Quantitation Report (Qedit)

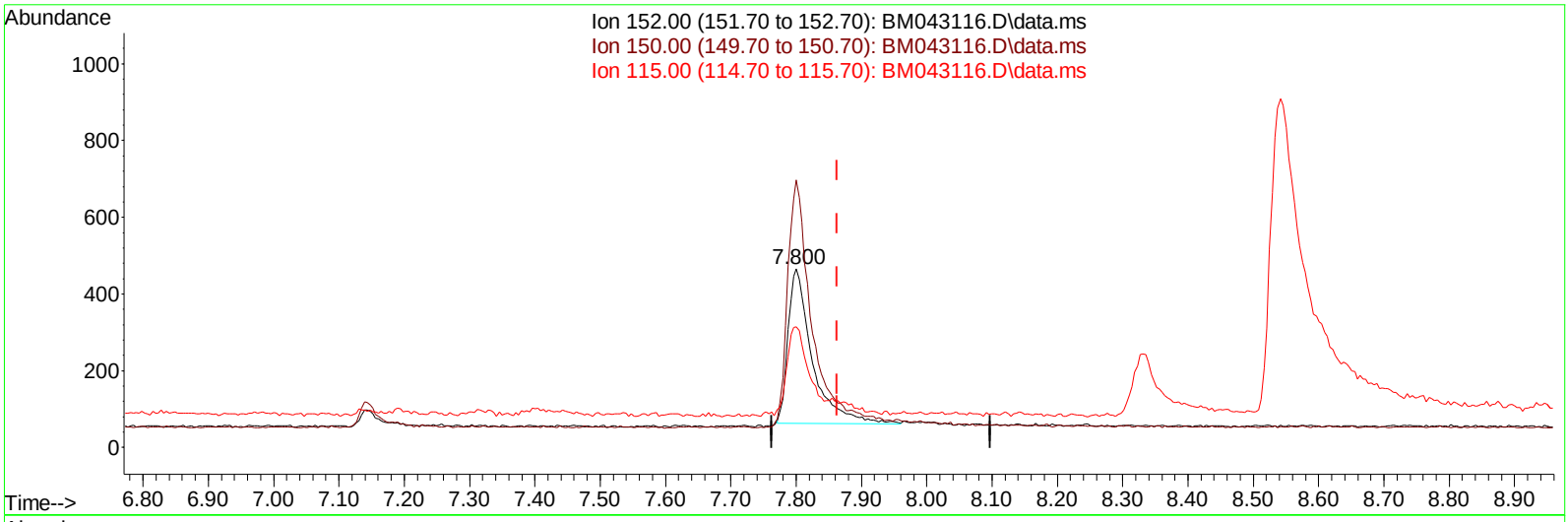
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043116.D
Acq On : 01 Dec 2023 10:34
Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

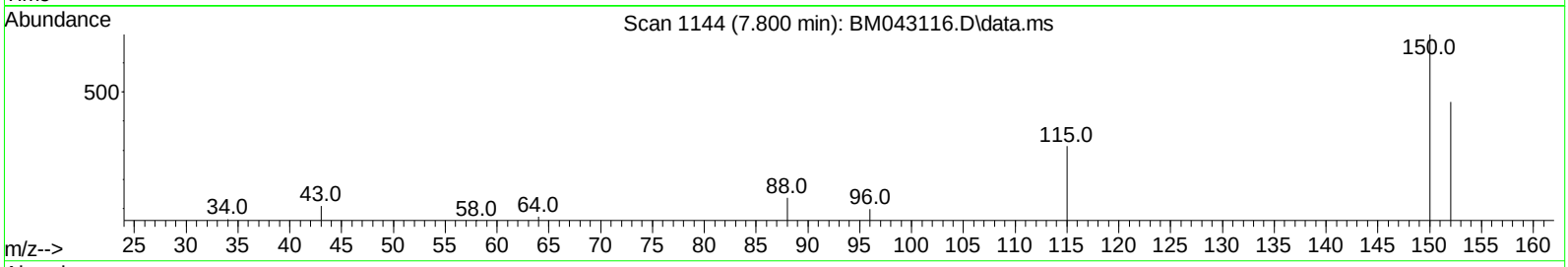
Quant Time: Dec 01 23:18:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

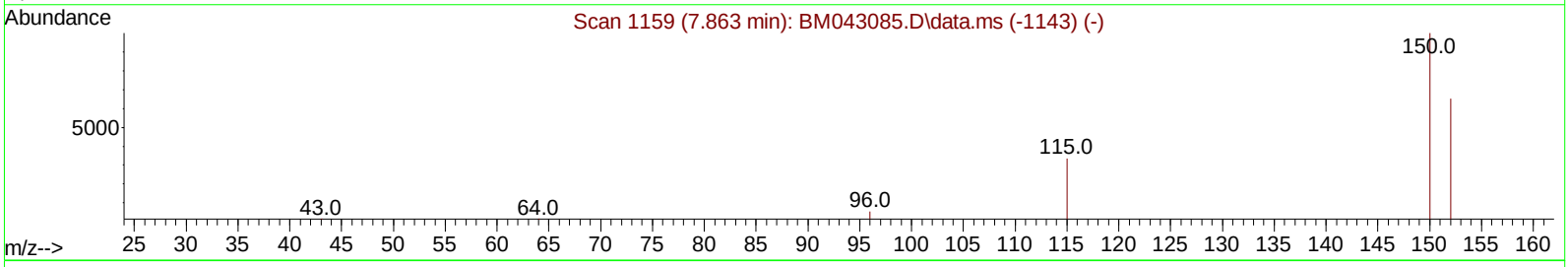
Instrument :
BNA_M
ClientSampleId :
C0AA5

Manual IntegrationsAPPROVED

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







TIC: BM043116.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.800min (-0.063) 0.40 ng/ul

response 1042

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	149.89#
115.00	89.60	67.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM043116.D
Acq On : 01 Dec 2023 10:34
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Misc :
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Quant Time: Dec 01 23:18:23 2023
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BNA_M
ClientSampleId :
C0AA5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/04/2023
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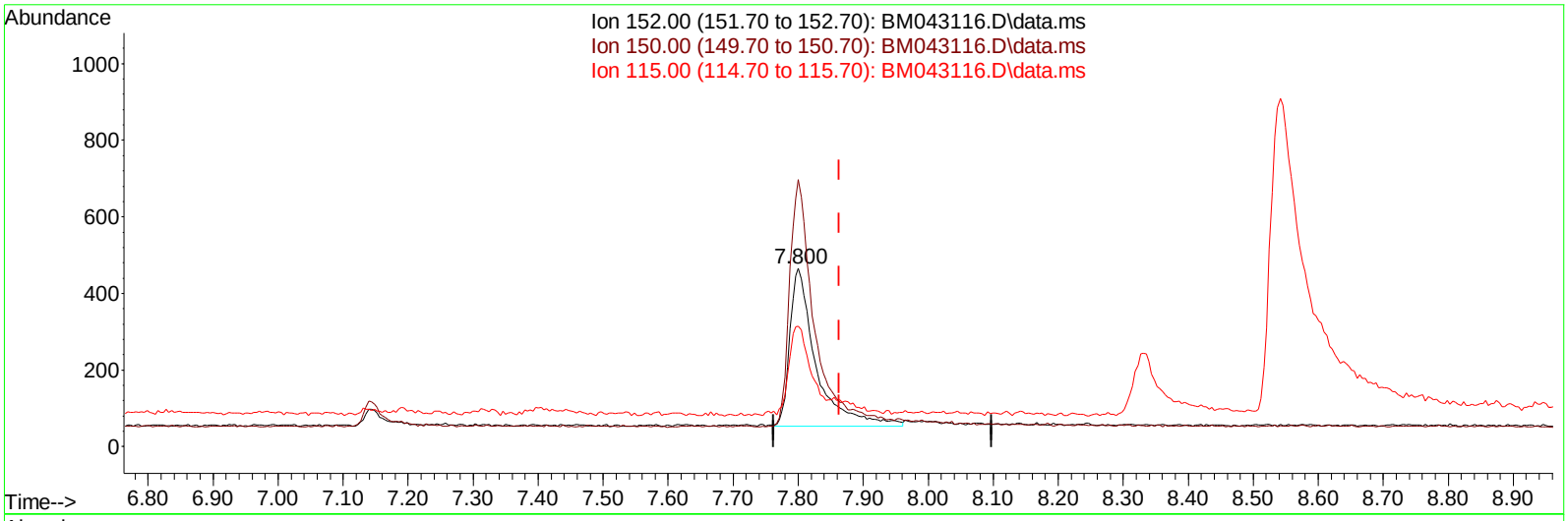

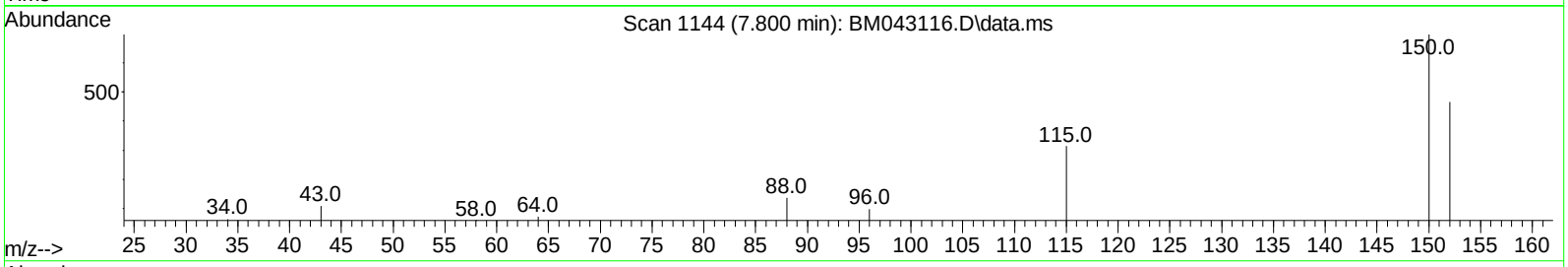

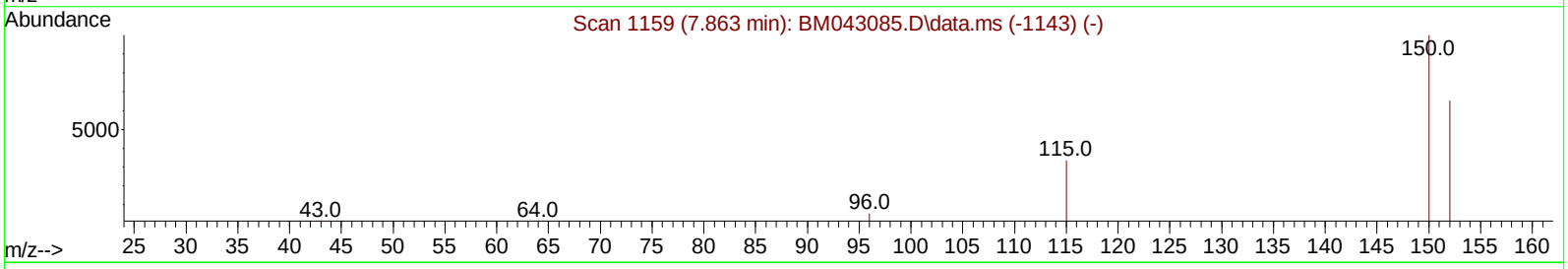

TIC: BM043116.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.800min (-0.063) 0.40 ng/ul m

response 1143

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	149.89#
115.00	89.60	67.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043116.D
Acq On : 01 Dec 2023 10:34
Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 01 23:18:23 2023
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Instrument :
BNA_M
ClientSampleId :
C0AA5

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/04/2023
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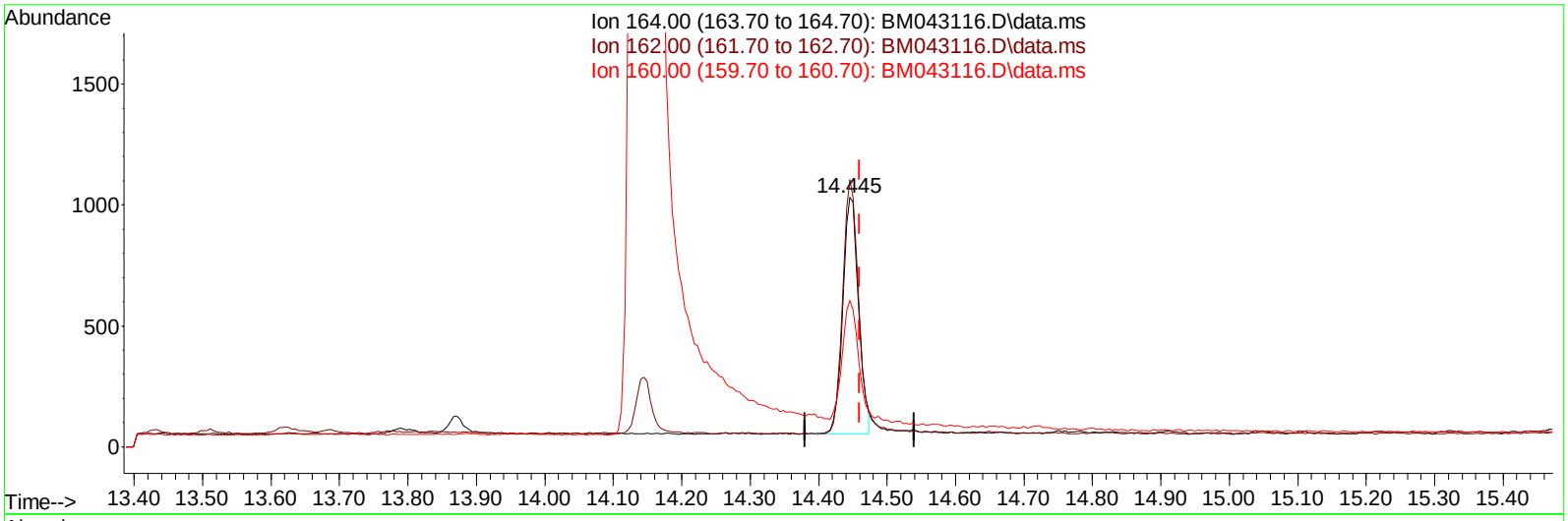

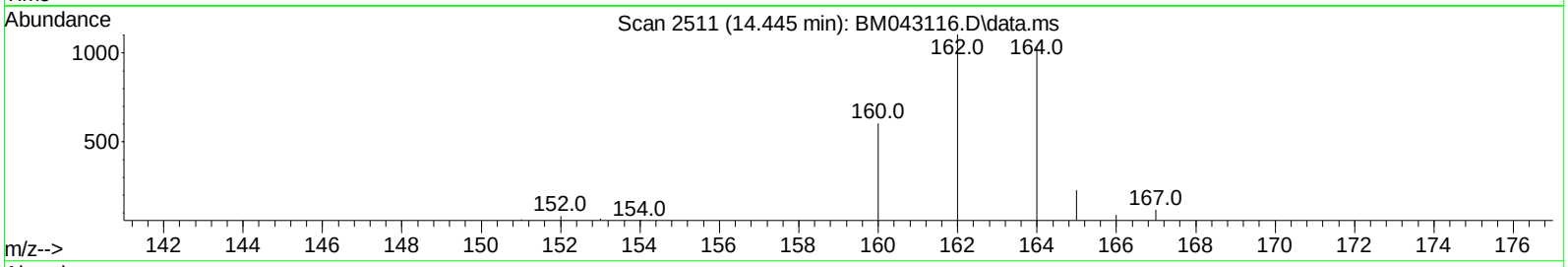

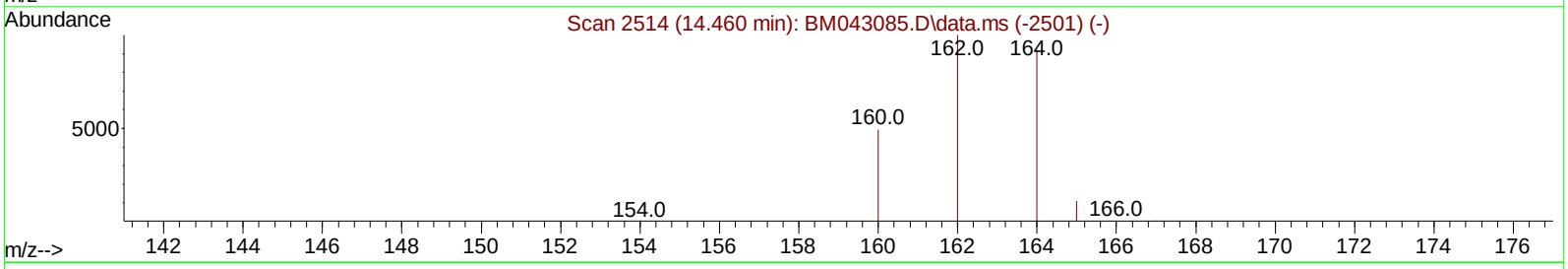

TIC: BM043116.D\data.ms

(9) Acenaphthene-d10 (I)

14.445min (-0.015) 0.40 ng/ul

response 1565

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	106.87
160.00	57.20	58.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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Acq On : 01 Dec 2023 10:34
Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 01 23:18:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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BNA_M
ClientSampleId :
C0AA5

Manual IntegrationsAPPROVED

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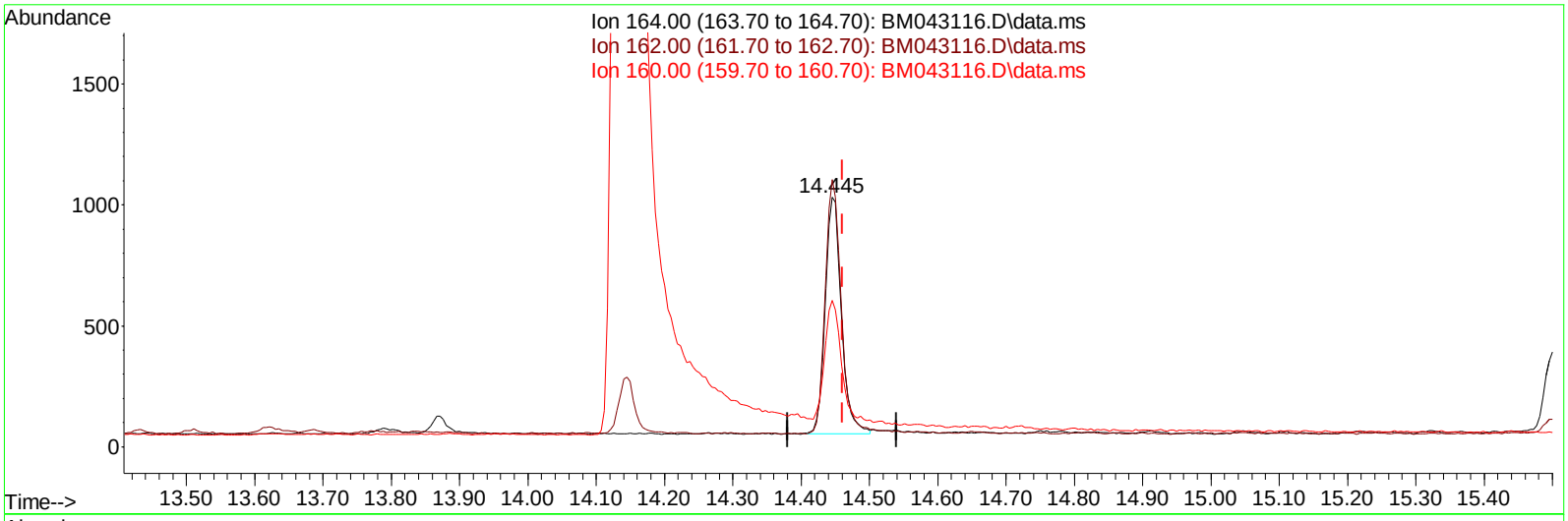
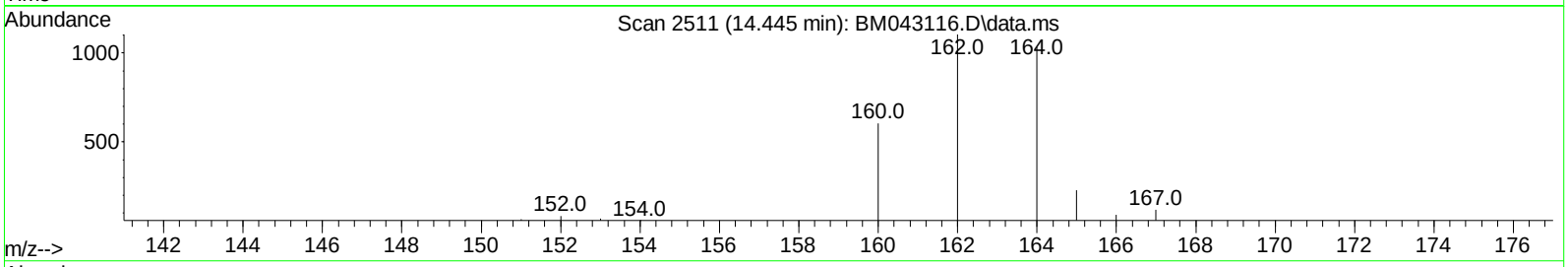
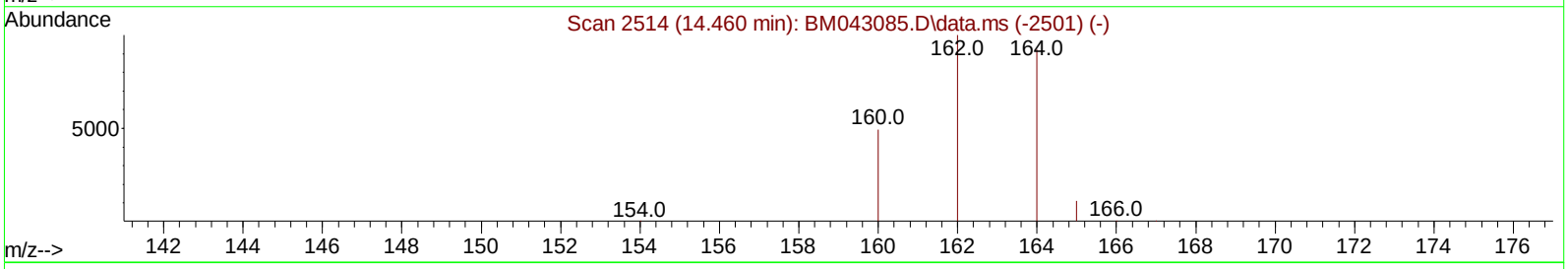
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043116.D\data.ms

(9) Acenaphthene-d10 (I)

14.445min (-0.015) 0.40 ng/ul m

response 1604

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	106.87
160.00	57.20	58.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043116.D
Acq On : 01 Dec 2023 10:34
Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 01 23:18:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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Instrument :
BNA_M
ClientSampleId :
C0AA5

Manual IntegrationsAPPROVED

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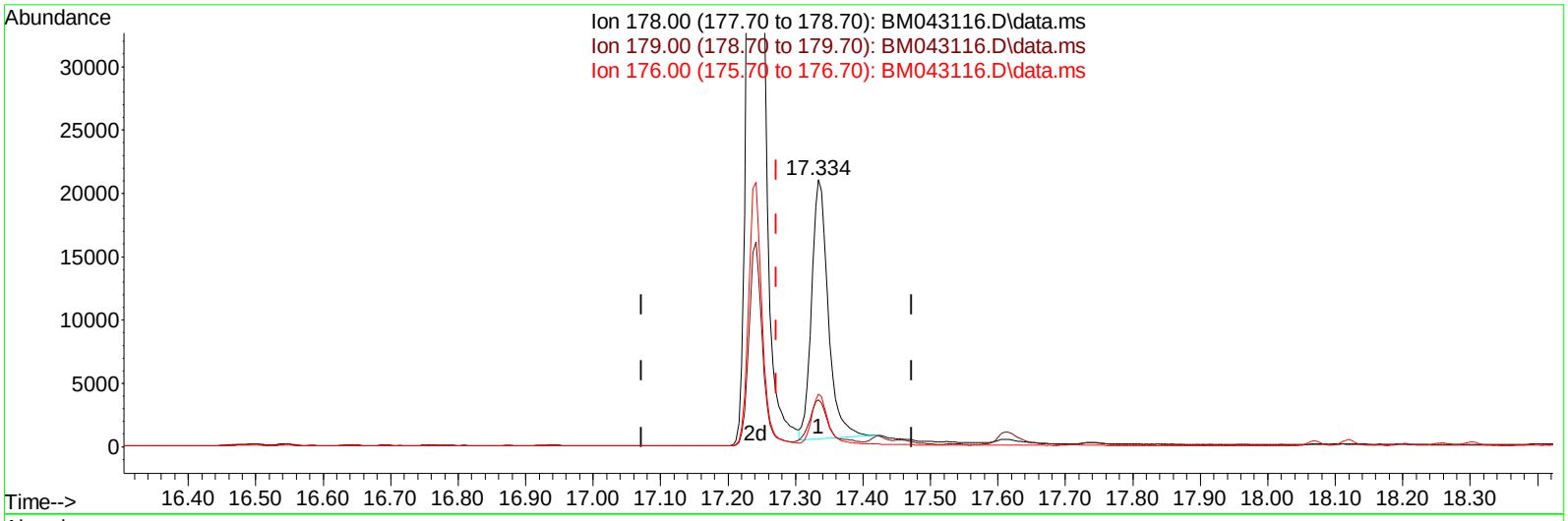

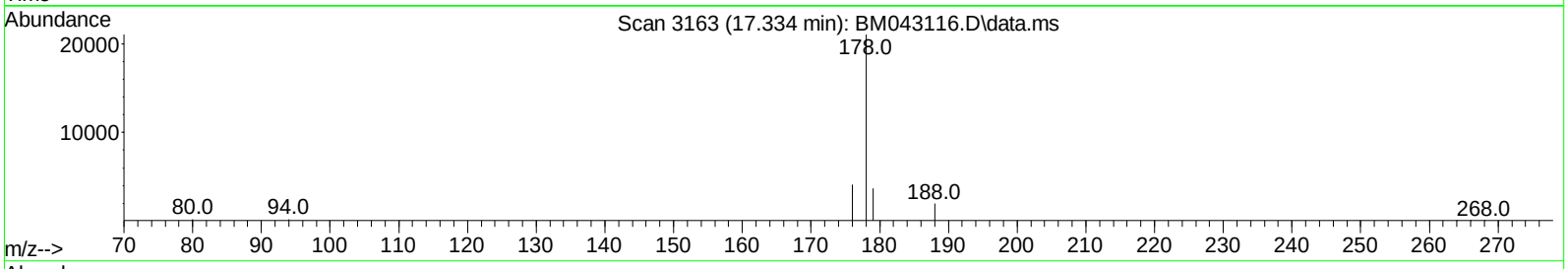

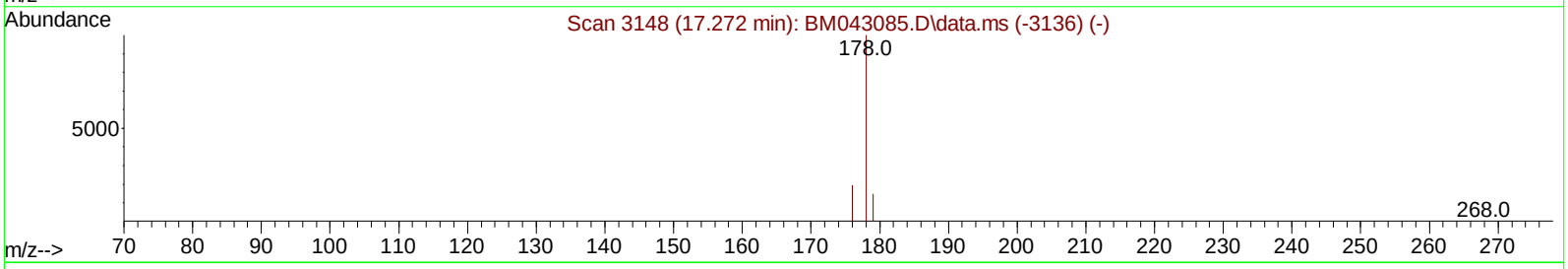

TIC: BM043116.D\data.ms

(15) Phenanthrene

17.334min (+ 0.062) 3.72 ng/ul

response 35122

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.60	17.63
176.00	23.60	19.61
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM043116.D
Acq On : 01 Dec 2023 10:34
Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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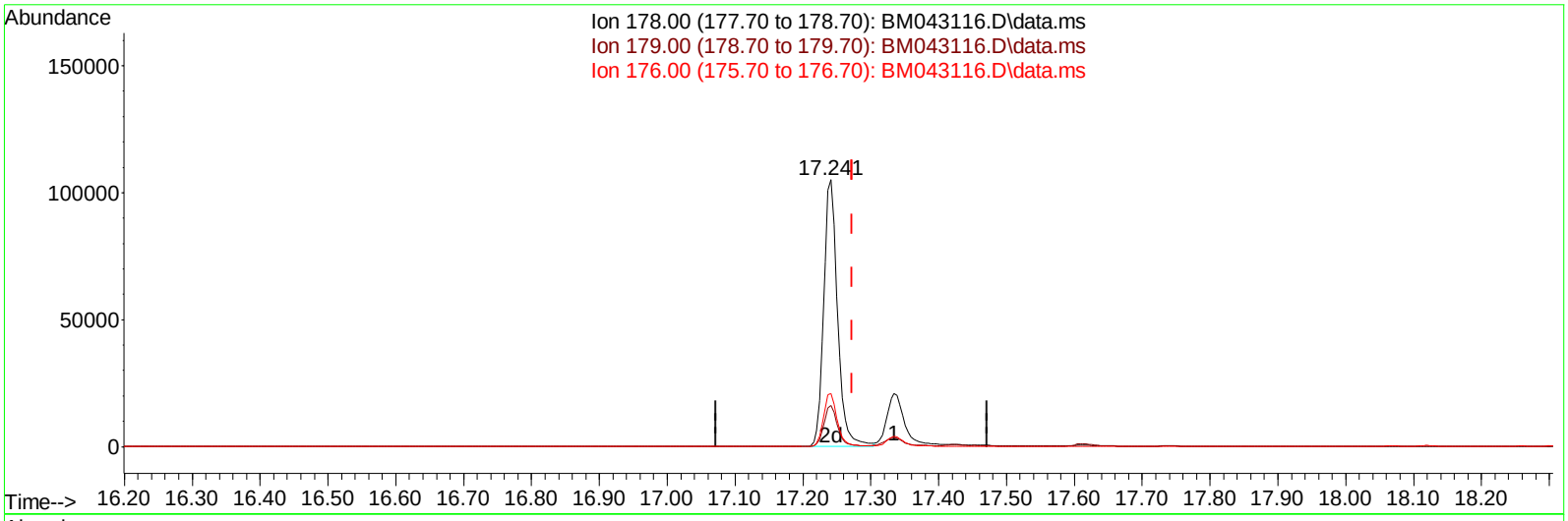
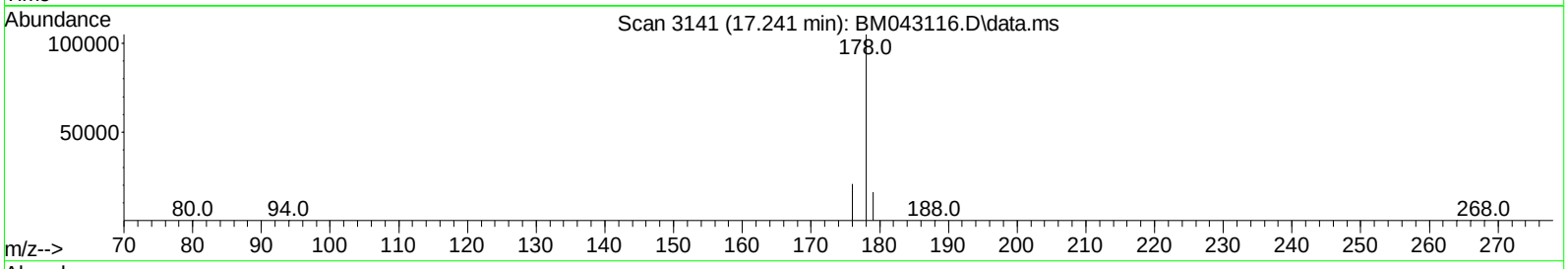
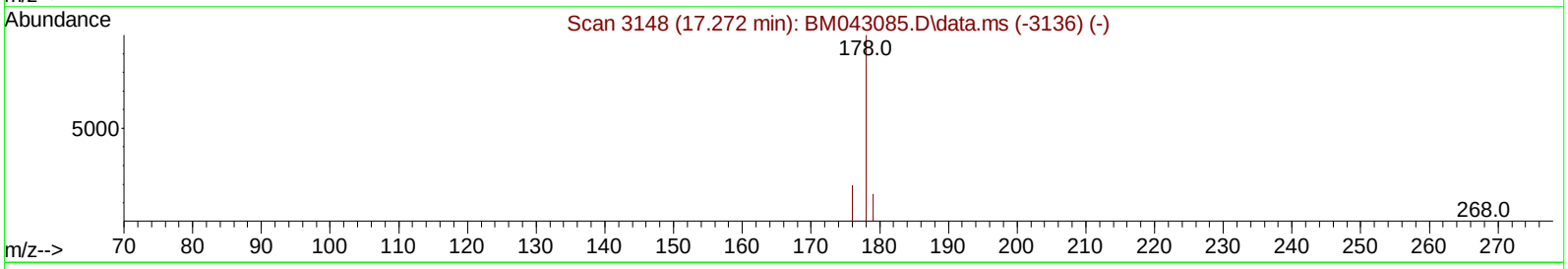
Manual IntegrationsAPPROVED

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







TIC: BM043116.D\data.ms

(15) Phenanthrene

17.241min (-0.031) 15.68 ng/ul m

response 148165

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.60	15.37#
176.00	23.60	19.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043116.D
Acq On : 01 Dec 2023 10:34
Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 01 23:18:23 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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BNA_M
ClientSampleId :
C0AA5

Manual IntegrationsAPPROVED

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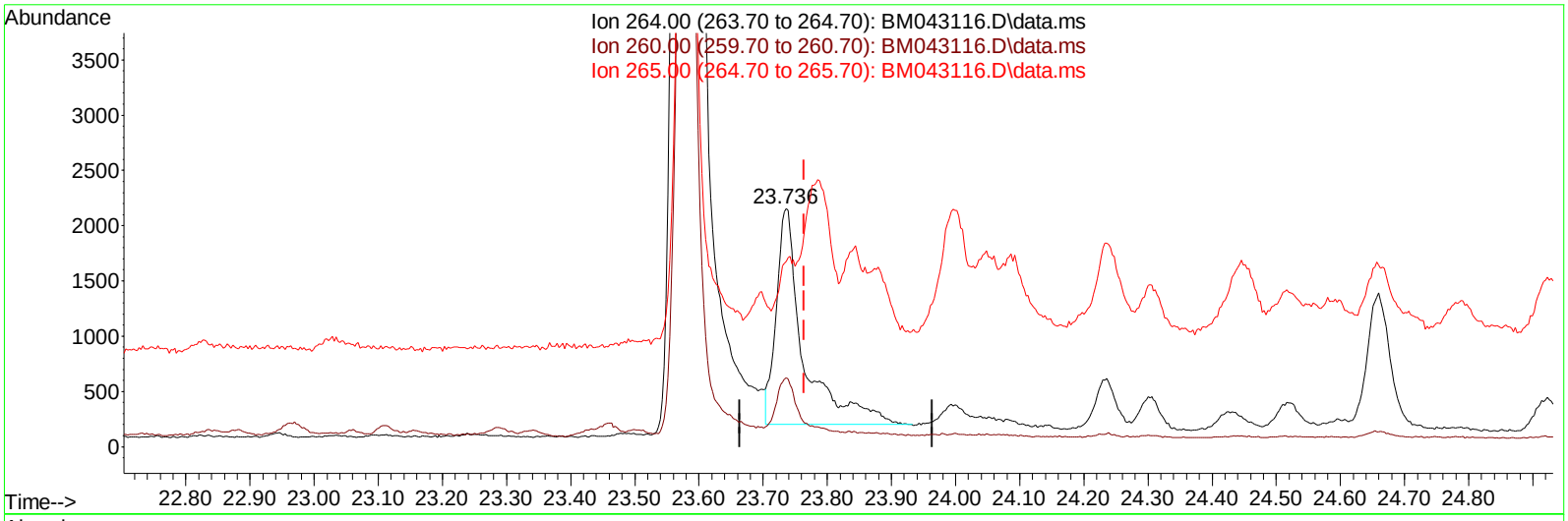
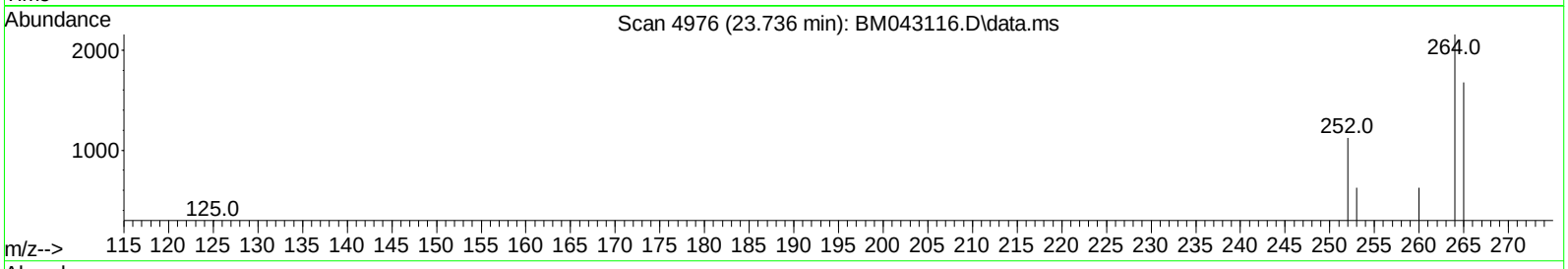
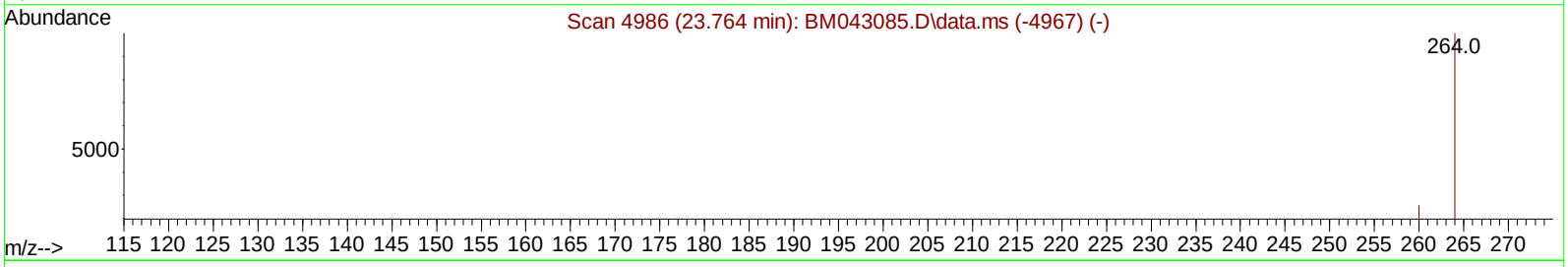
Supervised By :mohammad ahmed 12/04/2023







TIC: BM043116.D\data.ms

(23) Perylene-d12 (I)

23.736min (-0.029) 0.40 ng/ul

response 5904

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.93
265.00	120.30	77.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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Acq On : 01 Dec 2023 10:34
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Misc :
ALS Vial : 33 Sample Multiplier: 1

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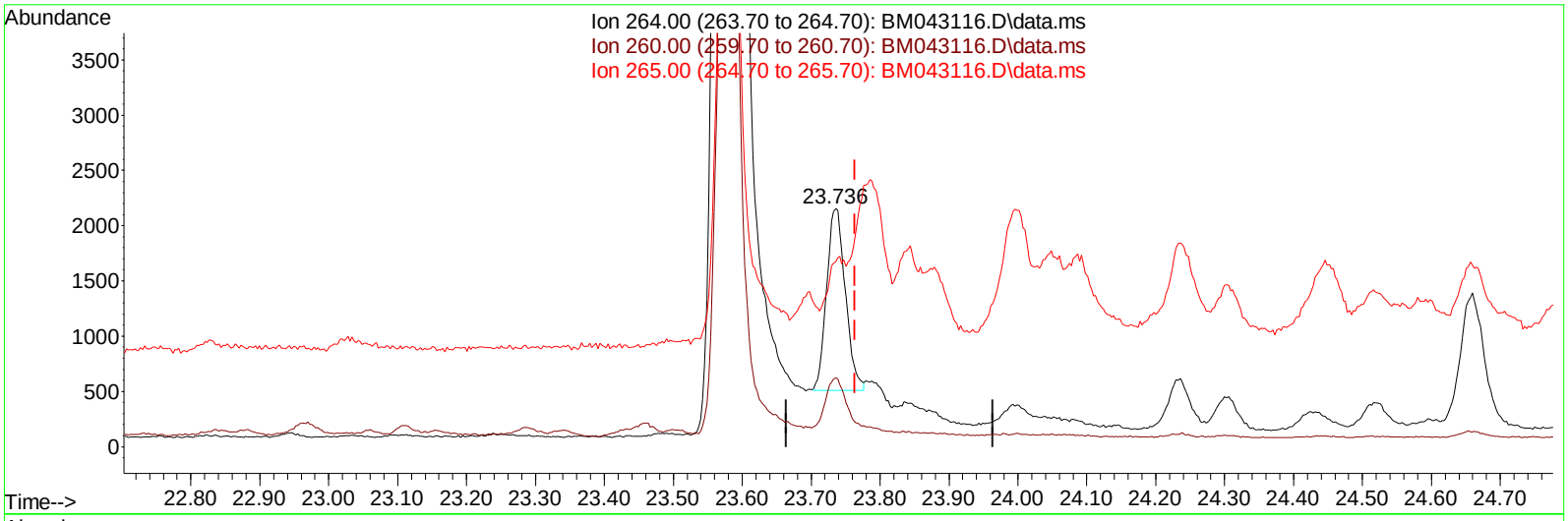

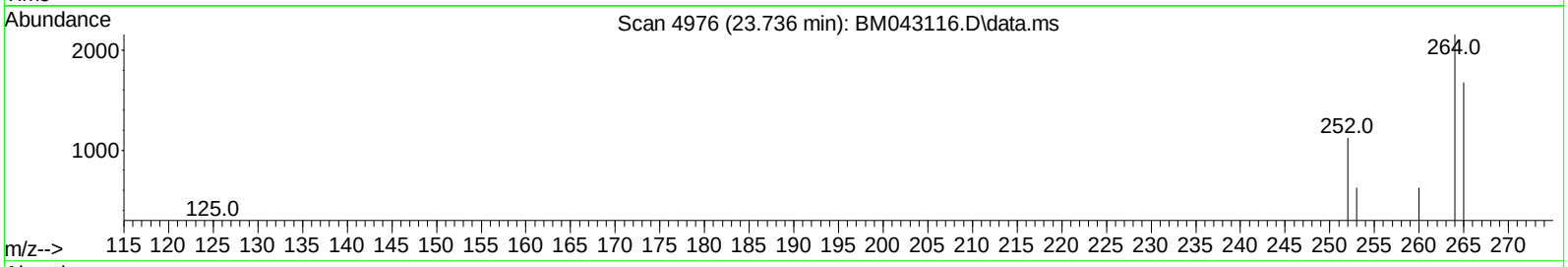

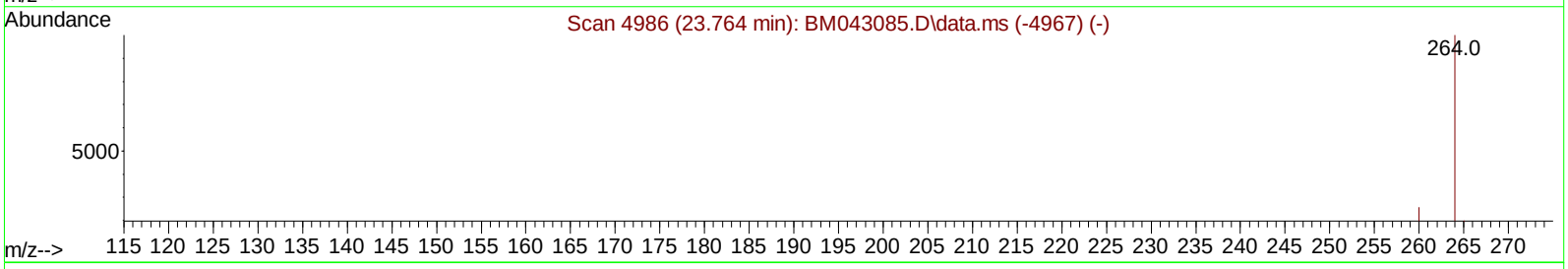

TIC: BM043116.D\data.ms

(23) Perylene-d12 (I)

23.736min (-0.029) 0.40 ng/ul m

response 3095

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	28.93
265.00	120.30	77.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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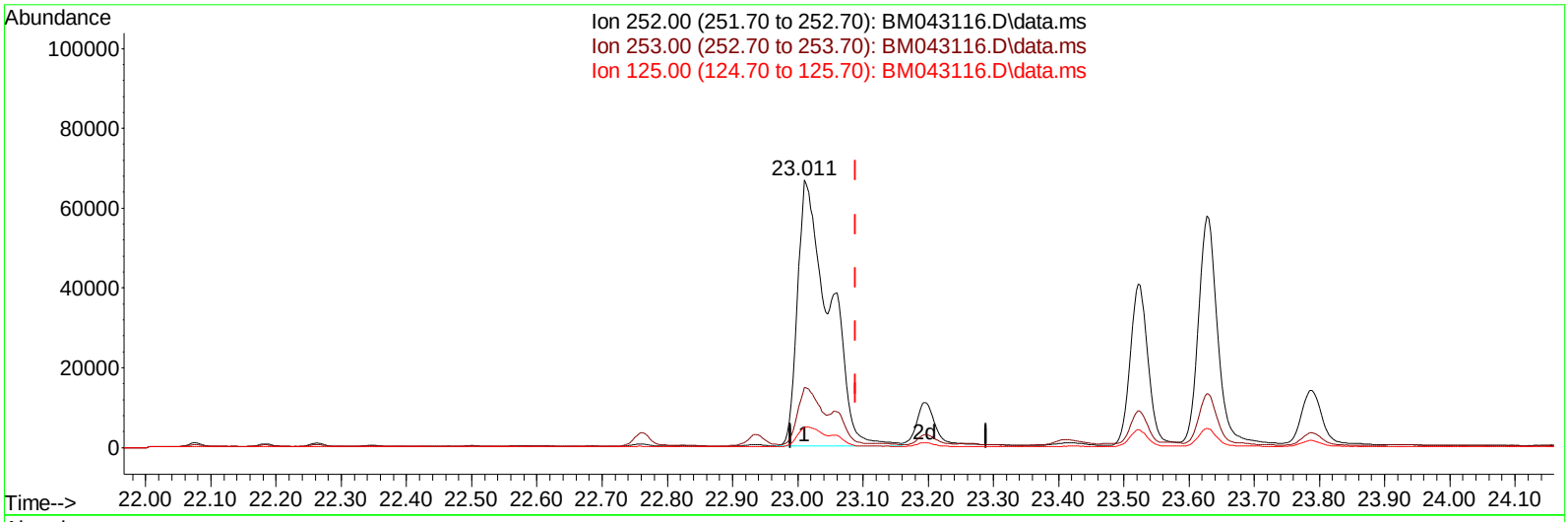

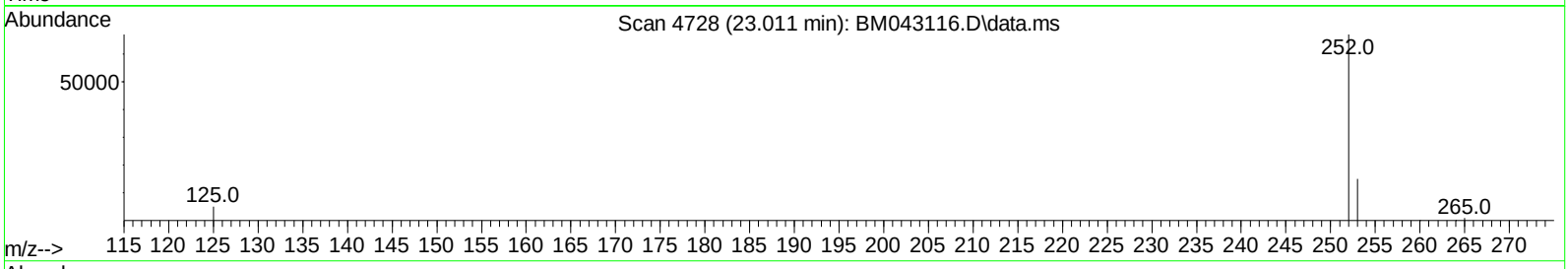

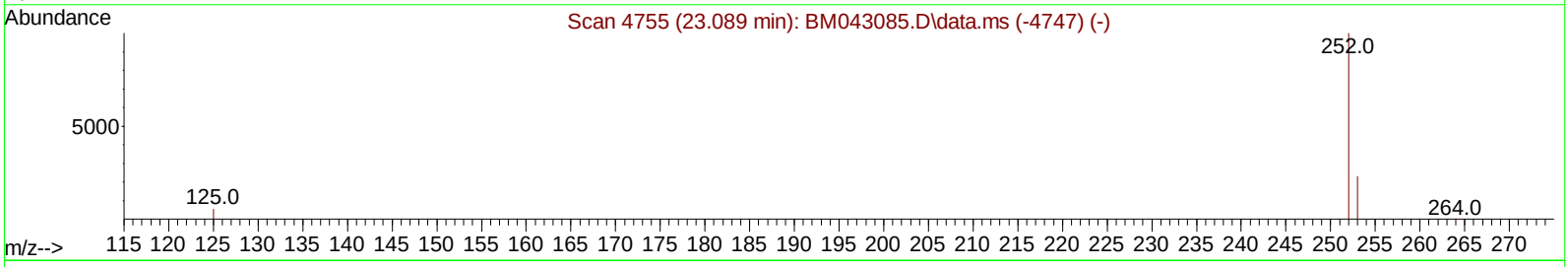

TIC: BM043116.D\data.ms

(25) Benzo(k)fluoranthene

23.011min (-0.078) 15.63 ng/ul

response 224781

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	22.52#
125.00	13.80	7.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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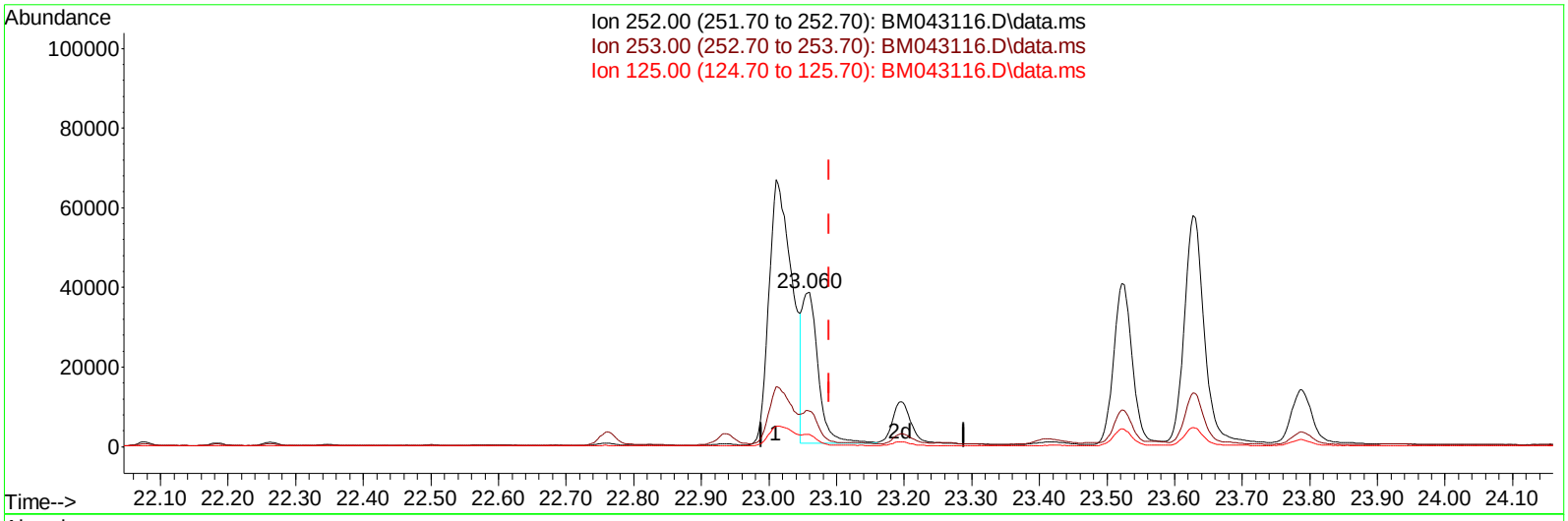

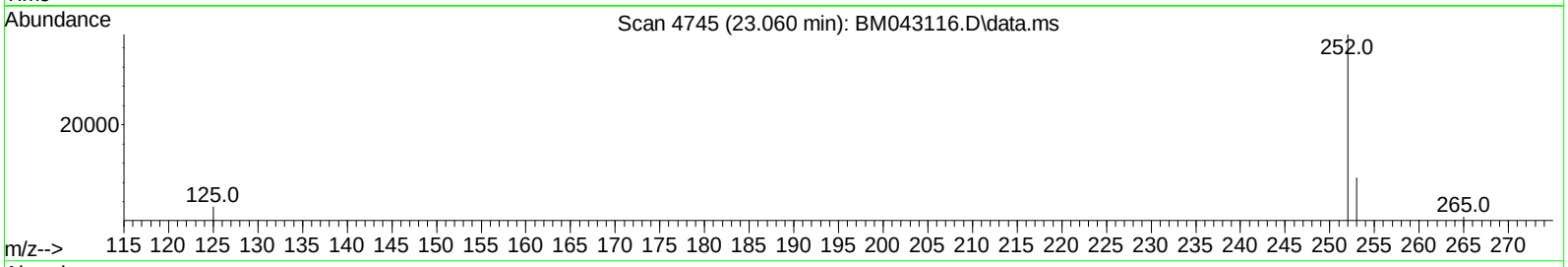

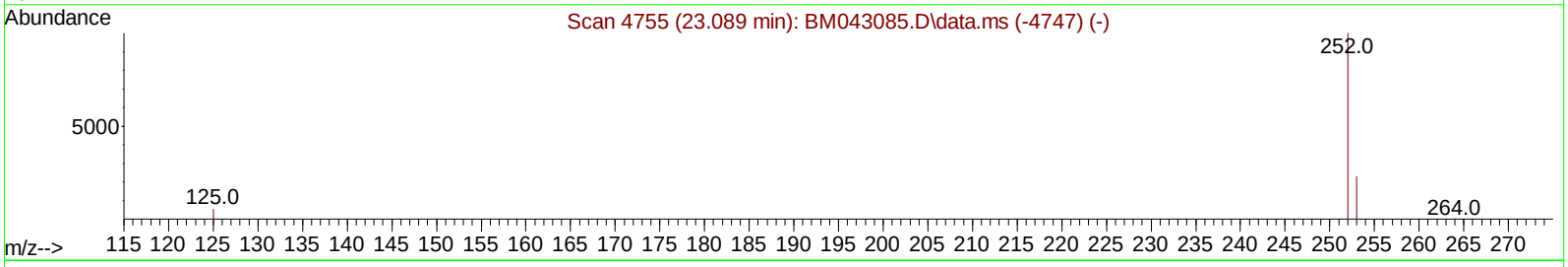

TIC: BM043116.D\data.ms

(25) Benzo(k)fluoranthene

23.060min (-0.029) 4.42 ng/ul m

response 63537

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	23.27#
125.00	13.80	7.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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Misc :
ALS Vial : 33 Sample Multiplier: 1

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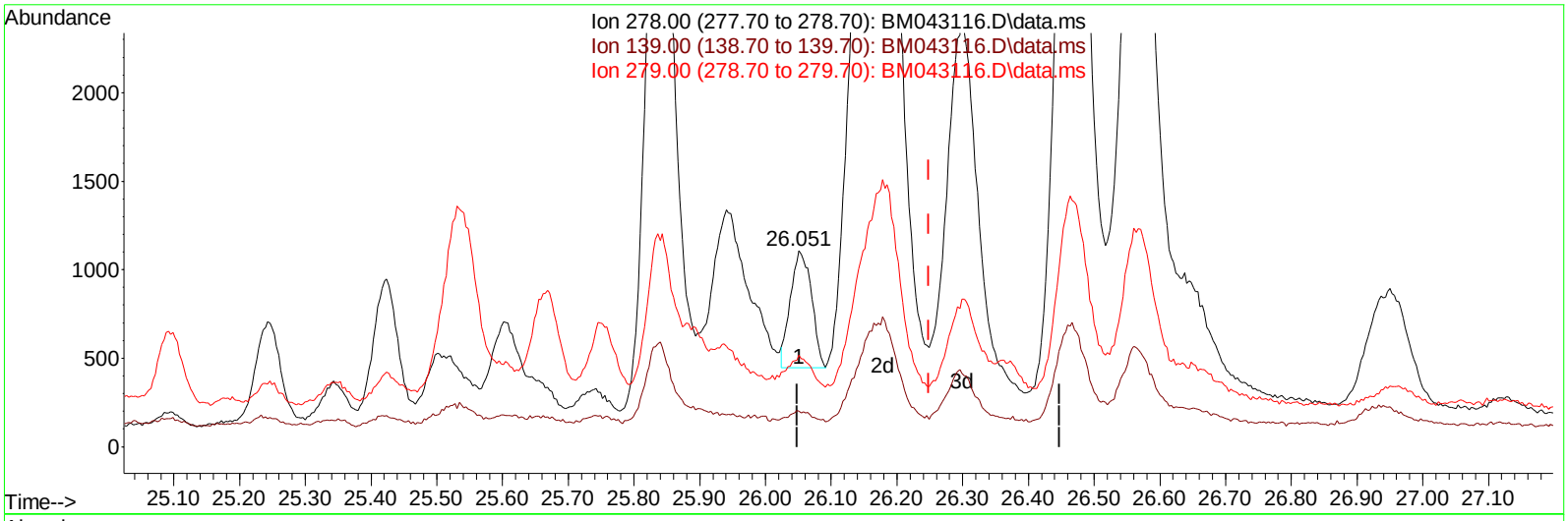
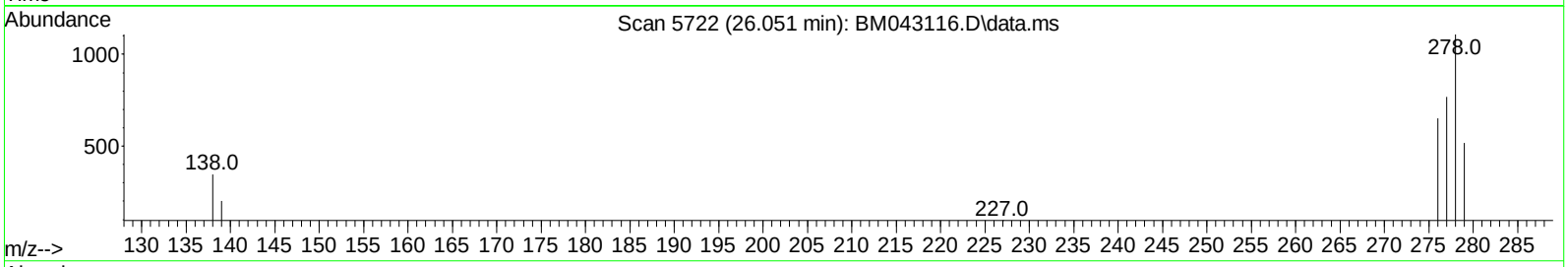
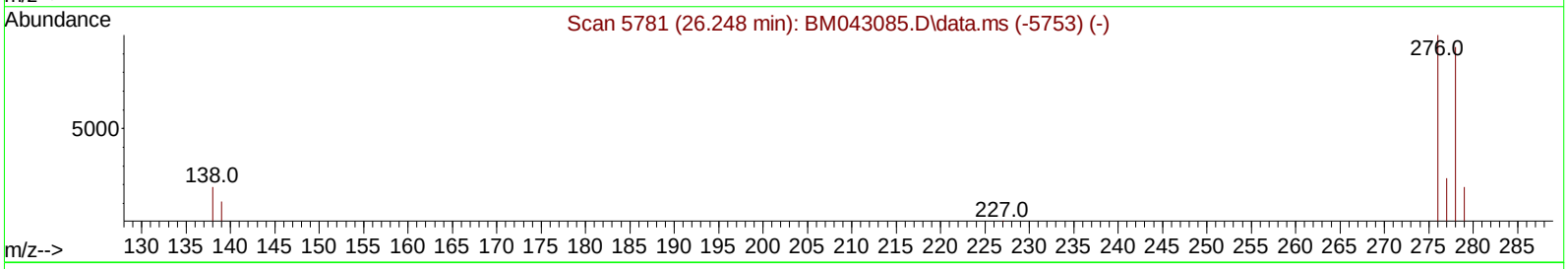






TIC: BM043116.D\data.ms

(28) Dibenzo(a,h)anthracene

26.051min (-0.197) 0.12 ng/ul

response 1465

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.60	18.23
279.00	43.00	46.66
0.00	0.00	0.00

Quantitation Report (Qedit)

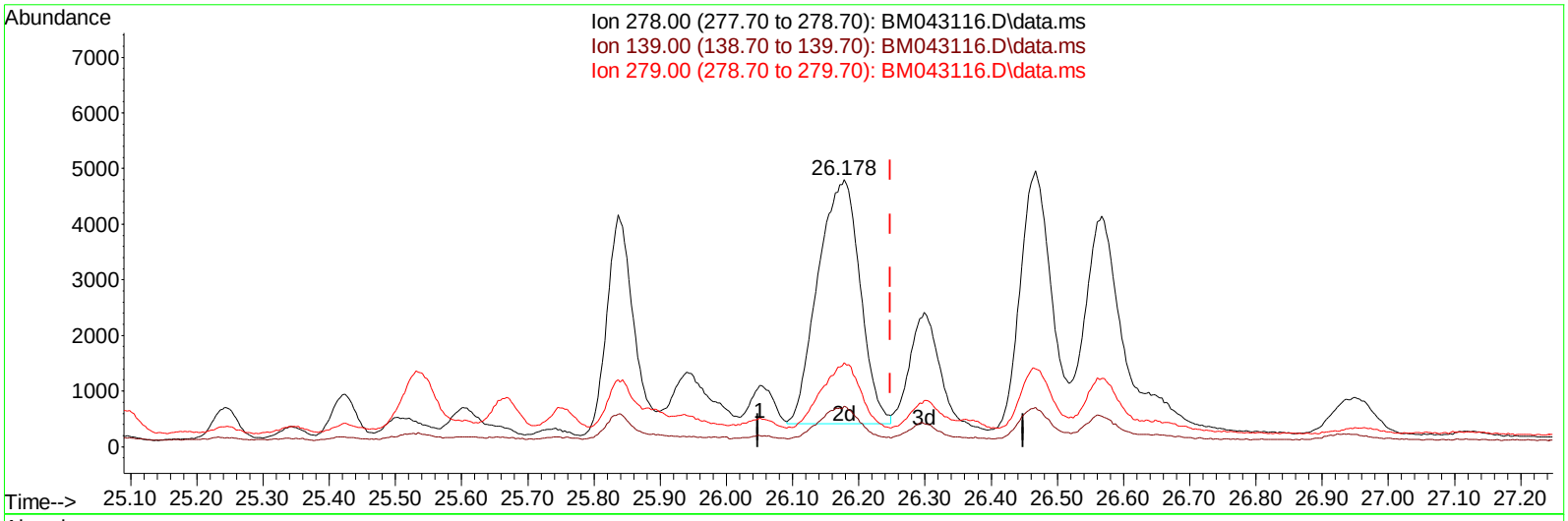
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043116.D
Acq On : 01 Dec 2023 10:34
Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

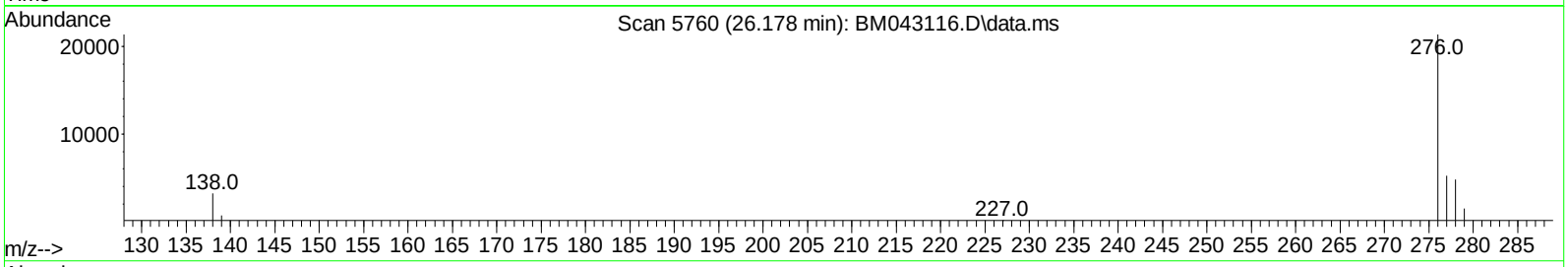
Quant Time: Dec 01 23:18:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

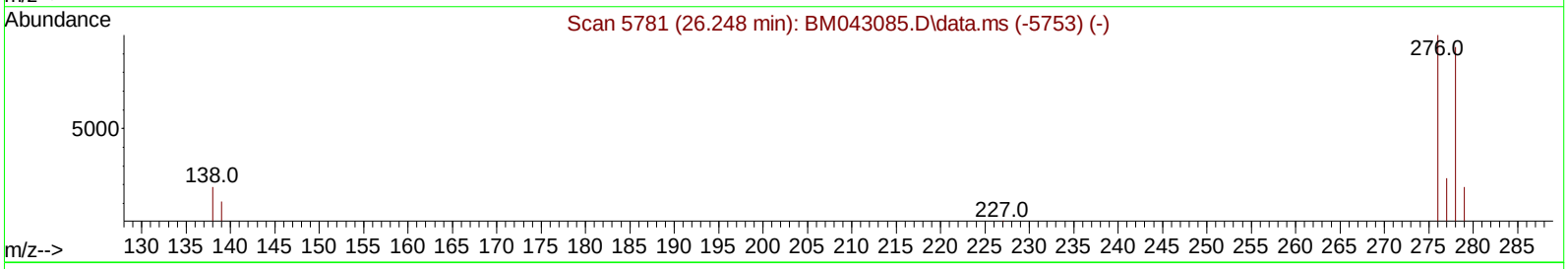
Instrument :
BNA_M
ClientSampleId :
C0AA5

Manual IntegrationsAPPROVED

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







TIC: BM043116.D\data.ms

(28) Dibenzo(a,h)anthracene

26.178min (-0.070) 1.63 ng/ul m

response 19427

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	22.60	15.32#
279.00	43.00	31.44#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043116.D
Acq On : 01 Dec 2023 10:34
Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 01 23:18:23 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 : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AA5

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	1143m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.600	136	3123	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.445	164	1604m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.199	188	3311	0.400	ng/ul	-0.03
17) Chrysene-d12	21.391	240	3181	0.400	ng/ul	#-0.02
23) Perylene-d12	23.736	264	3095m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1635	0.932	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	769	0.184	ng/ul	-0.03
18) Fluoranthene-d10	19.228	212	1732	0.149	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.655	128	4358	0.513	ng/ul#	88
7) 2-Methylnaphthalene	12.271	142	2601	0.520	ng/ul	97
8) 1-Methylnaphthalene	12.486	142	2339	0.419	ng/ul	96
10) Acenaphthylene	14.177	152	1566	0.191	ng/ul#	94
11) Acenaphthene	14.510	153	5278	0.851	ng/ul	96
12) Fluorene	15.500	166	4053	0.636	ng/ul	98
15) Phenanthrene	17.241	178	148165m	15.682	ng/ul	
16) Anthracene	17.334	178	40675	4.544	ng/ul#	90
19) Fluoranthene	19.261	202	330304	18.315	ng/ul#	90
20) Pyrene	19.628	202	291945	15.223	ng/ul#	91
21) Benzo(a)anthracene	21.374	228	147649	14.305	ng/ul	94
22) Chrysene	21.427	228	118806	6.181	ng/ul	97
24) Benzo(b)fluoranthene	23.011	252	158192	15.146	ng/ul	79
25) Benzo(k)fluoranthene	23.060	252	63537m	4.417	ng/ul	
26) Benzo(a)pyrene	23.627	252	115196	10.106	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.165	276	84468	5.476	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.178	278	19427m	1.628	ng/ul	
29) Benzo(g,h,i)perylene	26.930	276	56328	3.753	ng/ul#	89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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Operator : MA/JU
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 01 23:18:23 2023
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