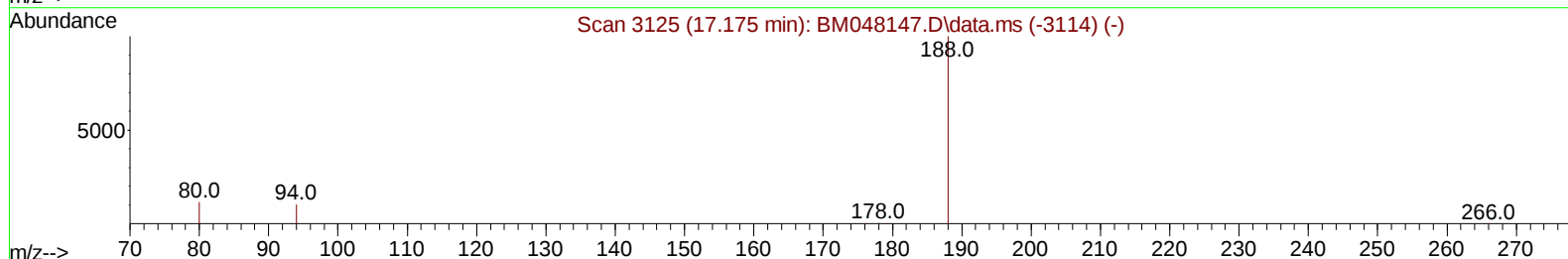
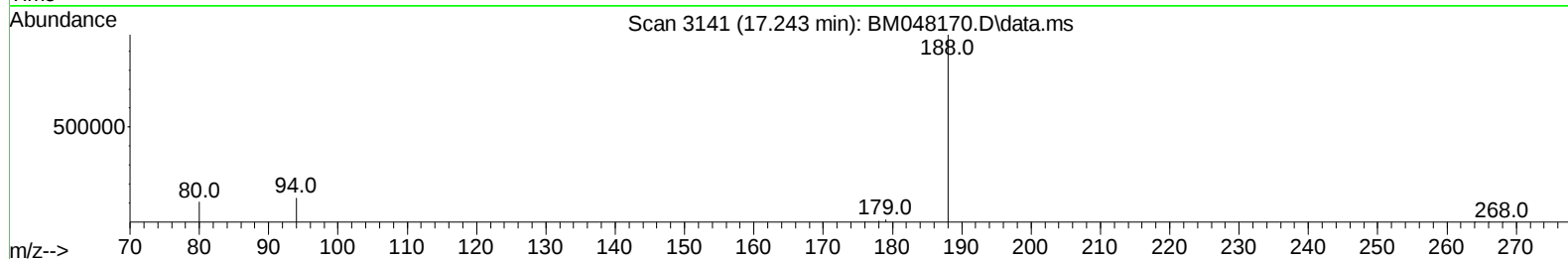
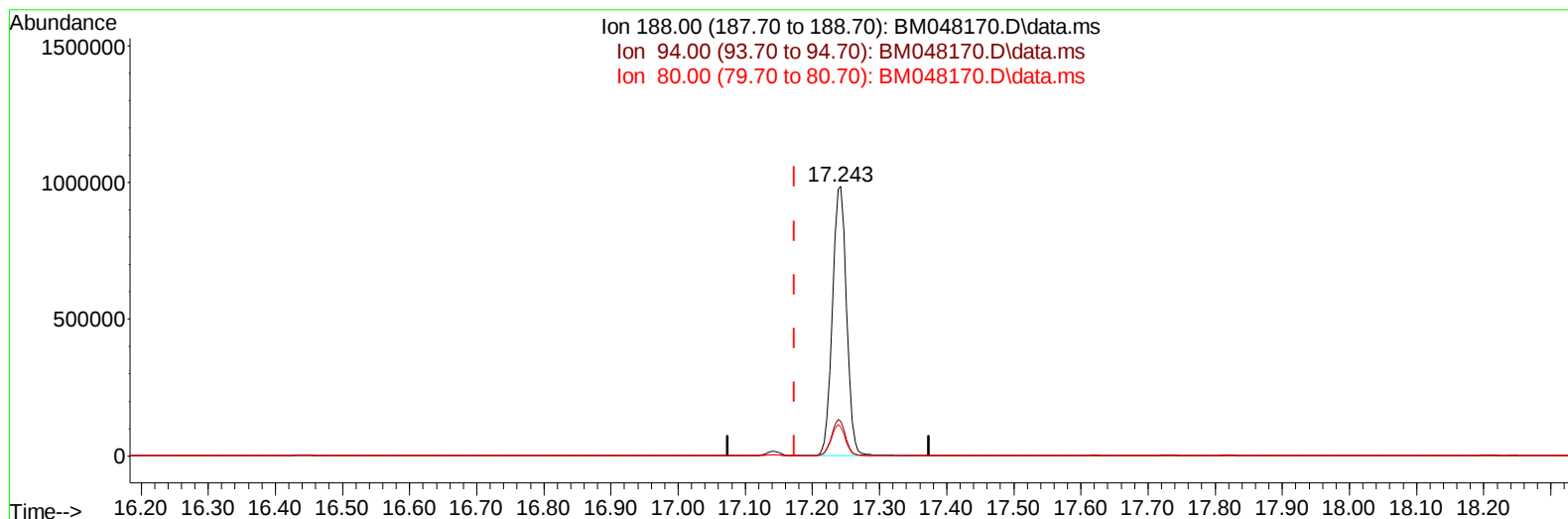
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048170.D
Acq On : 22 Oct 2024 00:51
Operator : RC/JU
Sample : P4380-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G8DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 01:22:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048170.D\data.ms

(13) Phenanthrene-d10 (I)

17.243min (+ 0.069) 0.40 ng/u1

response 1447718

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.80	12.90
80.00	12.40	10.85
0.00	0.00	0.00

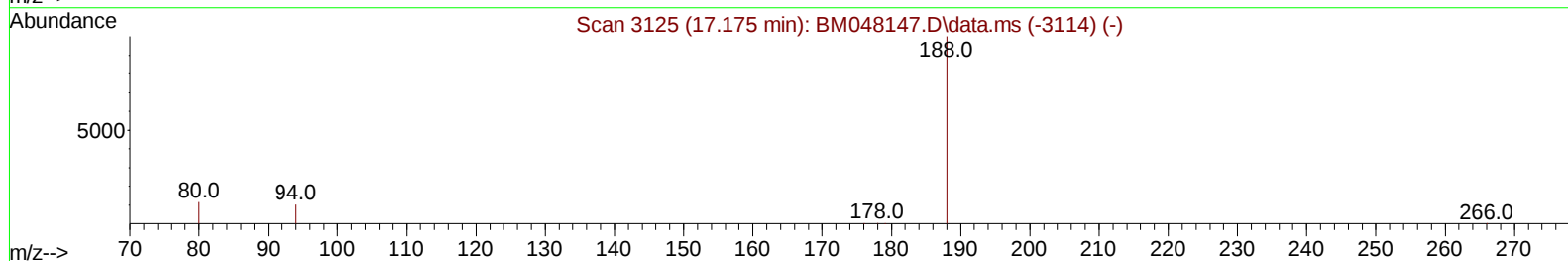
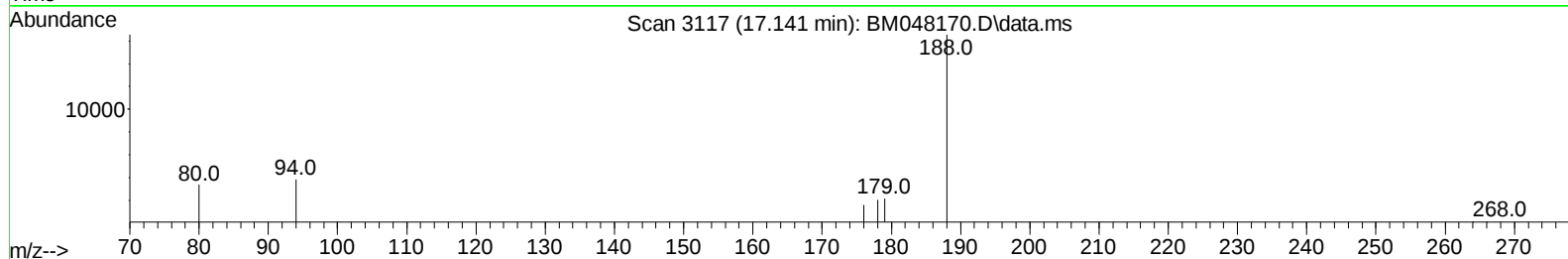
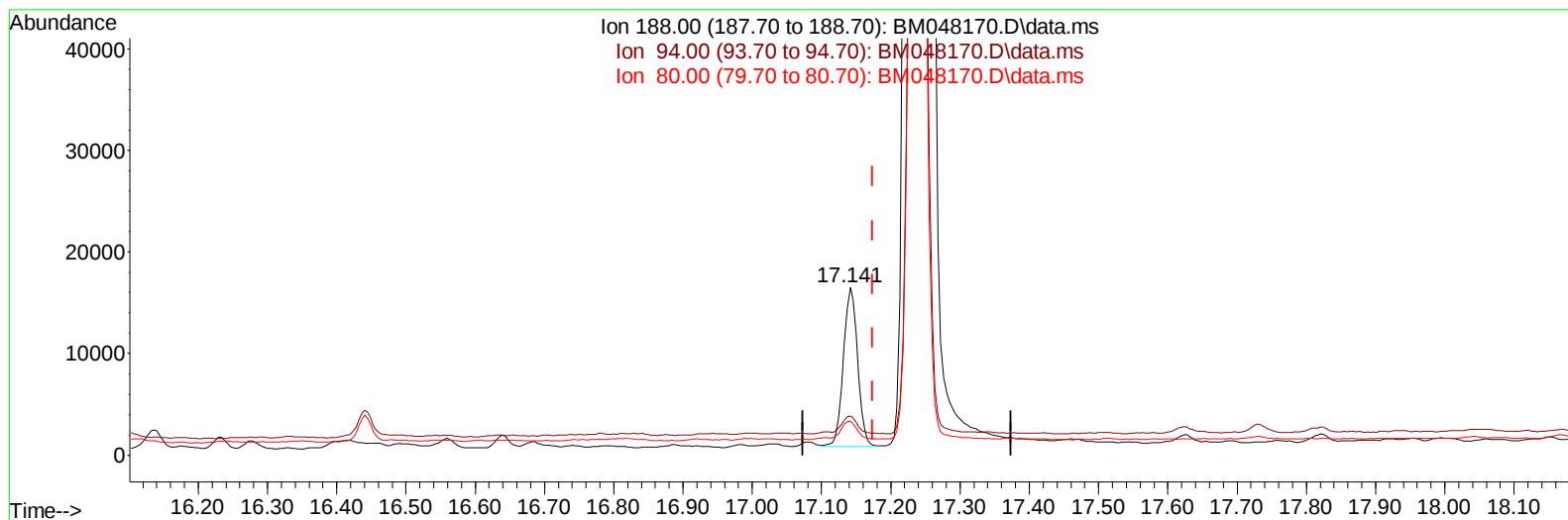
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048170.D
Acq On : 22 Oct 2024 00:51
Operator : RC/JU
Sample : P4380-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G8DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 01:22:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048170.D\data.ms

(13) Phenanthrene-d10 (I)

17.141min (-0.033) 0.40 ng/ul m

response 22270

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.80	23.19#
80.00	12.40	20.32#
0.00	0.00	0.00

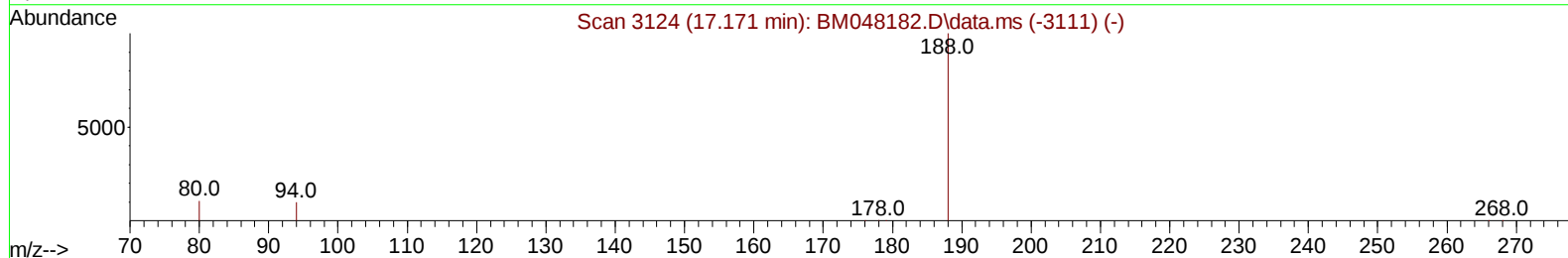
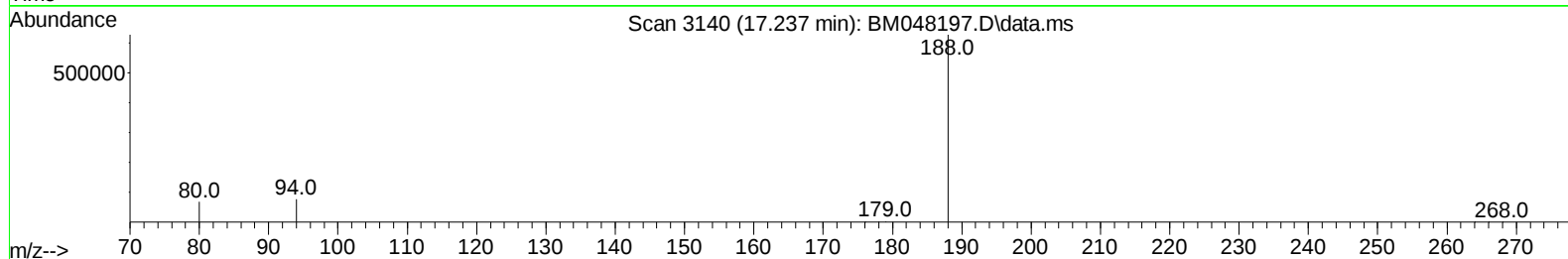
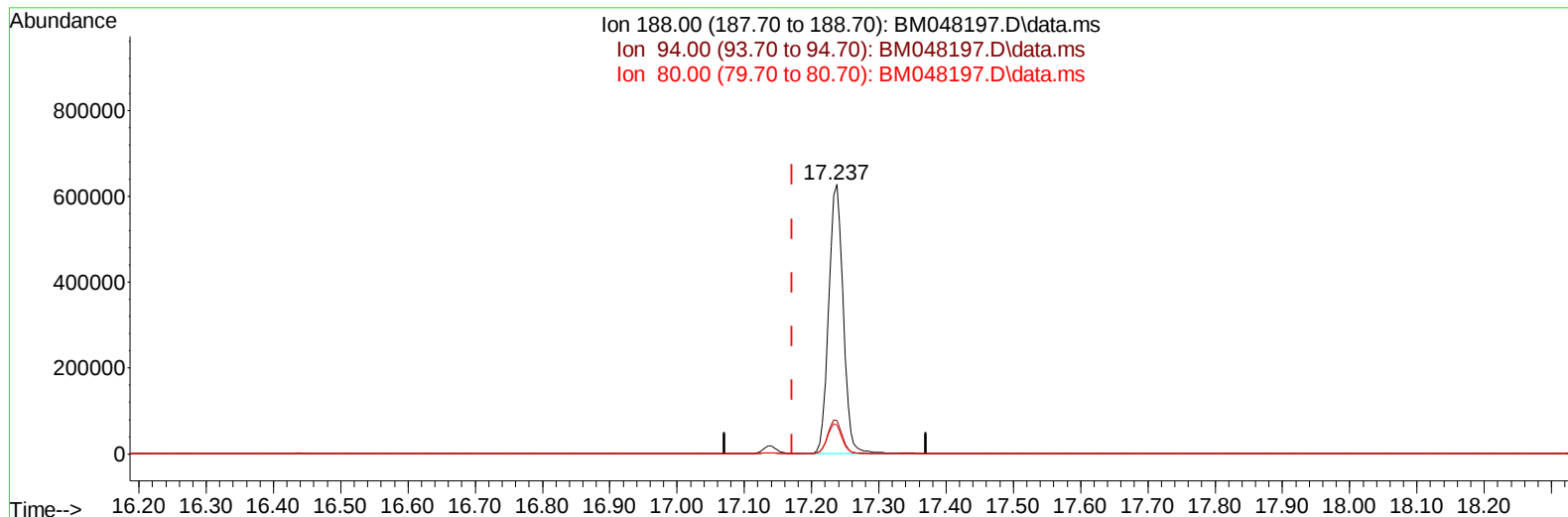
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048197.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4380-23DL 2X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G8DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 22:59:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048197.D\data.ms

(13) Phenanthrene-d10 (I)

17.237min (+ 0.067) 0.40 ng/u1

response 938854

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.80	12.39
80.00	12.40	10.71
0.00	0.00	0.00

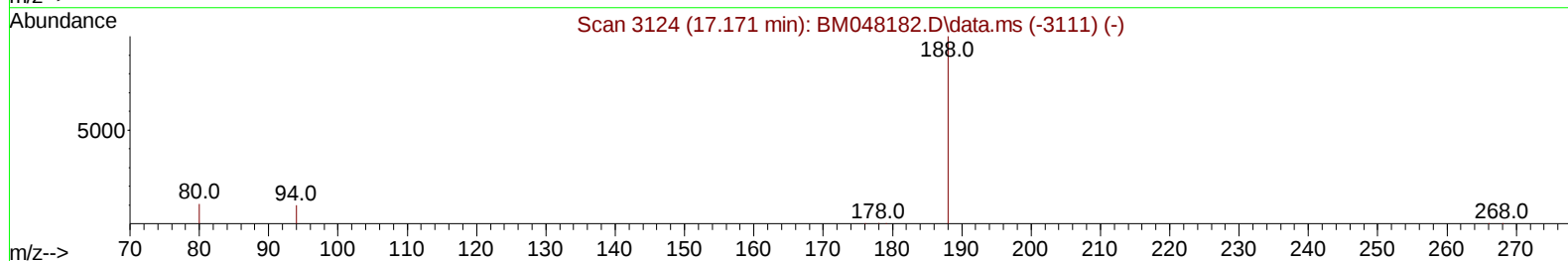
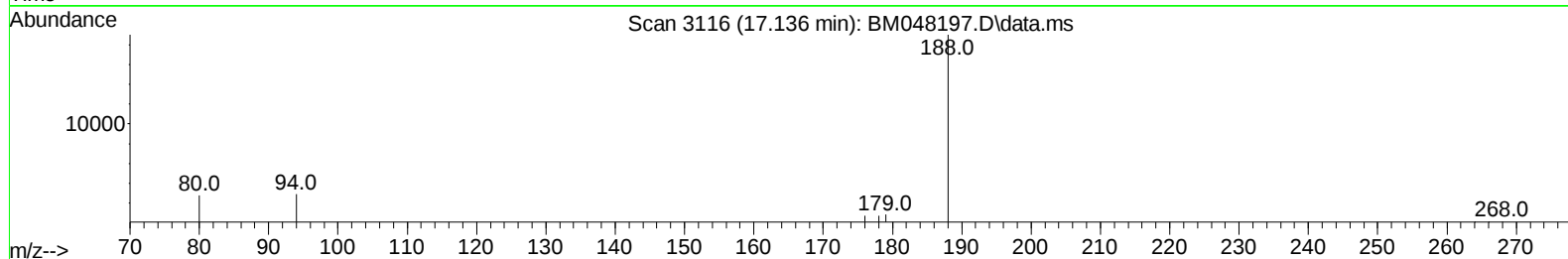
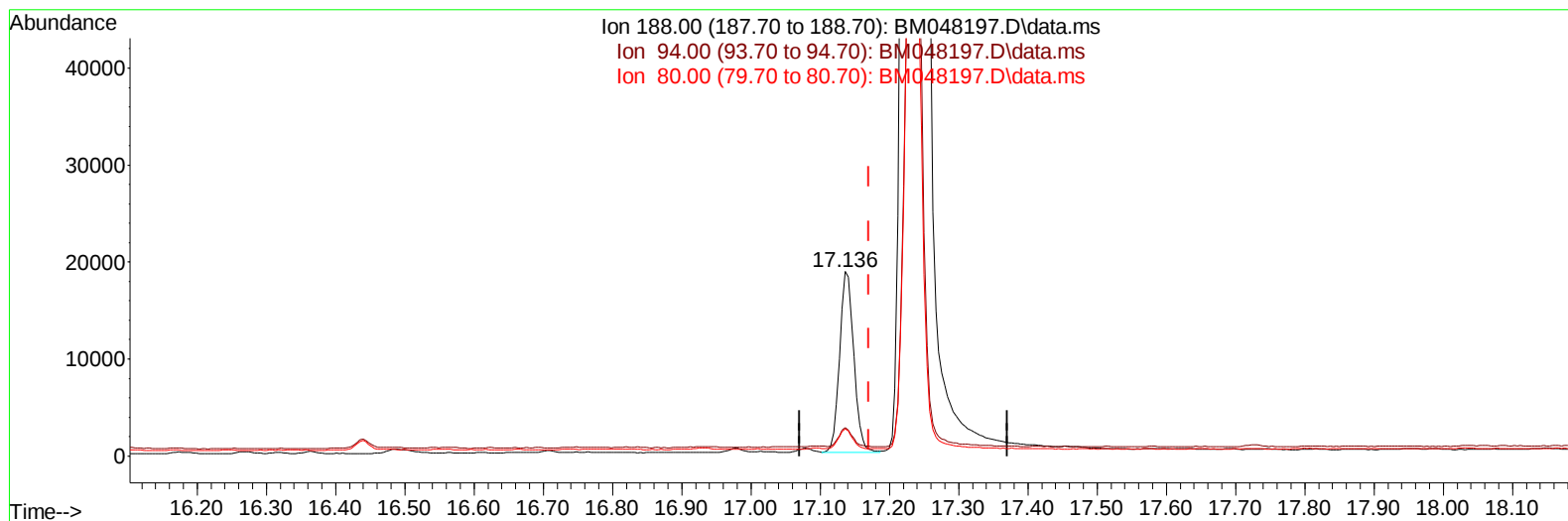
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048197.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4380-23DL 2X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G8DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 22:59:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048197.D\data.ms

(13) Phenanthrene-d10 (I)

17.136min (-0.035) 0.40 ng/ul m

response 26565

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.80	15.21#
80.00	12.40	14.69
0.00	0.00	0.00

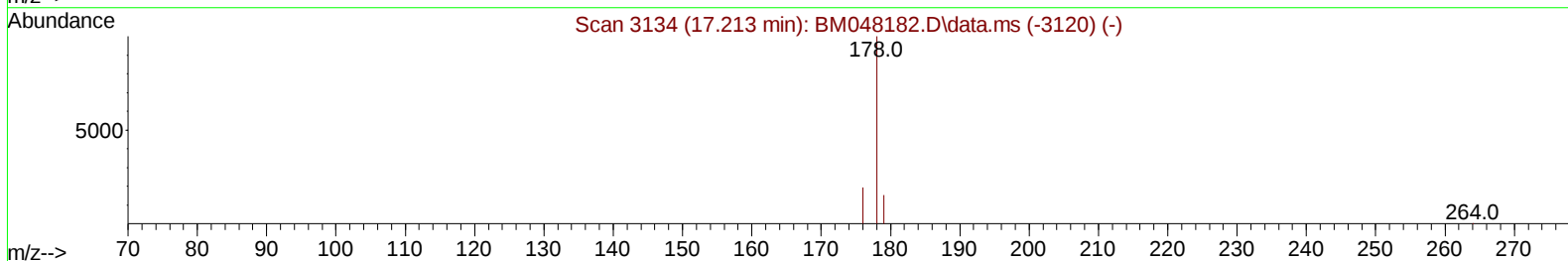
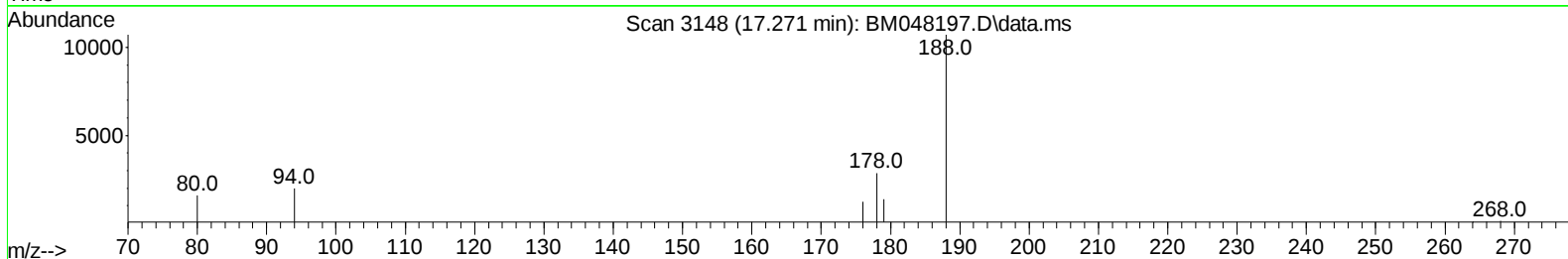
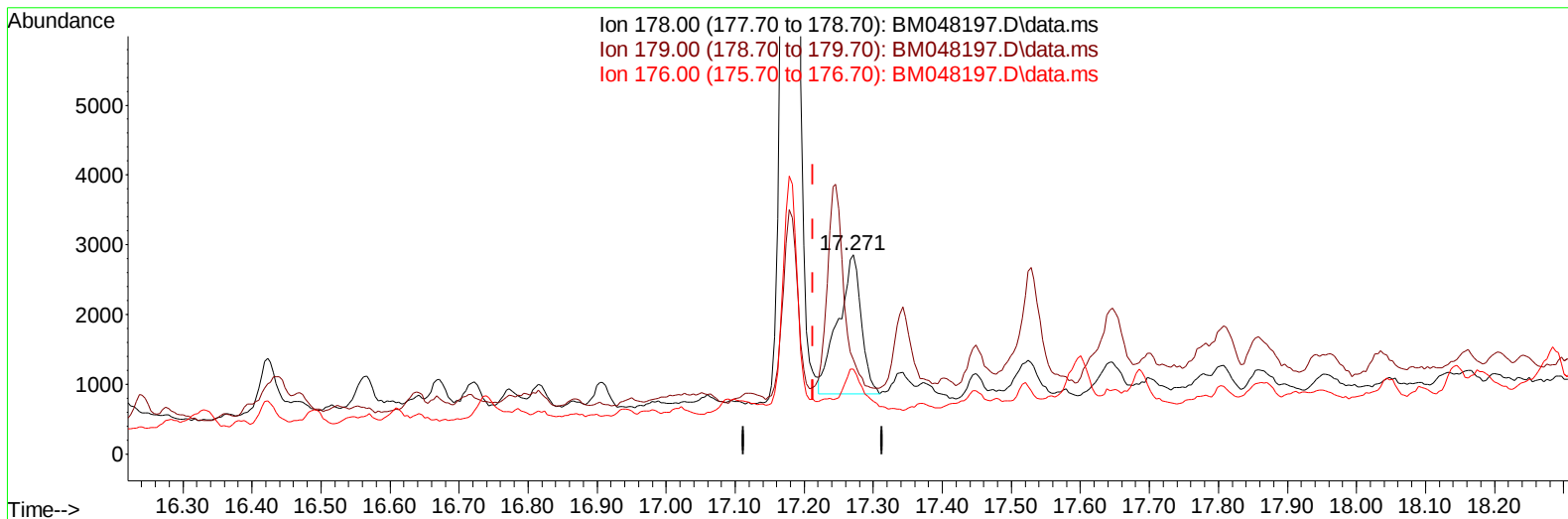
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048197.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4380-23DL 2X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G8DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 22:59:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048197.D\data.ms

(15) Phenanthrene

17.271min (+ 0.058) 0.07 ng/u1

response 4624

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	47.51#
176.00	20.00	42.75#
0.00	0.00	0.00

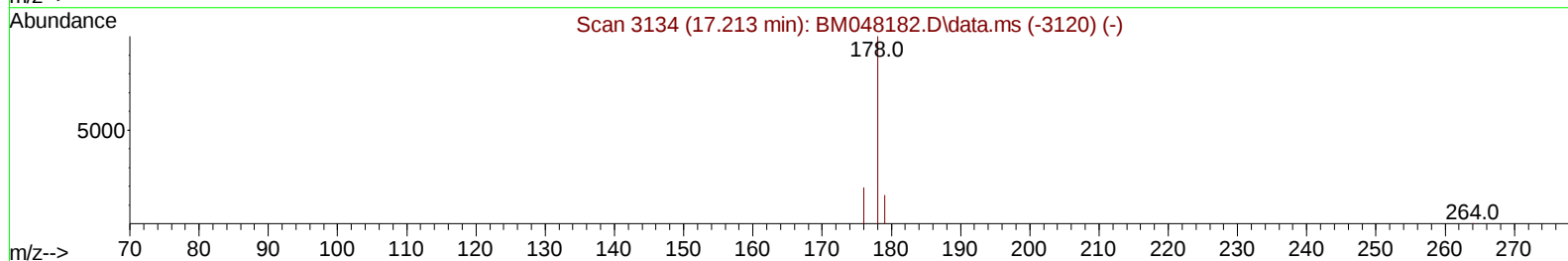
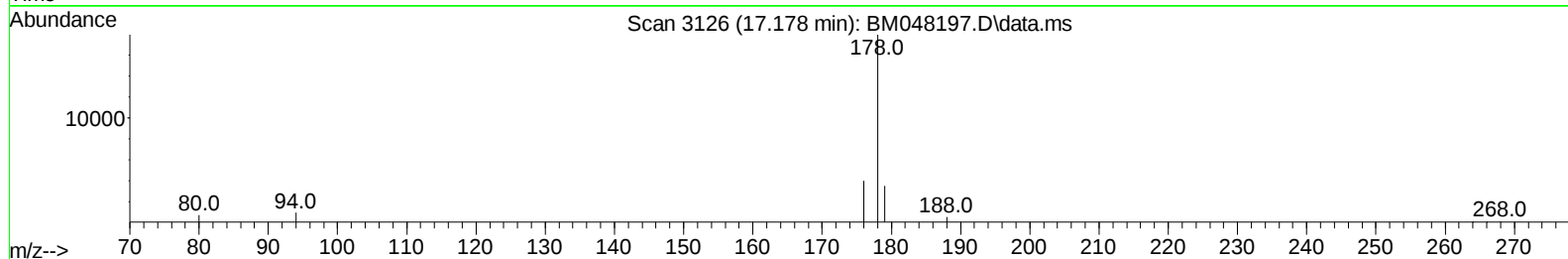
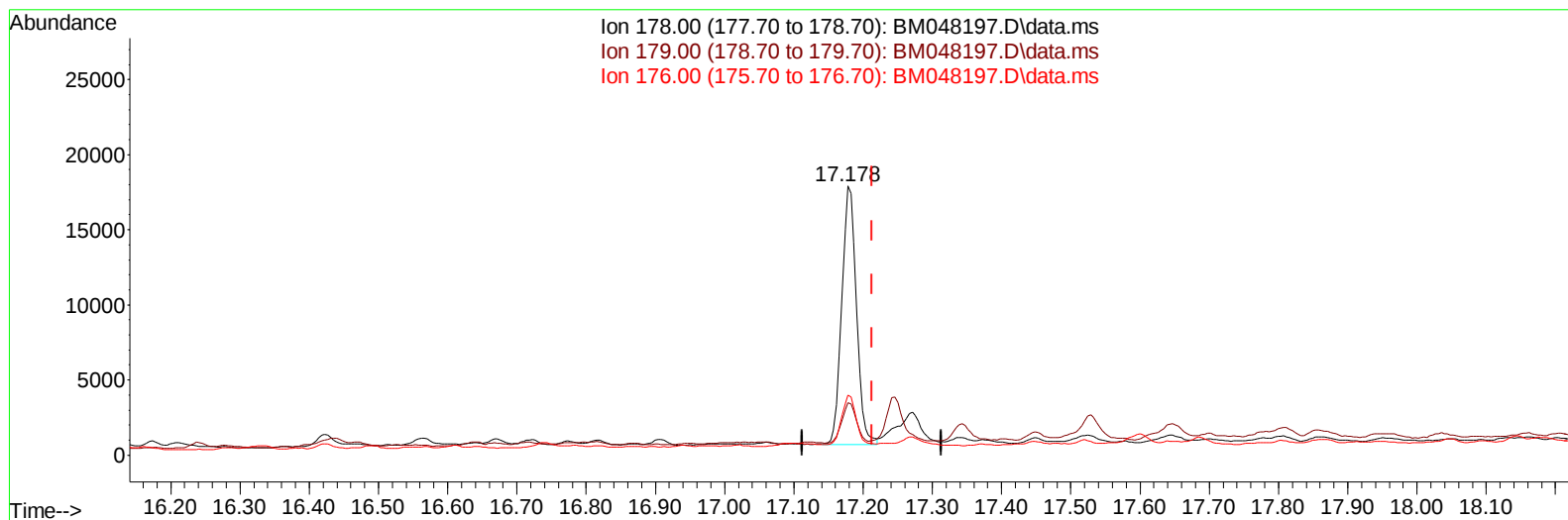
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048197.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4380-23DL 2X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G8DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 22:59:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048197.D\data.ms

(15) Phenanthrene

17.178min (-0.035) 0.38 ng/ul m

response 25500

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	19.56
176.00	20.00	22.25
0.00	0.00	0.00

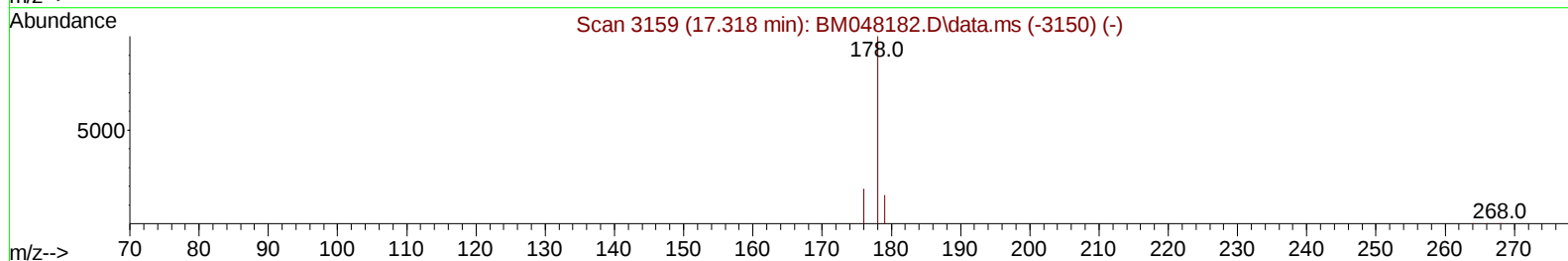
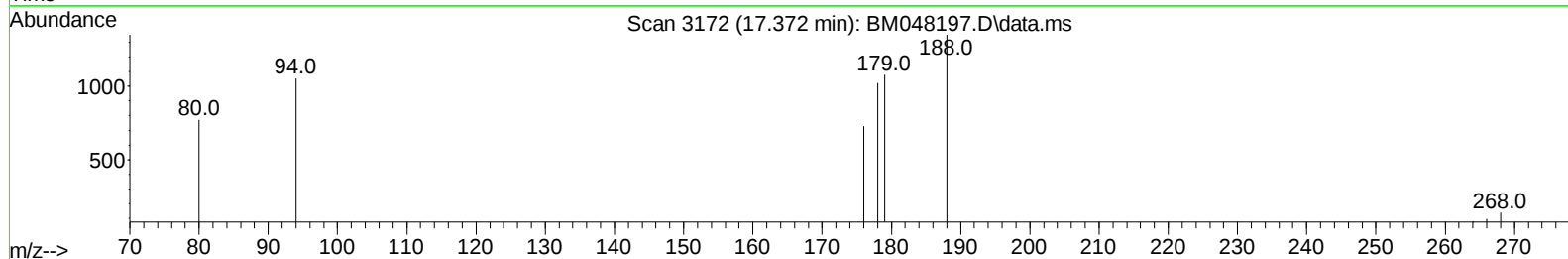
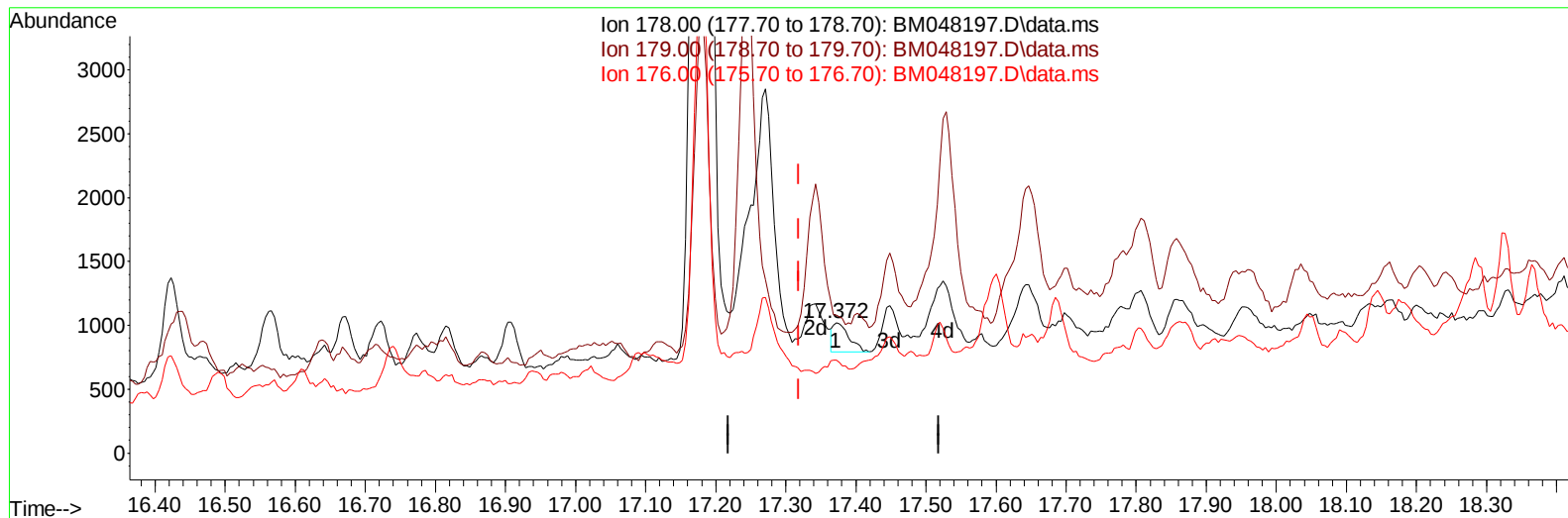
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048197.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4380-23DL 2X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G8DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 22:59:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048197.D\data.ms

(16) Anthracene

17.372min (+ 0.054) 0.01 ng/u1

response 363

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.10	105.48#
176.00	20.00	71.23#
0.00	0.00	0.00

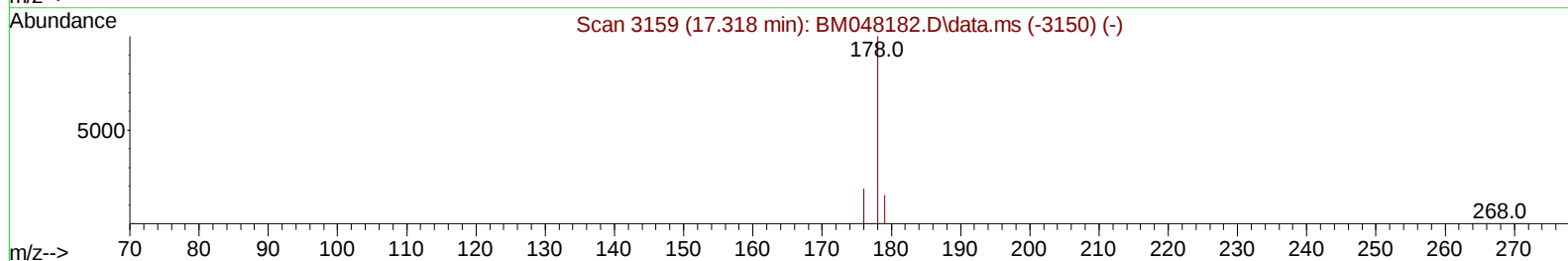
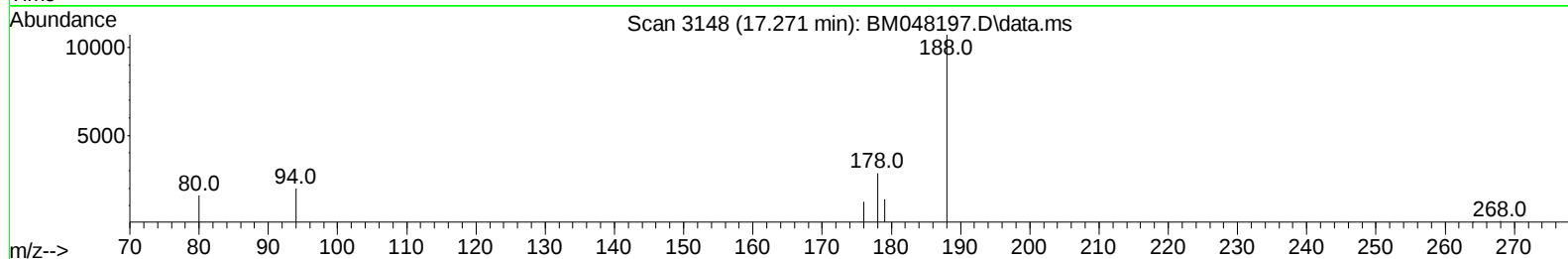
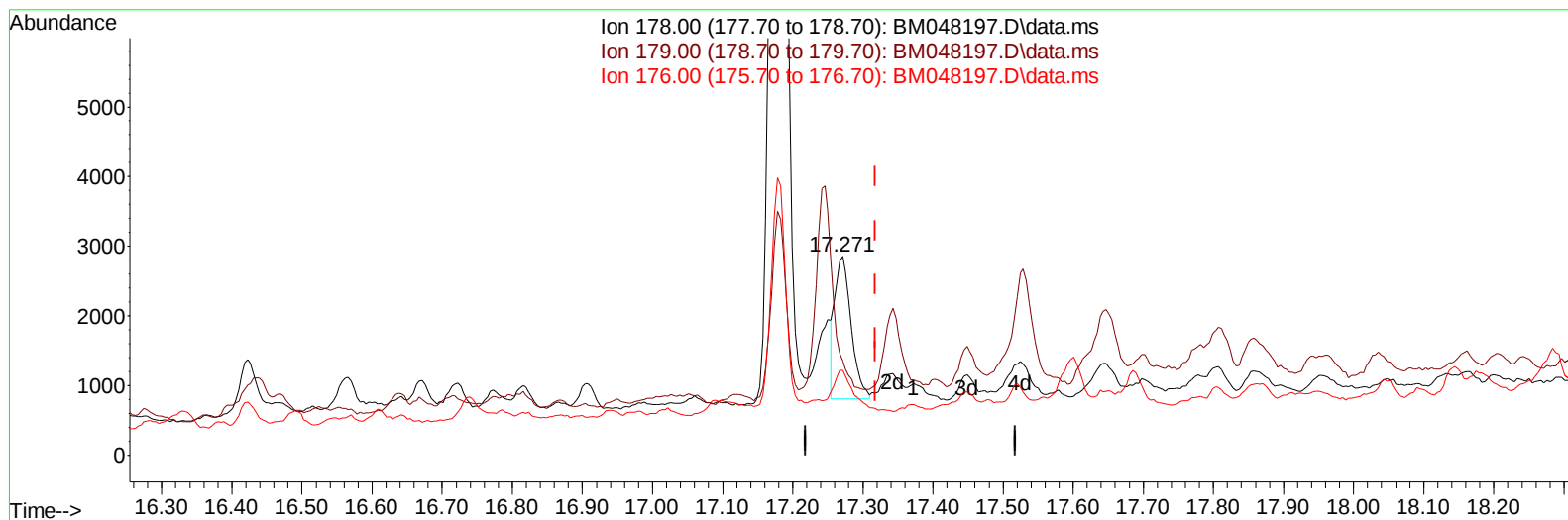
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048197.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4380-23DL 2X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G8DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 22:59:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048197.D\data.ms

(16) Anthracene

17.271min (-0.047) 0.05 ng/ul m

response 3299

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.10	47.51#
176.00	20.00	42.75#
0.00	0.00	0.00

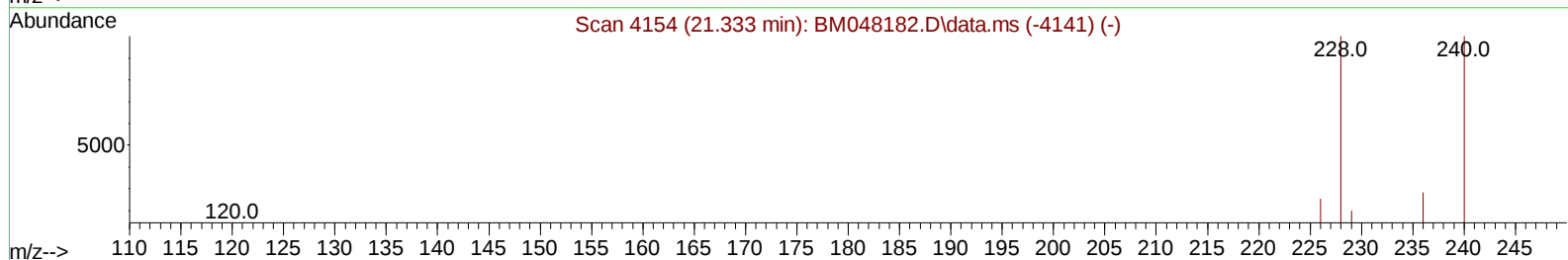
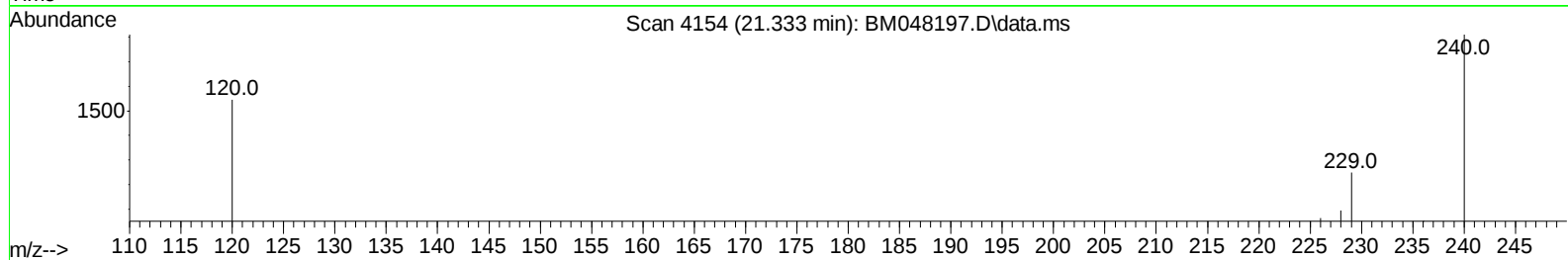
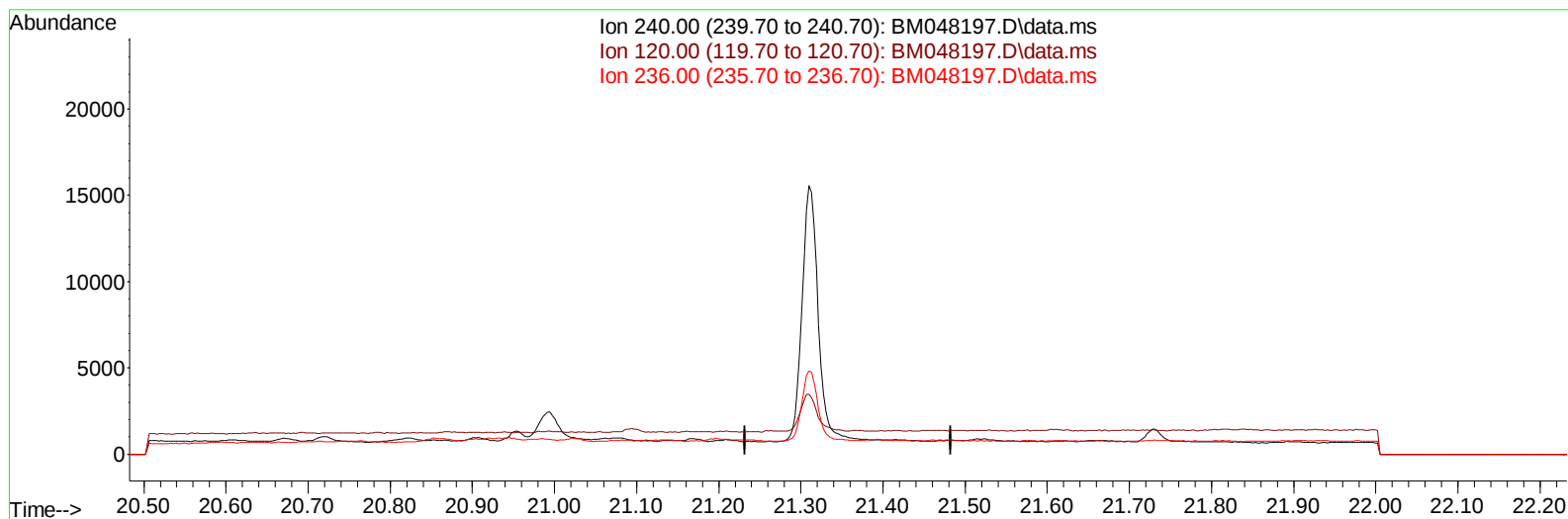
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048197.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4380-23DL 2X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G8DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 22:59:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048197.D\data.ms

(17) Chrysene-d12

21.333min (-21.333) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	22.80	0.00#
236.00	30.60	0.00#
0.00	0.00	0.00

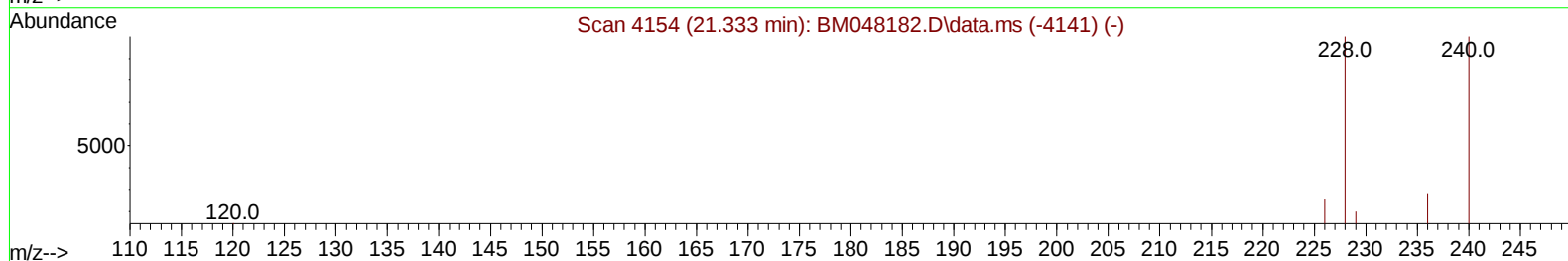
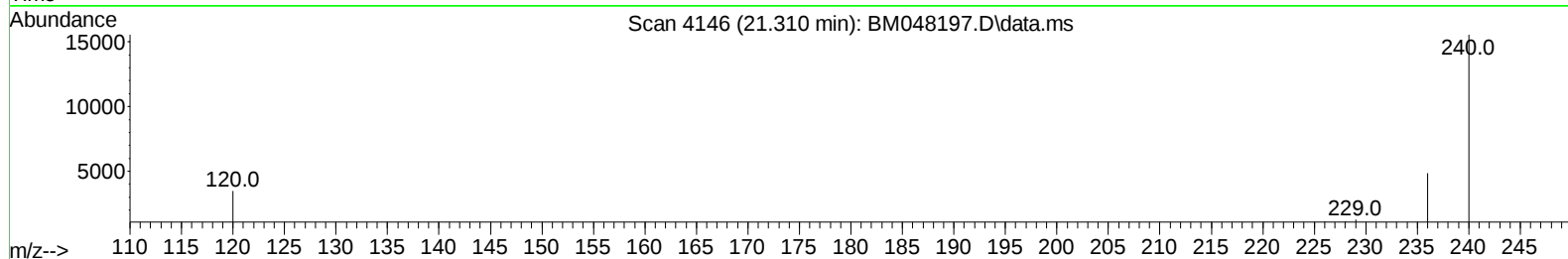
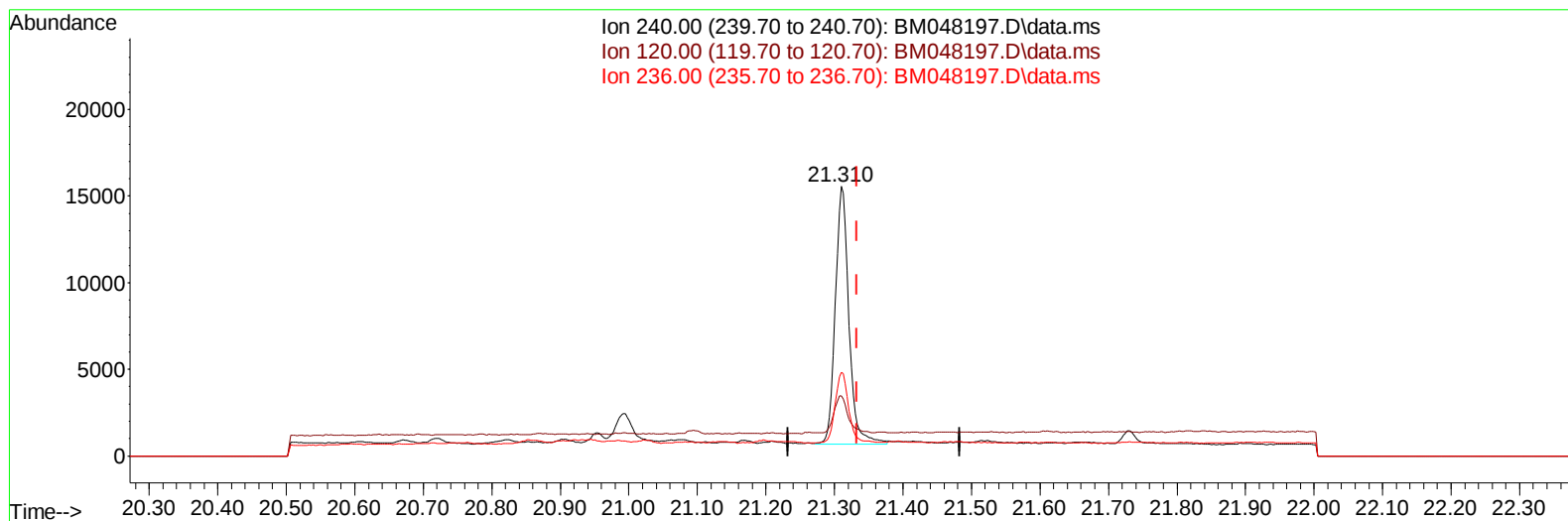
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048197.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4380-23DL 2X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G8DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 22:59:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048197.D\data.ms

(17) Chrysene-d12

21.310min (-0.023) 0.40 ng/u1 m

response 20709

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	22.28
236.00	30.60	31.08
0.00	0.00	0.00

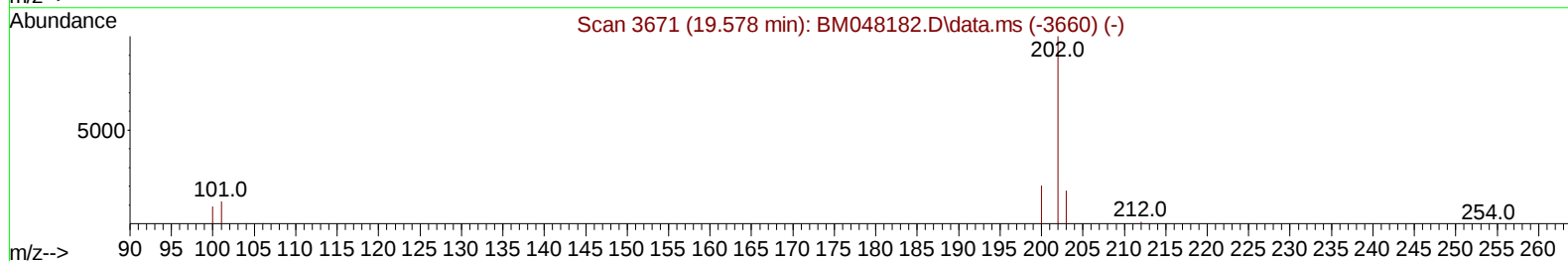
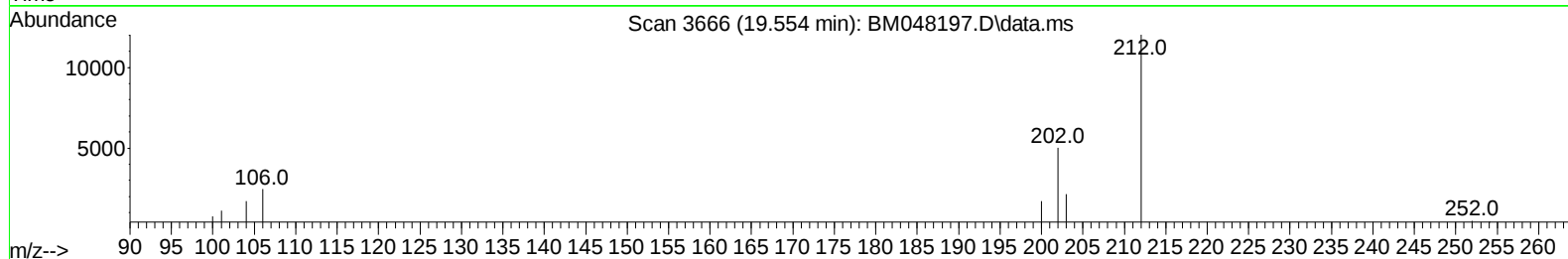
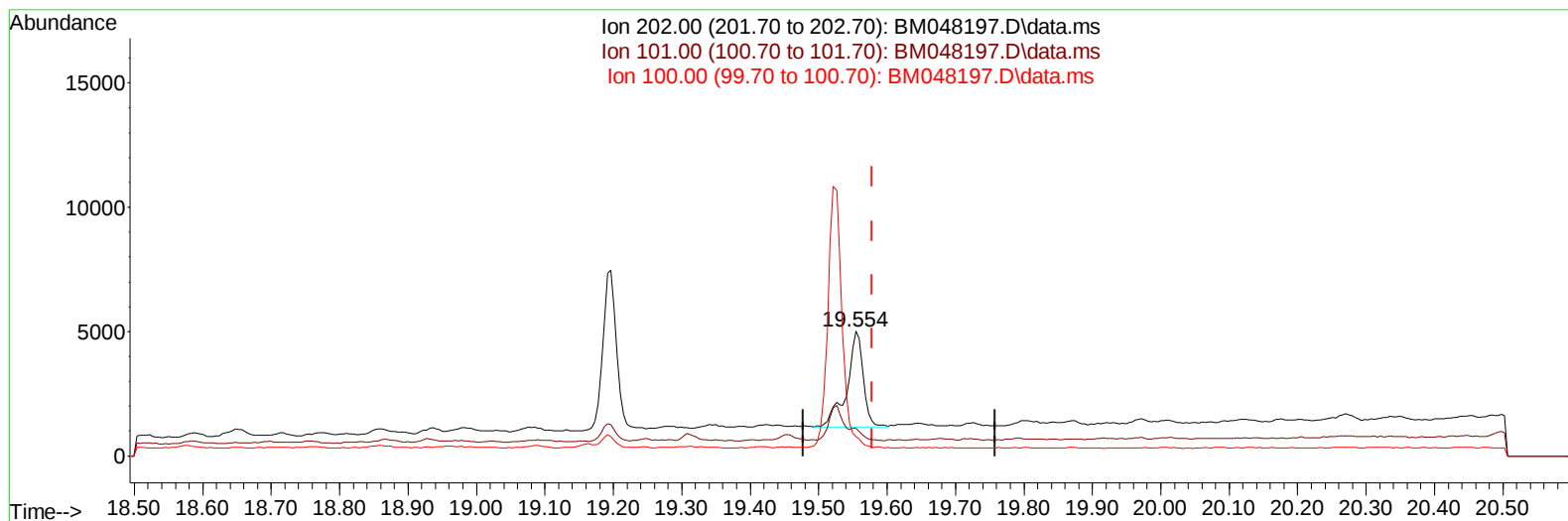
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048197.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4380-23DL 2X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G8DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 22:59:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048197.D\data.ms

(20) Pyrene

19.554min (-0.024) 0.07 ng/u1

response 6353

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	22.09#
100.00	10.10	15.80#
0.00	0.00	0.00

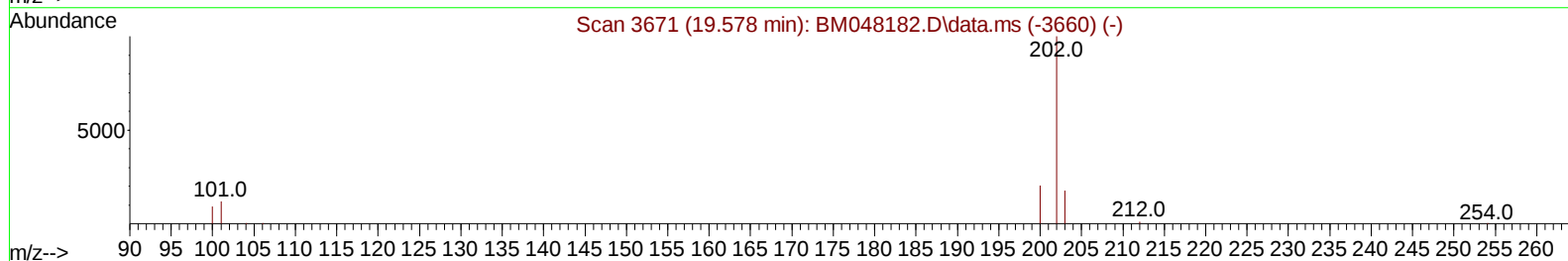
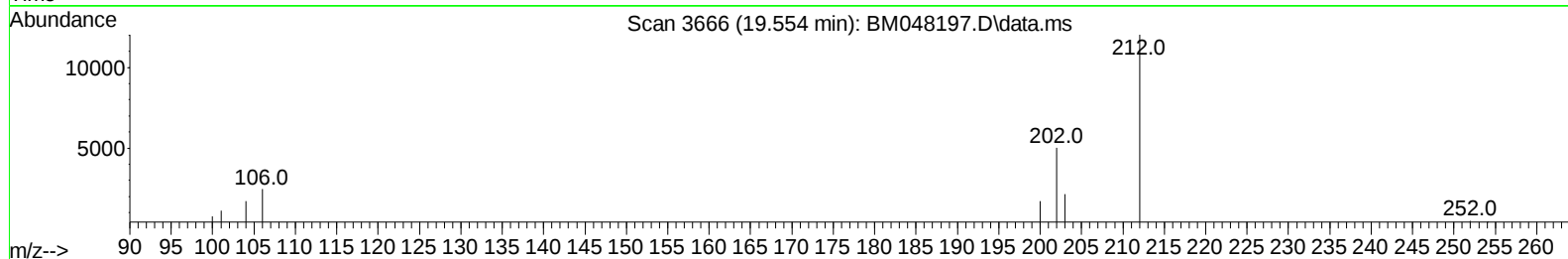
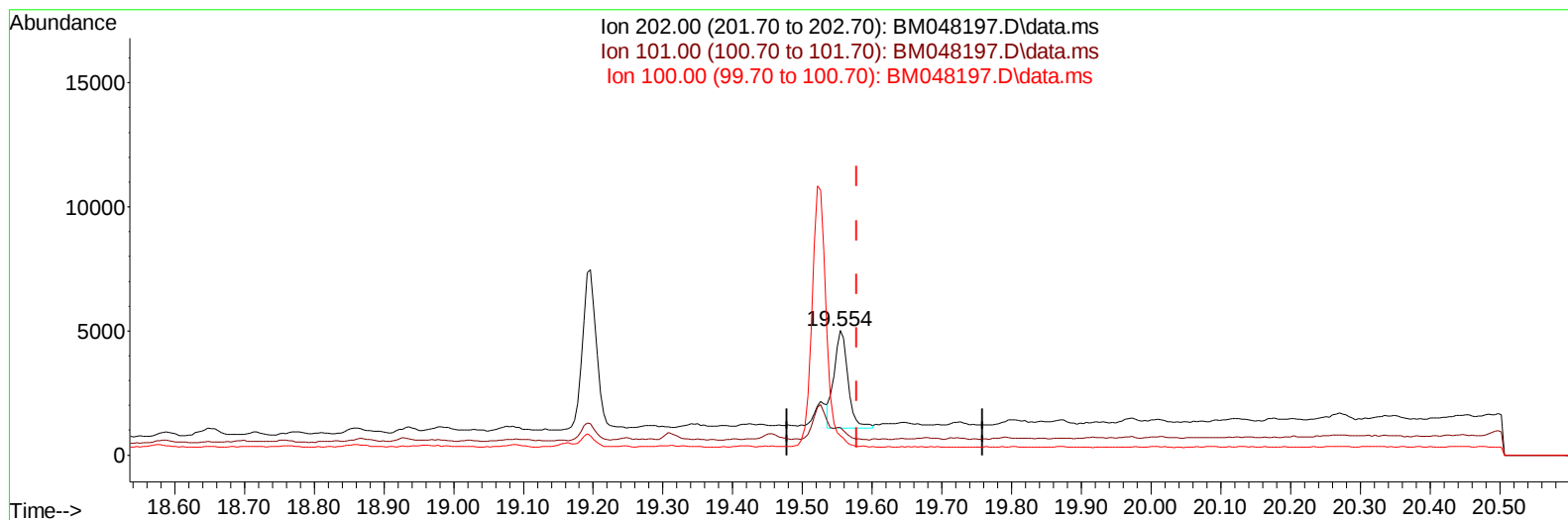
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048197.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4380-23DL 2X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G8DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 22:59:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048197.D\data.ms

(20) Pyrene

19.554min (-0.024) 0.06 ng/u1 m

response 5504

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	22.09#
100.00	10.10	15.80#
0.00	0.00	0.00

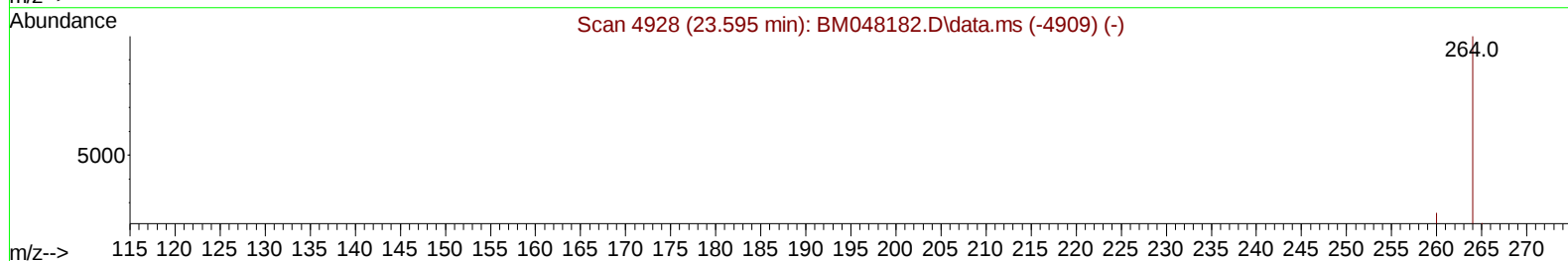
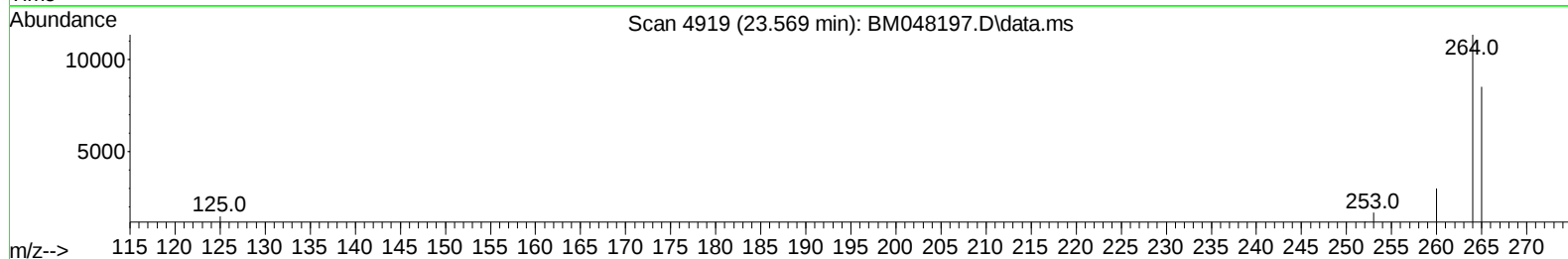
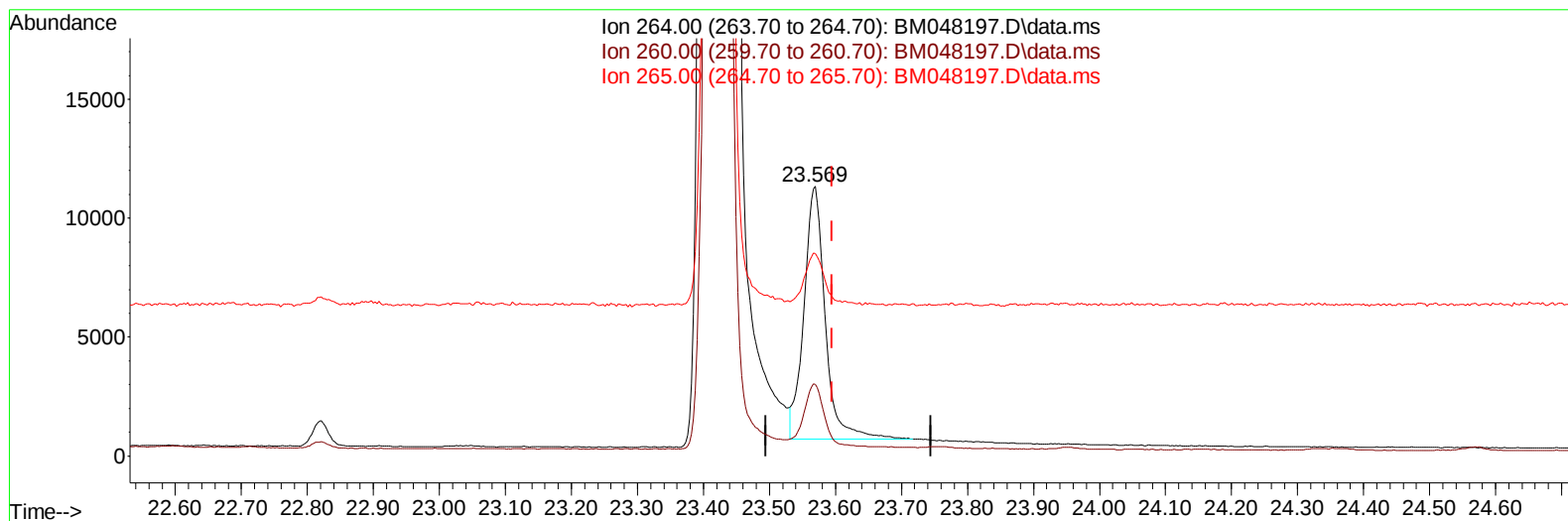
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048197.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4380-23DL 2X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G8DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 22:59:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048197.D\data.ms

(23) Perylene-d12 (I)

23.569min (-0.026) 0.40 ng/u1

response 24005

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	26.47
265.00	128.10	75.05#
0.00	0.00	0.00

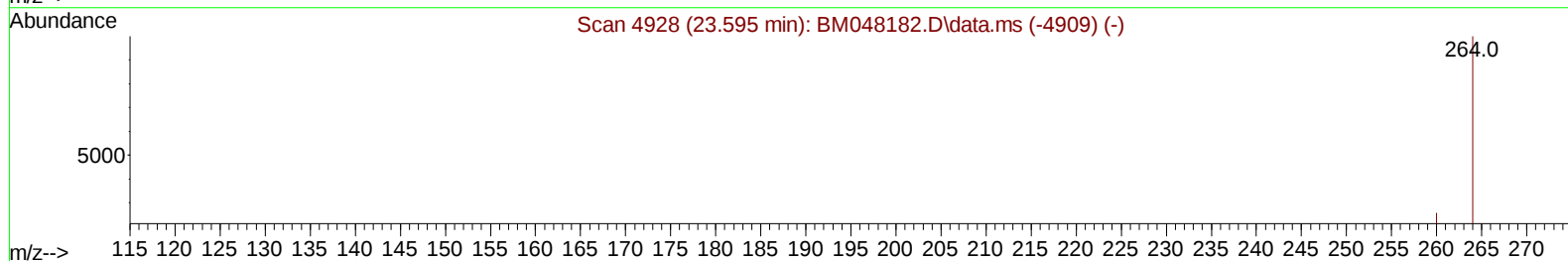
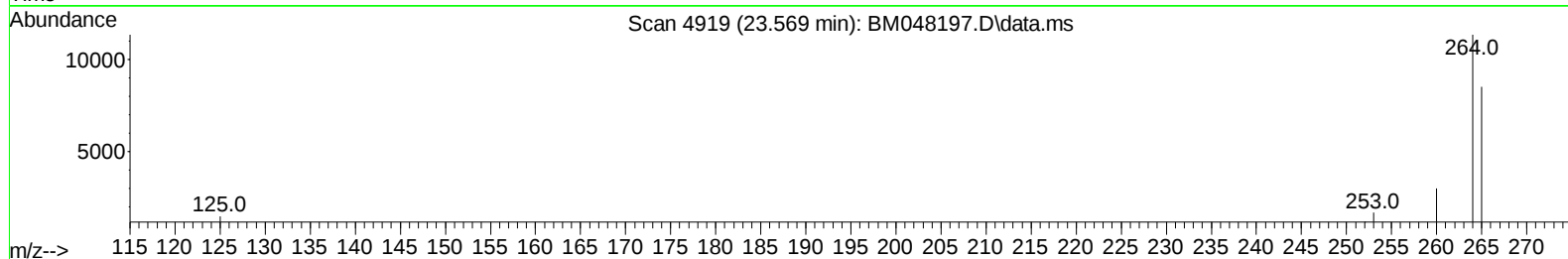
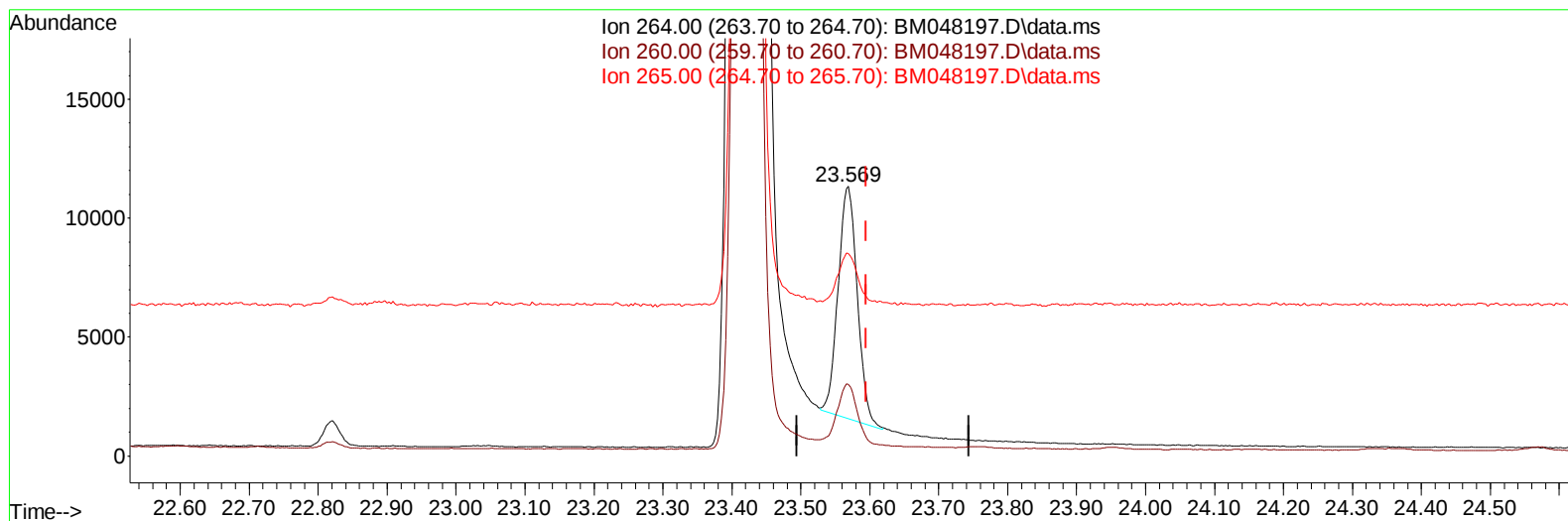
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048197.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4380-23DL 2X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G8DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 22:59:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048197.D\data.ms

(23) Perylene-d12 (I)

23.569min (-0.026) 0.40 ng/ul m

response 18835

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	26.47
265.00	128.10	75.05#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048197.D
 Acq On : 22 Oct 2024 17:47
 Operator : RC/JU
 Sample : P4380-23DL 2X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27G8DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 22 22:59:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 22 10:58:11 2024
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.767	152		7214	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.551	136		22594	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.395	164		14817	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.136	188		26565m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.310	240		20709m	0.400	ng/ul	-0.02
23) Perylene-d12	23.569	264		18835m	0.400	ng/ul	-0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.236	96		20499	2.090	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.145	152		5947	0.189	ng/ul	-0.05
18) Fluoranthene-d10	19.164	212		13123	0.218	ng/ul	-0.02
Target Compounds							Qvalue
5) Naphthalene	10.600	128		63317	1.031	ng/ul	96
7) 2-Methylnaphthalene	12.222	142		7121	0.203	ng/ul	98
8) 1-Methylnaphthalene	12.442	142		7132	0.176	ng/ul	98
10) Acenaphthylene	14.117	152		2250	0.033	ng/ul#	67
11) Acenaphthene	14.459	153		10288	0.210	ng/ul	98
12) Fluorene	15.449	166		4032	0.077	ng/ul#	95
15) Phenanthrene	17.178	178		25500m	0.380	ng/ul	
16) Anthracene	17.271	178		3299m	0.052	ng/ul	
19) Fluoranthene	19.196	202		9221	0.113	ng/ul#	90
20) Pyrene	19.554	202		5504m	0.063	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048197.D
Acq On : 22 Oct 2024 17:47
Operator : RC/JU
Sample : P4380-23DL 2X
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27G8DL

Manual IntegrationsAPPROVED

Quant Time: Oct 22 22:59:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 22 10:58:11 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/23/2024
Supervised By :mohammad ahmed 10/23/2024

