Quantitation Report (Qedit)

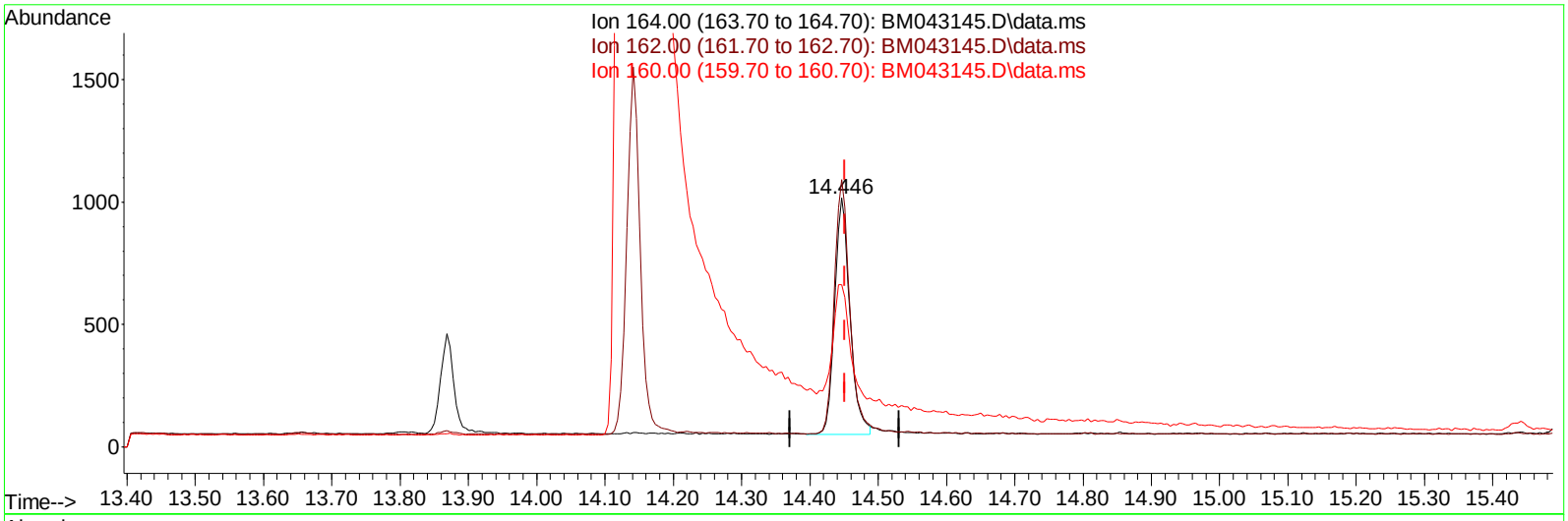
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043145.D
Acq On : 02 Dec 2023 05:31
Operator : MA/JU
Sample : 05439-11
Misc :
ALS Vial : 63 Sample Multiplier: 1

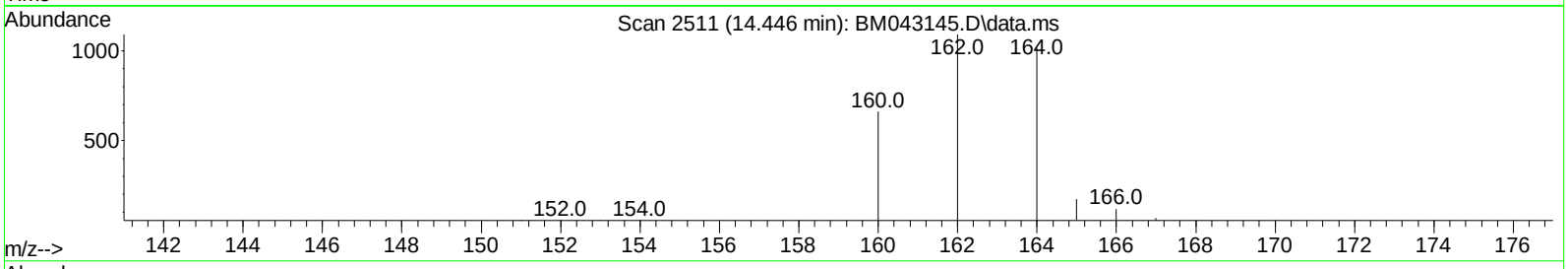
Quant Time: Dec 02 22:40:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 01:12:12 2023
Response via : Initial Calibration

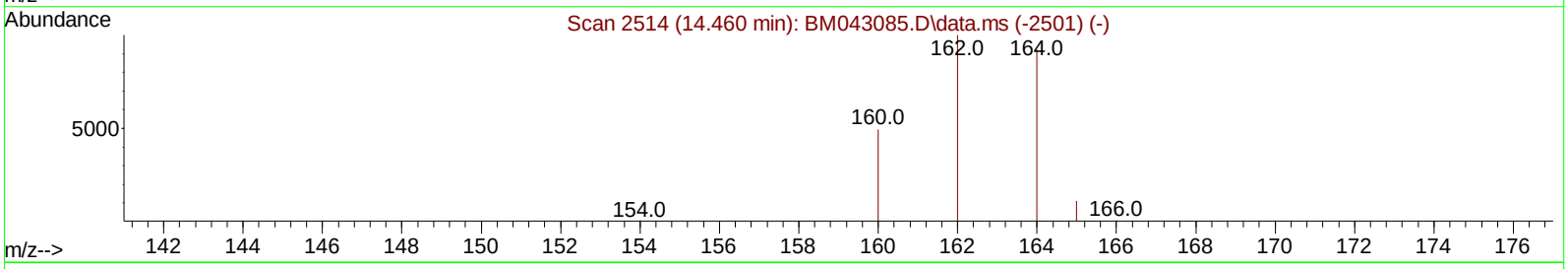
Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043145.D\data.ms

(9) Acenaphthene-d10 (I)

14.446min (-0.005) 0.40 ng/ul

response 1506

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.28
160.00	57.20	65.09
0.00	0.00	0.00

Quantitation Report (Qedit)

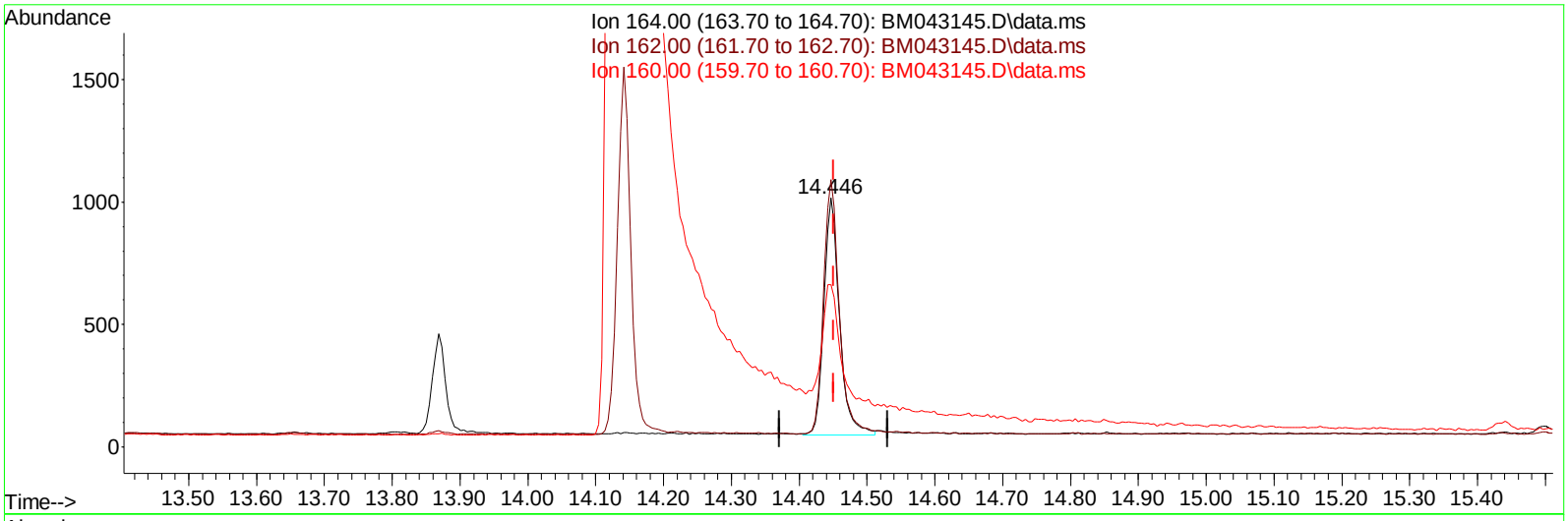
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043145.D
Acq On : 02 Dec 2023 05:31
Operator : MA/JU
Sample : 05439-11
Misc :
ALS Vial : 63 Sample Multiplier: 1

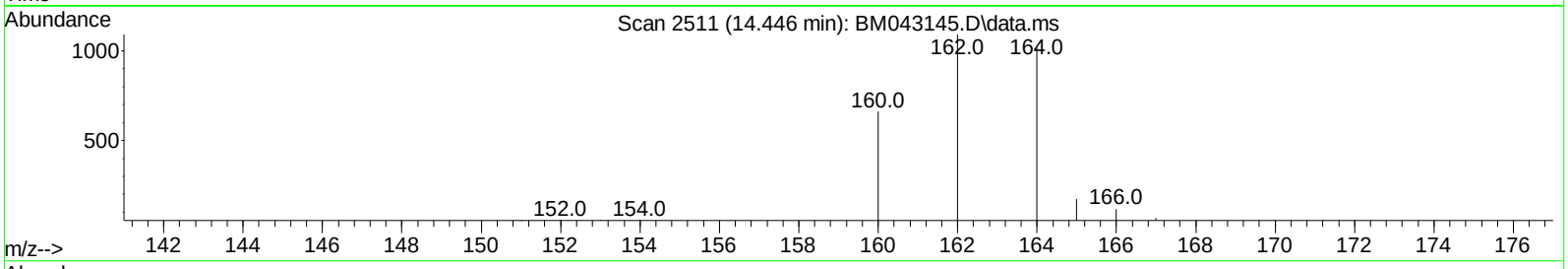
Quant Time: Dec 02 22:40:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 01:12:12 2023
Response via : Initial Calibration

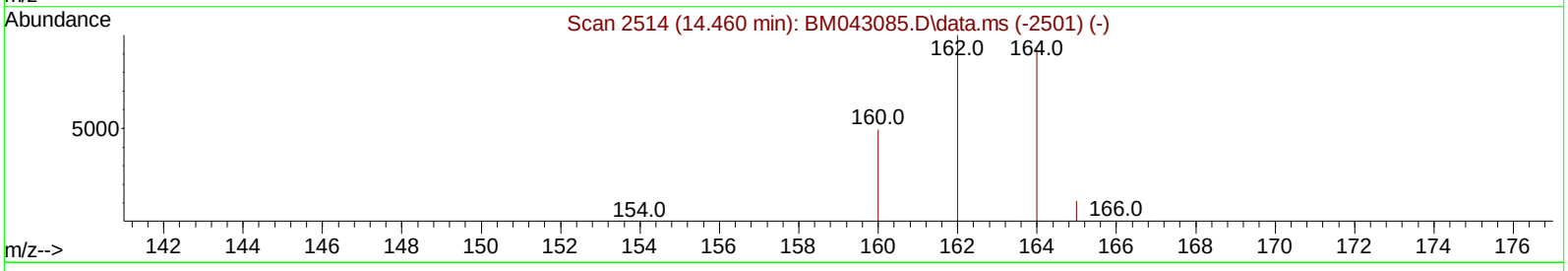
Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043145.D\data.ms

(9) Acenaphthene-d10 (I)

14.446min (-0.005) 0.40 ng/ul m

response 1557

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	107.28
160.00	57.20	65.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043145.D
Acq On : 02 Dec 2023 05:31
Operator : MA/JU
Sample : 05439-11
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Dec 02 22:40:23 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 01:12:12 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/04/2023
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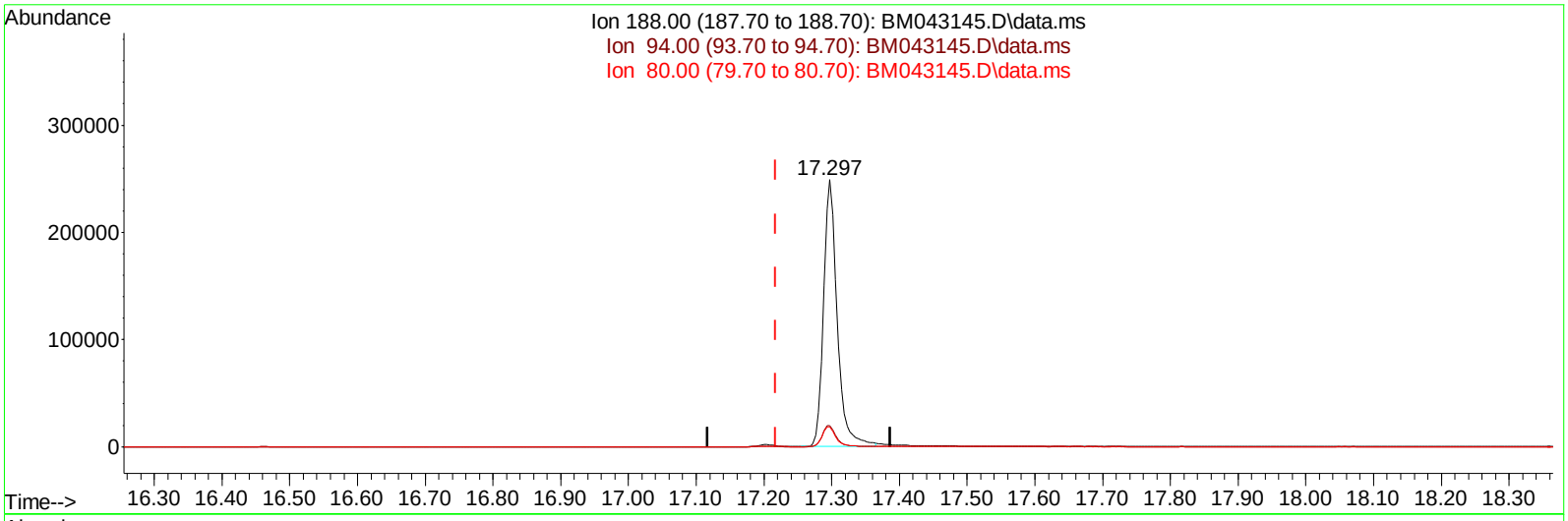

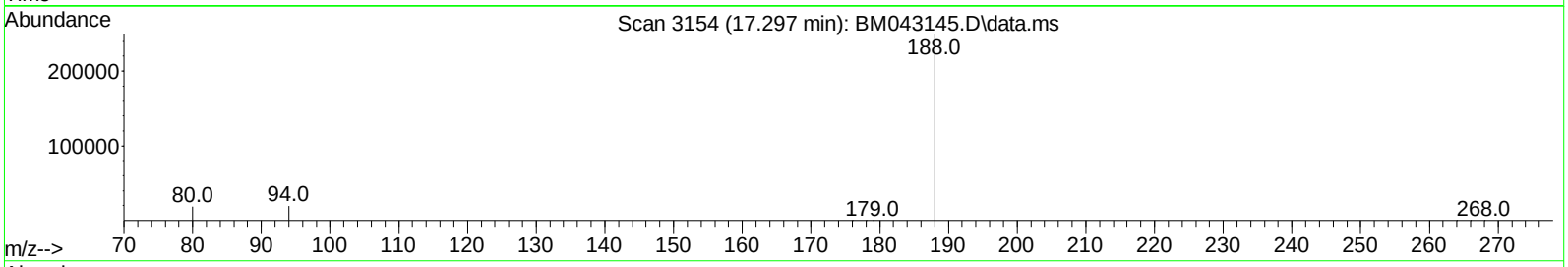

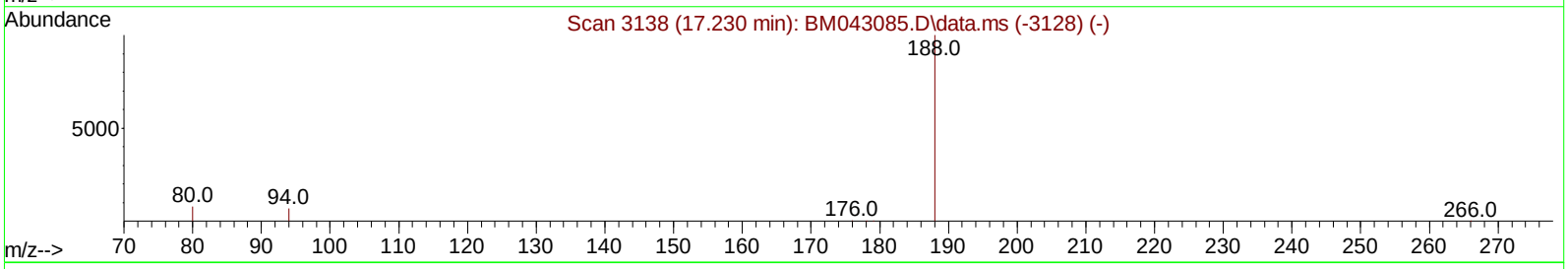

TIC: BM043145.D\data.ms

(13) Phenanthrene-d10 (I)

17.297min (+ 0.080) 0.40 ng/ul

response 349786

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	7.89#
80.00	12.70	7.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043145.D
Acq On : 02 Dec 2023 05:31
Operator : MA/JU
Sample : 05439-11
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Dec 02 22:40:23 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 01:12:12 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/04/2023
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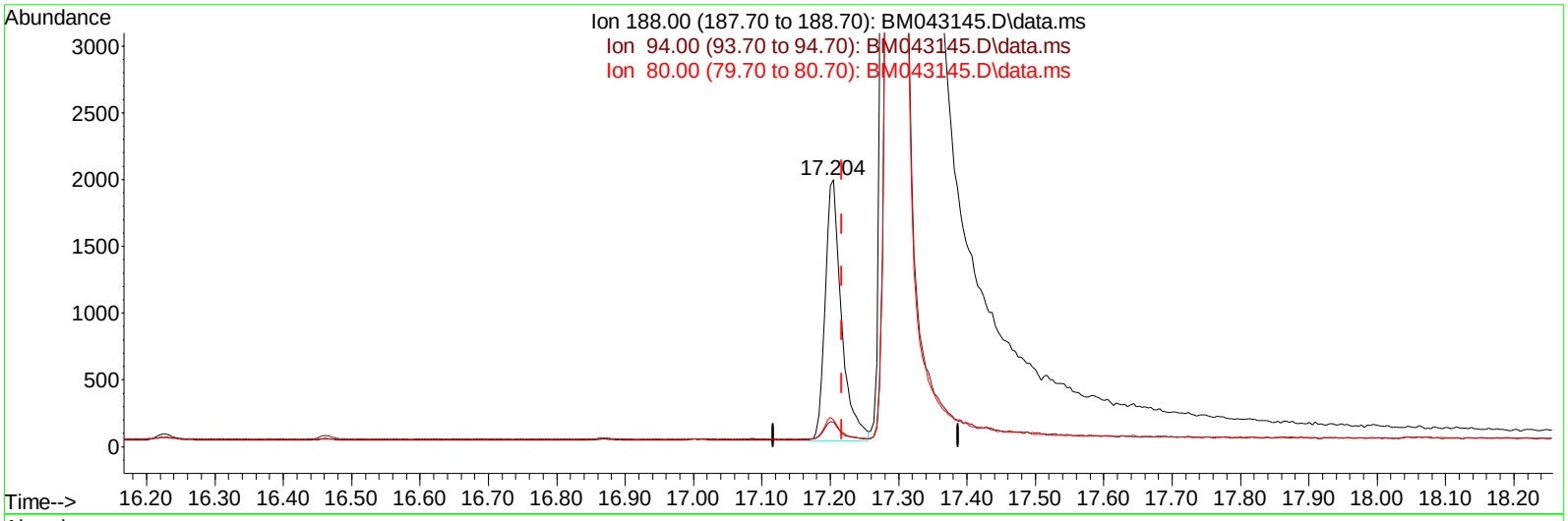
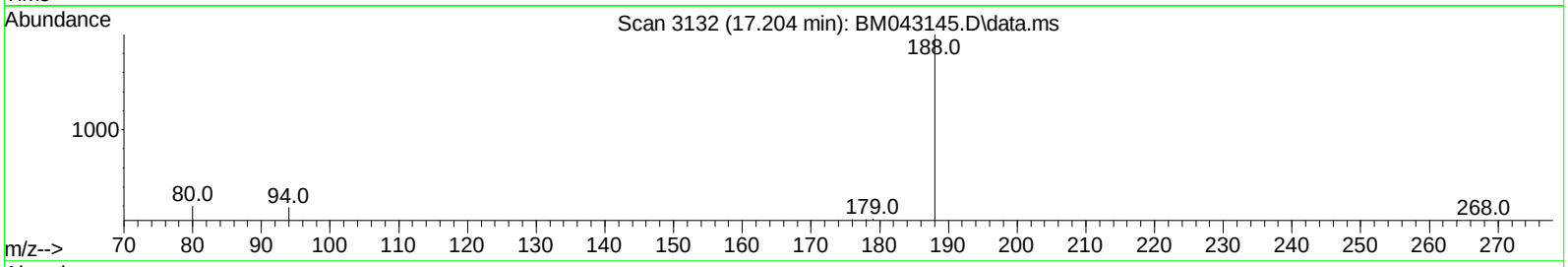
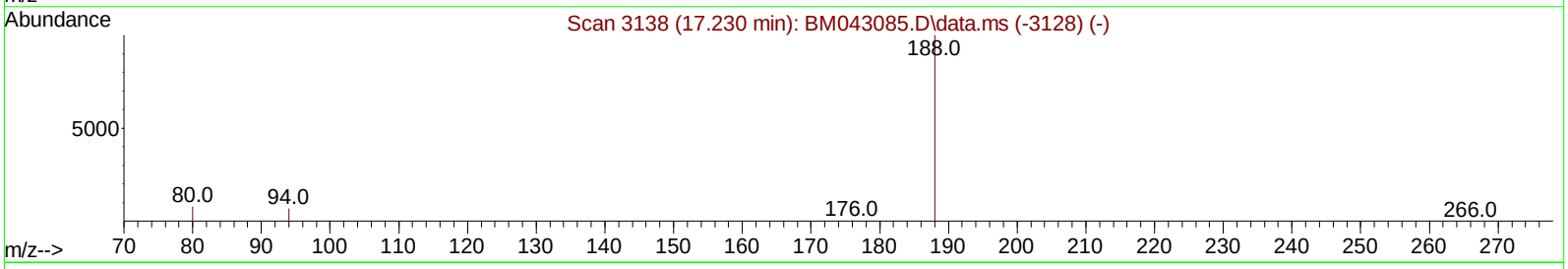






TIC: BM043145.D\data.ms

(13) Phenanthrene-d10 (I)

17.204min (-0.013) 0.40 ng/ul m

response 3242

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	9.31
80.00	12.70	10.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

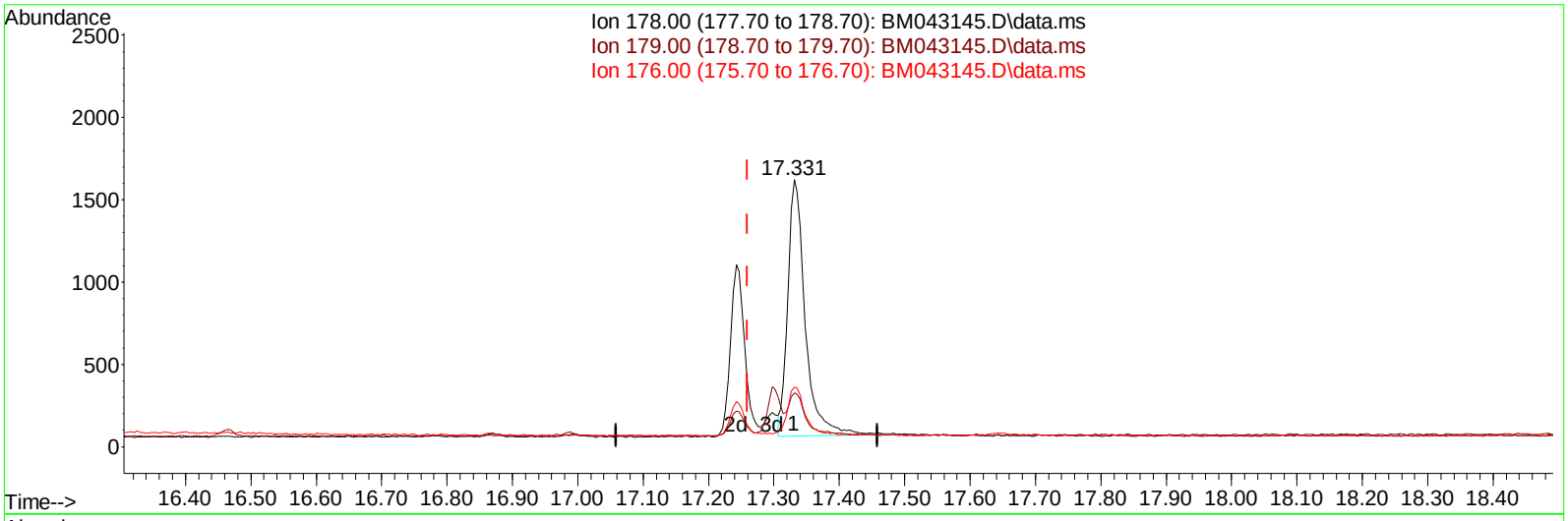
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043145.D
Acq On : 02 Dec 2023 05:31
Operator : MA/JU
Sample : 05439-11
Misc :
ALS Vial : 63 Sample Multiplier: 1

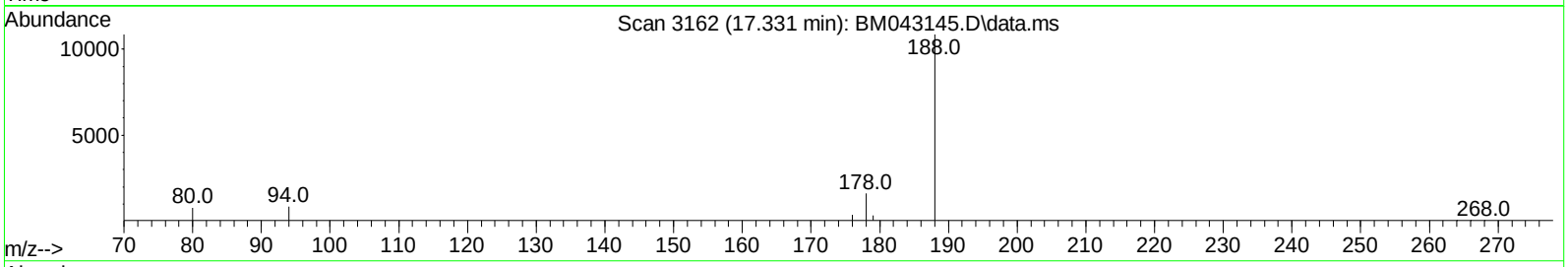
Quant Time: Dec 02 22:40:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 01:12:12 2023
Response via : Initial Calibration

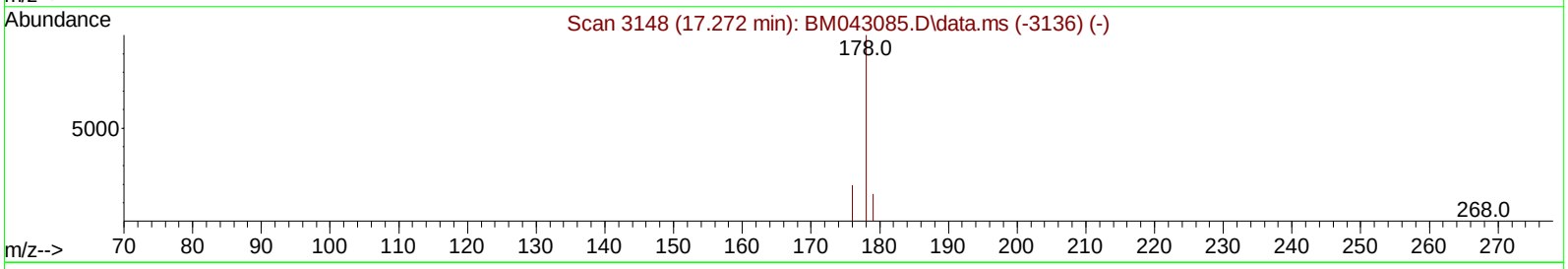
Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043145.D\data.ms

(15) Phenanthrene

17.331min (+ 0.072) 0.31 ng/ul

response 2897

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.60	20.17
176.00	23.60	22.39
0.00	0.00	0.00

Quantitation Report (Qedit)

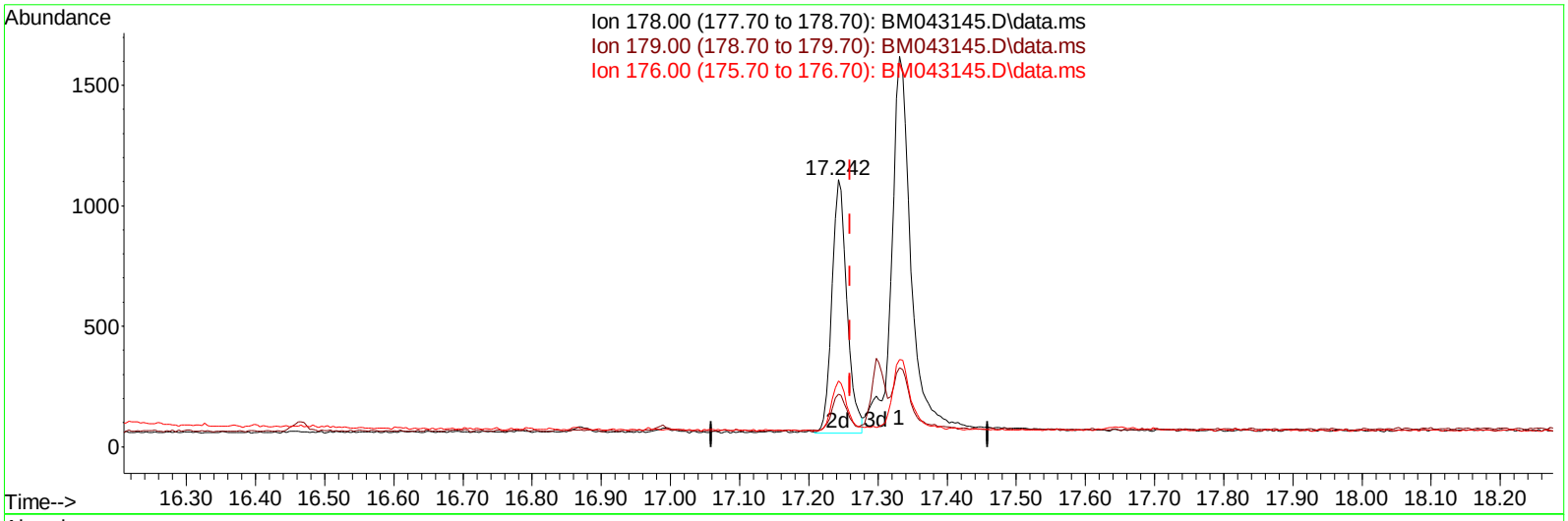
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043145.D
Acq On : 02 Dec 2023 05:31
Operator : MA/JU
Sample : 05439-11
Misc :
ALS Vial : 63 Sample Multiplier: 1

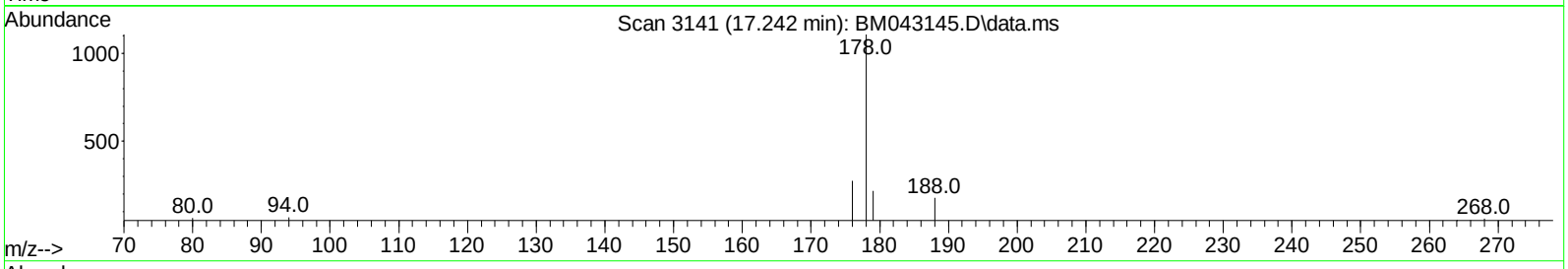
Quant Time: Dec 02 22:40:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 01:12:12 2023
Response via : Initial Calibration

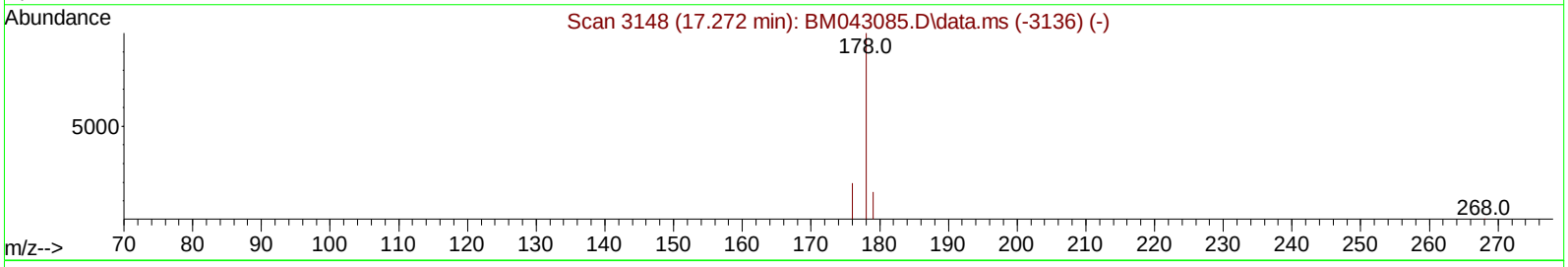
Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043145.D\data.ms

(15) Phenanthrene

17.242min (-0.017) 0.17 ng/ul m

response 1595

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.60	19.68
176.00	23.60	24.64
0.00	0.00	0.00

Quantitation Report (Qedit)

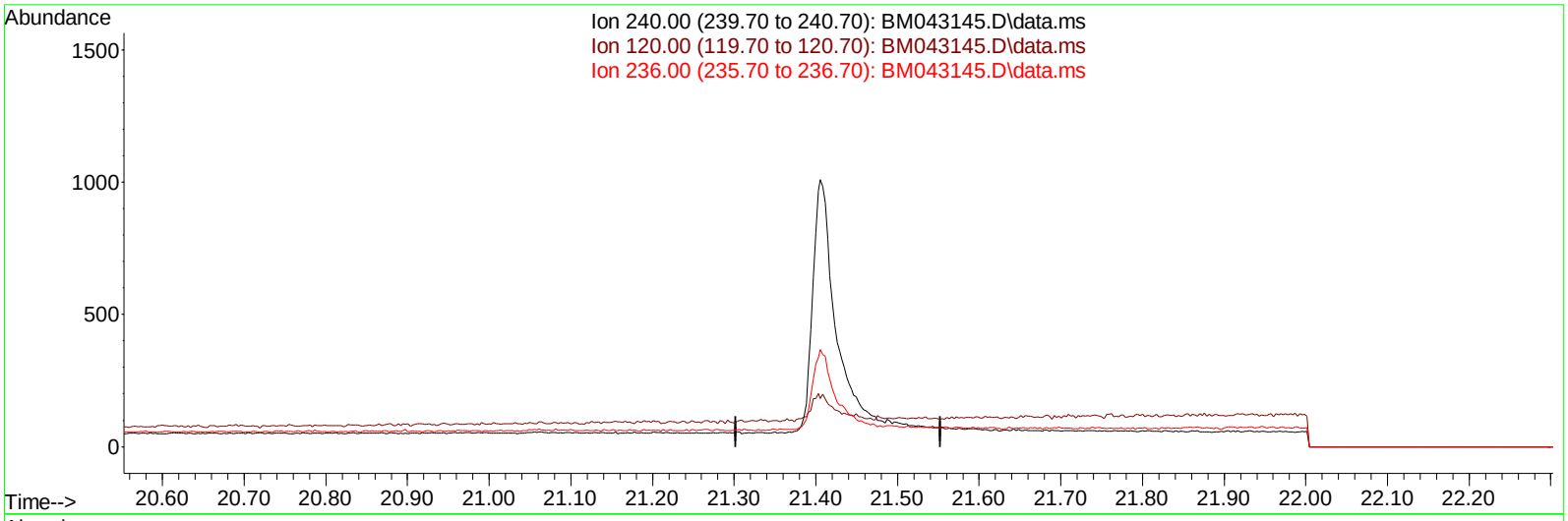
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043145.D
Acq On : 02 Dec 2023 05:31
Operator : MA/JU
Sample : 05439-11
Misc :
ALS Vial : 63 Sample Multiplier: 1

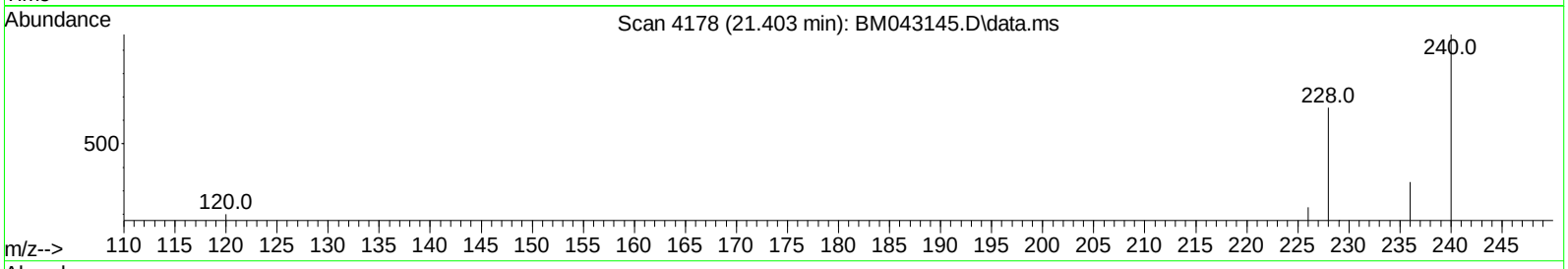
Quant Time: Dec 02 22:40:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 01:12:12 2023
Response via : Initial Calibration

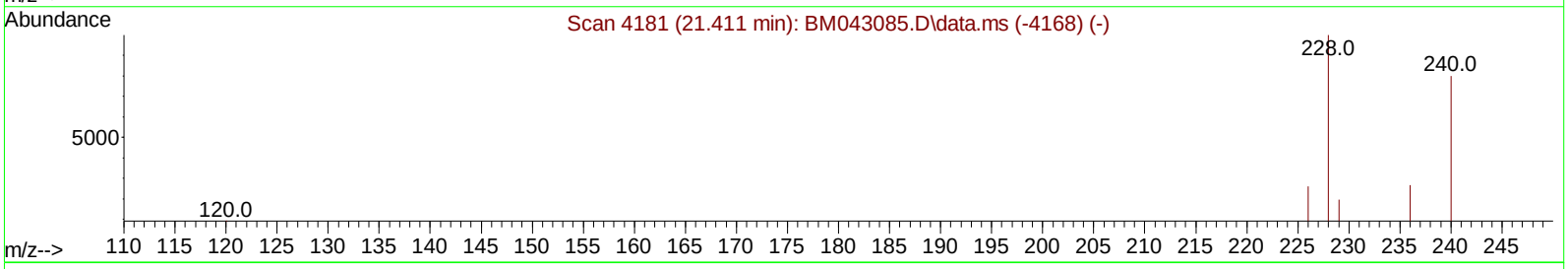
Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043145.D\data.ms

(17) Chrysene-d12

21.403min (-21.403) 0.00 ng/ul

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

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043145.D
Acq On : 02 Dec 2023 05:31
Operator : MA/JU
Sample : 05439-11
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Dec 02 22:40:23 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 01:12:12 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

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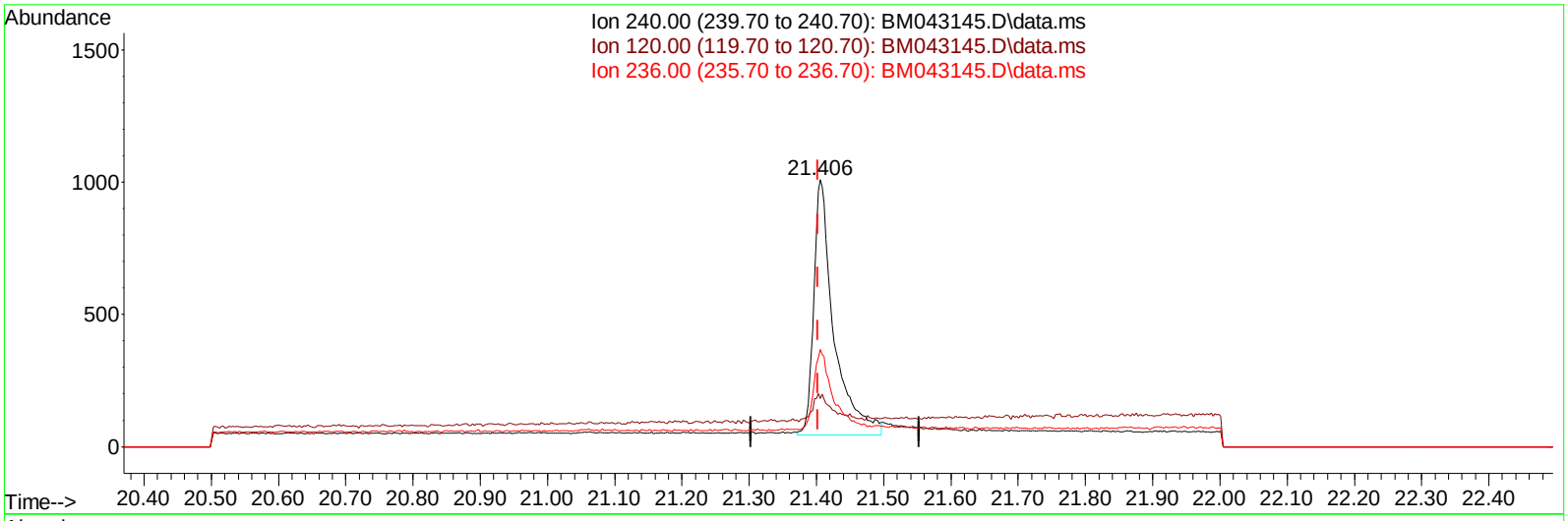

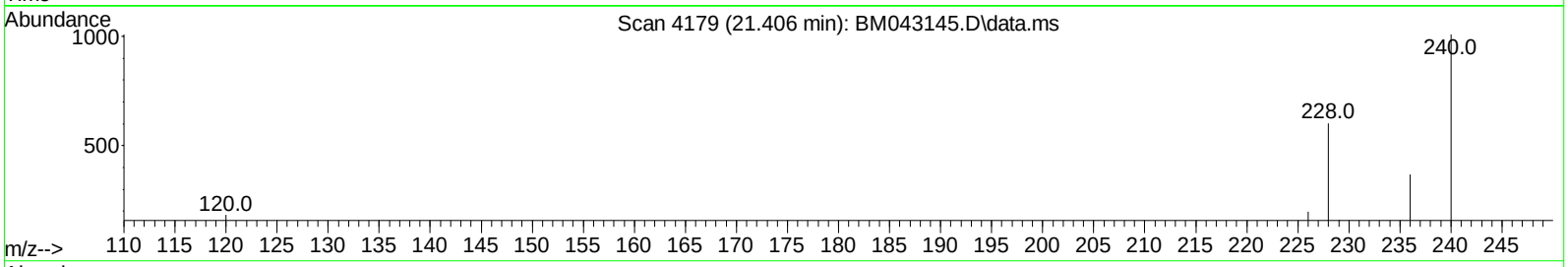

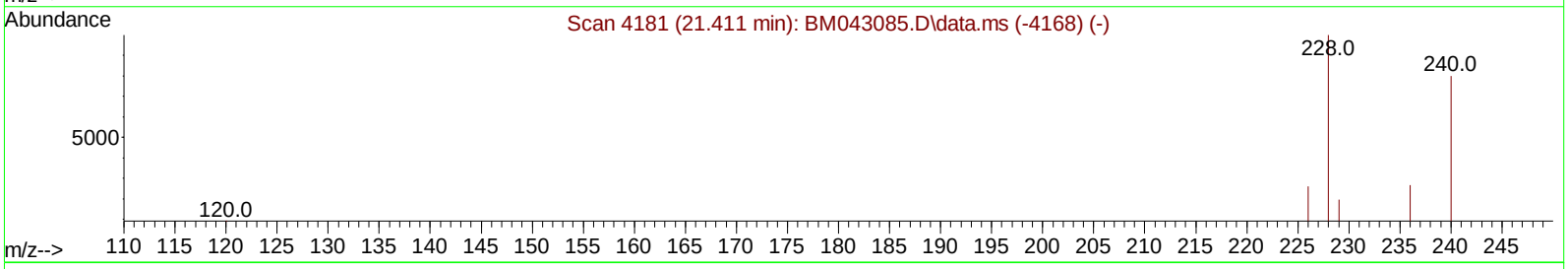

TIC: BM043145.D\data.ms

(17) Chrysene-d12

21.406min (+ 0.003) 0.40 ng/ul m

response 2011

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	18.14#
236.00	38.50	36.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043145.D
Acq On : 02 Dec 2023 05:31
Operator : MA/JU
Sample : 05439-11
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Dec 02 22:40:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/04/2023
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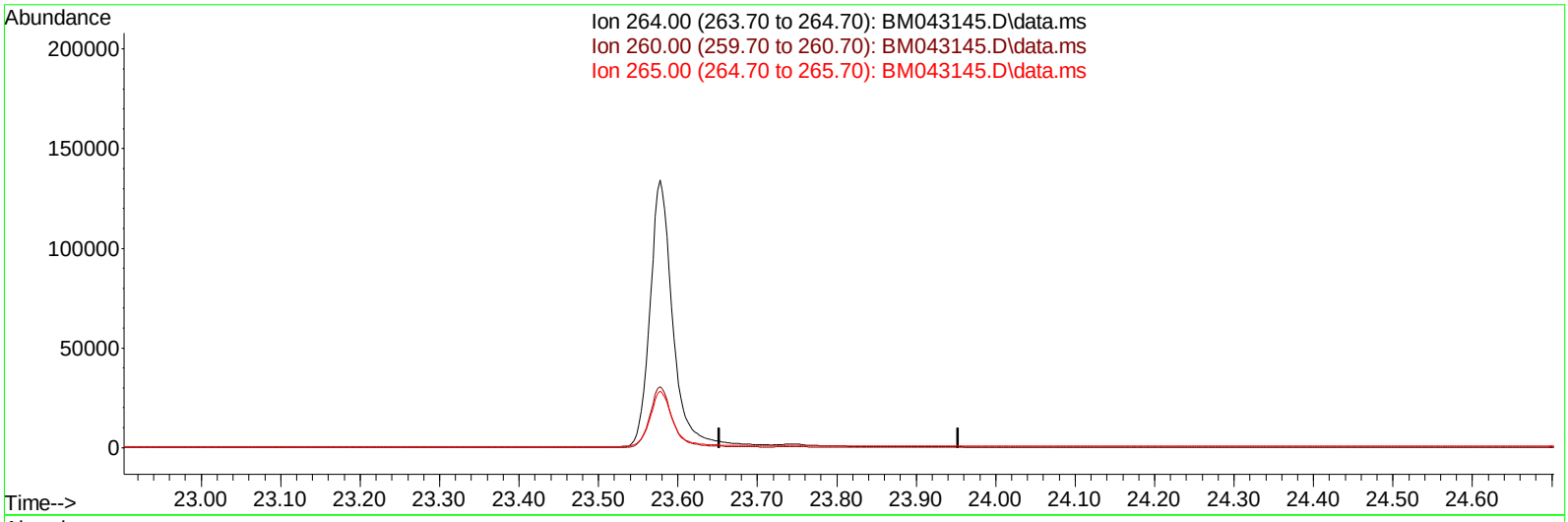

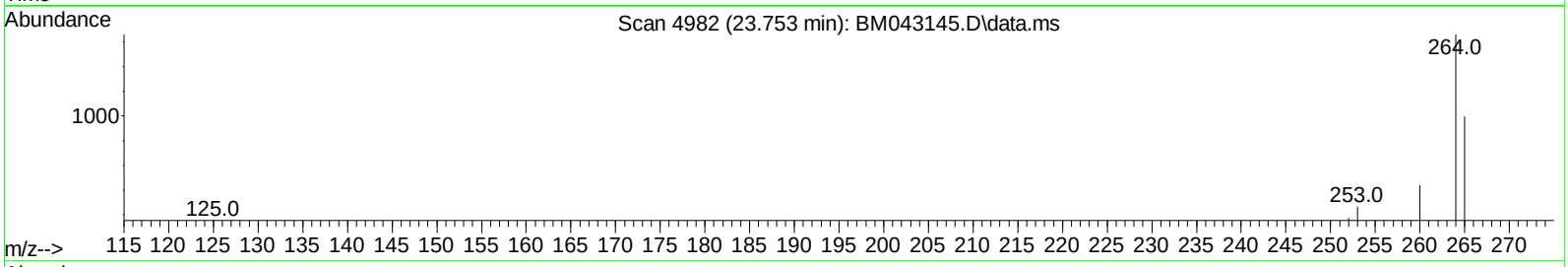

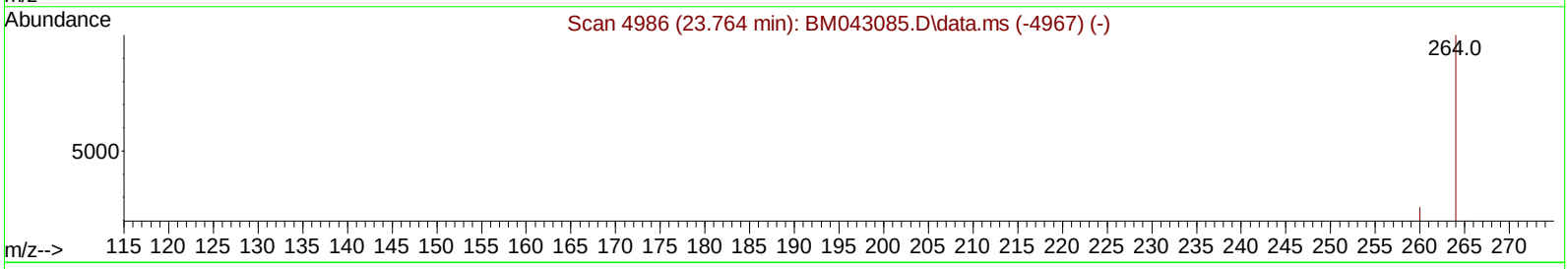

TIC: BM043145.D\data.ms

(23) Perylene-d12 (I)

23.753min (-23.753) 0.00 ng/ul

response 0

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

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043145.D
Acq On : 02 Dec 2023 05:31
Operator : MA/JU
Sample : 05439-11
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Dec 02 22:40:23 2023
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Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

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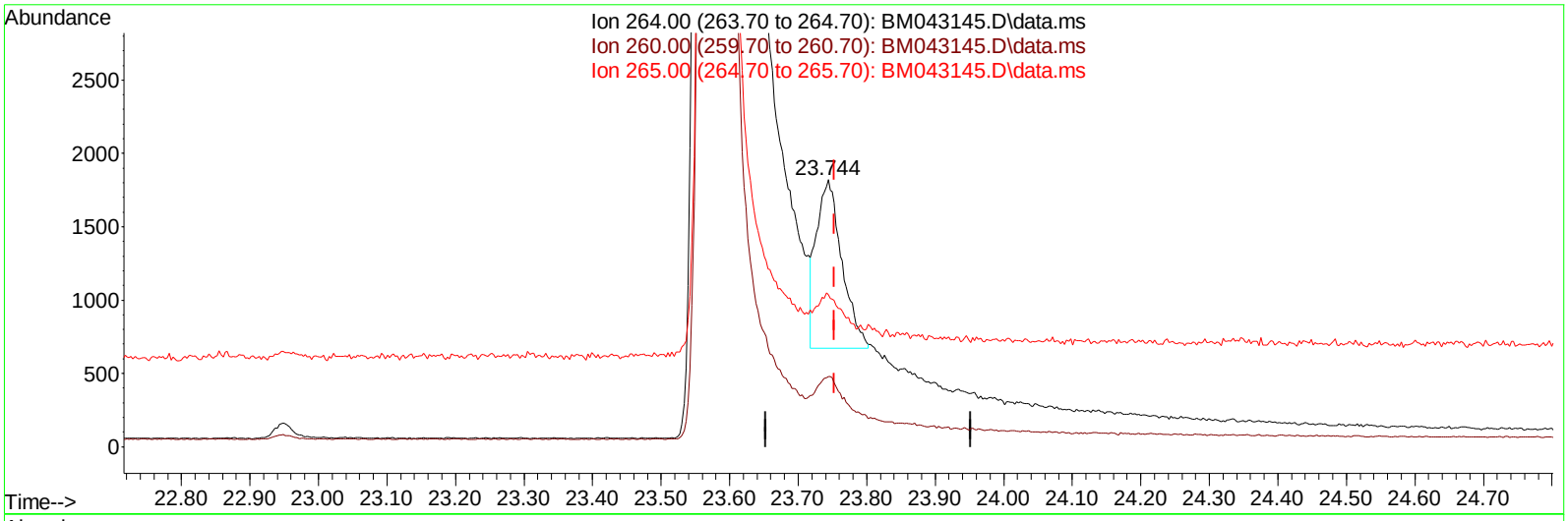

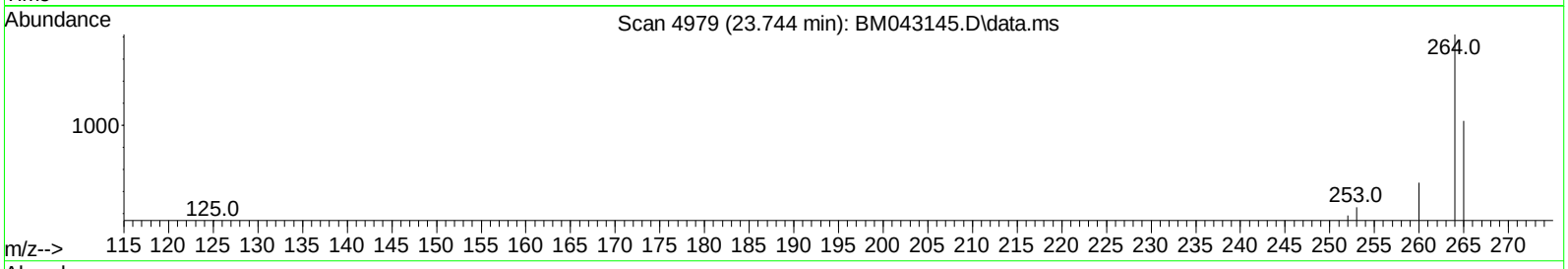

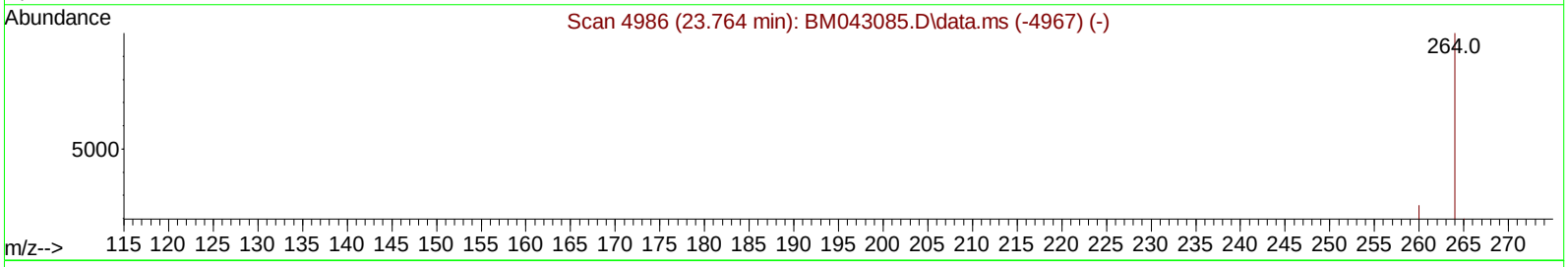

TIC: BM043145.D\data.ms

(23) Perylene-d12 (I)

23.744min (-0.009) 0.40 ng/ul m

response 2975

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	26.32#
265.00	120.30	56.92#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043145.D
Acq On : 02 Dec 2023 05:31
Operator : MA/JU
Sample : 05439-11
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Dec 02 22:40:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	849	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.601	136	2446	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.446	164	1557m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	3242m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.406	240	2011m	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	2975m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	4180	3.209	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	1043	0.319	ng/ul	0.01
18) Fluoranthene-d10	19.234	212	3203	0.437	ng/ul	0.00
Target Compounds						Qvalue
12) Fluorene	15.501	166	430	0.070	ng/ul#	94
15) Phenanthrene	17.242	178	1595m	0.172	ng/ul	
16) Anthracene	17.331	178	2847	0.325	ng/ul	95
19) Fluoranthene	19.267	202	2691	0.236	ng/ul	99
20) Pyrene	19.625	202	3080	0.254	ng/ul#	87
21) Benzo(a)anthracene	21.394	228	1435	0.220	ng/ul	97
22) Chrysene	21.444	228	2152	0.177	ng/ul	99
24) Benzo(b)fluoranthene	23.019	252	1587	0.158	ng/ul	90
25) Benzo(k)fluoranthene	23.069	252	1749	0.126	ng/ul#	86
26) Benzo(a)pyrene	23.624	252	1529	0.140	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.231	276	1924	0.130	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.248	278	1475	0.129	ng/ul#	85
29) Benzo(g,h,i)perylene	26.989	276	1744	0.121	ng/ul#	87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043145.D
Acq On : 02 Dec 2023 05:31
Operator : MA/JU
Sample : 05439-11
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Dec 02 22:40:23 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 01:12:12 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AC8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023