Quantitation Report (Qedit)

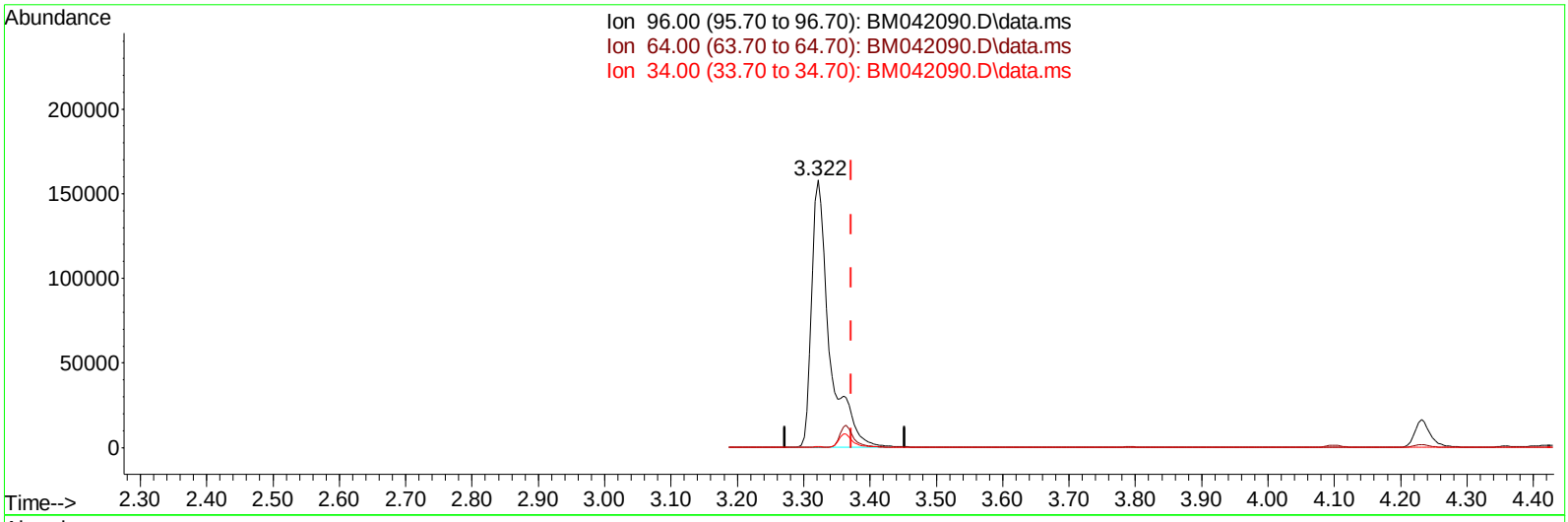
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092723\
Data File : BM042090.D
Acq On : 27 Sep 2023 19:00
Operator : MA/JU
Sample : 04450-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

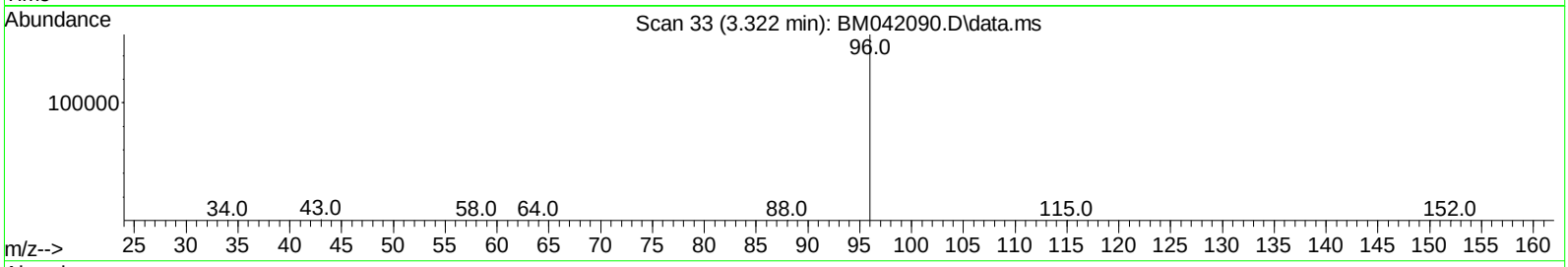
Quant Time: Sep 28 01:03:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

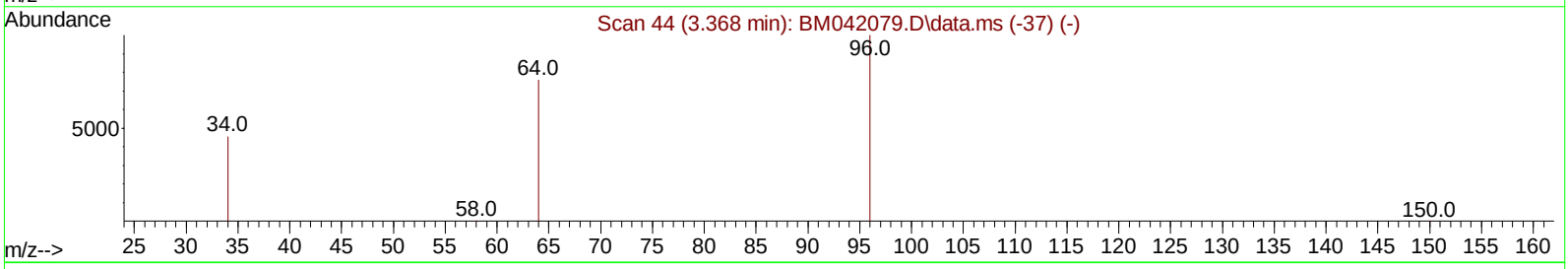
Instrument :
BNA_M
ClientSampleId :
BBBN0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023







TIC: BM042090.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.322min (-0.050) 58.49 ng/ul

response 296359

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.40	0.15#
34.00	53.00	0.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

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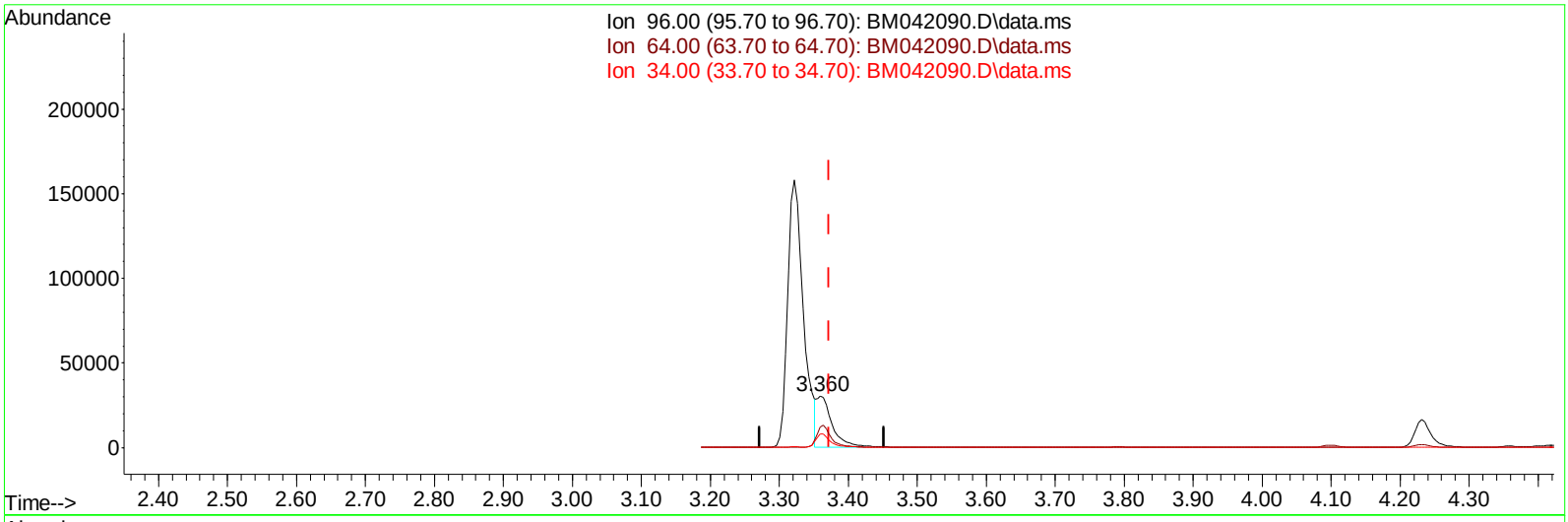

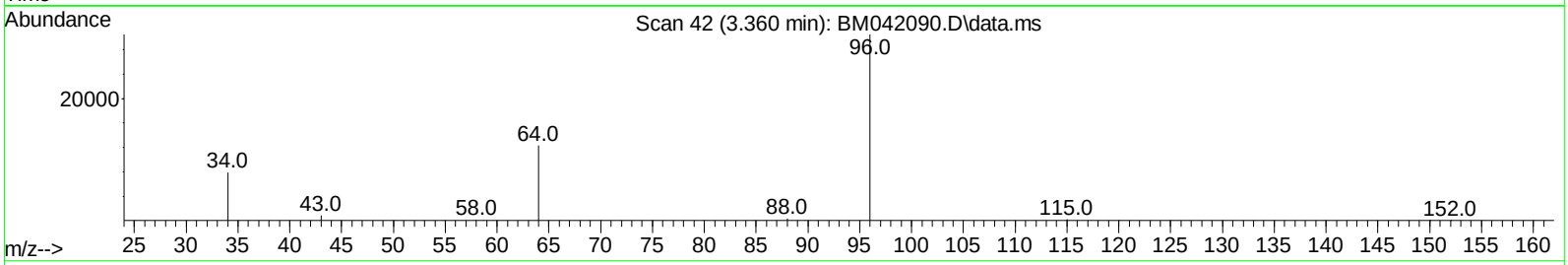

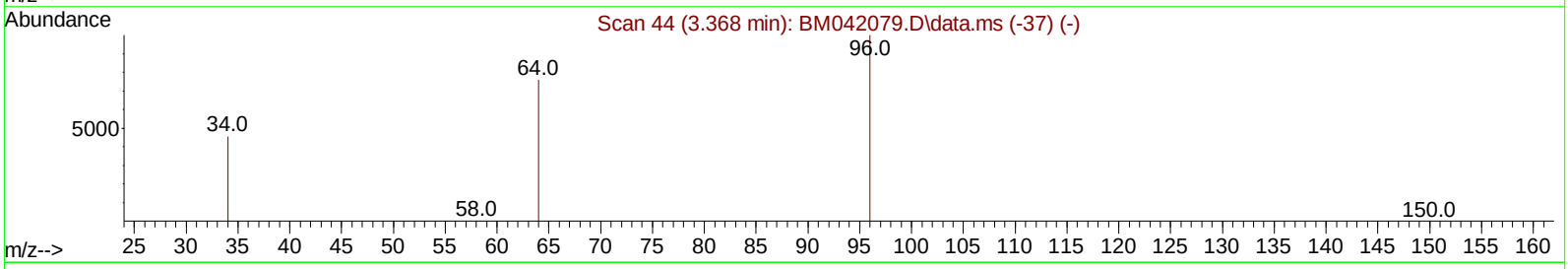

TIC: BM042090.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.360min (-0.013) 9.12 ng/ul m

response 46189

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.40	40.44#
34.00	53.00	26.14#
0.00	0.00	0.00

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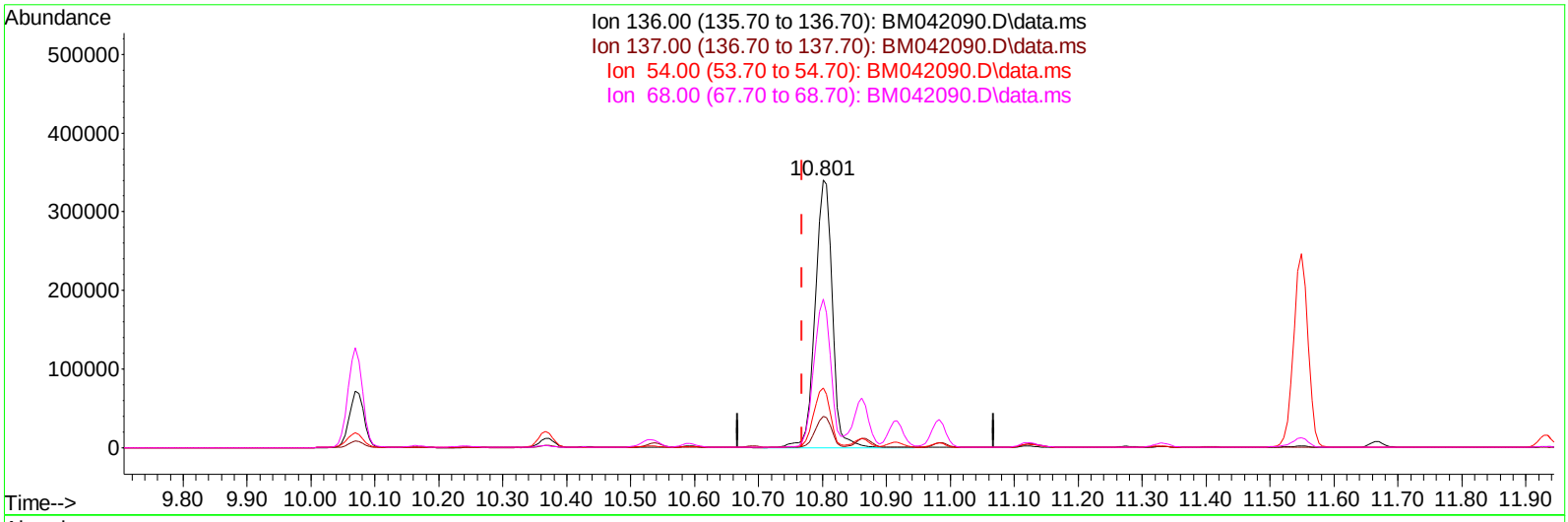

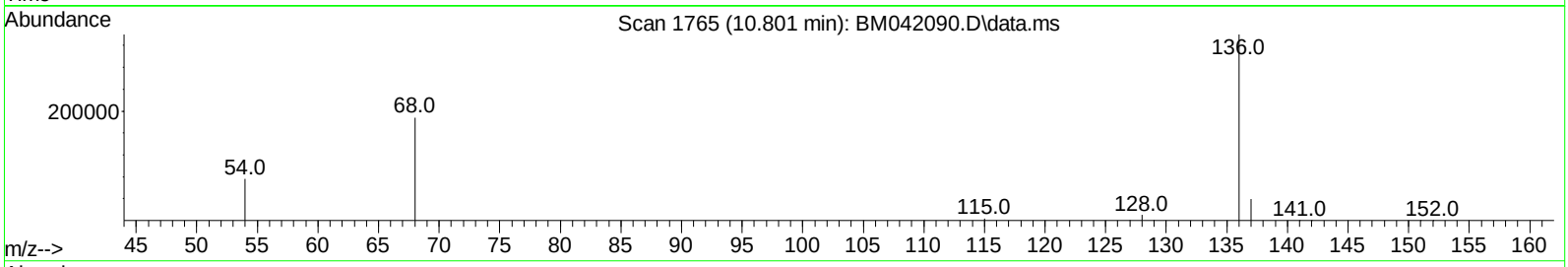

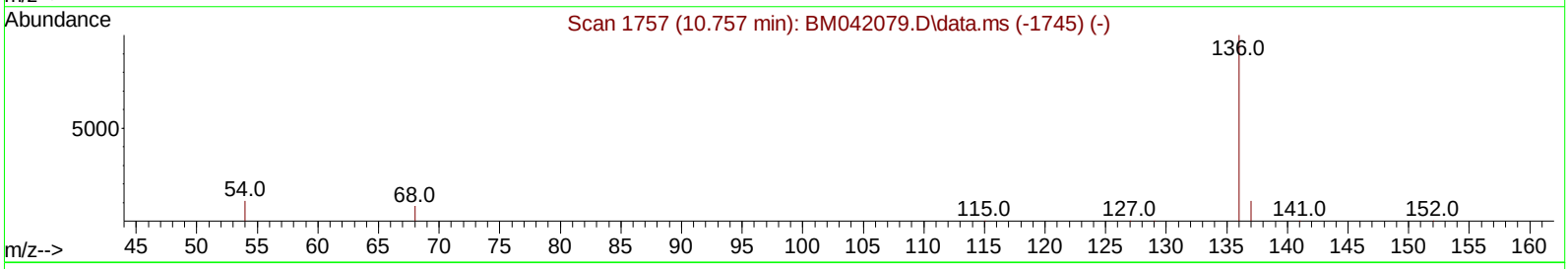

TIC: BM042090.D\data.ms

(4) Naphthalene-d8 (I)

10.801min (+ 0.033) 0.40 ng/ul

response 633600

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.40	11.71
54.00	13.20	22.37#
68.00	9.70	55.44#

Quantitation Report (Qedit)

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Operator : MA/JU
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Misc :
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Quant Time: Sep 28 01:03:41 2023
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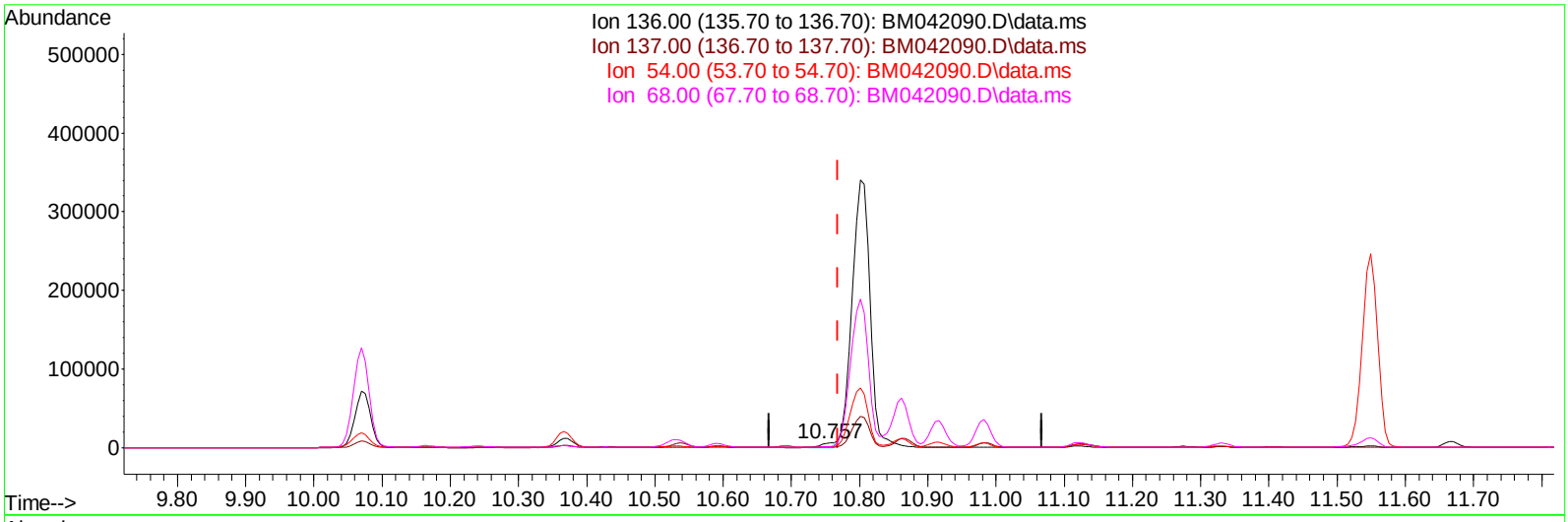

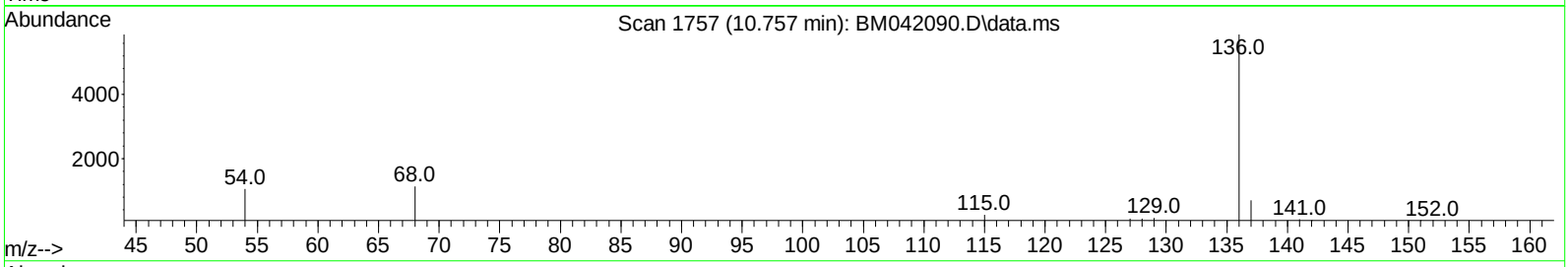

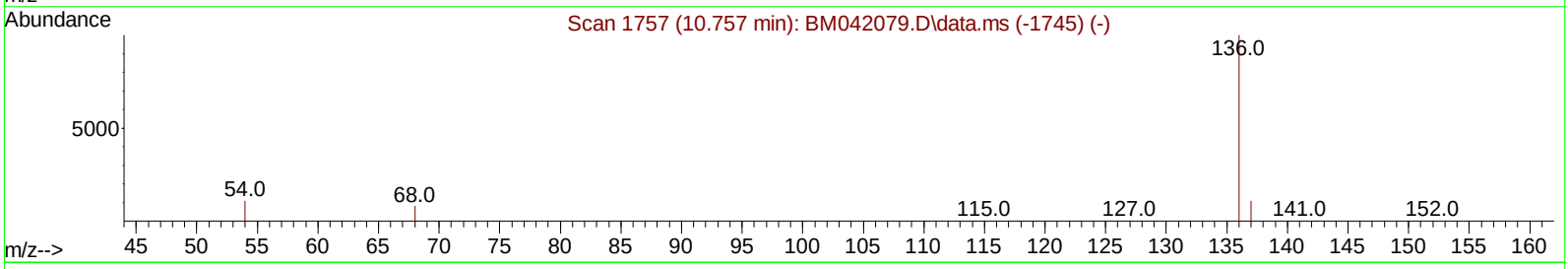

TIC: BM042090.D\data.ms

(4) Naphthalene-d8 (I)

10.757min (-0.011) 0.40 ng/ul m

response 8437

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.40	12.09
54.00	13.20	18.14#
68.00	9.70	19.31#

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092723\
Data File : BM042090.D
Acq On : 27 Sep 2023 19:00
Operator : MA/JU
Sample : 04450-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 28 01:03:41 2023
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BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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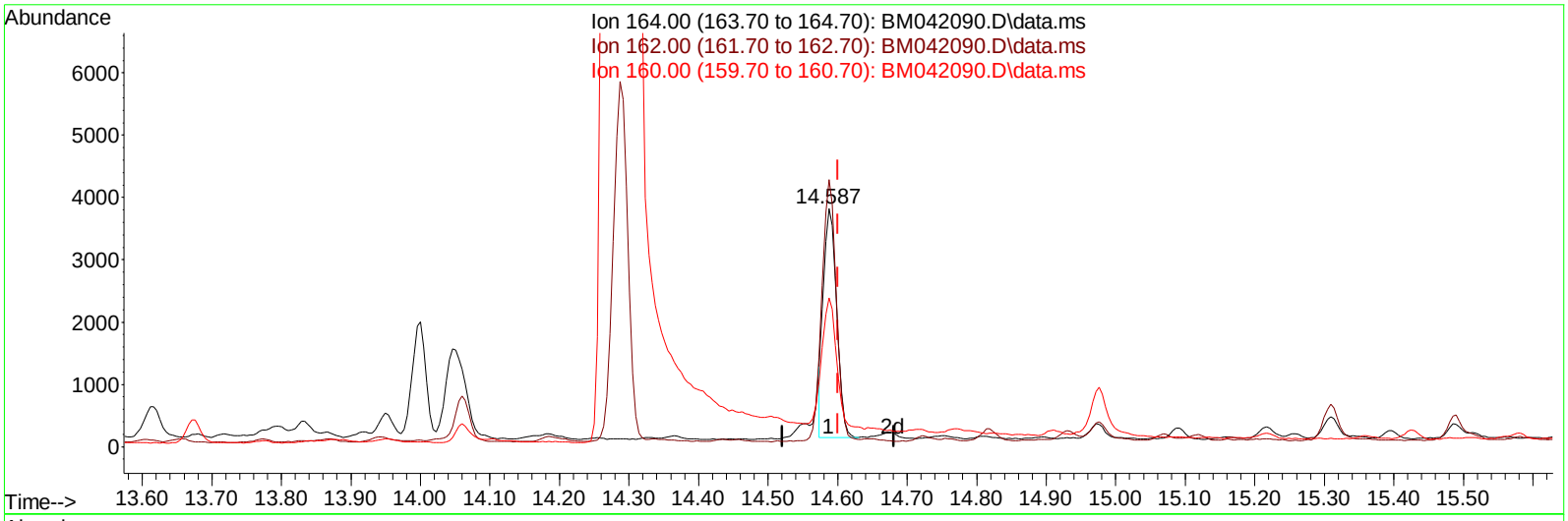

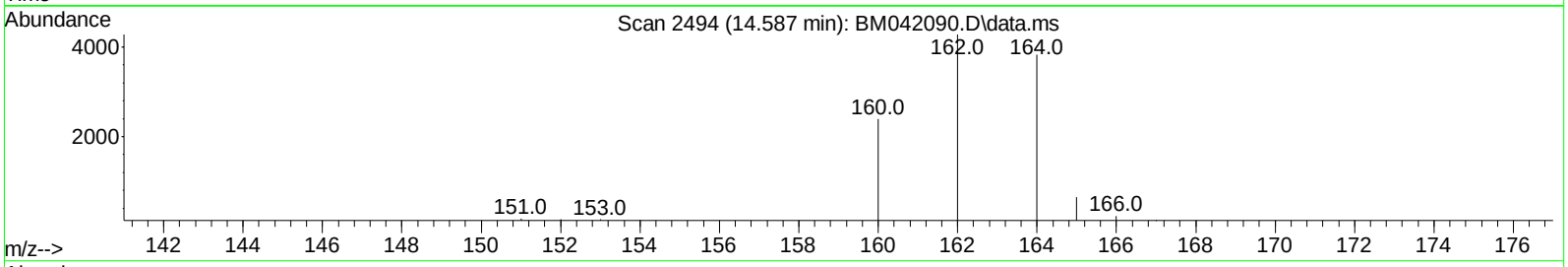

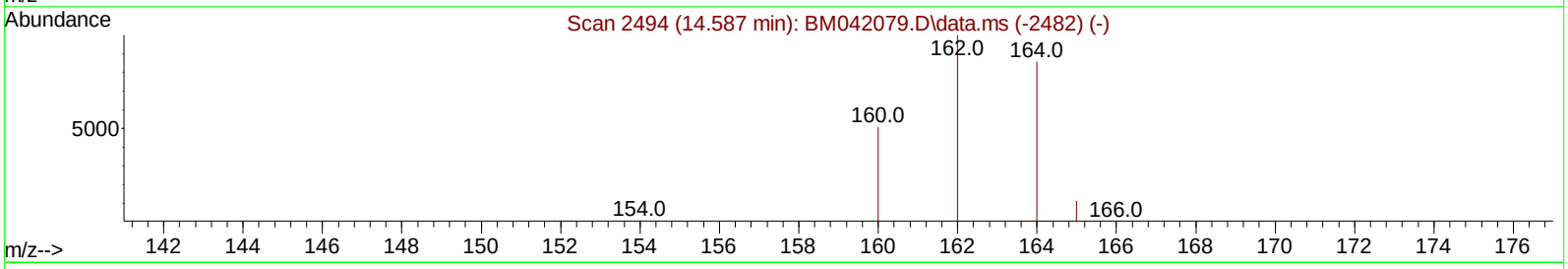

TIC: BM042090.D\data.ms

(9) Acenaphthene-d10 (I)

14.587min (-0.014) 0.40 ng/ul

response 4824

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	115.20	111.92
160.00	59.20	62.50
0.00	0.00	0.00

Quantitation Report (Qedit)

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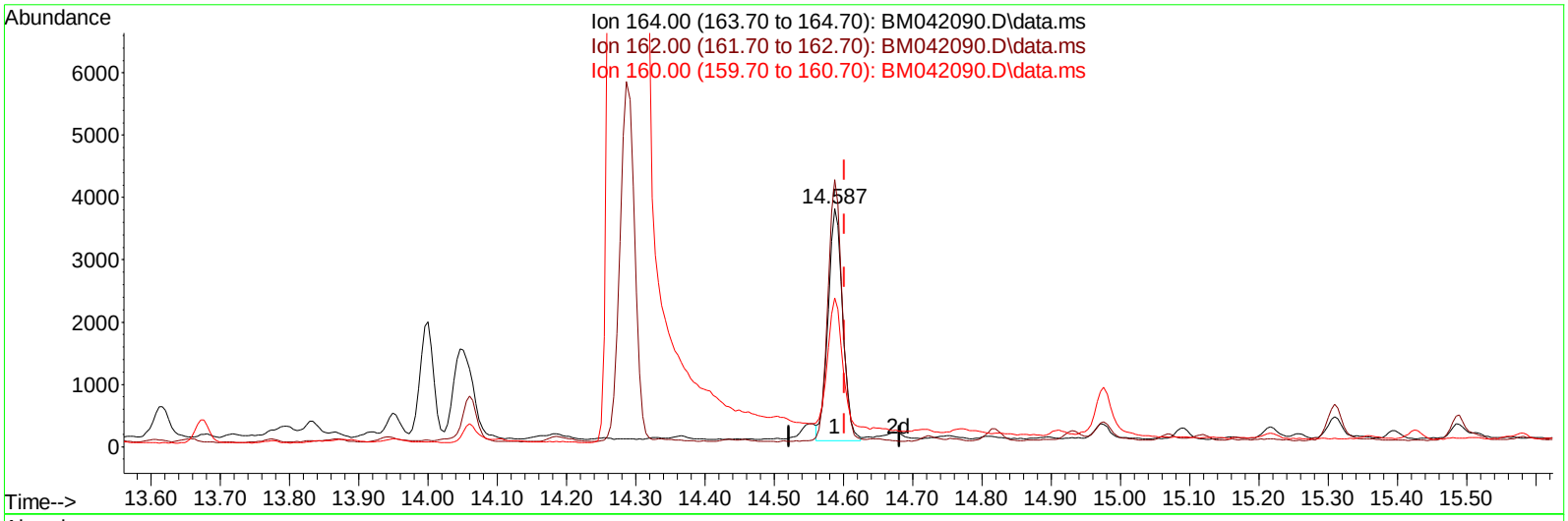

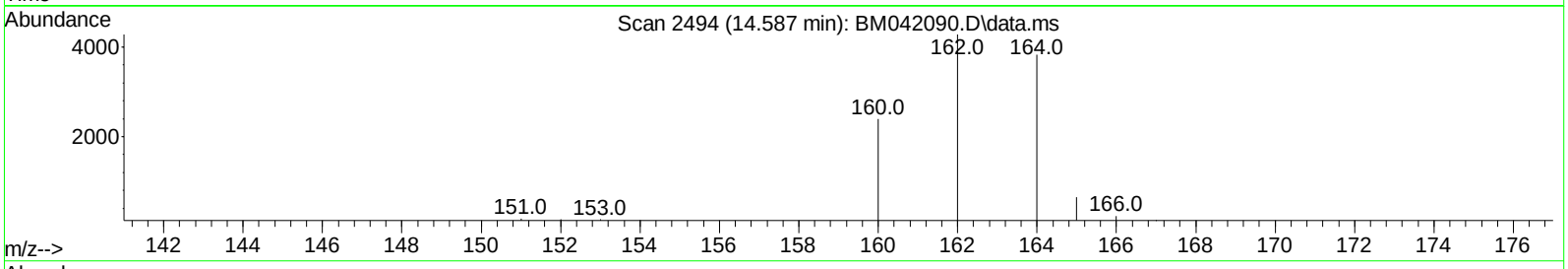

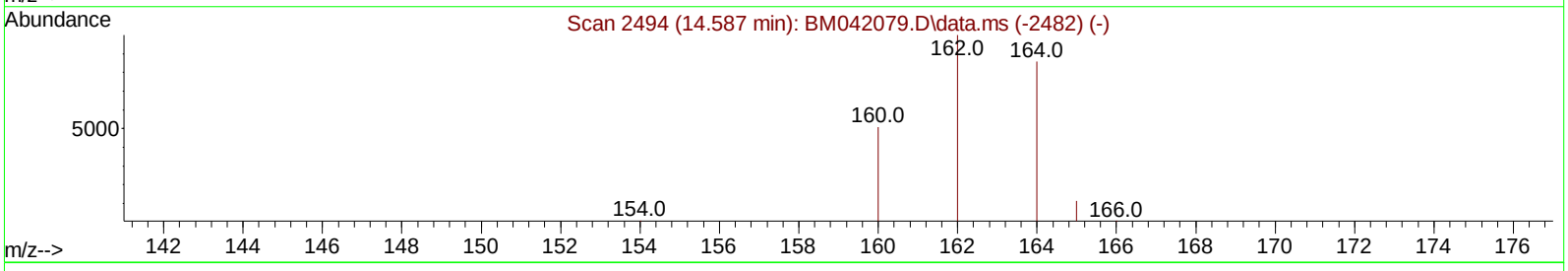

TIC: BM042090.D\data.ms

(9) Acenaphthene-d10 (I)

14.587min (-0.014) 0.40 ng/ul m

response 5516

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	115.20	111.92
160.00	59.20	62.50
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092723\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	3718	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.757	136	8437m	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.587	164	5516m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.341	188	11359	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.518	240	6632	0.400	ng/ul	0.00
23) Perylene-d12	23.924	264	7086	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	46189m	9.117	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.341	152	5452	0.516	ng/ul	-0.01
18) Fluoranthene-d10	19.362	212	10857	0.398	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.402	88	1063	0.199	ng/ul#	54
5) Naphthalene	10.807	128	19764	0.699	ng/ul	98
7) 2-Methylnaphthalene	12.412	142	1575	0.093	ng/ul	93
8) 1-Methylnaphthalene	12.632	142	1253	0.073	ng/ul	94
14) Pentachlorophenol	16.970	266	5099	0.849	ng/ul	99

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

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