

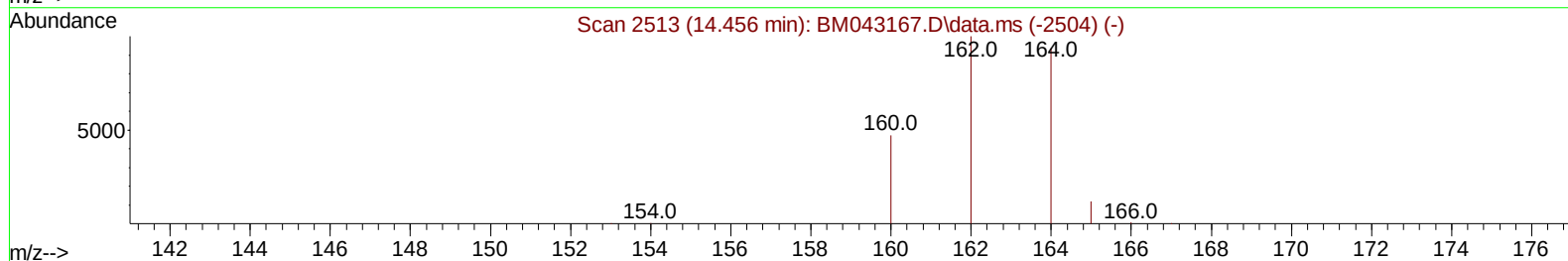
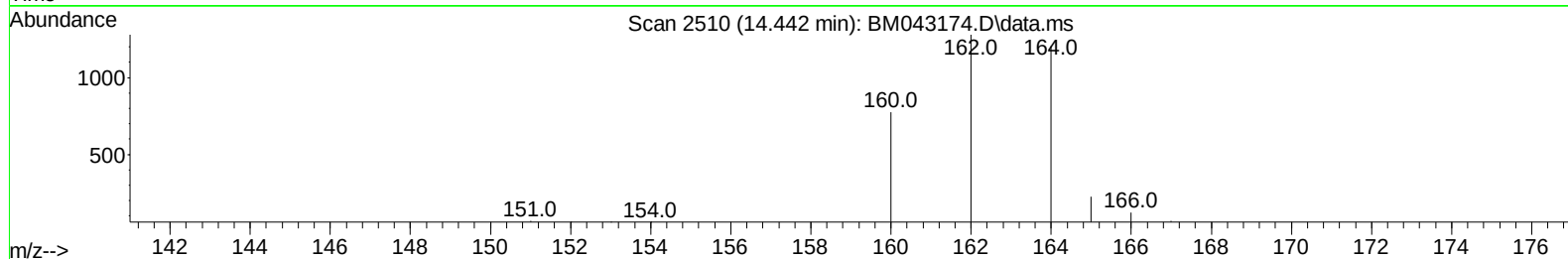
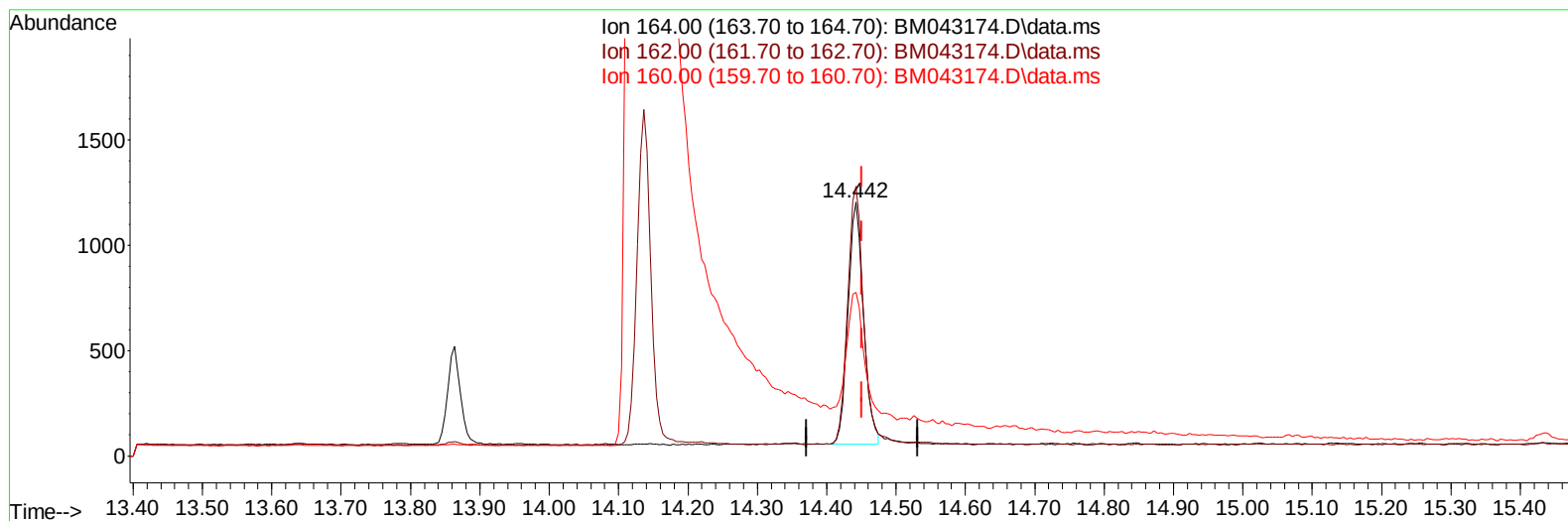
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120423\
Data File : BM043174.D
Acq On : 04 Dec 2023 13:36
Operator : MA/JU
Sample : 05473-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Manual IntegrationsAPPROVED

Quant Time: Dec 04 14:17:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 23:54:55 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



TIC: BM043174.D\data.ms

(9) Acenaphthene-d10 (I)

14.442min (-0.009) 0.40 ng/u1

response 1765

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	106.23
160.00	57.20	64.37
0.00	0.00	0.00

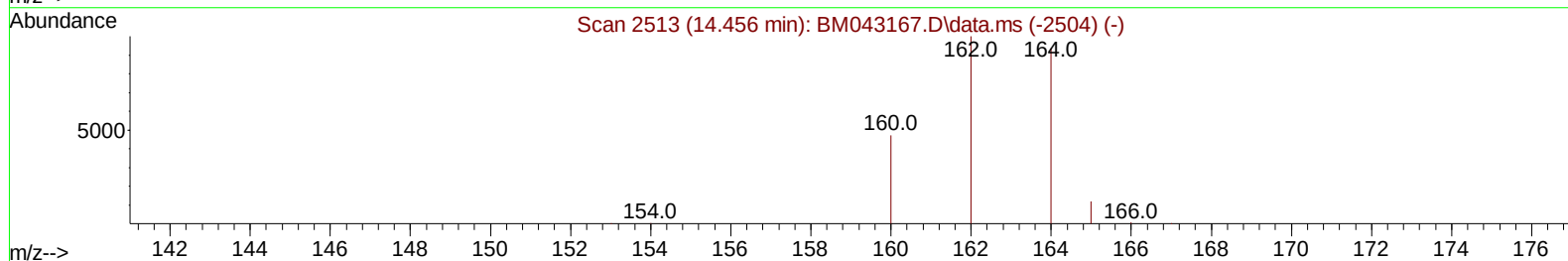
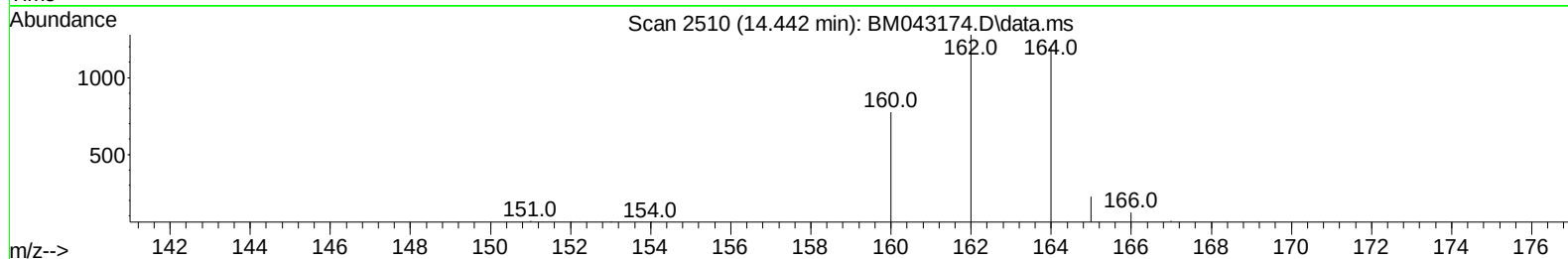
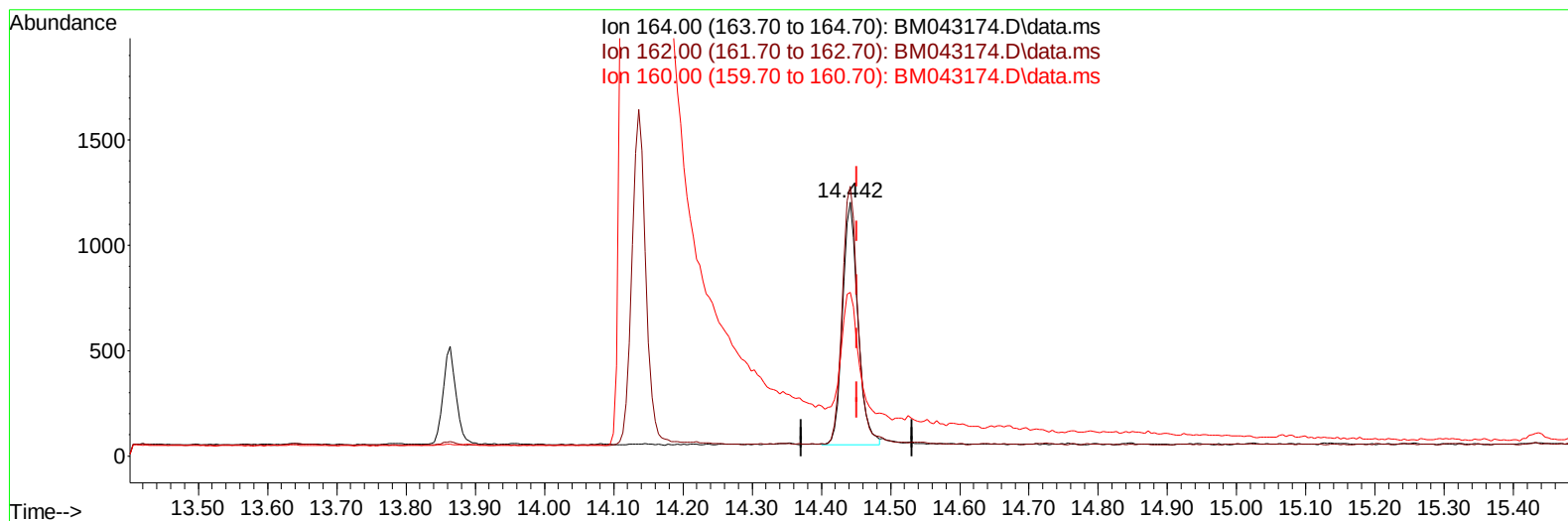
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120423\
Data File : BM043174.D
Acq On : 04 Dec 2023 13:36
Operator : MA/JU
Sample : 05473-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023



TIC: BM043174.D\data.ms

(9) Acenaphthene-d10 (I)

14.442min (-0.009) 0.40 ng/ul m

response 1793

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	106.23
160.00	57.20	64.37
0.00	0.00	0.00

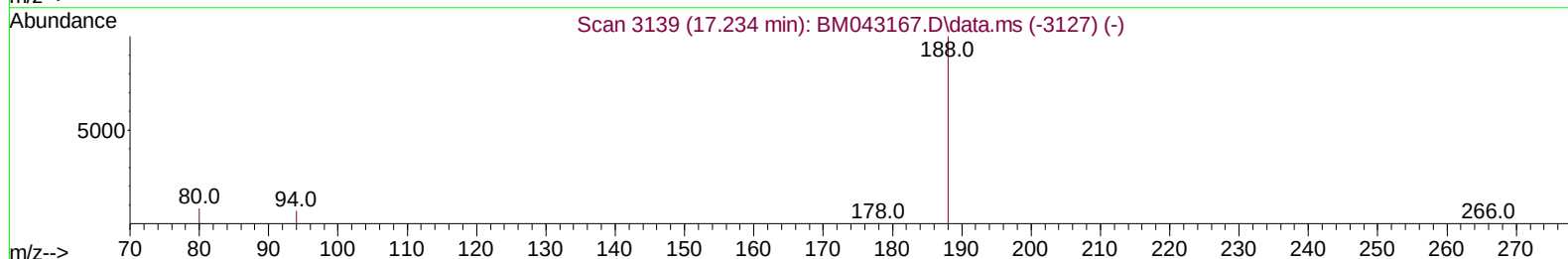
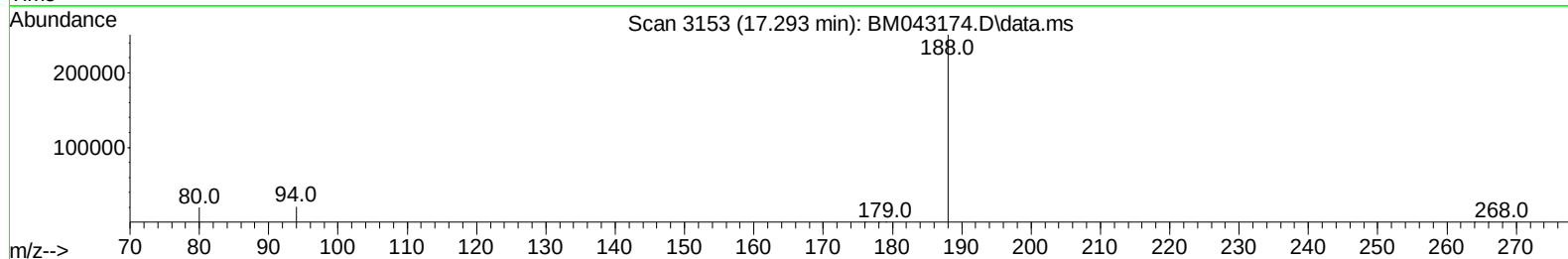
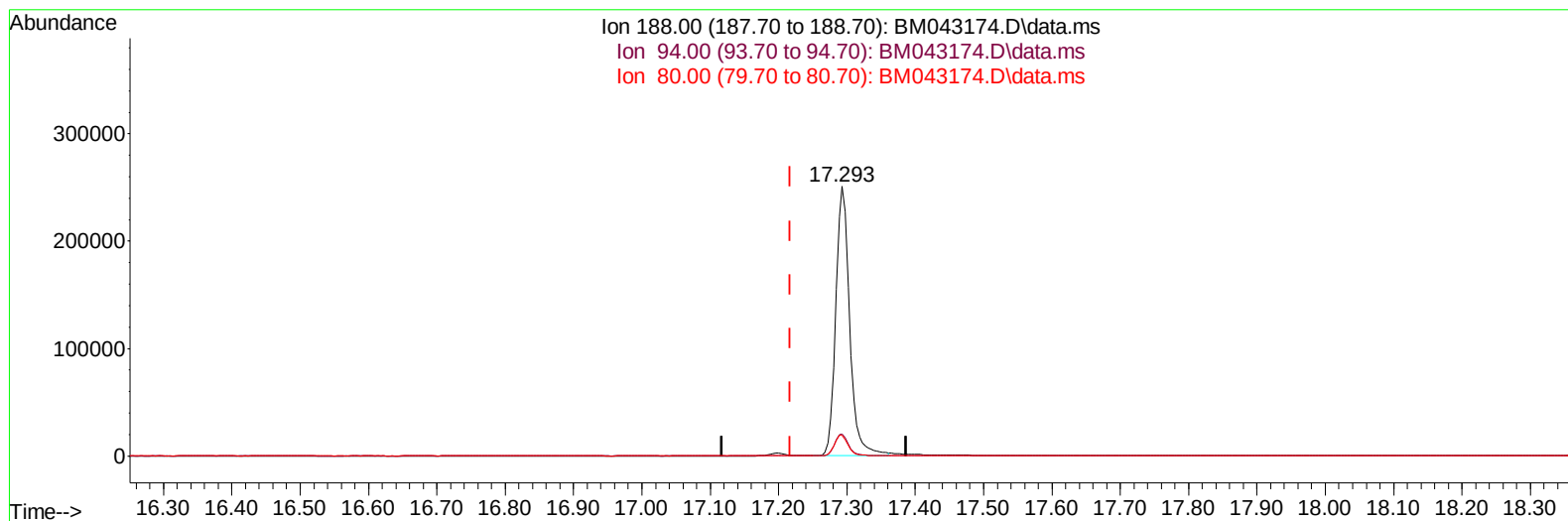
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120423\
Data File : BM043174.D
Acq On : 04 Dec 2023 13:36
Operator : MA/JU
Sample : 05473-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Manual IntegrationsAPPROVED

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TIC: BM043174.D\data.ms

(13) Phenanthrene-d10 (I)

17.293min (+ 0.076) 0.40 ng/u1

response 352467

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	8.25#
80.00	12.70	7.72#
0.00	0.00	0.00

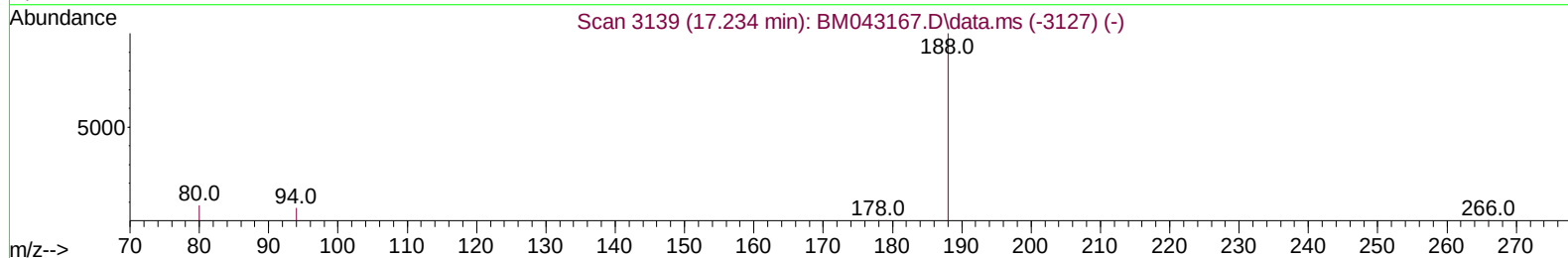
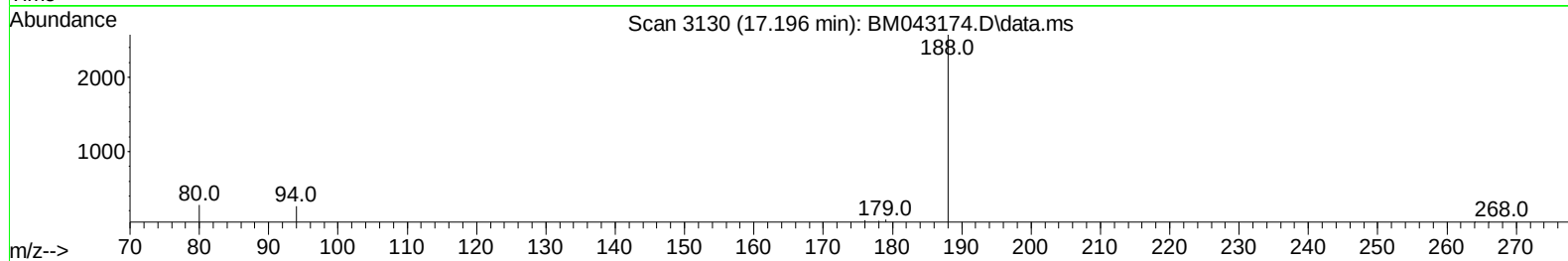
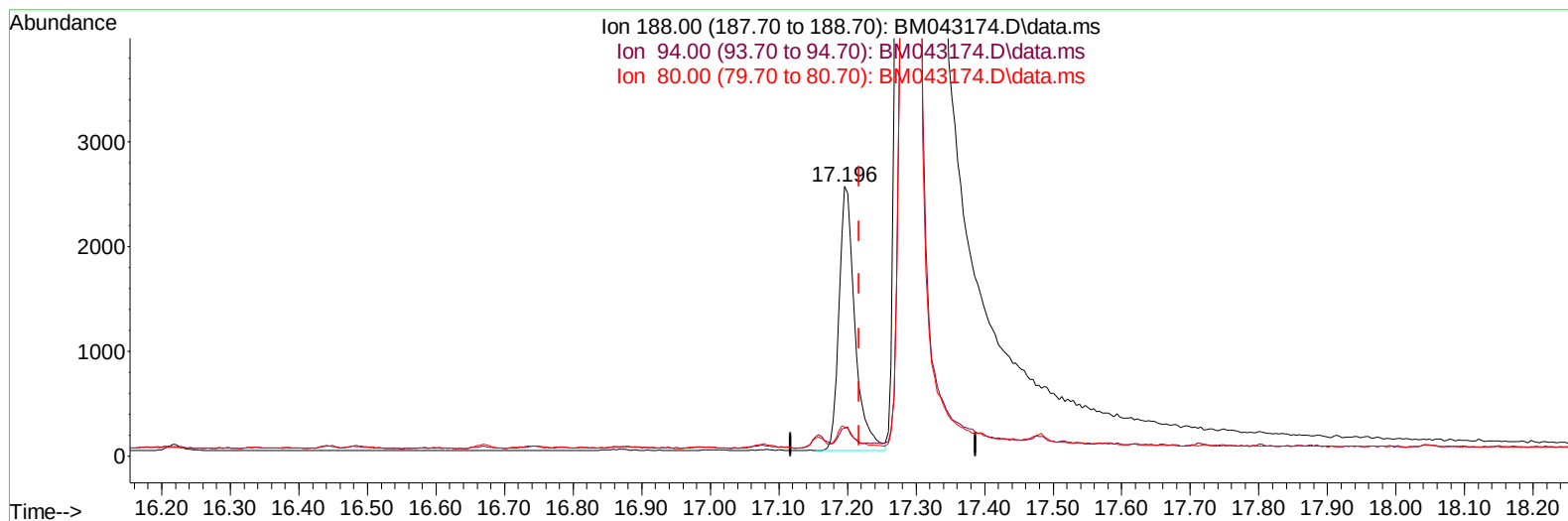
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120423\
 Data File : BM043174.D
 Acq On : 04 Dec 2023 13:36
 Operator : MA/JU
 Sample : 05473-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE8

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/05/2023



TIC: BM043174.D\data.ms

(13) Phenanthrene-d10 (I)

17.196min (-0.021) 0.40 ng/ul m

response 4094

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	10.17
80.00	12.70	10.76
0.00	0.00	0.00

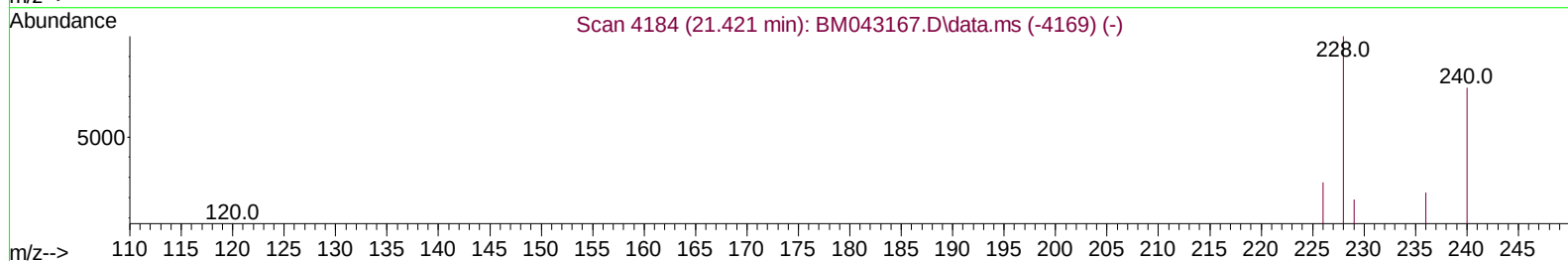
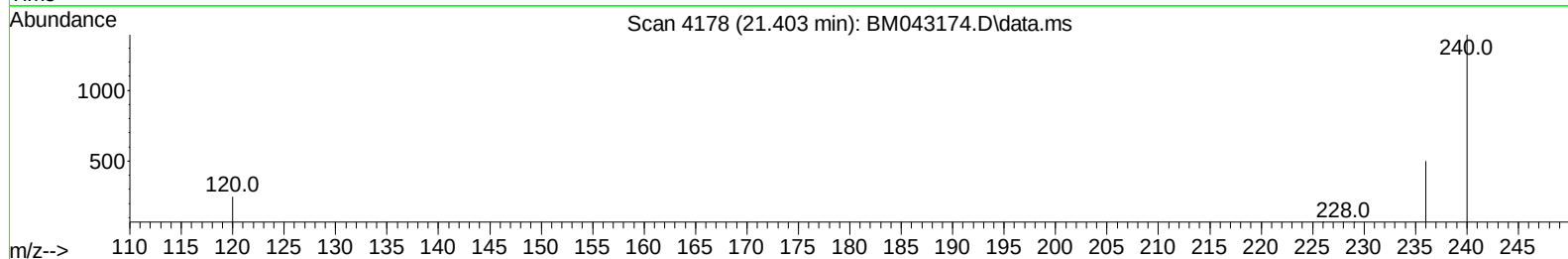
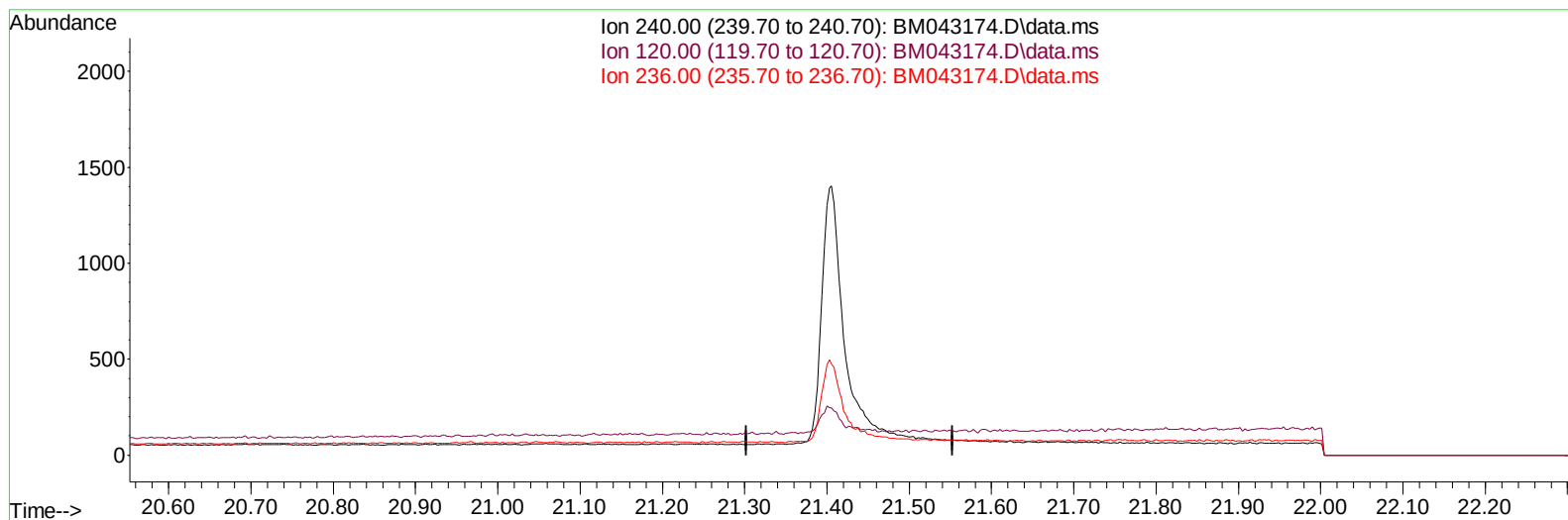
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120423\
Data File : BM043174.D
Acq On : 04 Dec 2023 13:36
Operator : MA/JU
Sample : 05473-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Manual IntegrationsAPPROVED

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TIC: BM043174.D\data.ms

(17) Chrysene-d12

21.403min (-21.403) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	22.80	0.00#
236.00	38.50	0.00#
0.00	0.00	0.00

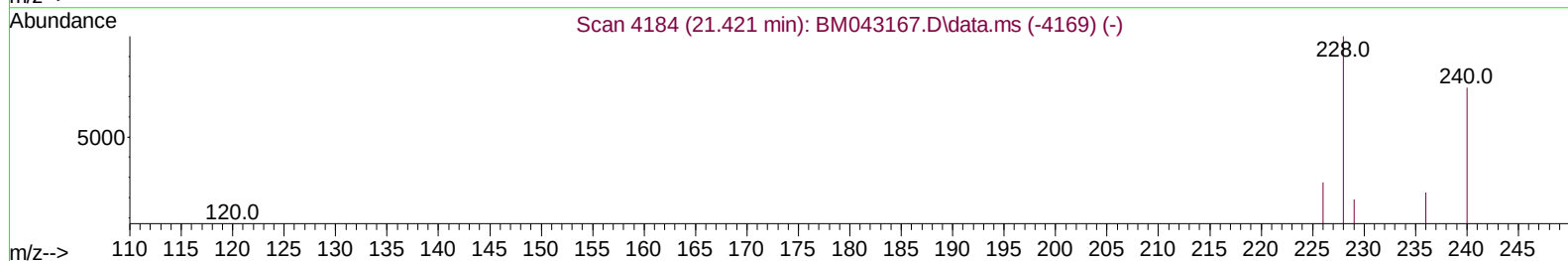
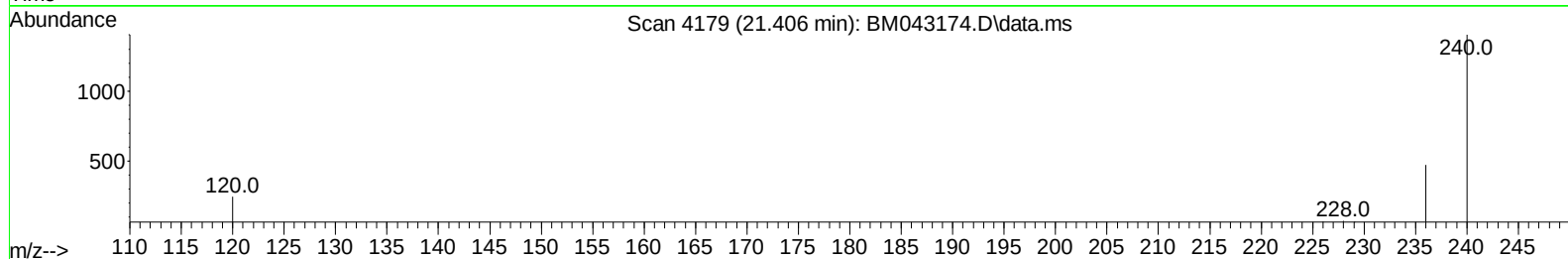
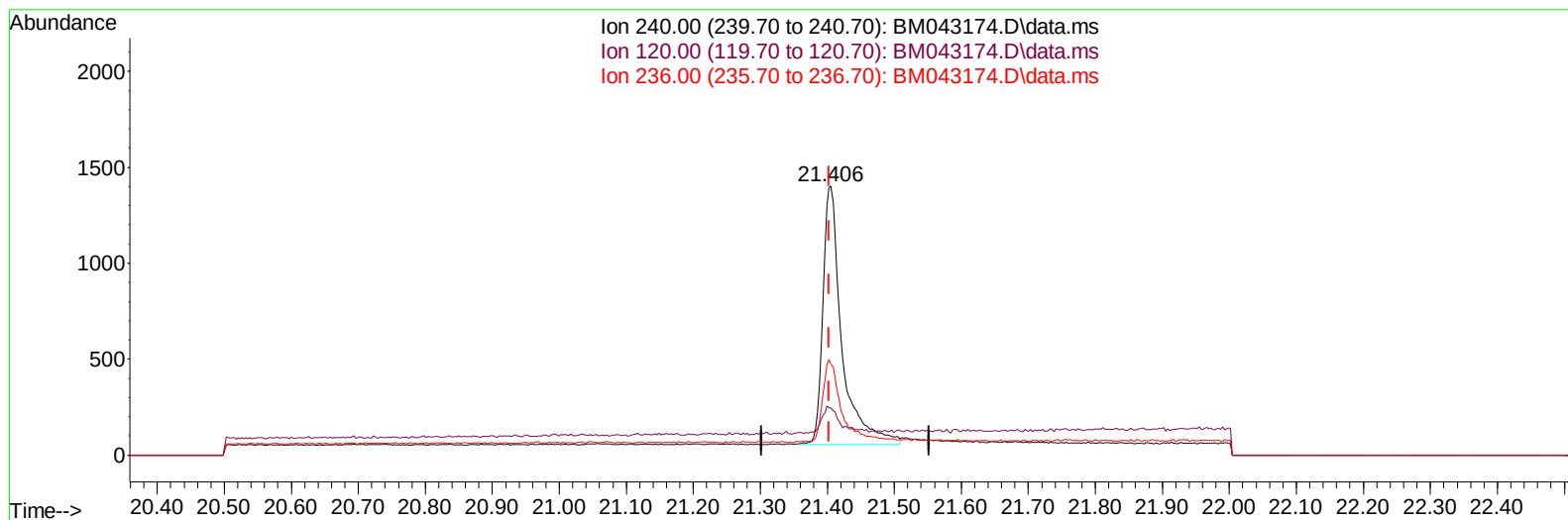
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120423\
Data File : BM043174.D
Acq On : 04 Dec 2023 13:36
Operator : MA/JU
Sample : 05473-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE8

Manual IntegrationsAPPROVED

Quant Time: Dec 04 14:17:24 2023
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TIC: BM043174.D\data.ms

(17) Chrysene-d12

21.406min (+ 0.003) 0.40 ng/ul m

response 2649

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	17.55#
236.00	38.50	33.88
0.00	0.00	0.00

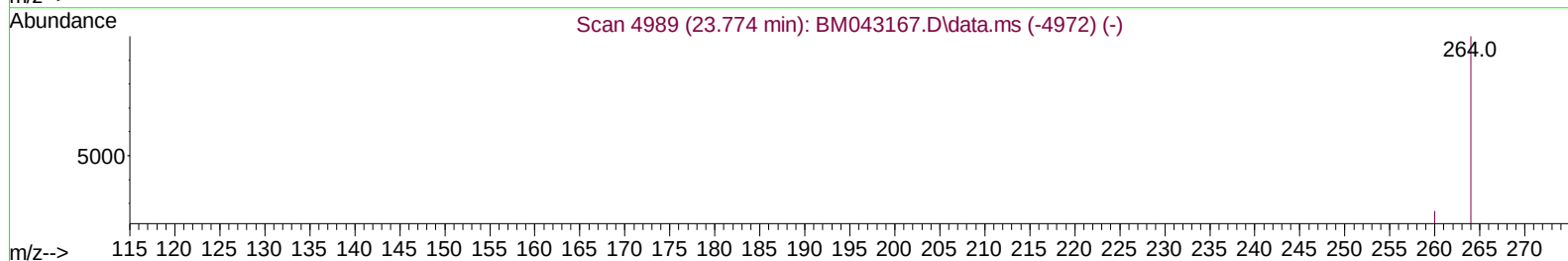
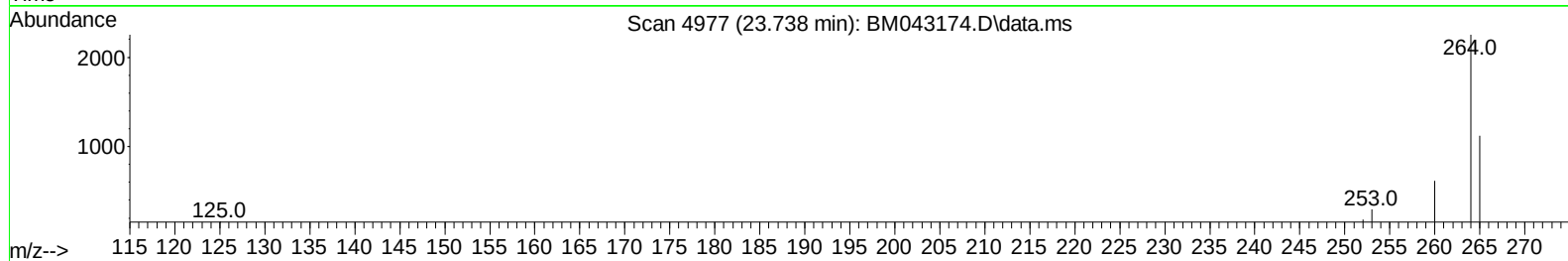
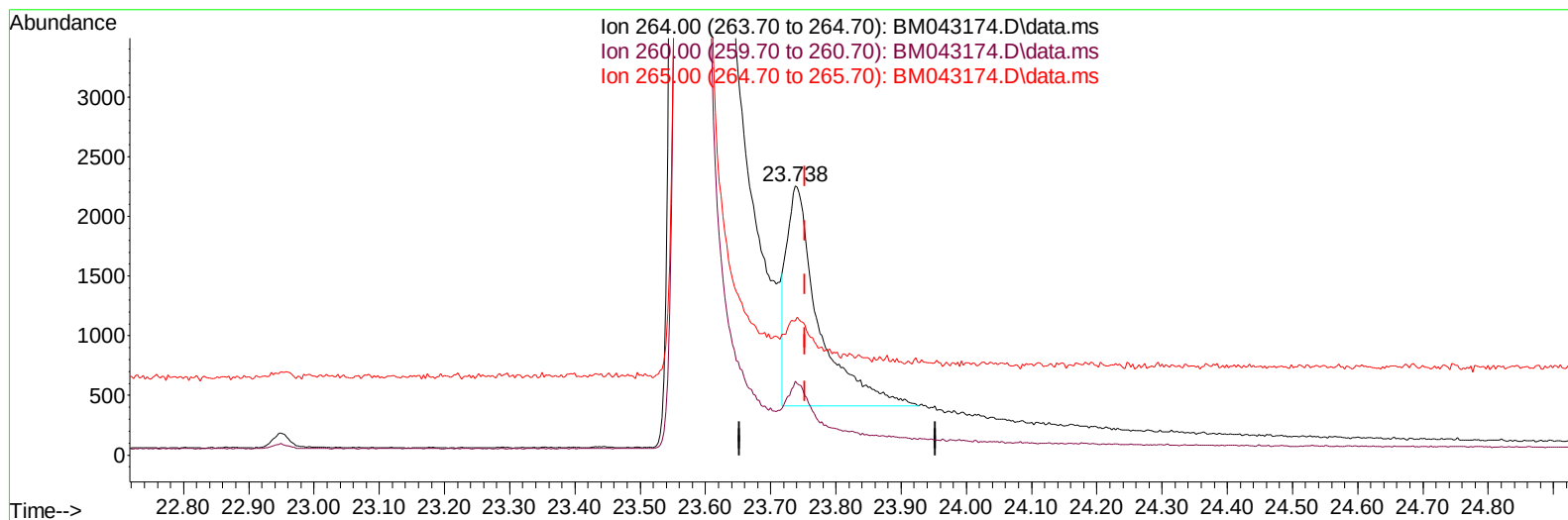
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120423\
 Data File : BM043174.D
 Acq On : 04 Dec 2023 13:36
 Operator : MA/JU
 Sample : 05473-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE8

Manual IntegrationsAPPROVED

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TIC: BM043174.D\data.ms

(23) Perylene-d12 (I)

23.738min (-0.015) 0.40 ng/u1

response 6359

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.52
265.00	120.30	49.80#
0.00	0.00	0.00

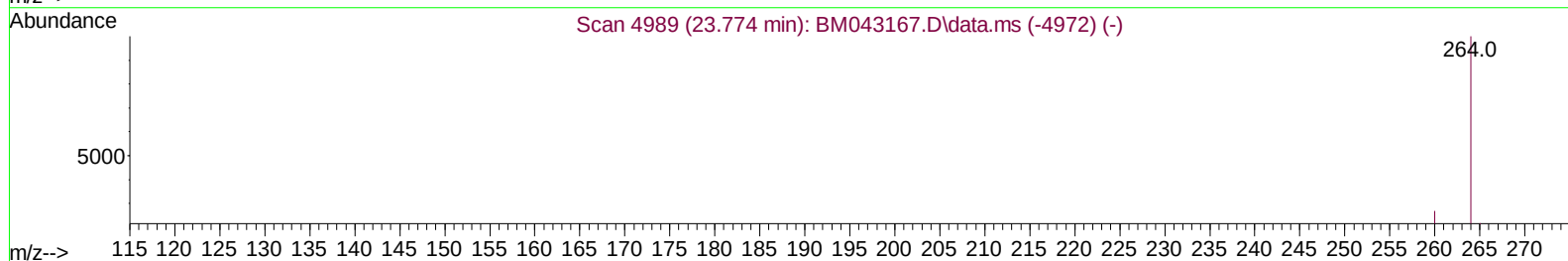
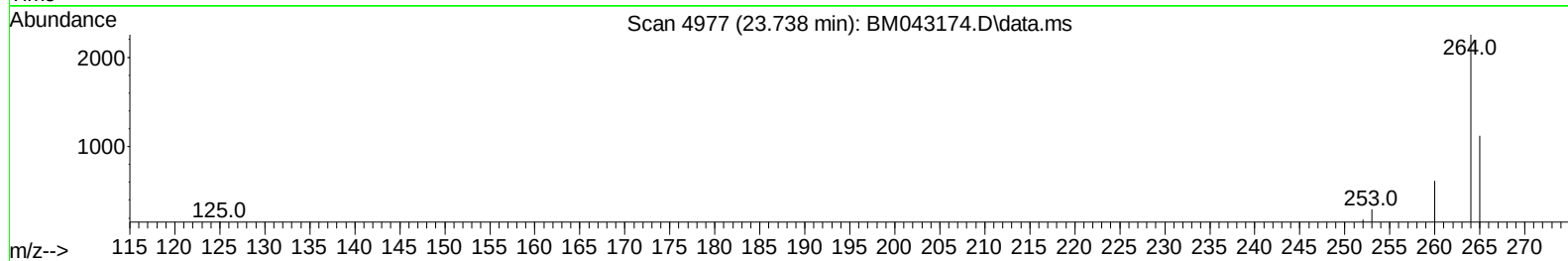
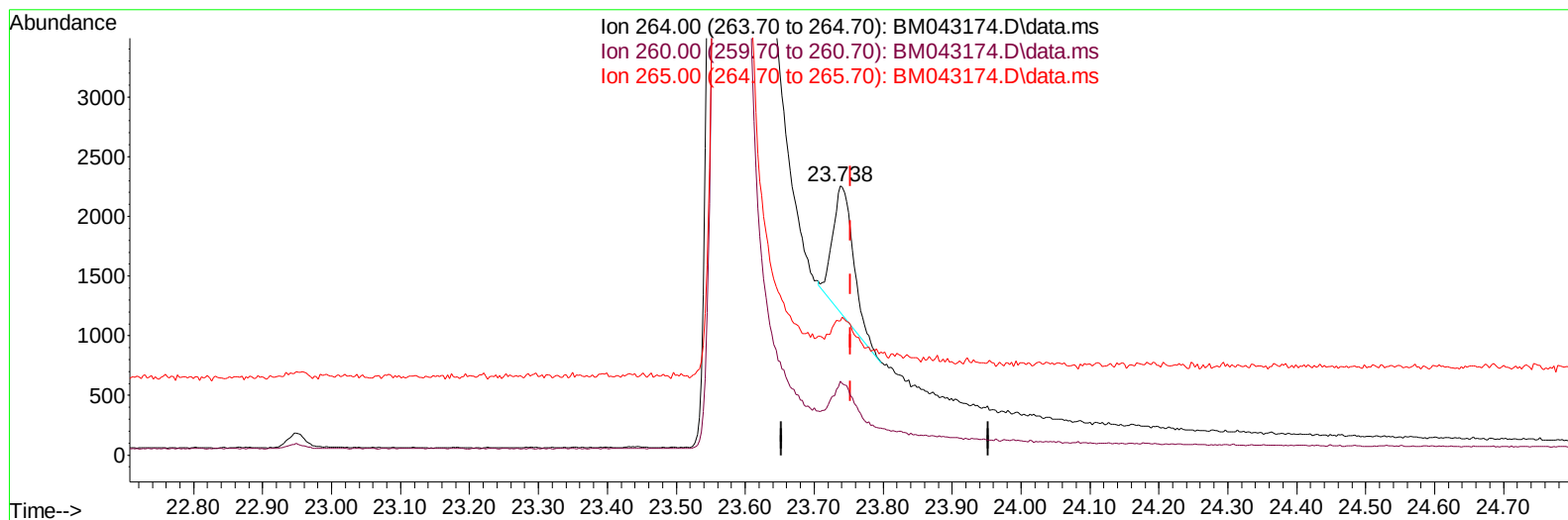
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120423\
 Data File : BM043174.D
 Acq On : 04 Dec 2023 13:36
 Operator : MA/JU
 Sample : 05473-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE8

Manual IntegrationsAPPROVED

Quant Time: Dec 04 14:17:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 02 23:54:55 2023
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 Supervised By :mohammad ahmed 12/05/2023



TIC: BM043174.D\data.ms

(23) Perylene-d12 (I)

23.738min (-0.015) 0.40 ng/ul m

response 2193

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.52
265.00	120.30	49.80#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120423\
 Data File : BM043174.D
 Acq On : 04 Dec 2023 13:36
 Operator : MA/JU
 Sample : 05473-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/05/2023
 Supervised By :mohammad ahmed 12/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	956	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.590	136	2980	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.442	164	1793m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	4094m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.406	240	2649m	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	2193m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	3660	2.495	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	1162	0.291	ng/ul	-0.01
18) Fluoranthene-d10	19.230	212	3609	0.374	ng/ul	0.00

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

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