

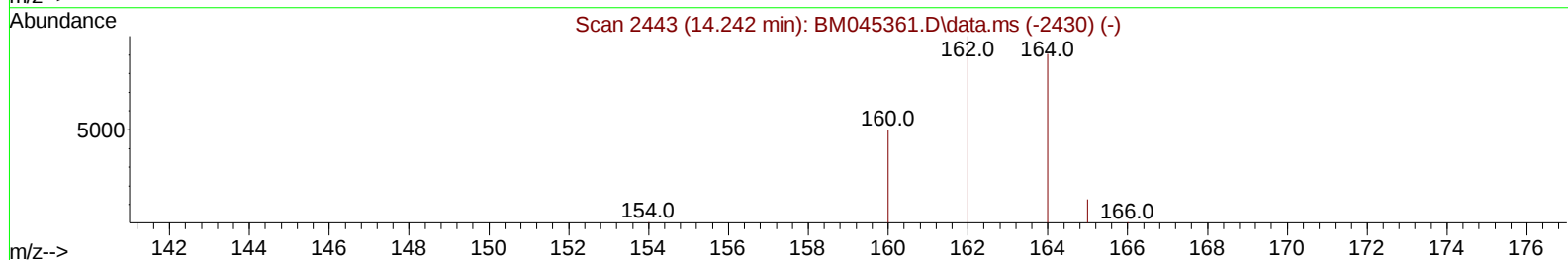
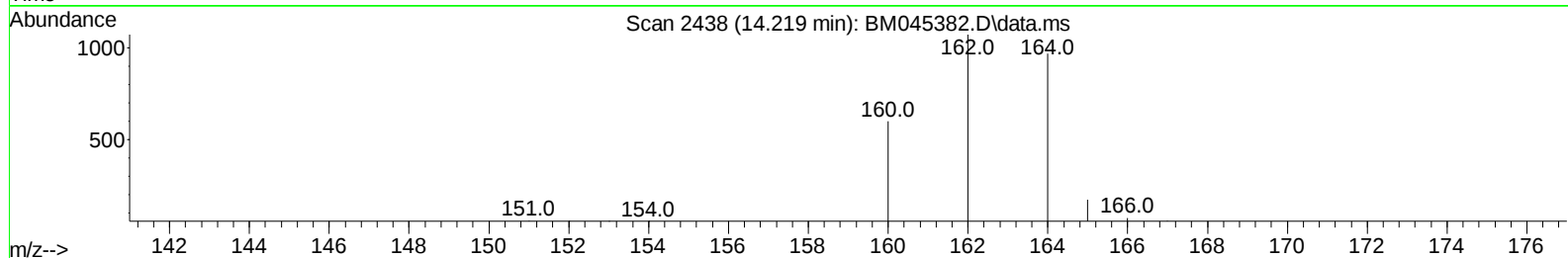
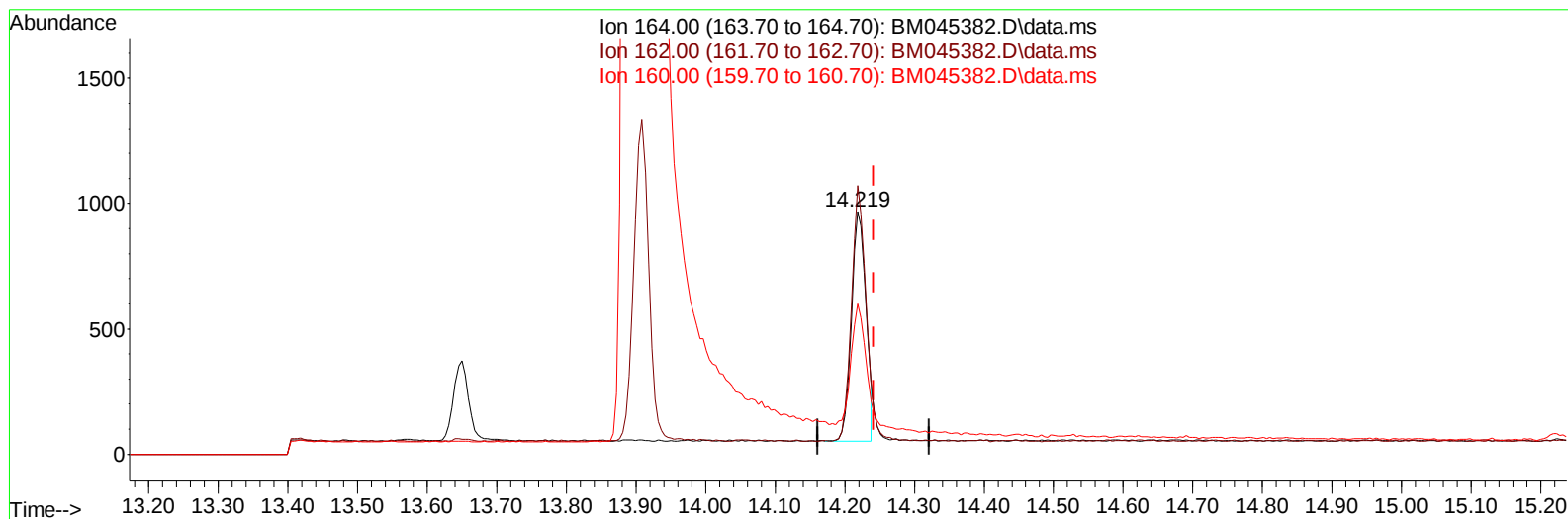
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045382.D
Acq On : 19 Apr 2024 08:22
Operator : MA/JU
Sample : P2036-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSY4

Manual IntegrationsAPPROVED

Quant Time: Apr 19 08:52:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 22:19:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



TIC: BM045382.D\data.ms

(9) Acenaphthene-d10 (I)

14.219min (-0.023) 0.40 ng/u1

response 1313

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.00	110.53
160.00	50.00	61.92#
0.00	0.00	0.00

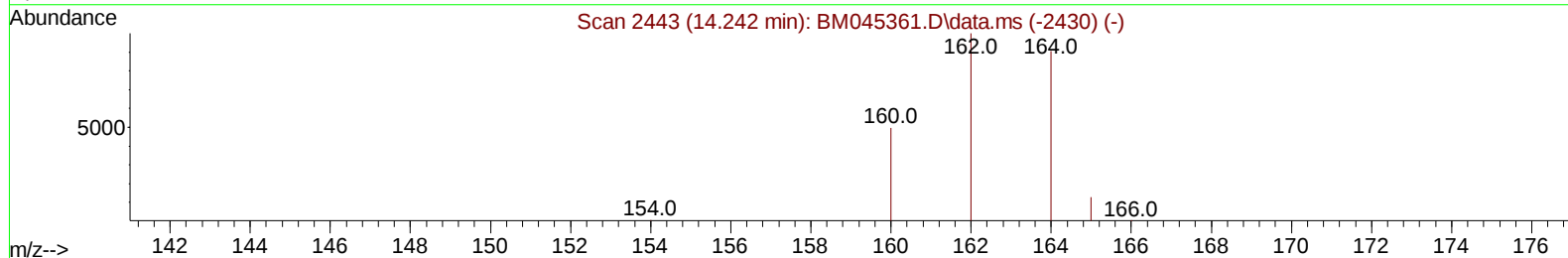
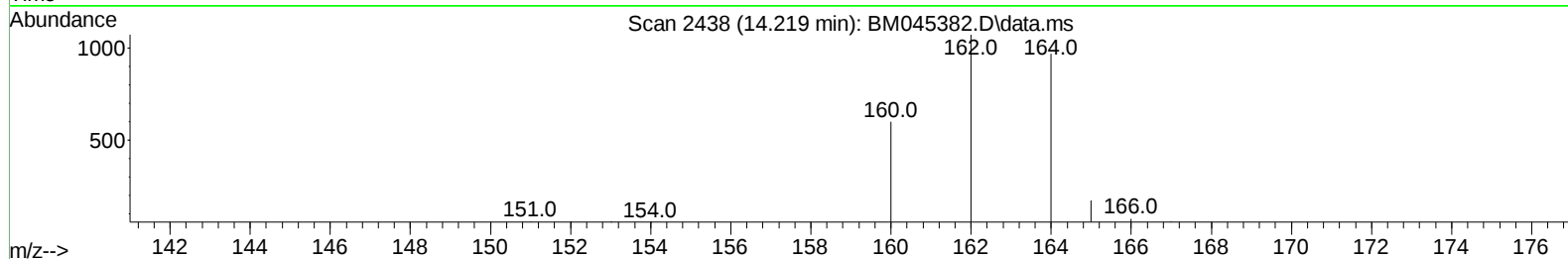
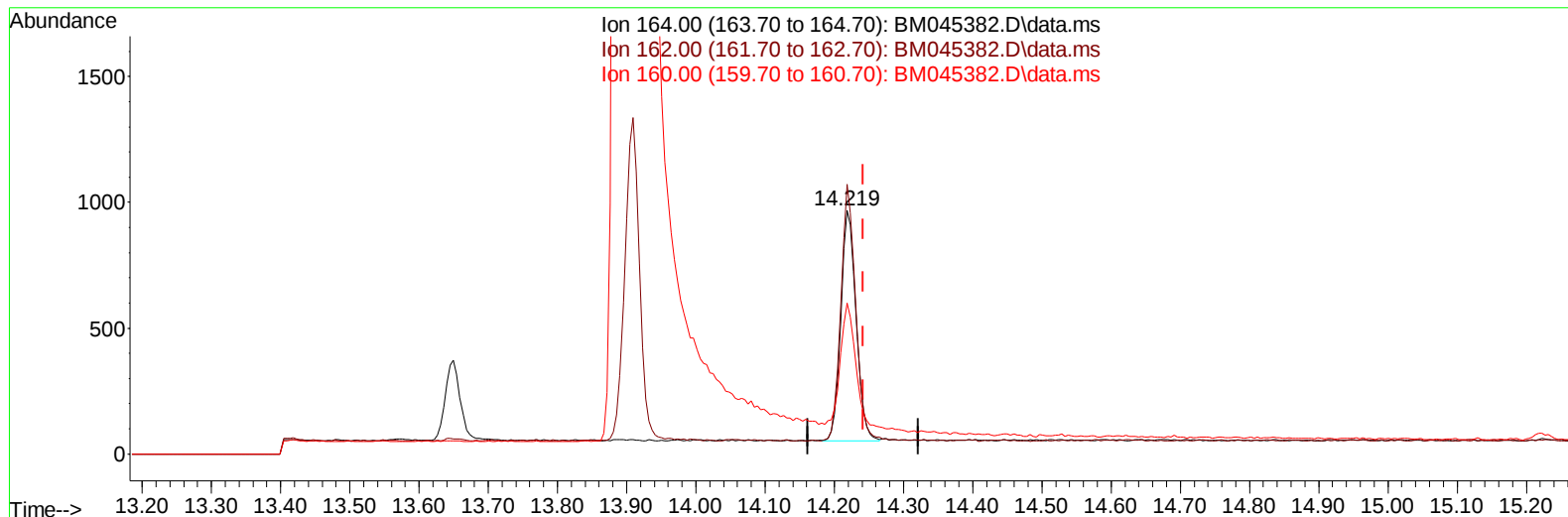
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045382.D
Acq On : 19 Apr 2024 08:22
Operator : MA/JU
Sample : P2036-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSY4

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/22/2024



TIC: BM045382.D\data.ms

(9) Acenaphthene-d10 (I)

14.219min (-0.023) 0.40 ng/u1 m

response 1379

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	103.00	110.53
160.00	50.00	61.92#
0.00	0.00	0.00

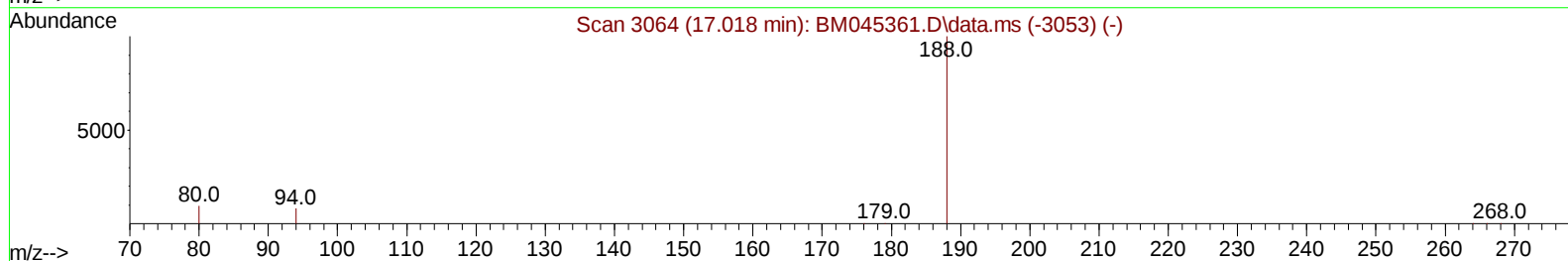
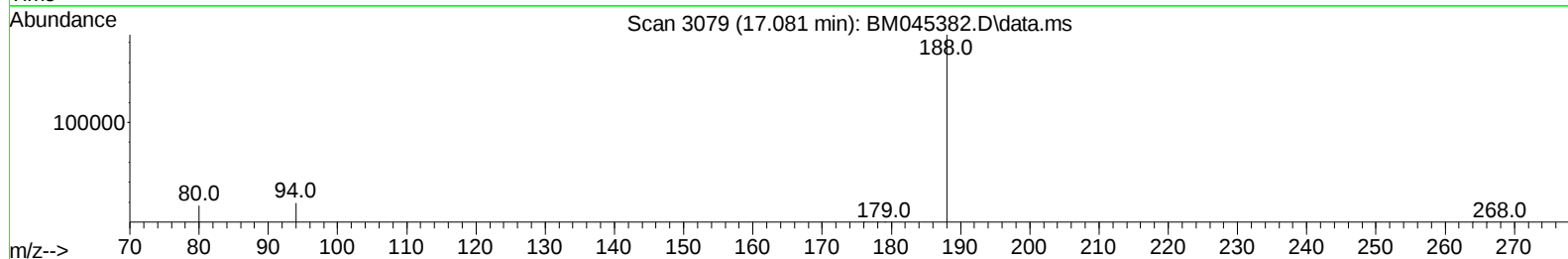
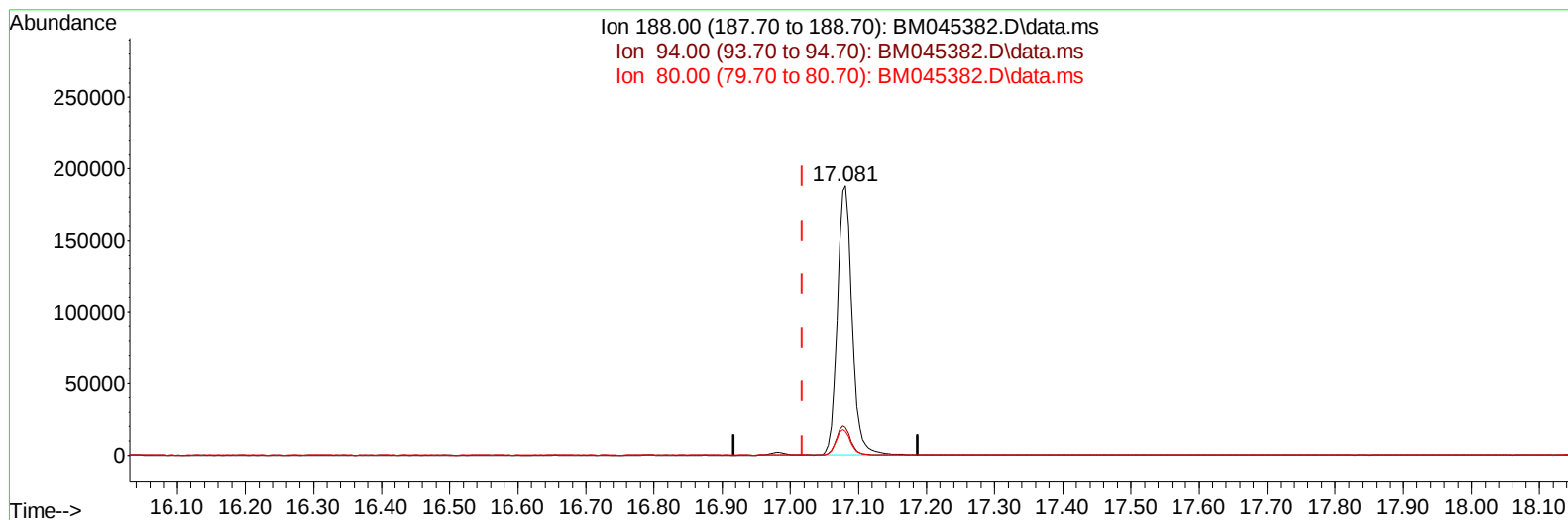
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045382.D
Acq On : 19 Apr 2024 08:22
Operator : MA/JU
Sample : P2036-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSY4

Manual IntegrationsAPPROVED

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TIC: BM045382.D\data.ms

(13) Phenanthrene-d10 (I)

17.081min (+ 0.063) 0.40 ng/u1

response 283006

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	10.29
80.00	11.80	8.89#
0.00	0.00	0.00

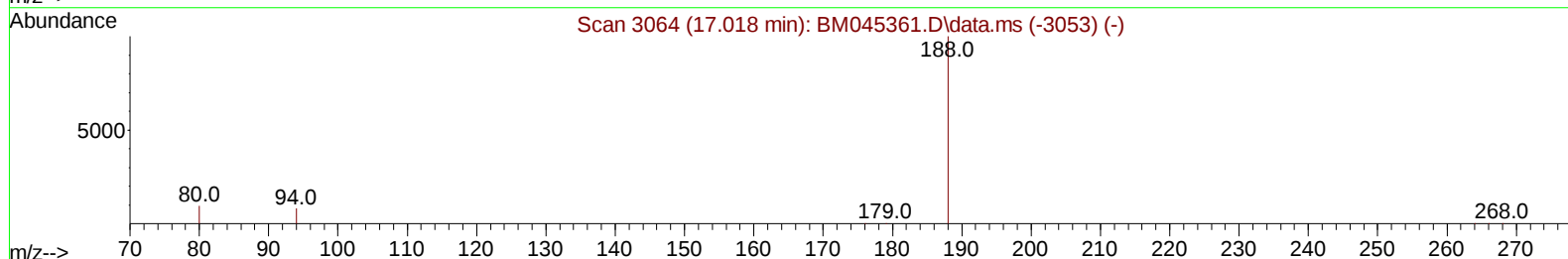
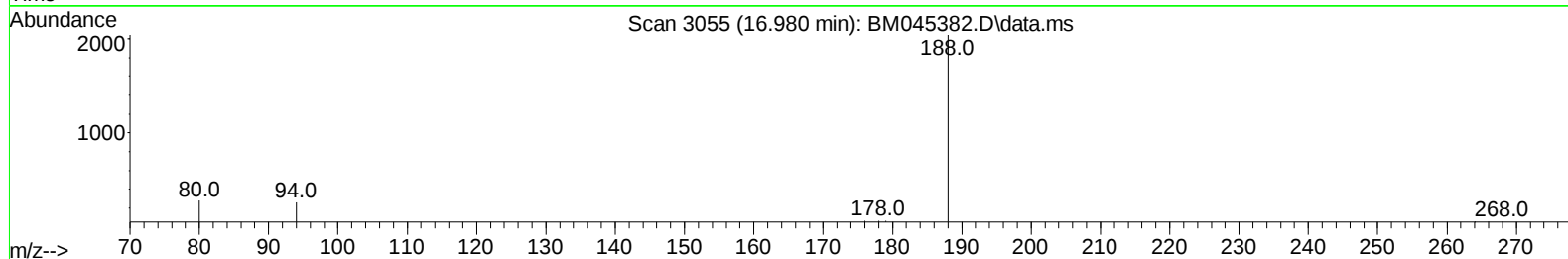
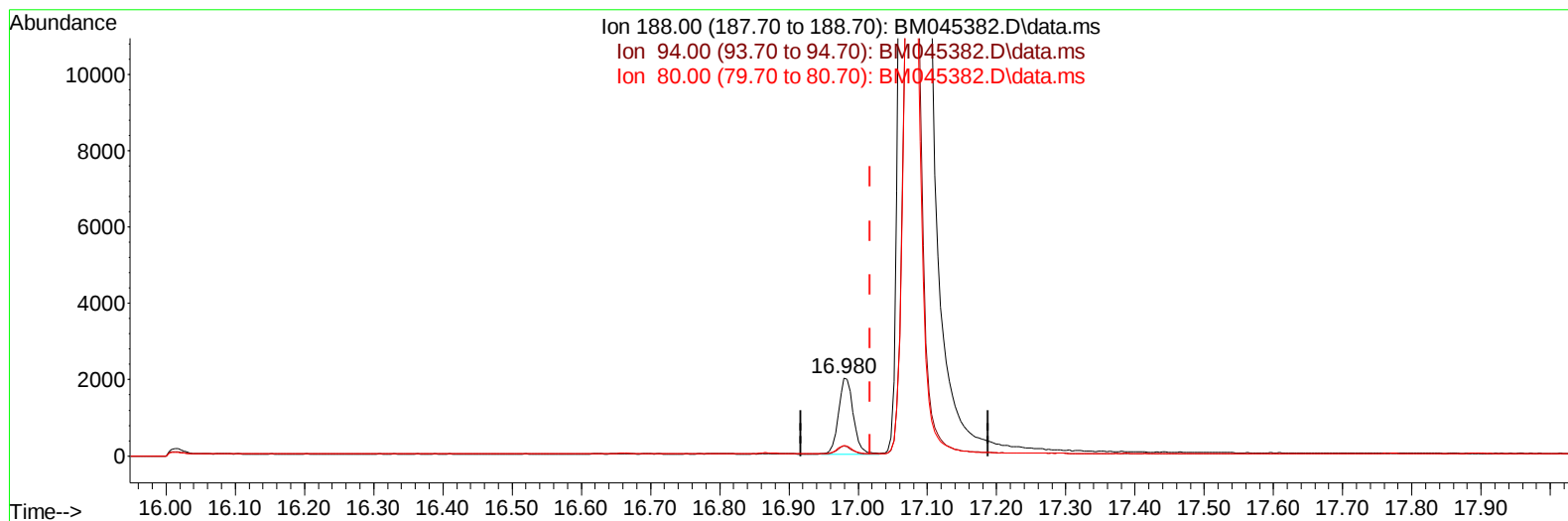
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045382.D
Acq On : 19 Apr 2024 08:22
Operator : MA/JU
Sample : P2036-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSY4

Manual IntegrationsAPPROVED

Quant Time: Apr 19 08:52:48 2024
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Supervised By :mohammad ahmed 04/22/2024



TIC: BM045382.D\data.ms

(13) Phenanthrene-d10 (I)

16.980min (-0.038) 0.40 ng/u1 m

response 2962

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.73
80.00	11.80	13.56
0.00	0.00	0.00

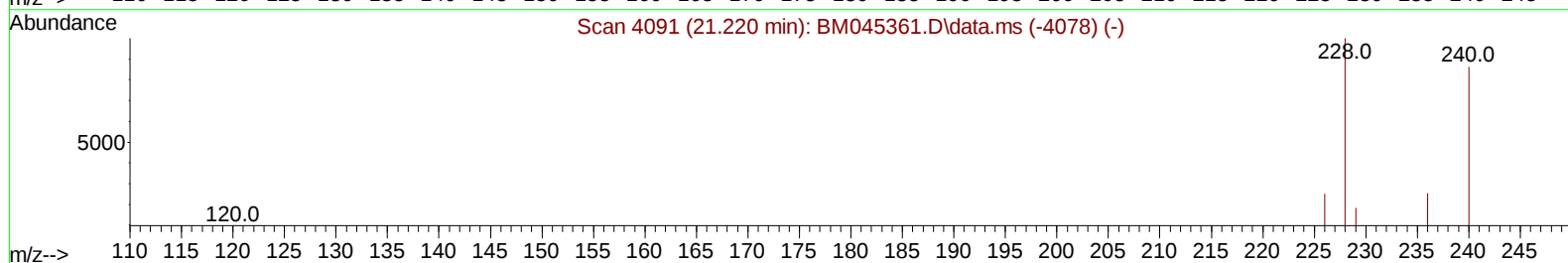
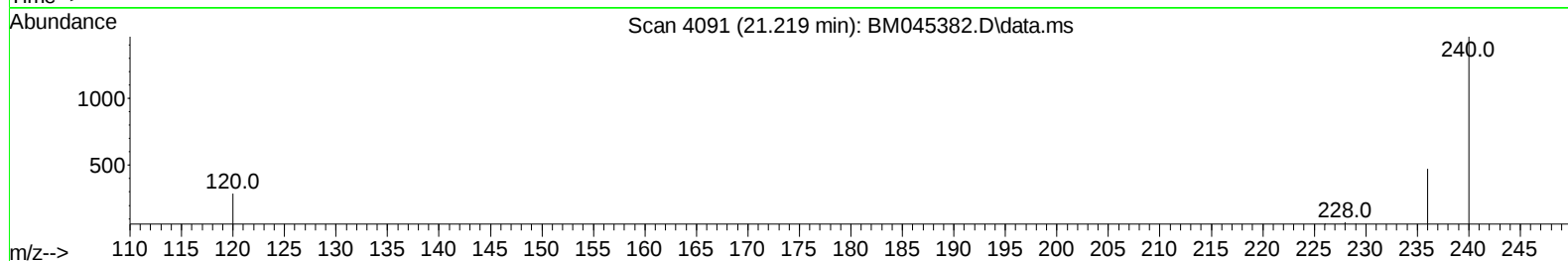
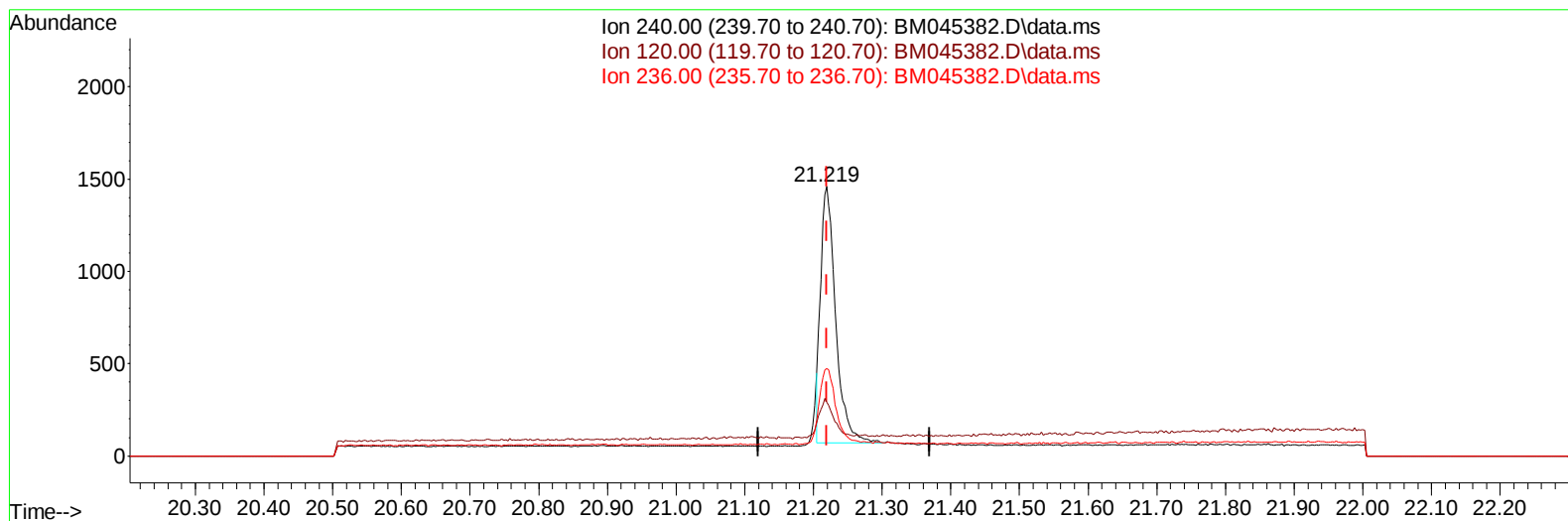
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045382.D
Acq On : 19 Apr 2024 08:22
Operator : MA/JU
Sample : P2036-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSY4

Manual IntegrationsAPPROVED

Quant Time: Apr 19 08:52:48 2024
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TIC: BM045382.D\data.ms

(17) Chrysene-d12

21.219min (-0.000) 0.40 ng/u1

response 2091

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	19.86
236.00	31.10	32.47
0.00	0.00	0.00

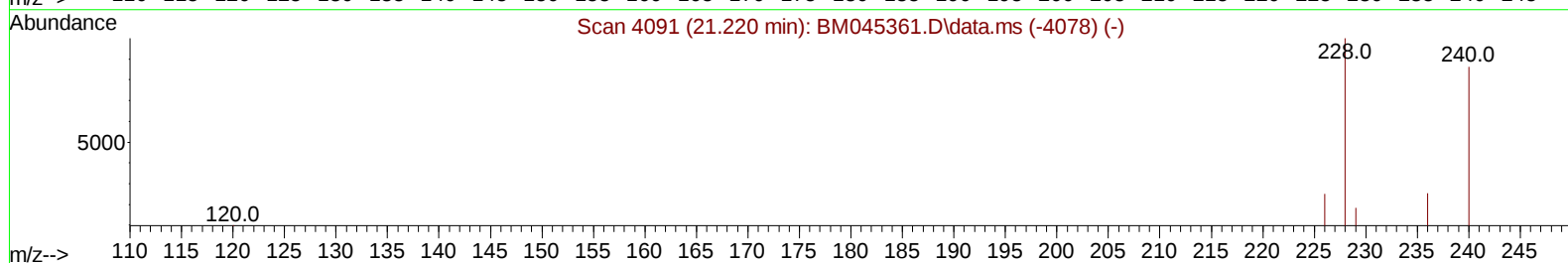
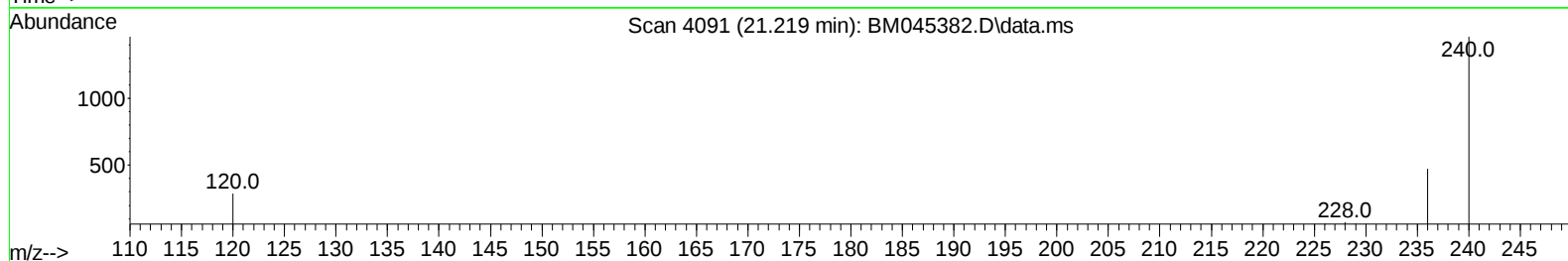
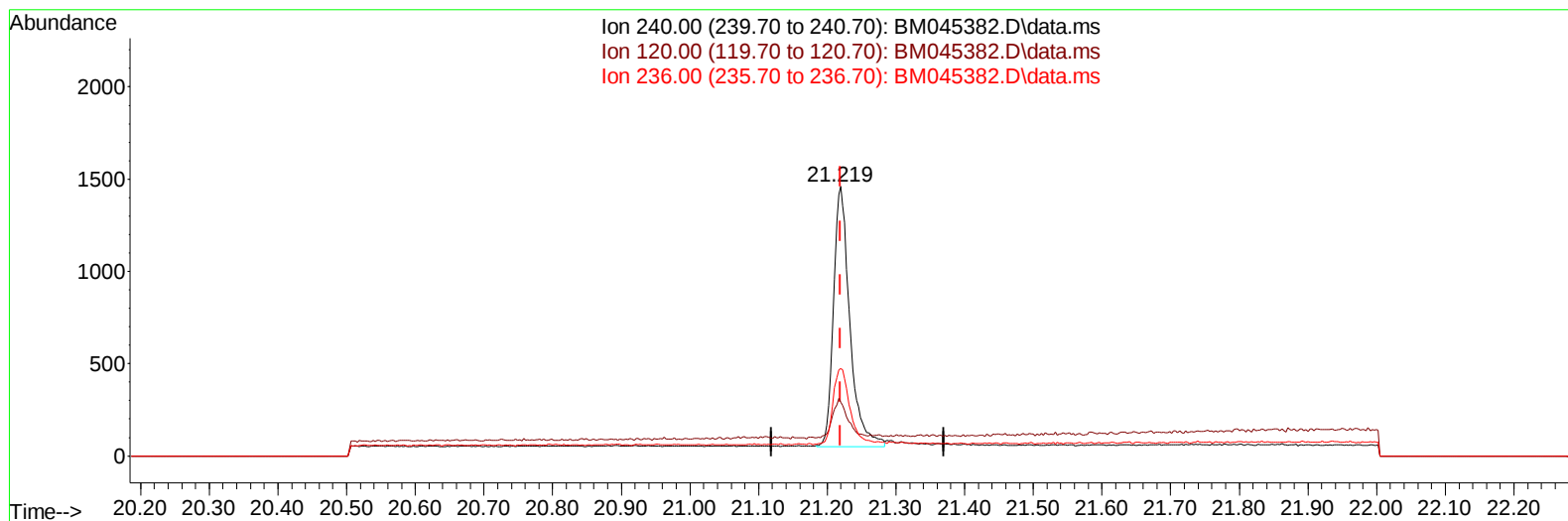
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045382.D
Acq On : 19 Apr 2024 08:22
Operator : MA/JU
Sample : P2036-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSY4

Manual IntegrationsAPPROVED

Quant Time: Apr 19 08:52:48 2024
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Reviewed By :Yogesh Patel 04/22/2024
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TIC: BM045382.D\data.ms

(17) Chrysene-d12

21.219min (-0.000) 0.40 ng/u1 m

response 2336

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	19.86
236.00	31.10	32.47
0.00	0.00	0.00

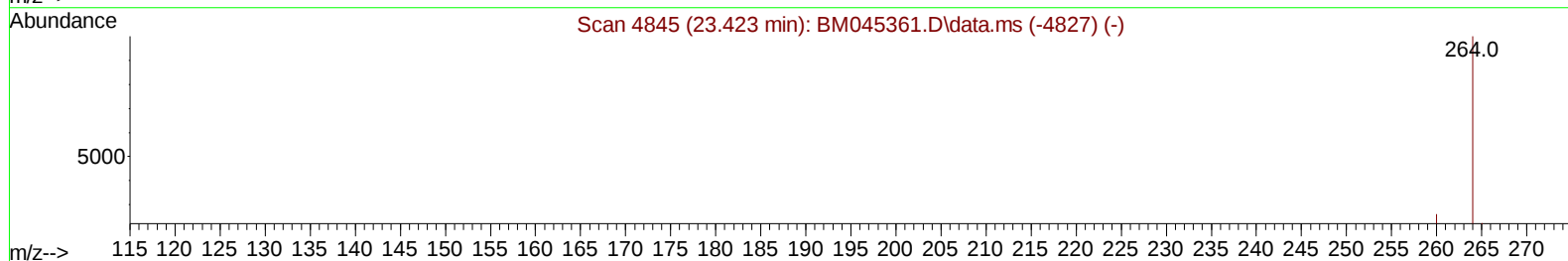
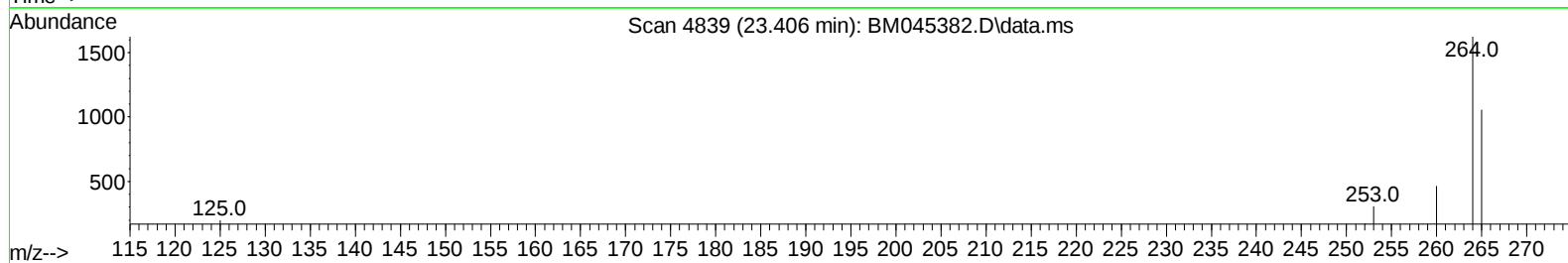
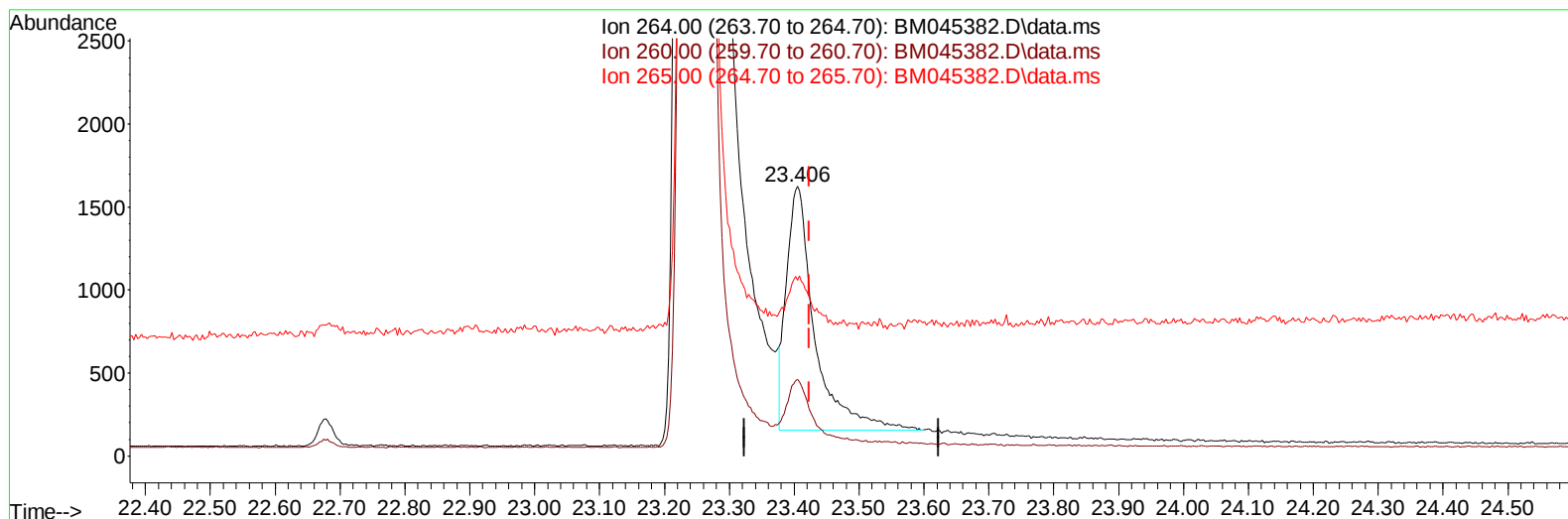
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
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 Acq On : 19 Apr 2024 08:22
 Operator : MA/JU
 Sample : P2036-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YCSY4

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 04/22/2024



TIC: BM045382.D\data.ms

(23) Perylene-d12 (I)

23.406min (-0.018) 0.40 ng/u1

response 4447

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.60	28.45
265.00	70.40	65.15
0.00	0.00	0.00

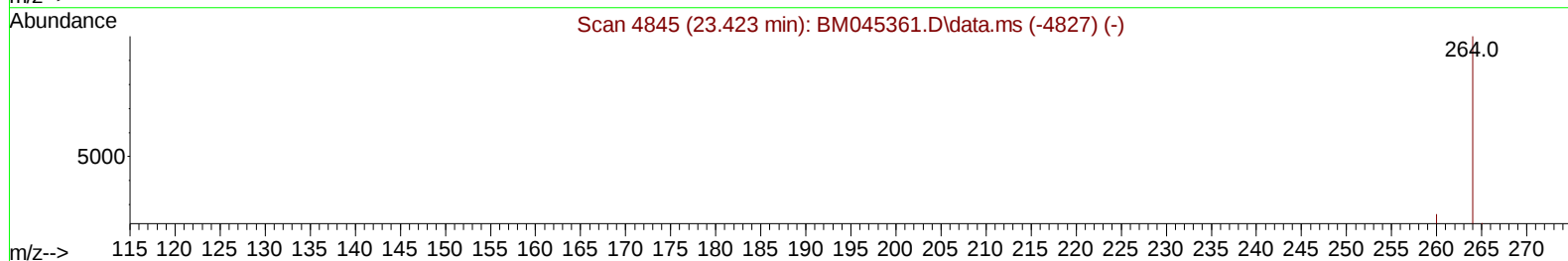
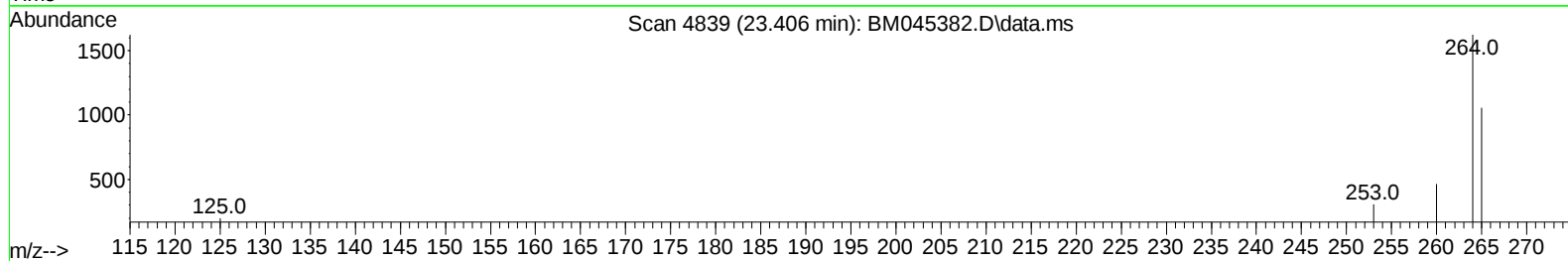
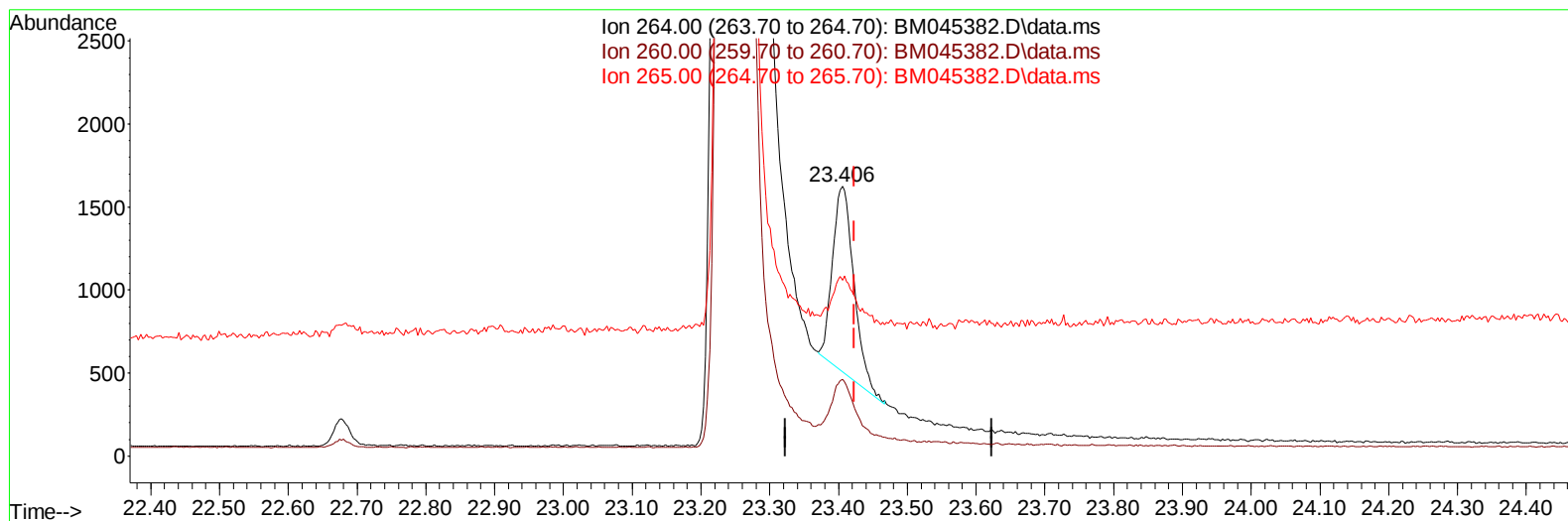
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045382.D
Acq On : 19 Apr 2024 08:22
Operator : MA/JU
Sample : P2036-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YCSY4

Manual IntegrationsAPPROVED

Quant Time: Apr 19 08:52:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
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TIC: BM045382.D\data.ms

(23) Perylene-d12 (I)

23.406min (-0.018) 0.40 ng/ul m

response 2389

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.60	28.45
265.00	70.40	65.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
 Data File : BM045382.D
 Acq On : 19 Apr 2024 08:22
 Operator : MA/JU
 Sample : P2036-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YCSY4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
 Supervised By :mohammad ahmed 04/22/2024

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.576	152		899	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.336	136		2611	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.219	164		1379m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.980	188		2962m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.219	240		2336m	0.400	ng/ul	0.00
23) Perylene-d12	23.406	264		2389m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.175	96		3929	3.327	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.964	152		1262	0.357	ng/ul	-0.03
18) Fluoranthene-d10	19.024	212		2897	0.491	ng/ul	-0.03
Target Compounds							
							Qvalue
2) 1,4-Dioxane	3.205	88		5388	4.759	ng/ul#	80

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

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