Quantitation Report (Qedit)

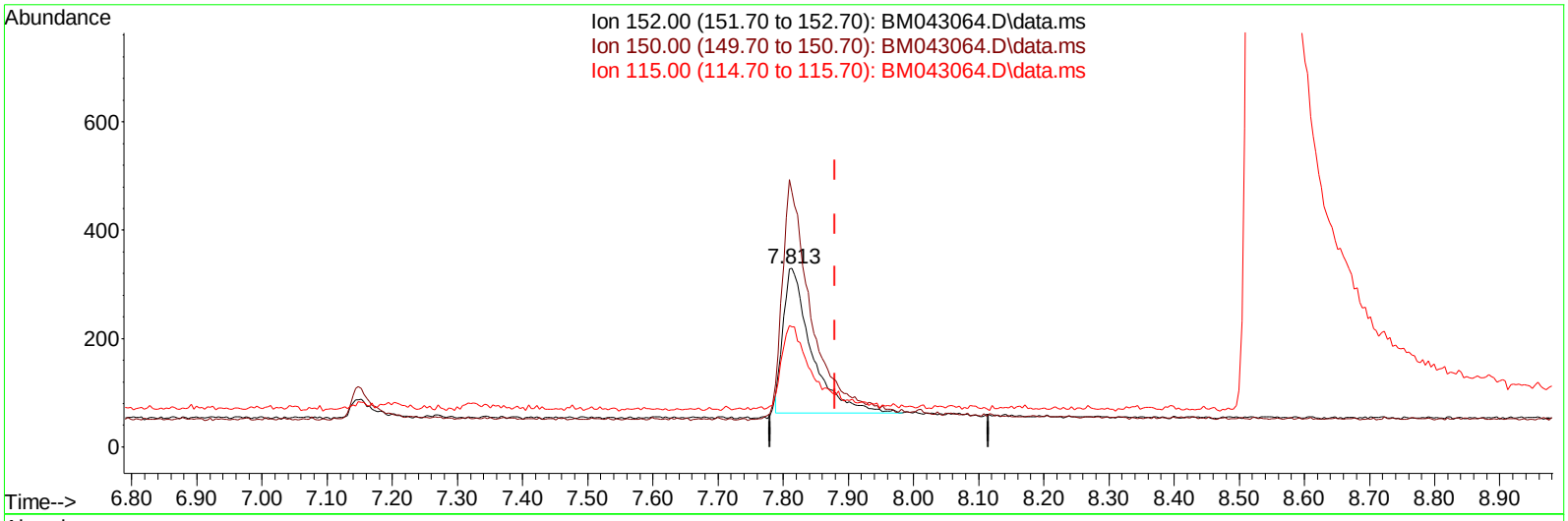
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043064.D
Acq On : 28 Nov 2023 00:15
Operator : MA/JU
Sample : 05416-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

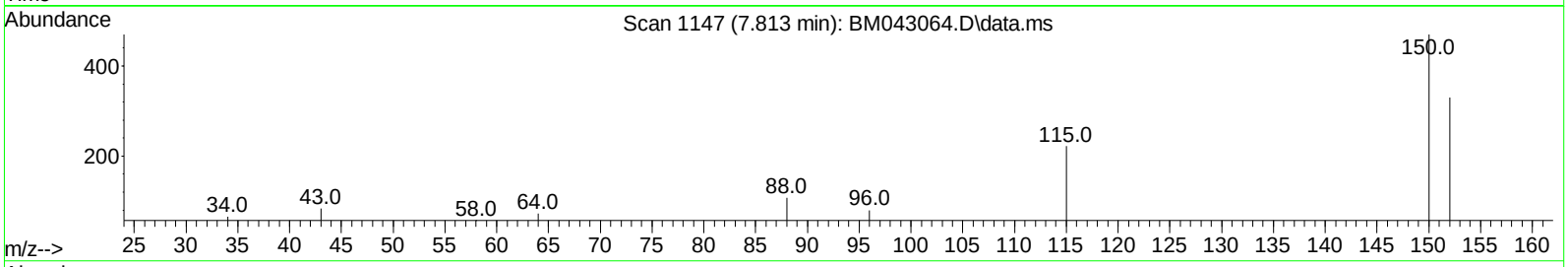
Quant Time: Nov 28 01:13:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

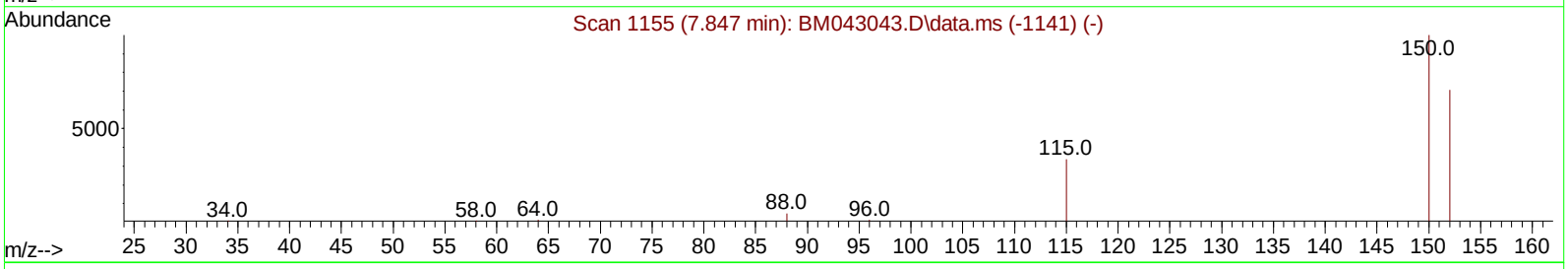
Instrument :
BNA_M
ClientSampleId :
C0AH4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023







TIC: BM043064.D\data.ms

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

7.813min (-0.067) 0.40 ng/ul

response 805

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	142.42
115.00	89.60	67.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043064.D
Acq On : 28 Nov 2023 00:15
Operator : MA/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 28 01:13:23 2023
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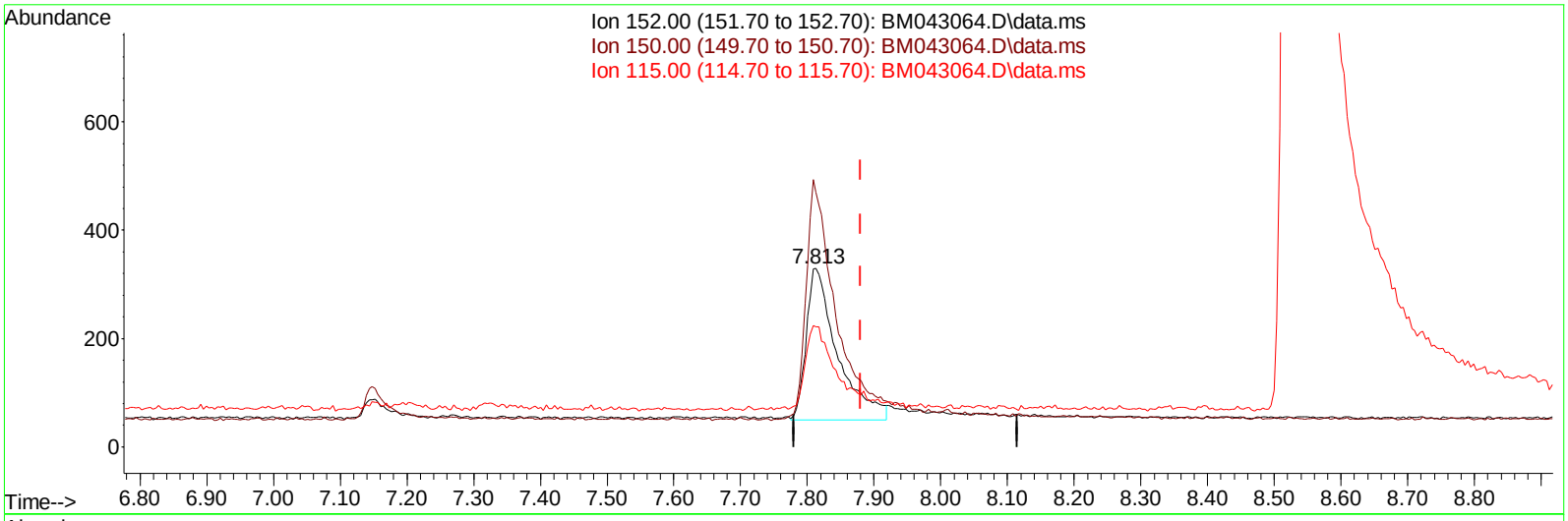

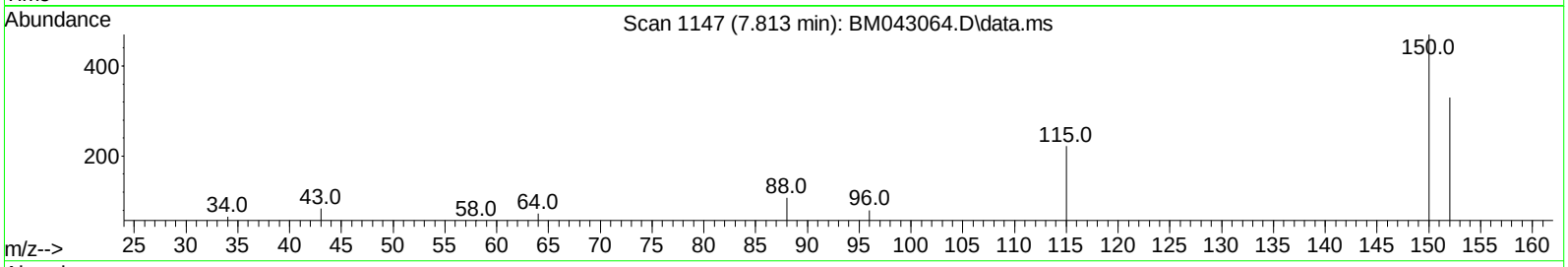

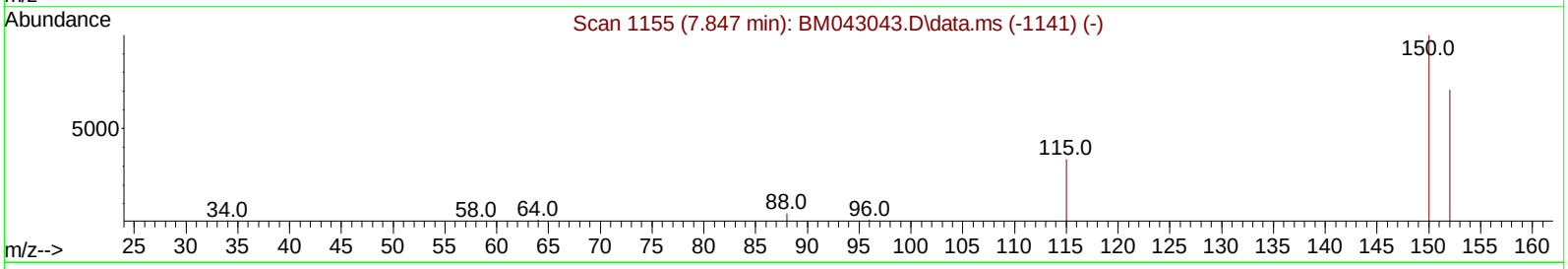

TIC: BM043064.D\data.ms

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

7.813min (-0.067) 0.40 ng/ul m

response 905

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	142.42
115.00	89.60	67.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
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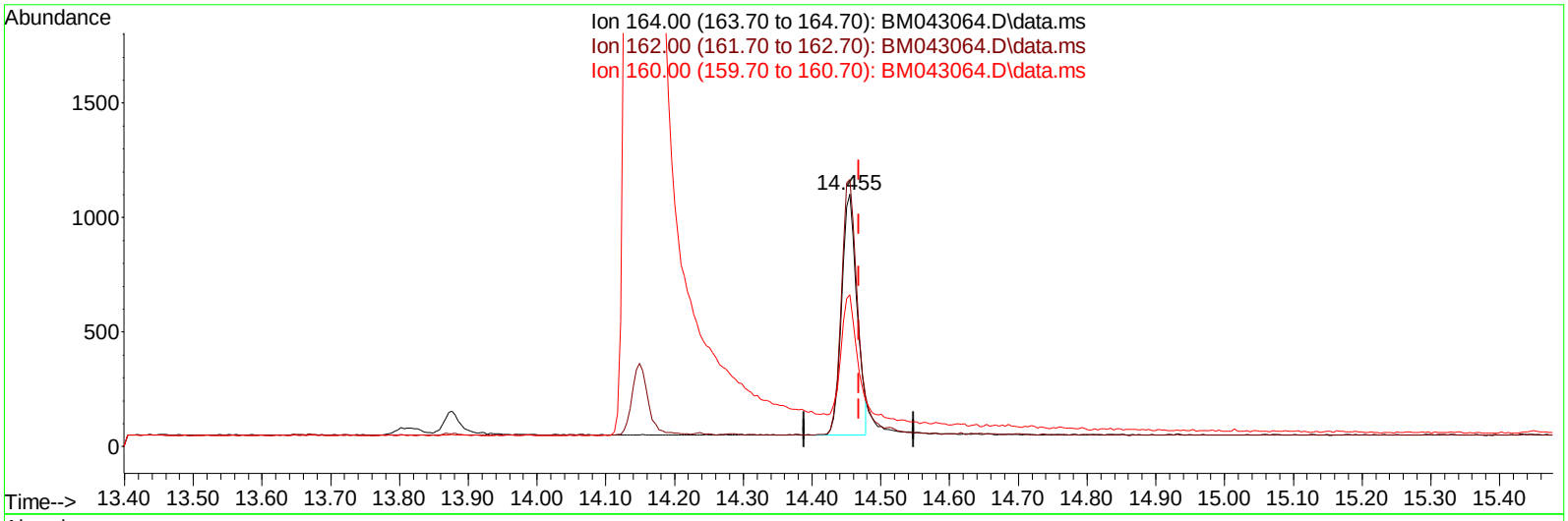

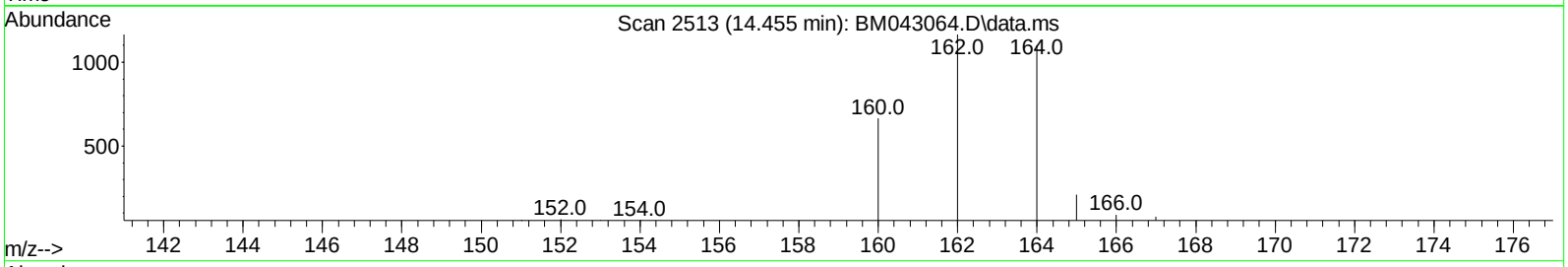

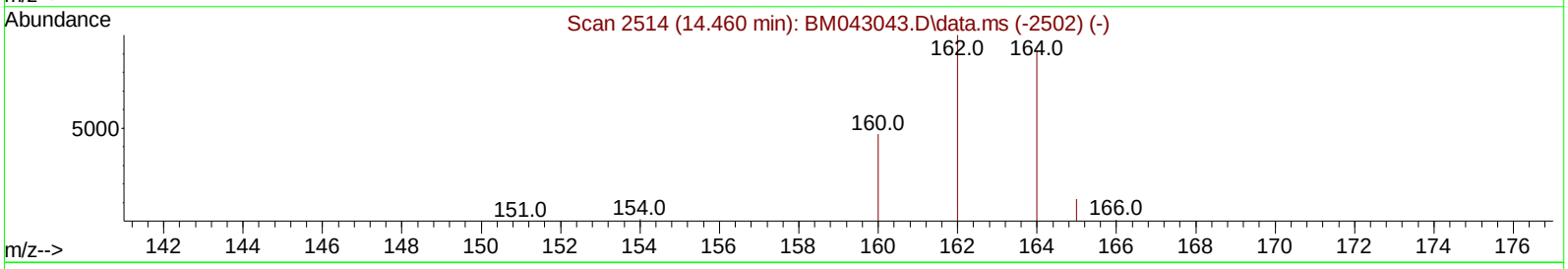

TIC: BM043064.D\data.ms

(9) Acenaphthene-d10 (I)

14.455min (-0.014) 0.40 ng/ul

response 1639

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	105.72
160.00	57.20	60.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043064.D
Acq On : 28 Nov 2023 00:15
Operator : MA/JU
Sample : 05416-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 28 01:13:23 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 : Mon Nov 27 02:36:19 2023
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Instrument :
BNA_M
ClientSampleId :
C0AH4

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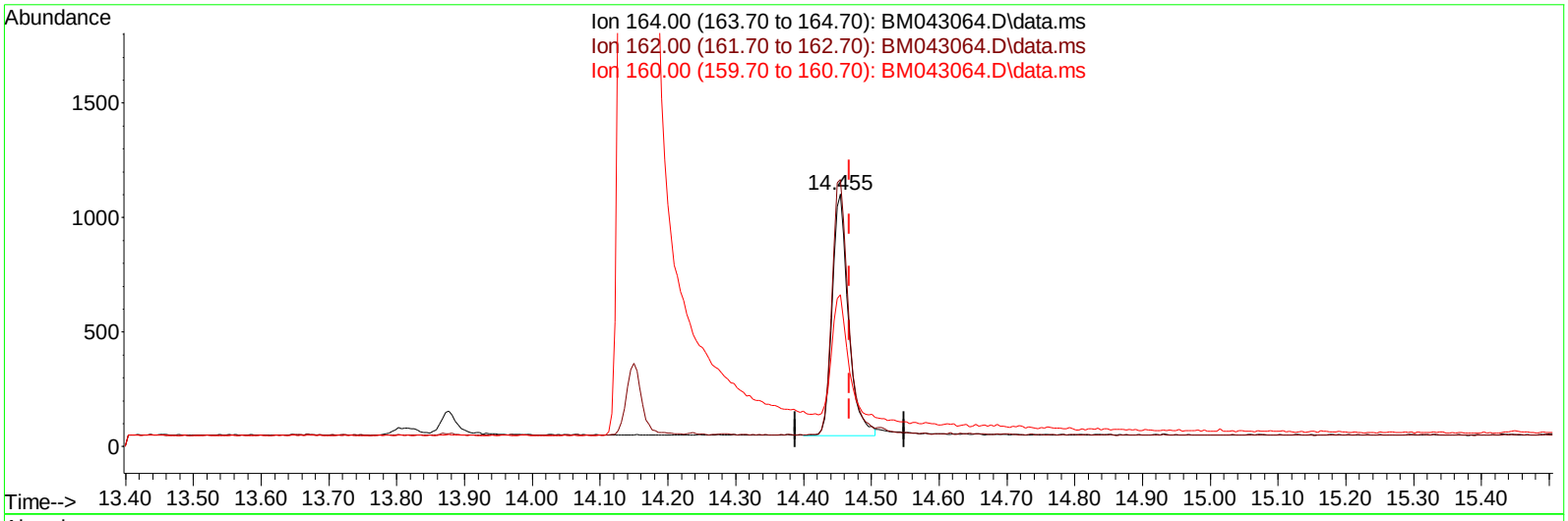

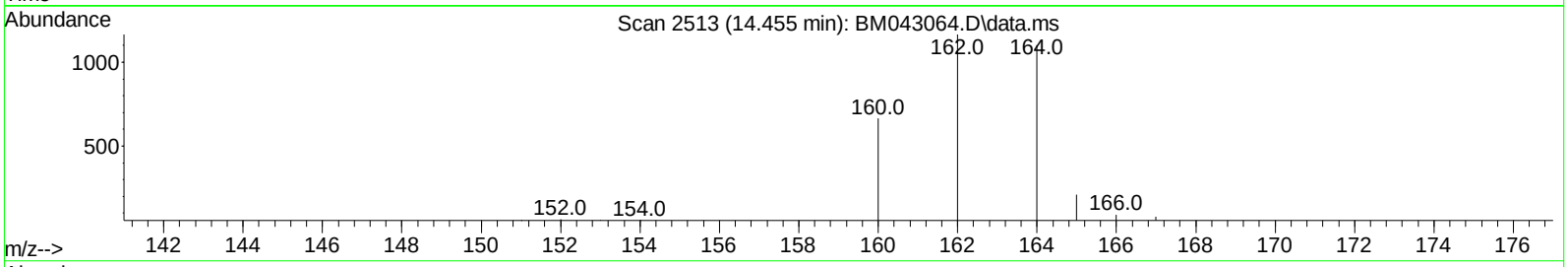

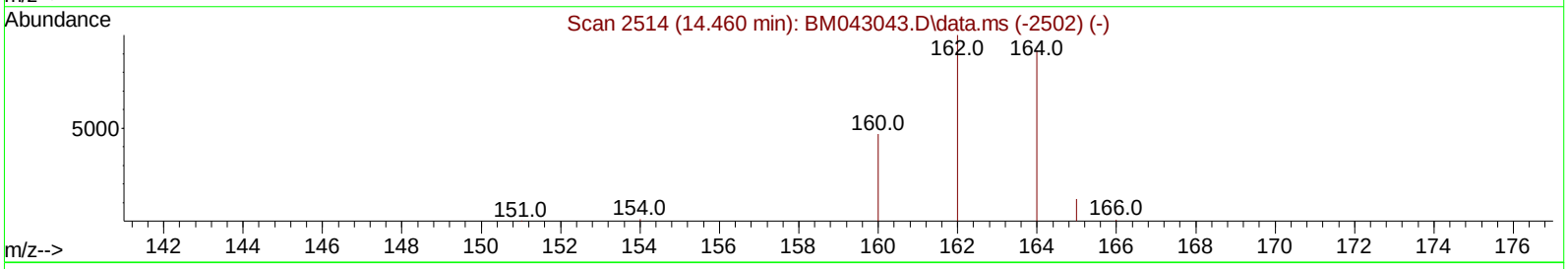

TIC: BM043064.D\data.ms

(9) Acenaphthene-d10 (I)

14.455min (-0.014) 0.40 ng/ul m

response 1744

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	105.72
160.00	57.20	60.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043064.D
Acq On : 28 Nov 2023 00:15
Operator : MA/JU
Sample : 05416-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 28 01:13:23 2023
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Instrument :
BNA_M
ClientSampleId :
C0AH4

Manual IntegrationsAPPROVED

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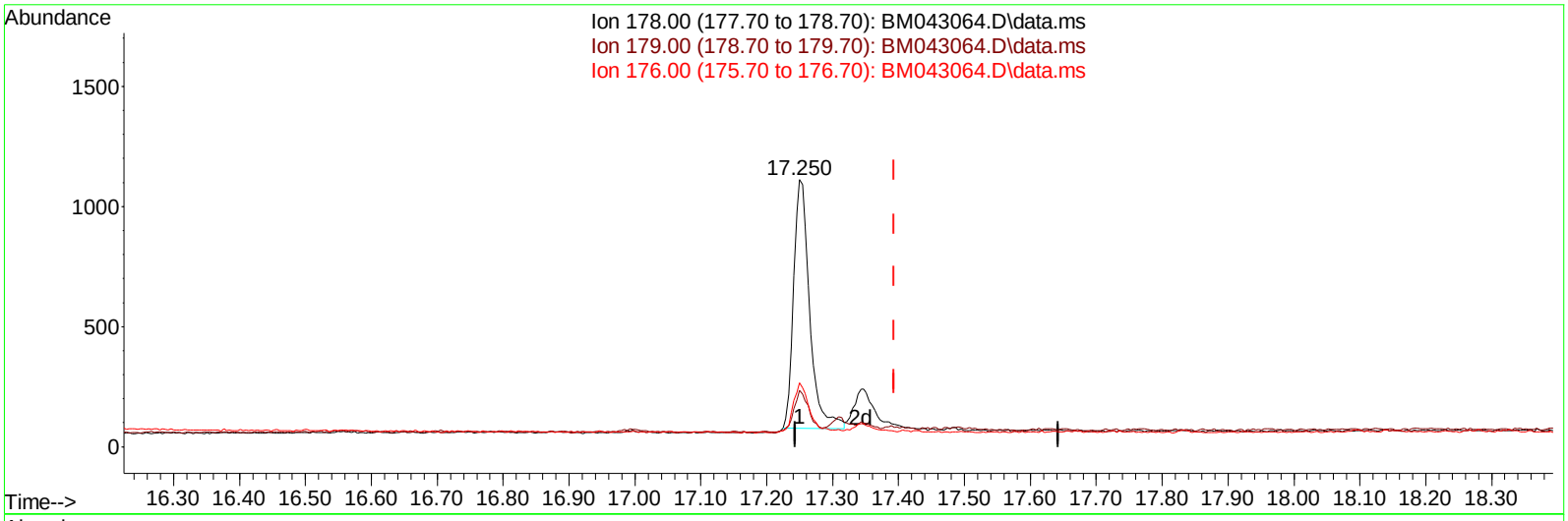

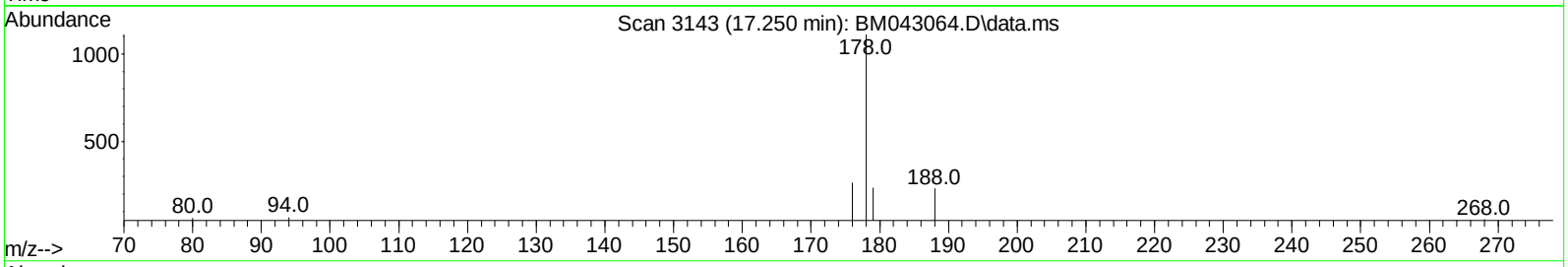

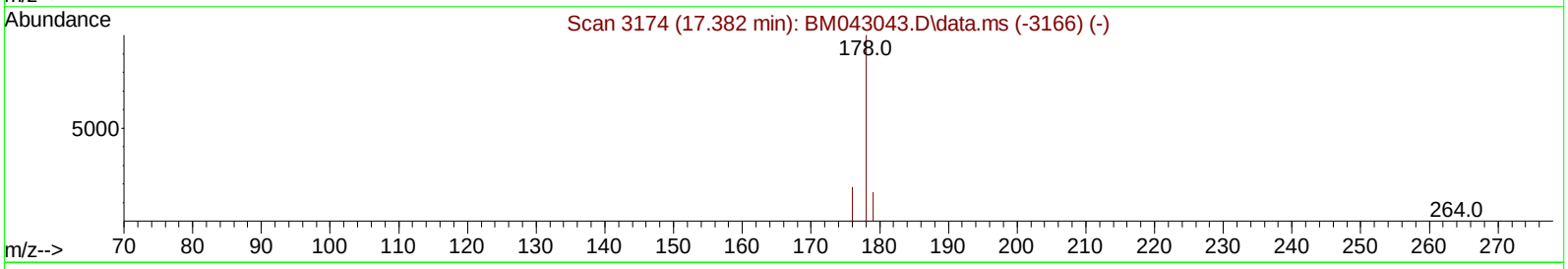

TIC: BM043064.D\data.ms

(16) Anthracene

17.250min (-0.143) 0.18 ng/ul

response 1743

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	21.15
176.00	25.60	23.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043064.D
Acq On : 28 Nov 2023 00:15
Operator : MA/JU
Sample : 05416-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 28 01:13:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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Instrument :
BNA_M
ClientSampleId :
C0AH4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
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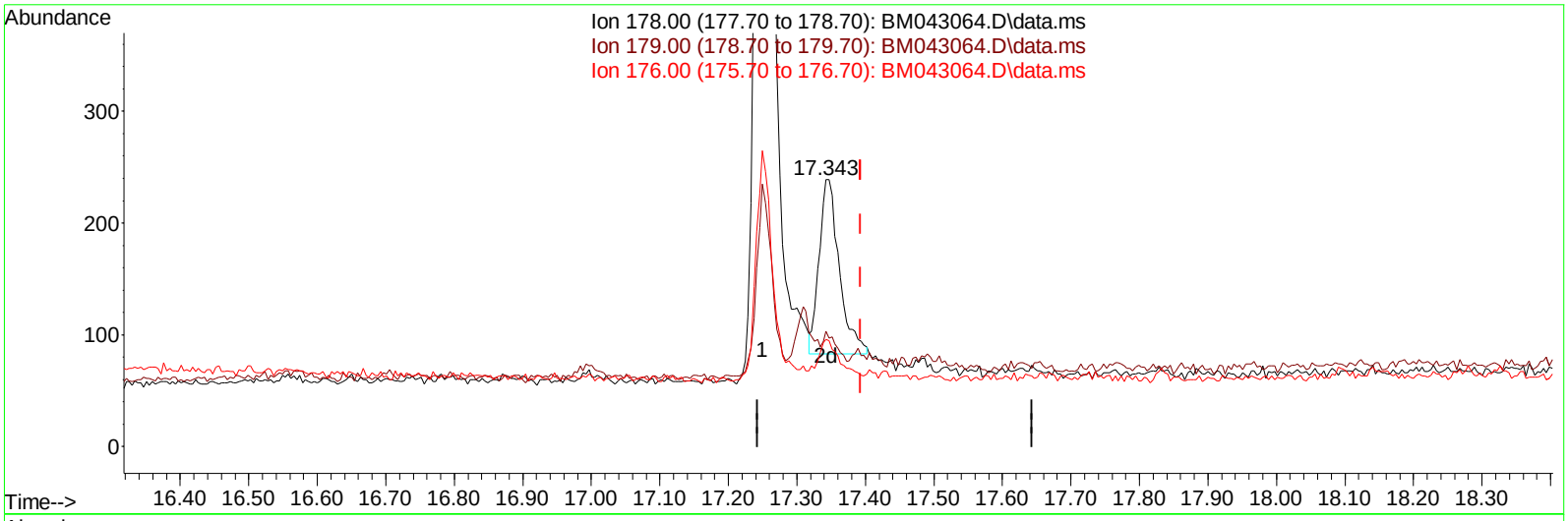

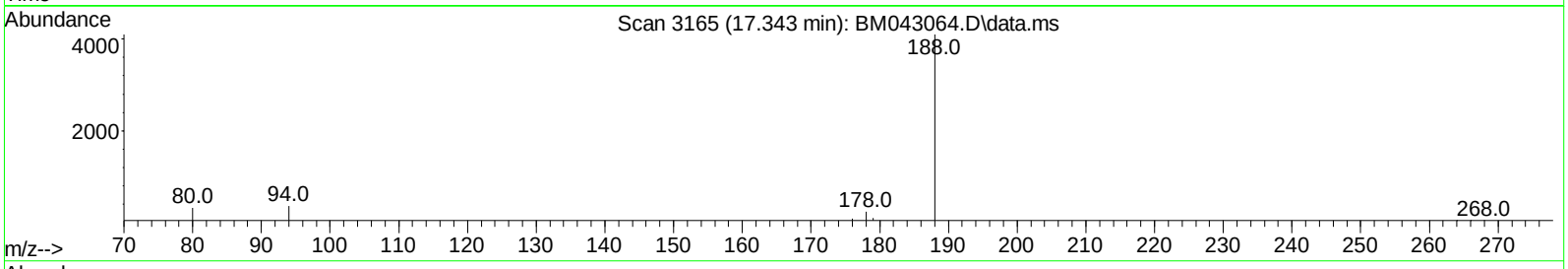

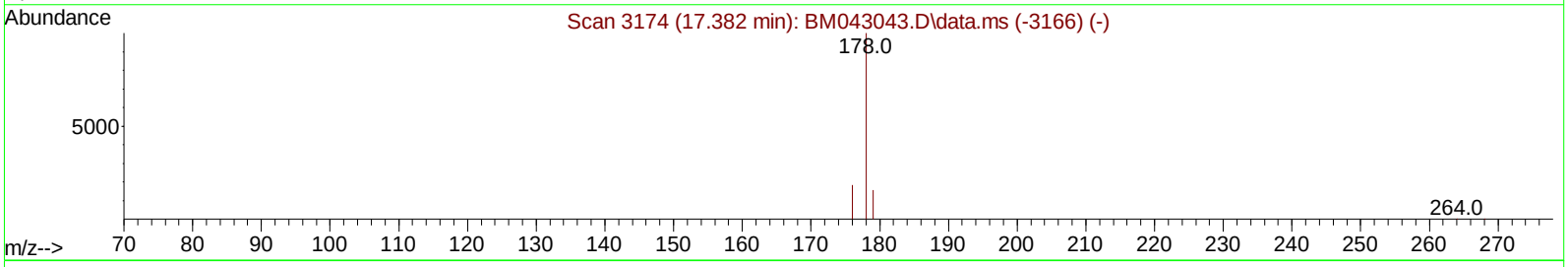

TIC: BM043064.D\data.ms

(16) Anthracene

17.343min (-0.050) 0.03 ng/ul m

response 319

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	21.60	43.10#
176.00	25.60	40.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043064.D
Acq On : 28 Nov 2023 00:15
Operator : MA/JU
Sample : 05416-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 28 01:13:23 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 : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AH4

Manual IntegrationsAPPROVED

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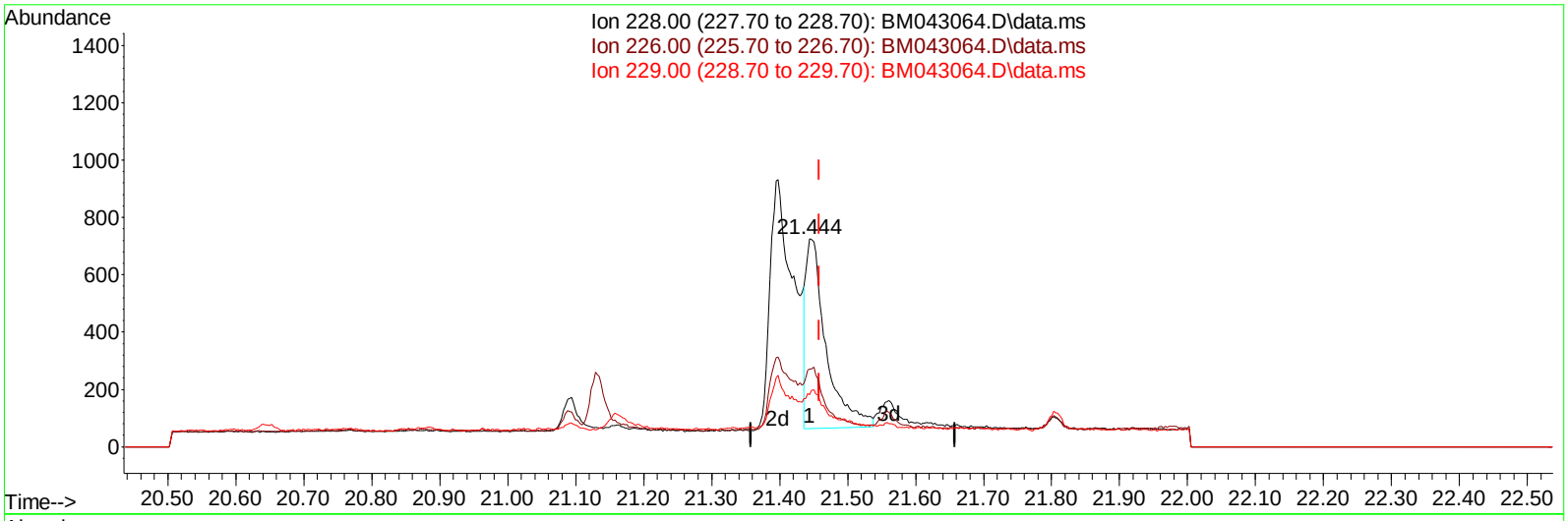

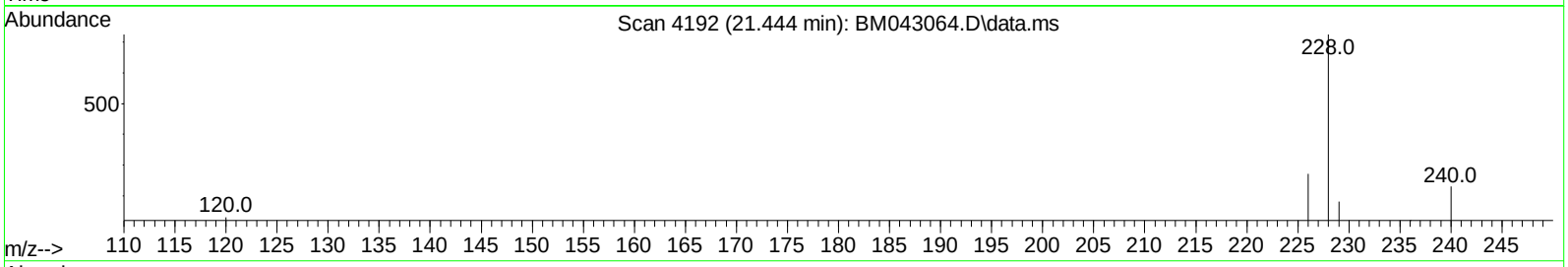

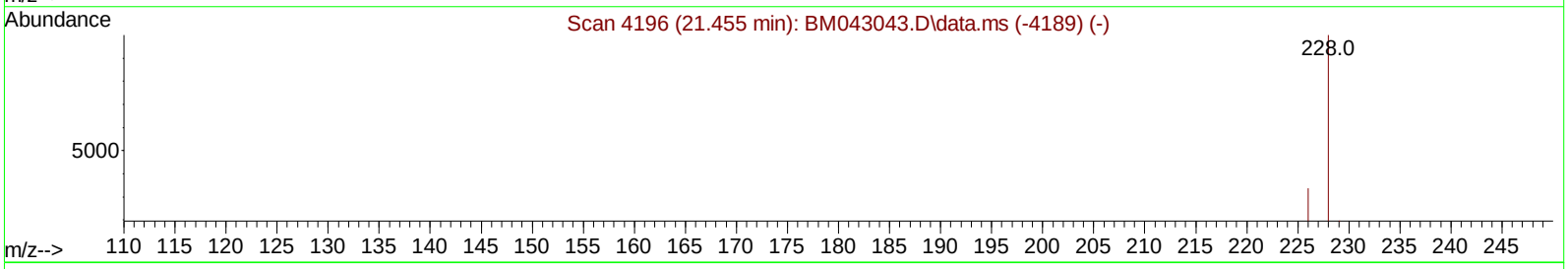

TIC: BM043064.D\data.ms

(22) Chrysene

21.444min (-0.014) 0.10 ng/ul

response 1366

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	34.00	37.52
229.00	22.50	24.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043064.D
Acq On : 28 Nov 2023 00:15
Operator : MA/JU
Sample : 05416-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

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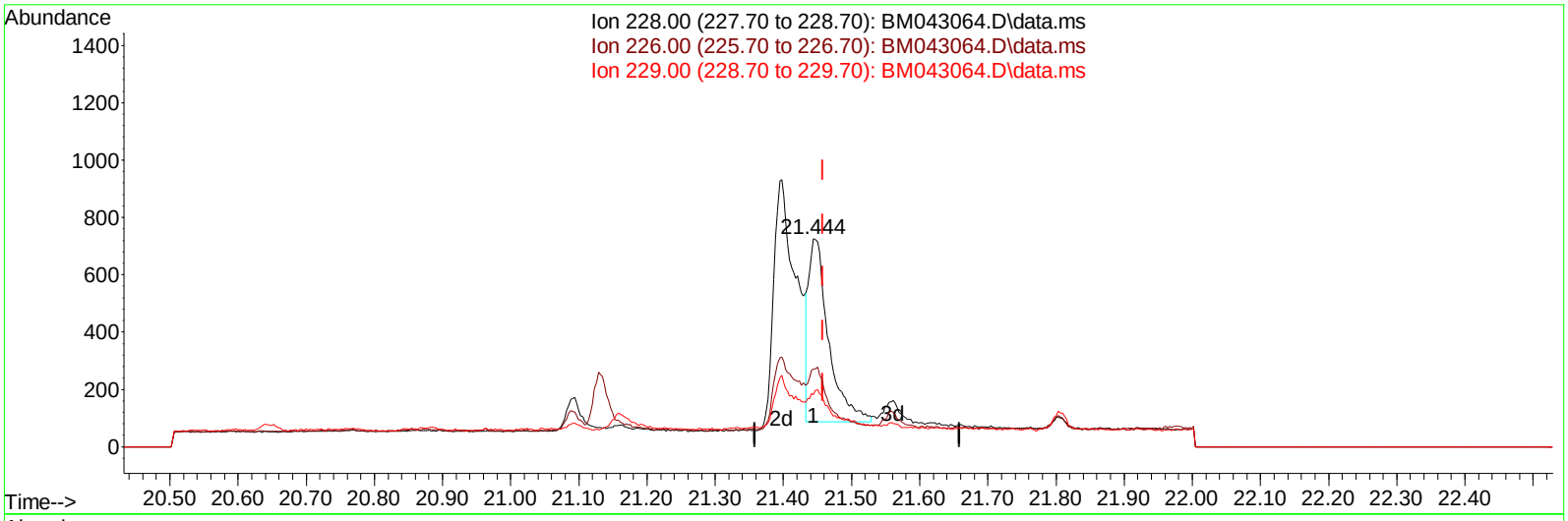

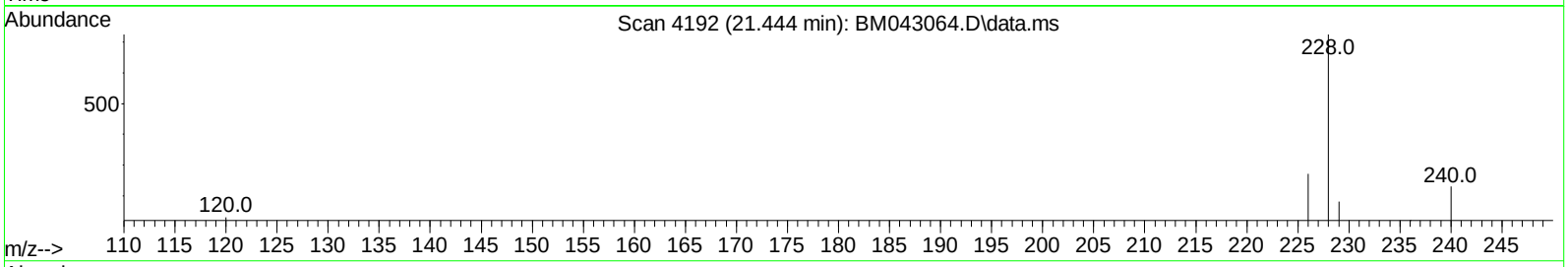

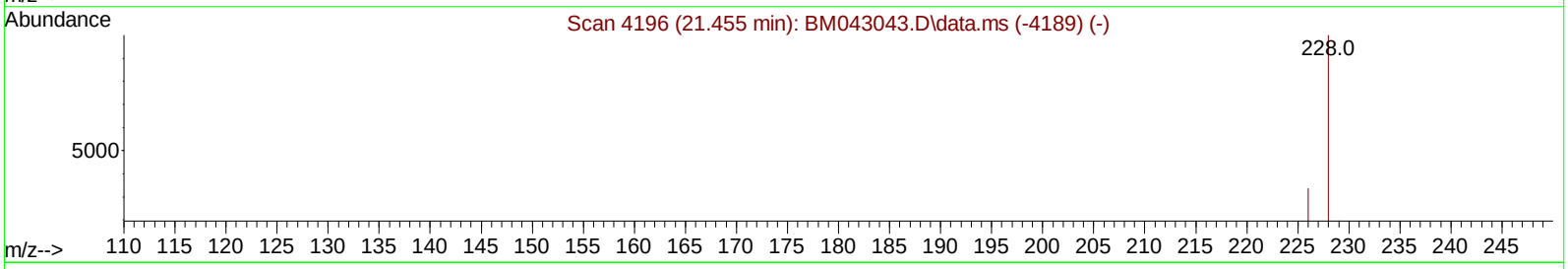

TIC: BM043064.D\data.ms

(22) Chrysene

21.444min (-0.014) 0.10 ng/ul m

response 1314

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	34.00	37.52
229.00	22.50	24.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
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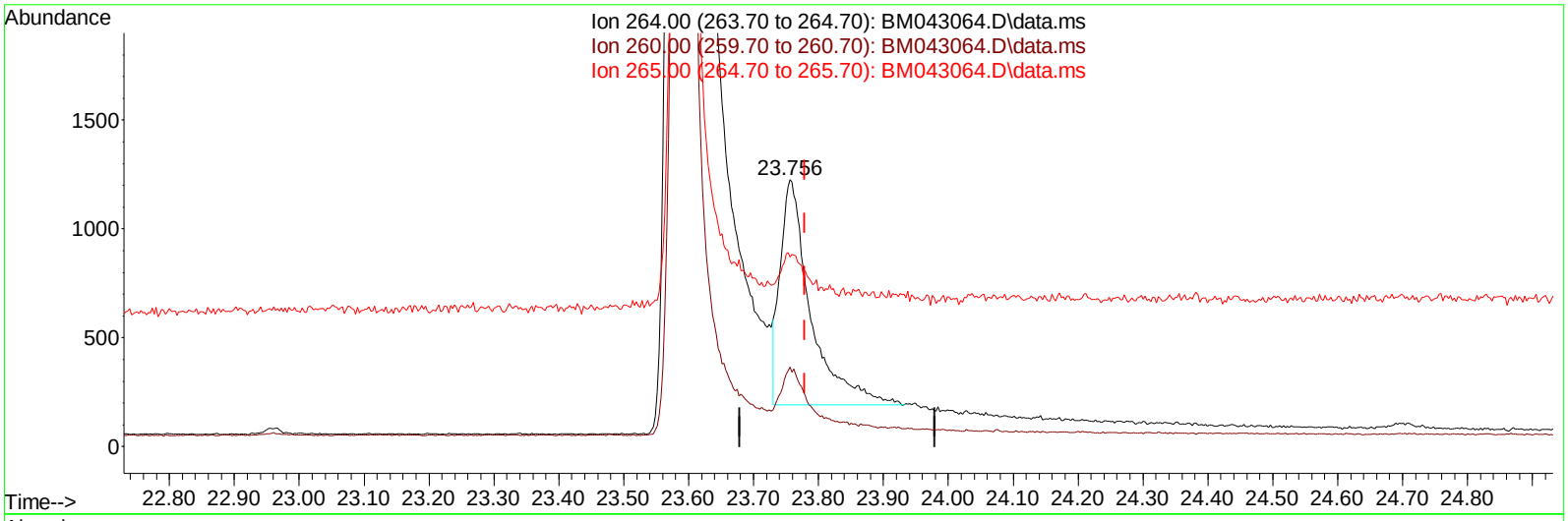

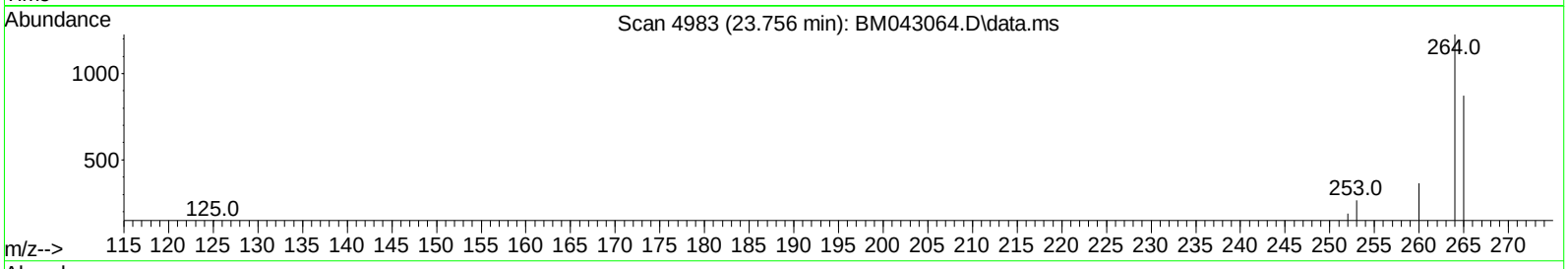

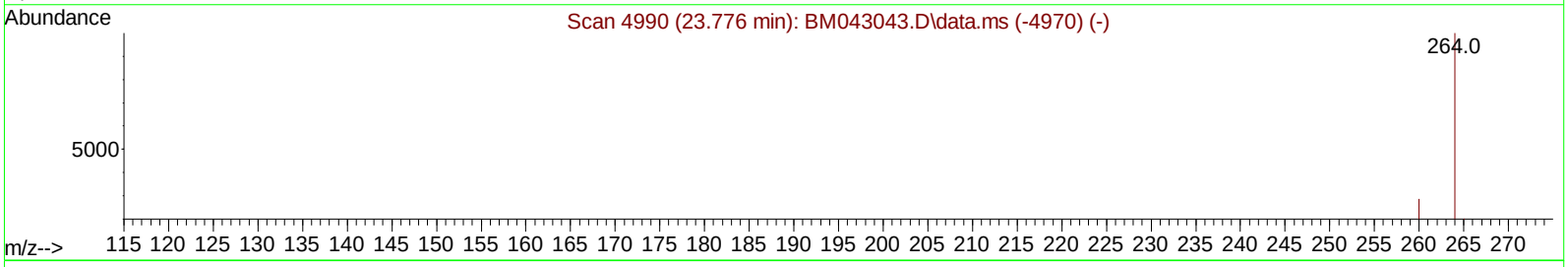

TIC: BM043064.D\data.ms

(23) Perylene-d12 (I)

23.756min (-0.023) 0.40 ng/ul

response 3390

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.77
265.00	120.30	71.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
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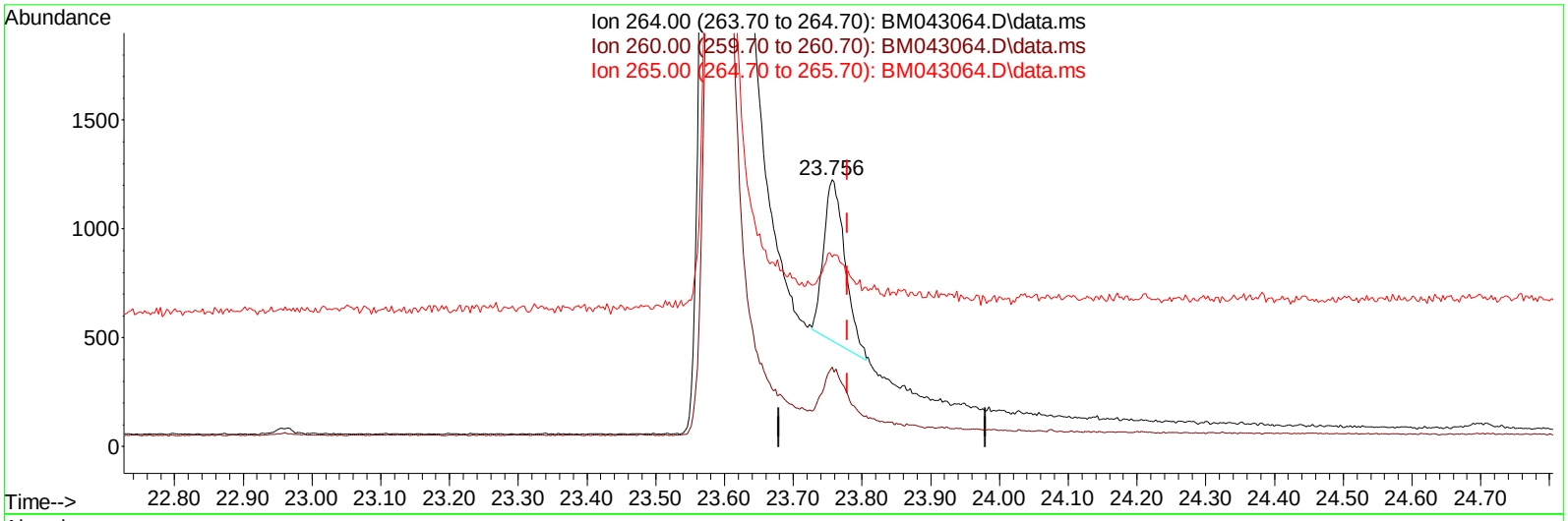

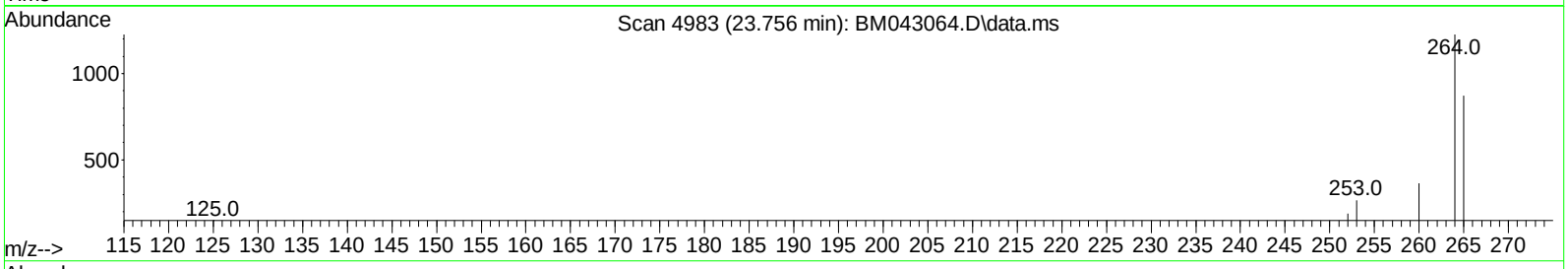

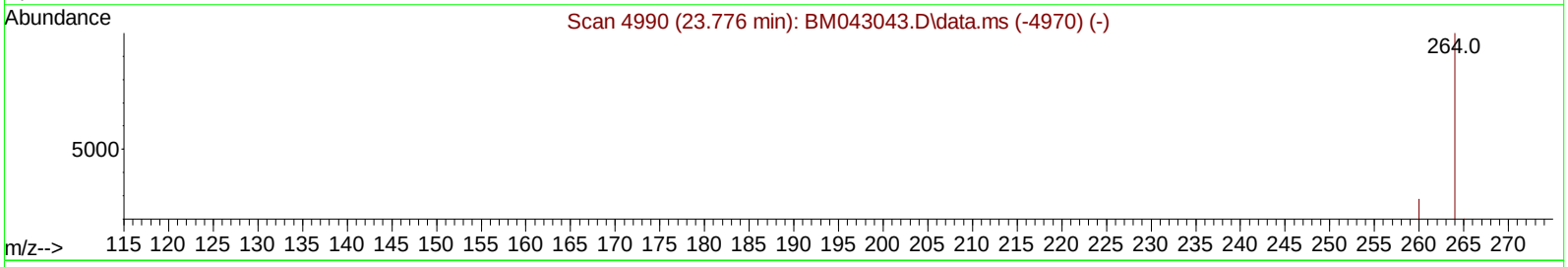

TIC: BM043064.D\data.ms

(23) Perylene-d12 (I)

23.756min (-0.023) 0.40 ng/ul m

response 1600

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	29.77
265.00	120.30	71.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
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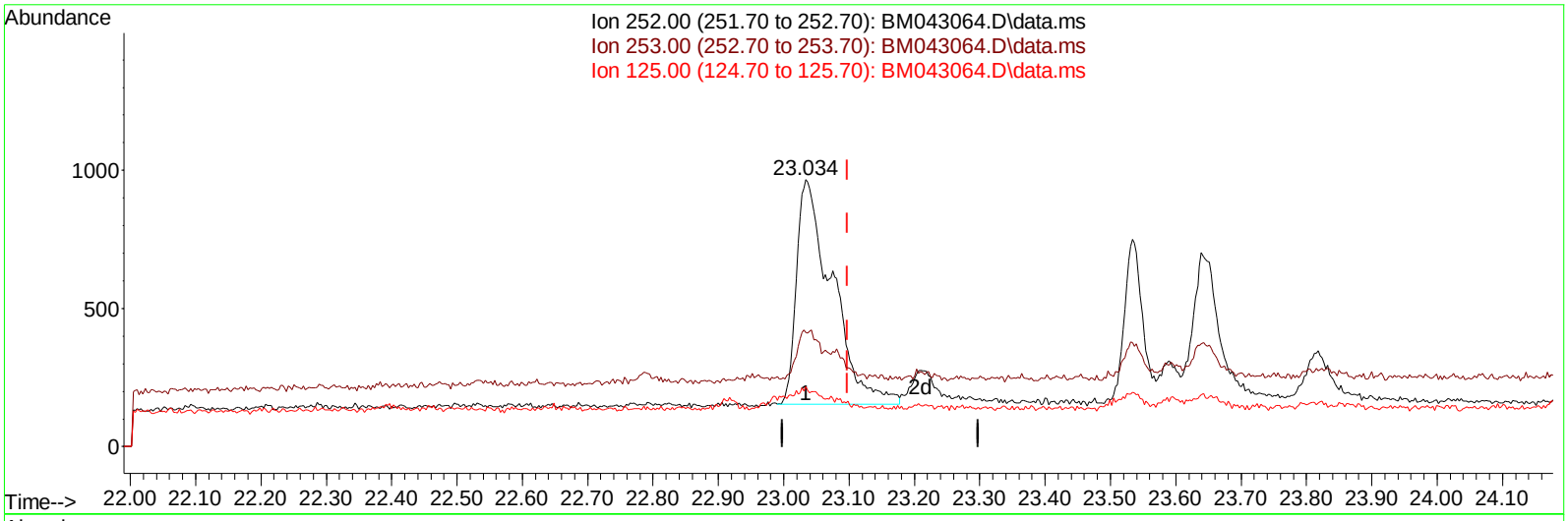
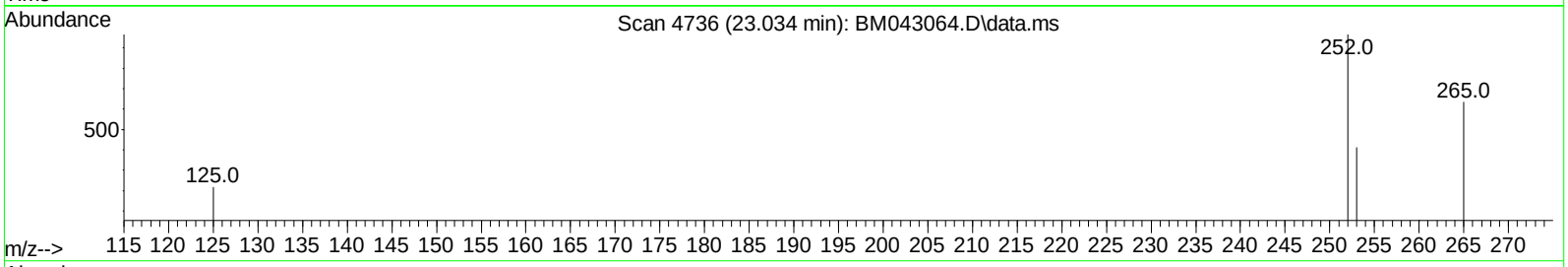
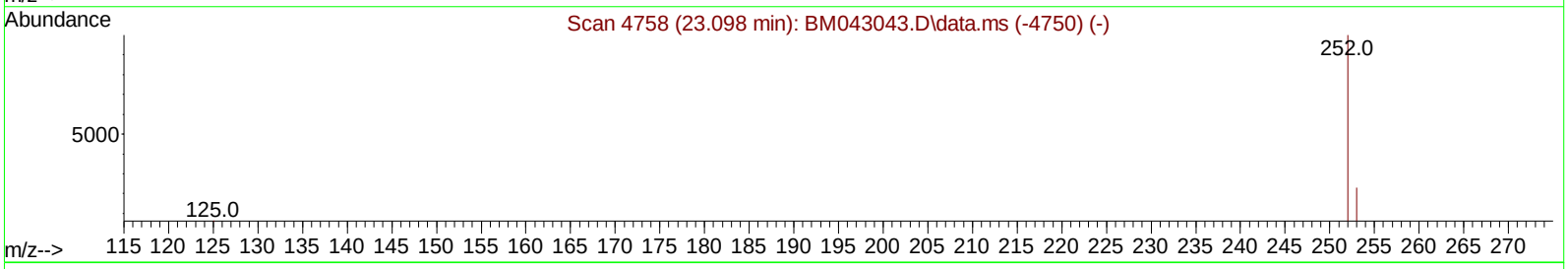






TIC: BM043064.D\data.ms

(25) Benzo(k)fluoranthene

23.034min (-0.064) 0.41 ng/ul

response 3071

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	42.75#
125.00	13.80	22.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

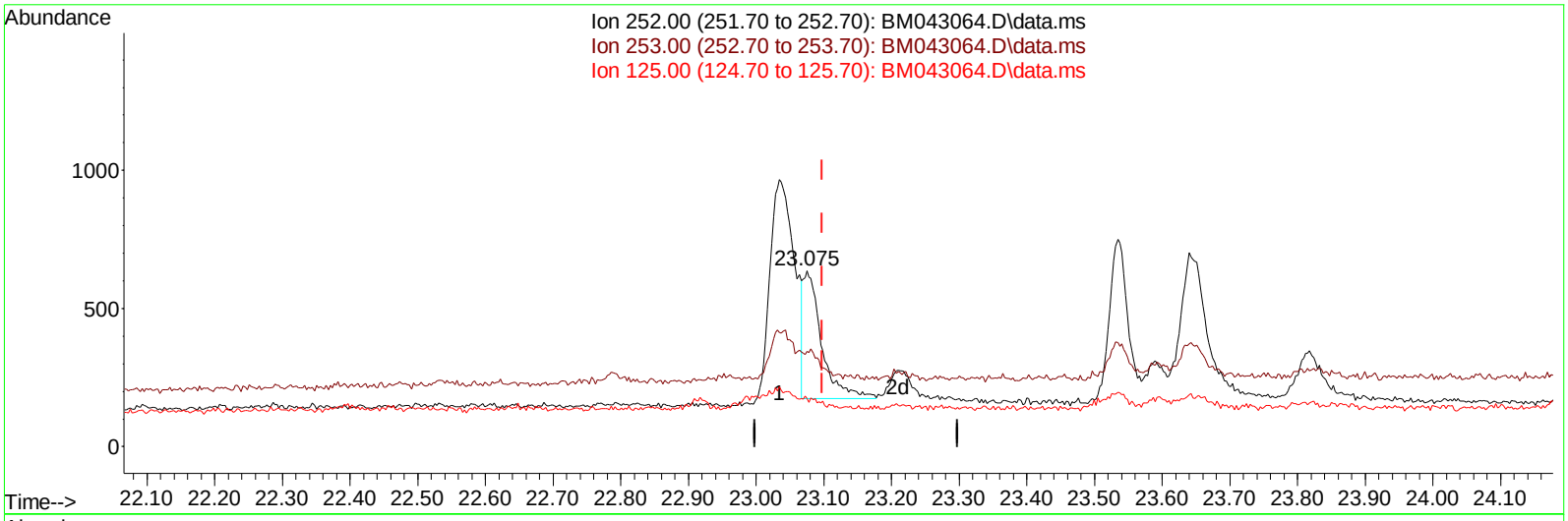
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043064.D
Acq On : 28 Nov 2023 00:15
Operator : MA/JU
Sample : 05416-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

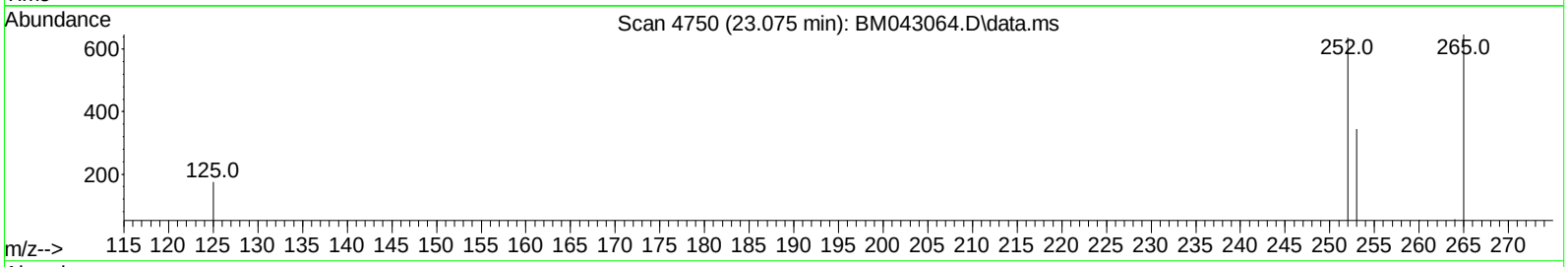
Quant Time: Nov 28 01:13:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

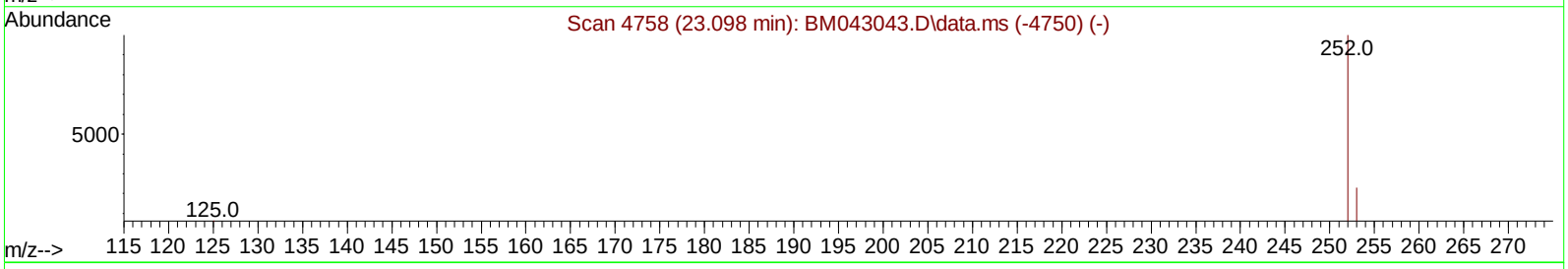
Instrument :
BNA_M
ClientSampleId :
C0AH4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023







TIC: BM043064.D\data.ms

(25) Benzo(k)fluoranthene

23.075min (-0.023) 0.12 ng/ul m

response 885

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	54.16#
125.00	13.80	27.47#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043064.D
Acq On : 28 Nov 2023 00:15
Operator : MA/JU
Sample : 05416-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 28 01:13:23 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 : Mon Nov 27 02:36:19 2023
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Instrument :
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.813	152	905m	0.400 ng/ul	-0.07
4) Naphthalene-d8	10.611	136	2783	0.400 ng/ul	#-0.04
9) Acenaphthene-d10	14.455	164	1744m	0.400 ng/ul	-0.01
13) Phenanthrene-d10	17.212	188	3640	0.400 ng/ul	#-0.03
17) Chrysene-d12	21.409	240	2178	0.400 ng/ul	-0.01
23) Perylene-d12	23.756	264	1600m	0.400 ng/ul	-0.02
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.160	96	1320	0.951 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	351	0.094 ng/ul	-0.02
18) Fluoranthene-d10	19.243	212	852	0.107 ng/ul	-0.02
Target Compounds					Qvalue
5) Naphthalene	10.666	128	401	0.053 ng/ul#	73
7) 2-Methylnaphthalene	12.305	142	398	0.089 ng/ul	91
8) 1-Methylnaphthalene	12.514	142	295	0.059 ng/ul	95
10) Acenaphthylene	14.182	152	229	0.026 ng/ul#	48
15) Phenanthrene	17.250	178	1863	0.179 ng/ul	98
16) Anthracene	17.343	178	319m	0.032 ng/ul	
19) Fluoranthene	19.270	202	7173	0.581 ng/ul#	93
20) Pyrene	19.633	202	5955	0.454 ng/ul	98
21) Benzo(a)anthracene	21.397	228	1998	0.283 ng/ul	95
22) Chrysene	21.444	228	1314m	0.100 ng/ul	
24) Benzo(b)fluoranthene	23.034	252	2053	0.380 ng/ul	86
25) Benzo(k)fluoranthene	23.075	252	885m	0.119 ng/ul	
26) Benzo(a)pyrene	23.639	252	1397	0.237 ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.232	276	1140	0.143 ng/ul#	100
29) Benzo(g,h,i)perylene	26.997	276	1118	0.144 ng/ul#	78

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

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