Quantitation Report (Qedit)

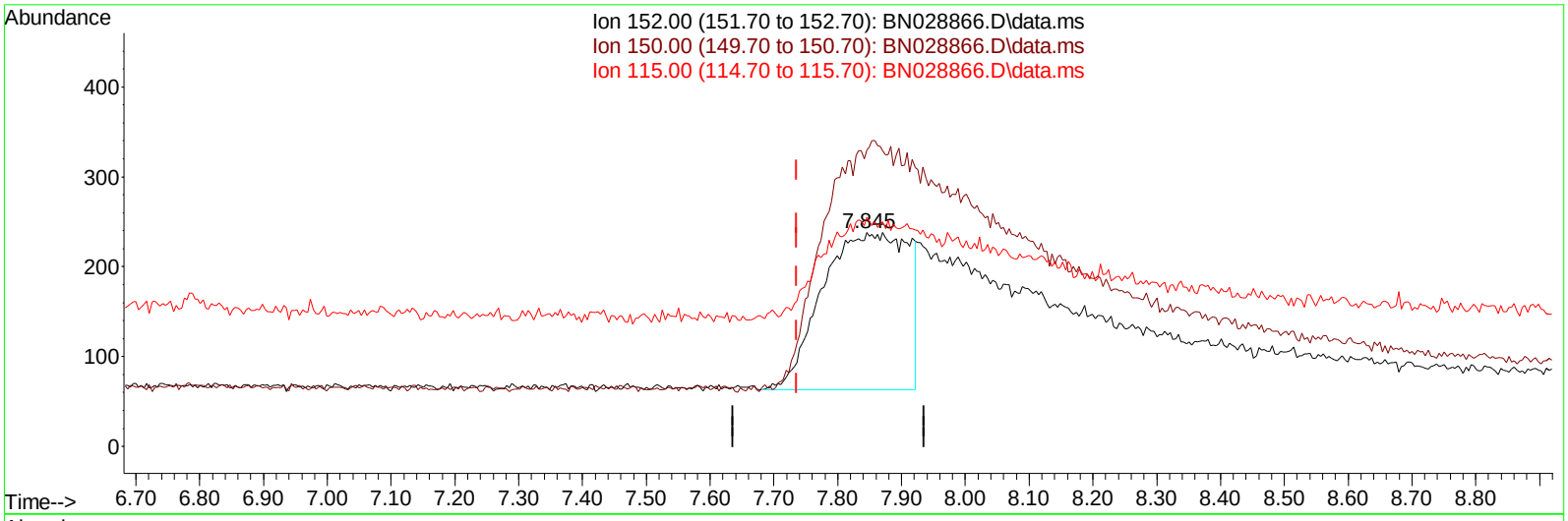
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028866.D
Acq On : 24 Nov 2023 20:00
Operator : MA/JU
Sample : PB157190BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

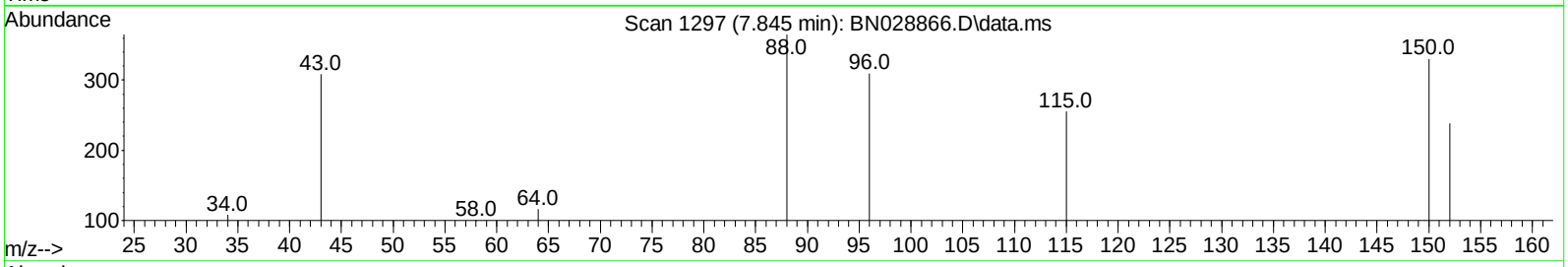
Quant Time: Nov 25 01:03:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

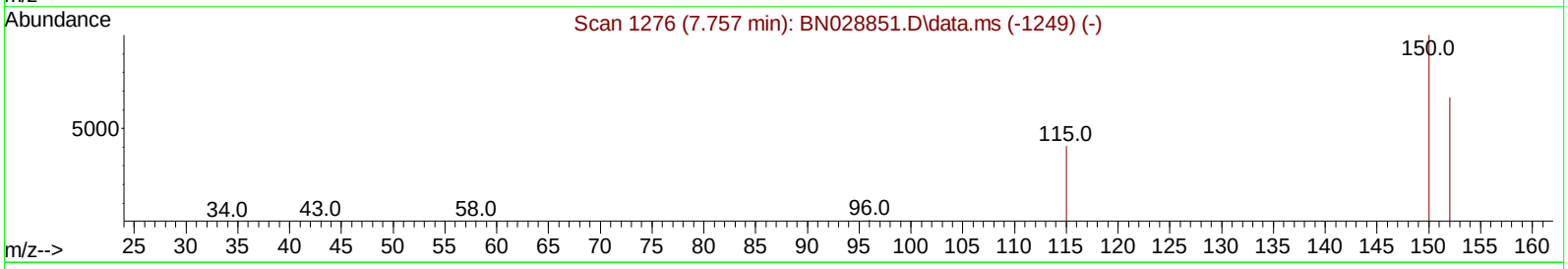
Instrument :
BNA_N
ClientSampleId :
SLCS190

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023







TIC: BN028866.D\data.ms

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

7.845min (+ 0.109) 0.40 ng/ul

response 1630

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	138.66
115.00	62.20	107.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028866.D
Acq On : 24 Nov 2023 20:00
Operator : MA/JU
Sample : PB157190BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 25 01:03:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
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Instrument :
BNA_N
ClientSampleId :
SLCS190

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2023
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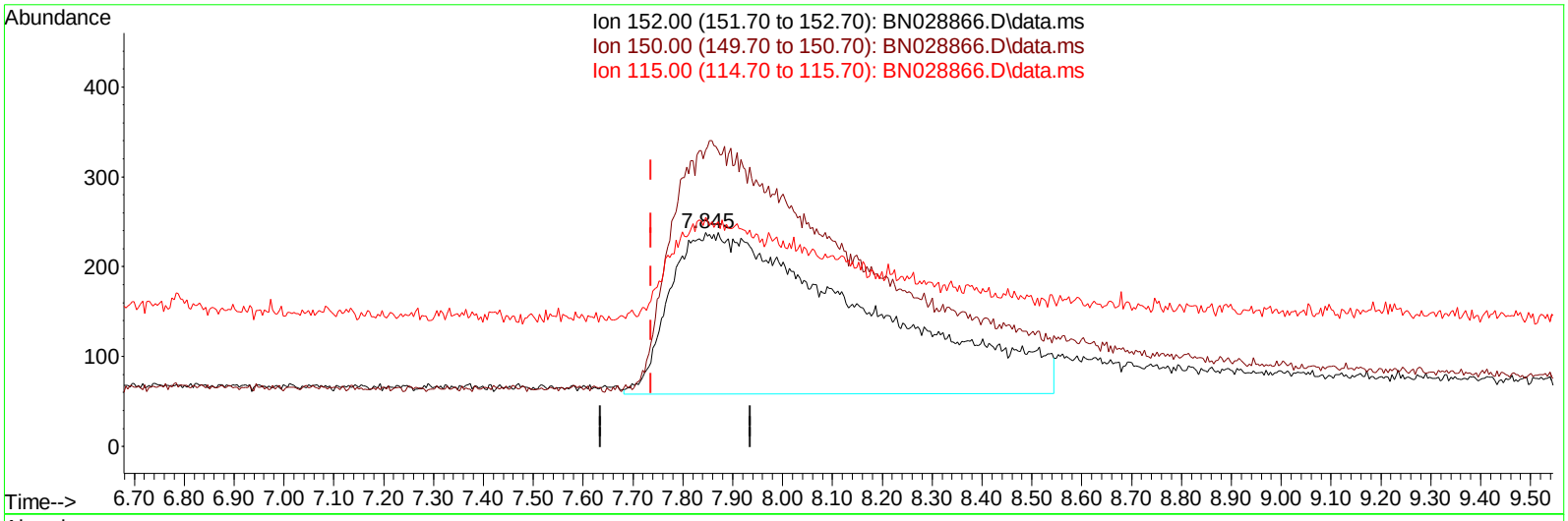

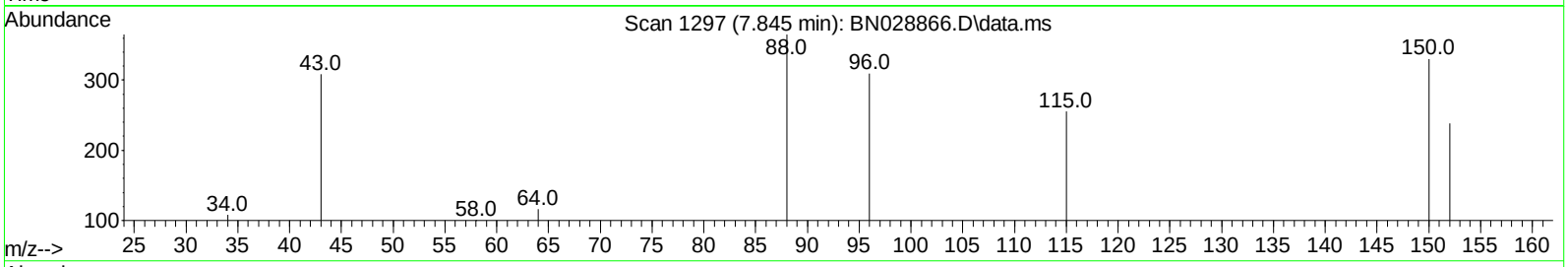

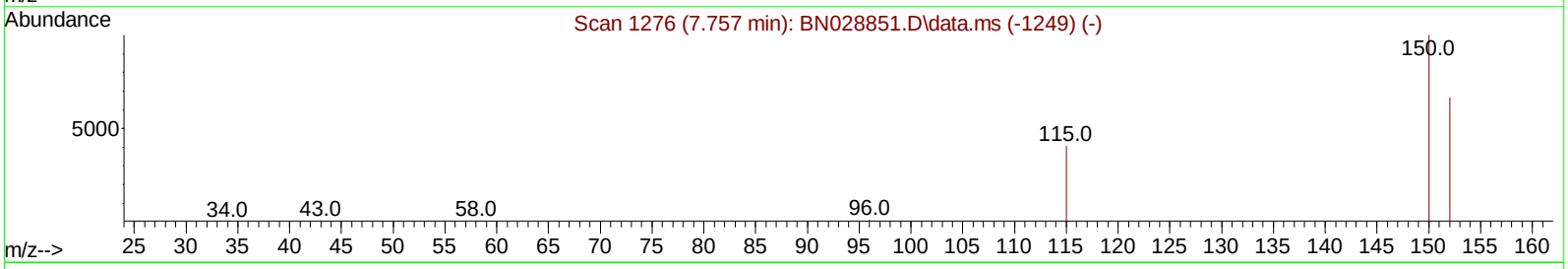

TIC: BN028866.D\data.ms

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

7.845min (+ 0.109) 0.40 ng/ul m

response 4980

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	138.66
115.00	62.20	107.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
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Acq On : 24 Nov 2023 20:00
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Sample : PB157190BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 25 01:03:29 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
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BNA_N
ClientSampleId :
SLCS190

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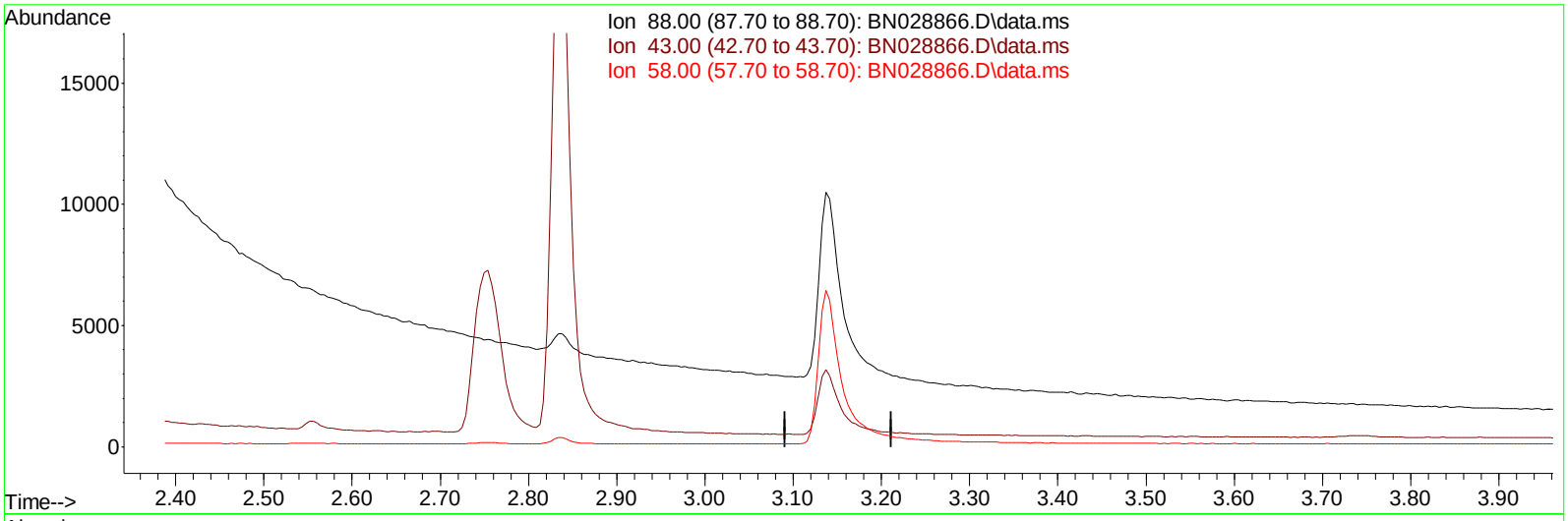

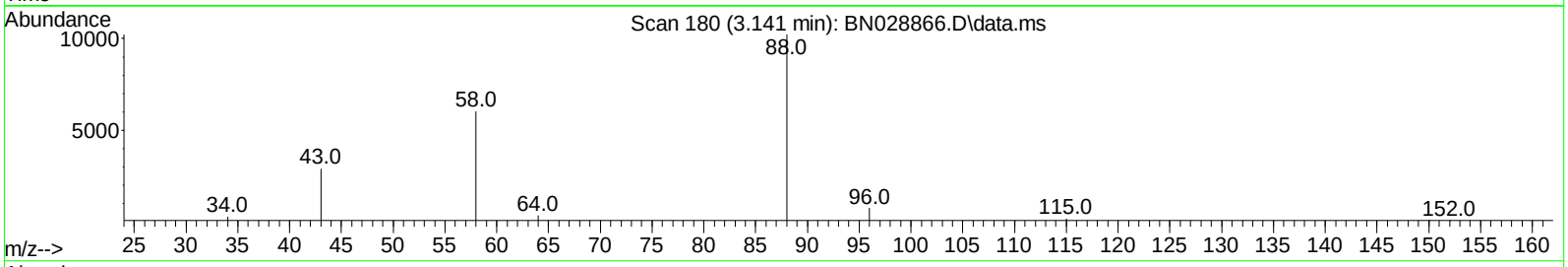

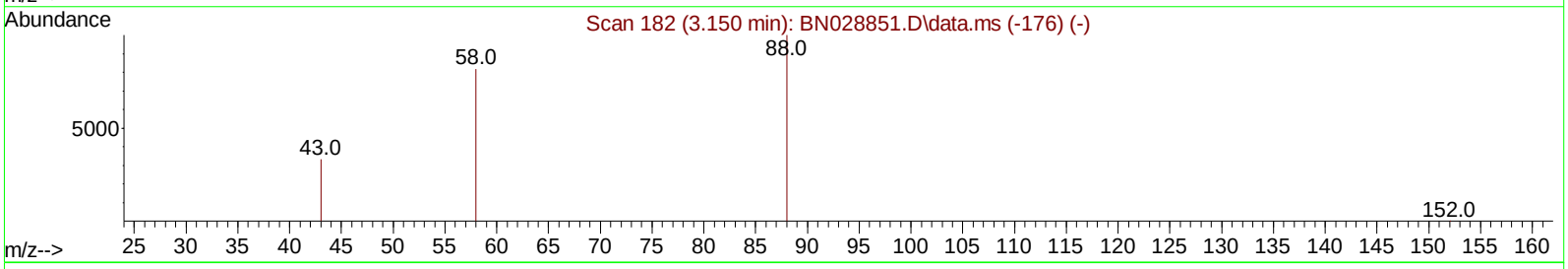

TIC: BN028866.D\data.ms

(2) 1,4-Dioxane

3.141min (-3.141) 0.00 ng/ul

response 0

Ion	Exp%	Act%
88.00	100.00	0.00
43.00	41.10	0.00#
58.00	52.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
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Acq On : 24 Nov 2023 20:00
Operator : MA/JU
Sample : PB157190BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 25 01:03:29 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS190

Manual IntegrationsAPPROVED

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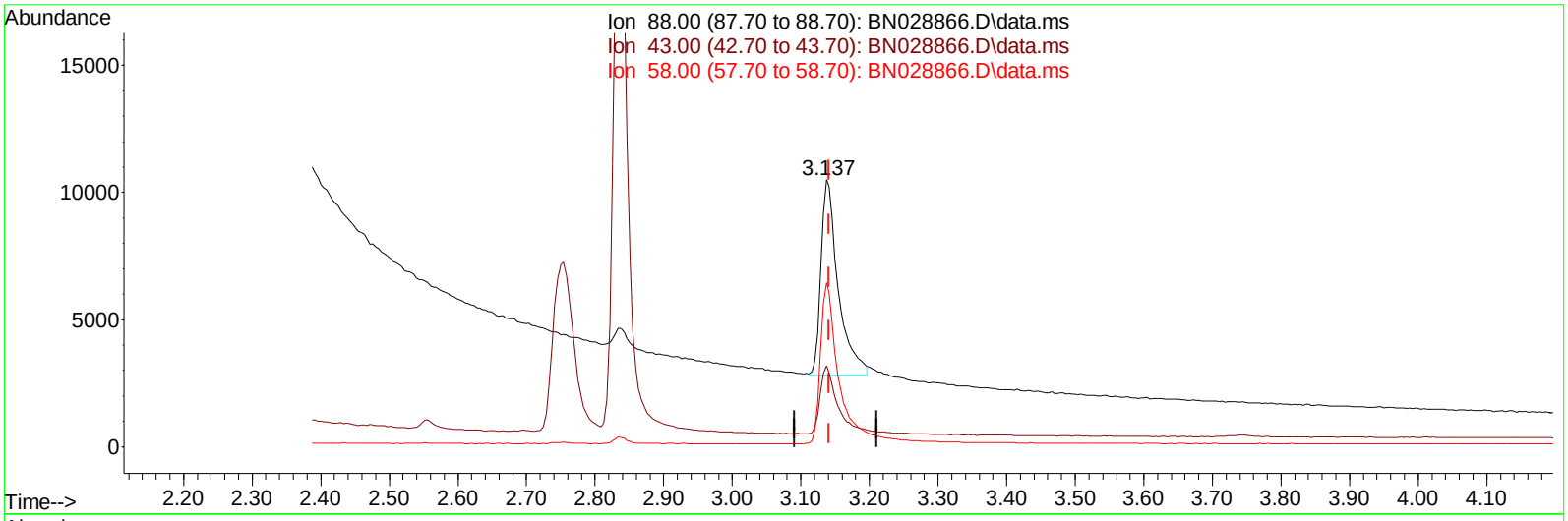

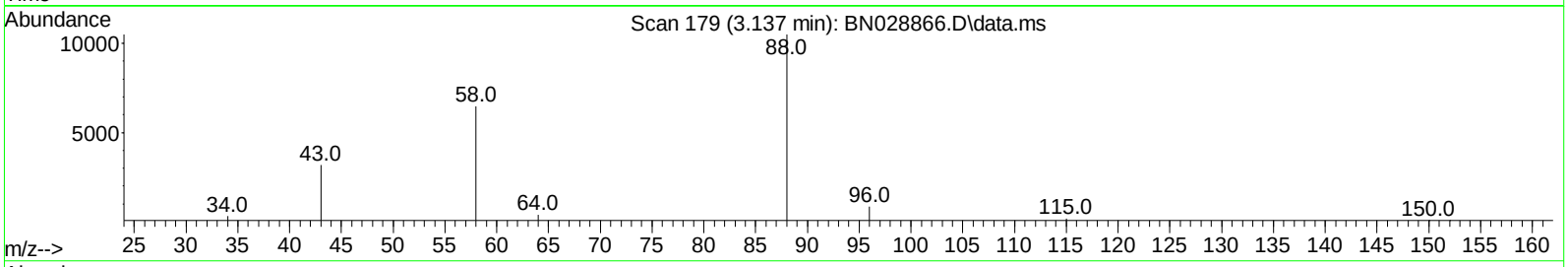

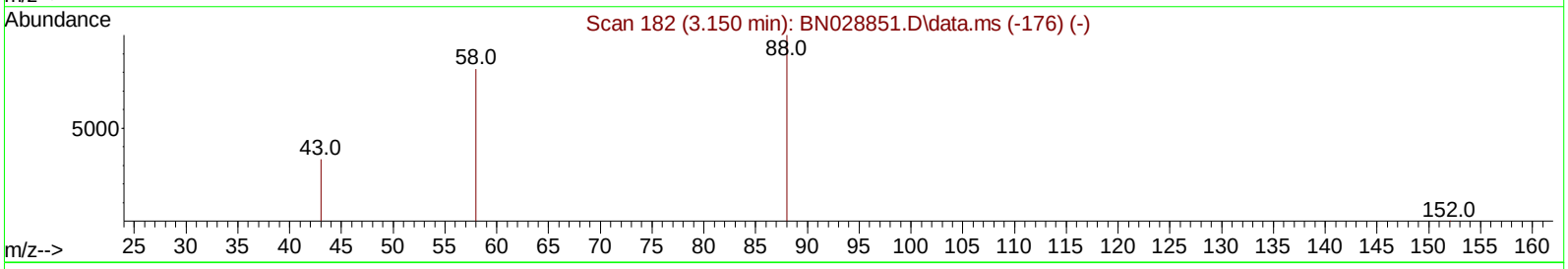

TIC: BN028866.D\data.ms

(2) 1,4-Dioxane

3.137min (-0.004) 2.19 ng/ul m

response 13334

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	30.22#
58.00	52.30	61.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028866.D
Acq On : 24 Nov 2023 20:00
Operator : MA/JU
Sample : PB157190BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 25 01:03:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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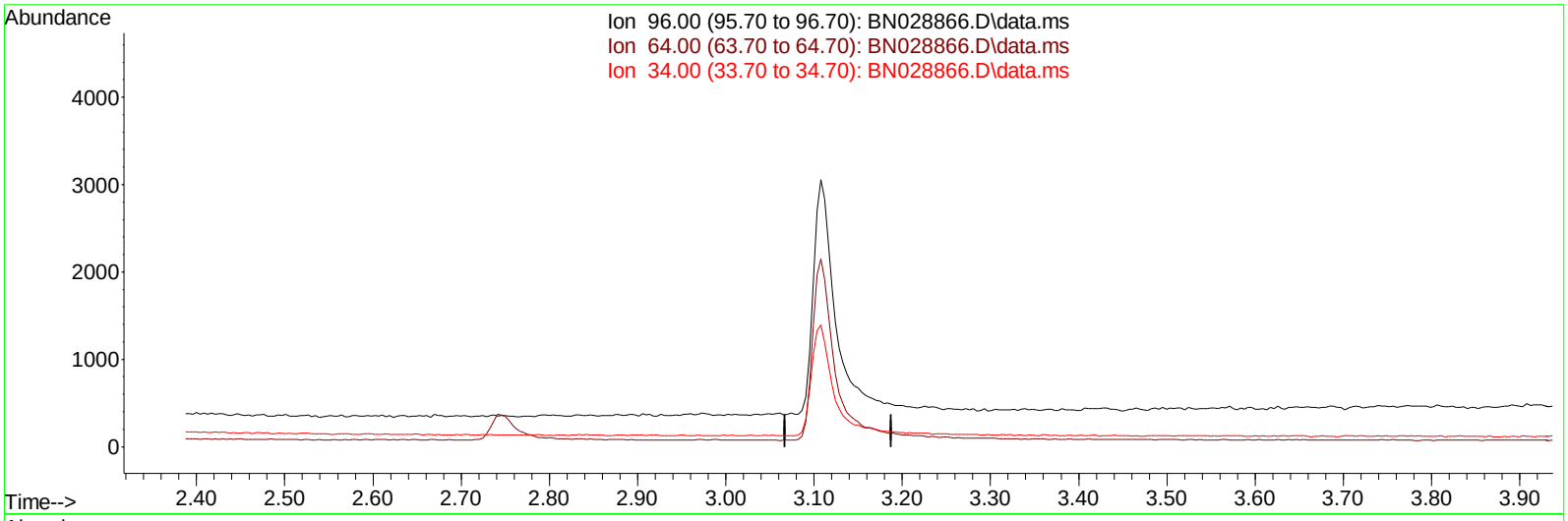
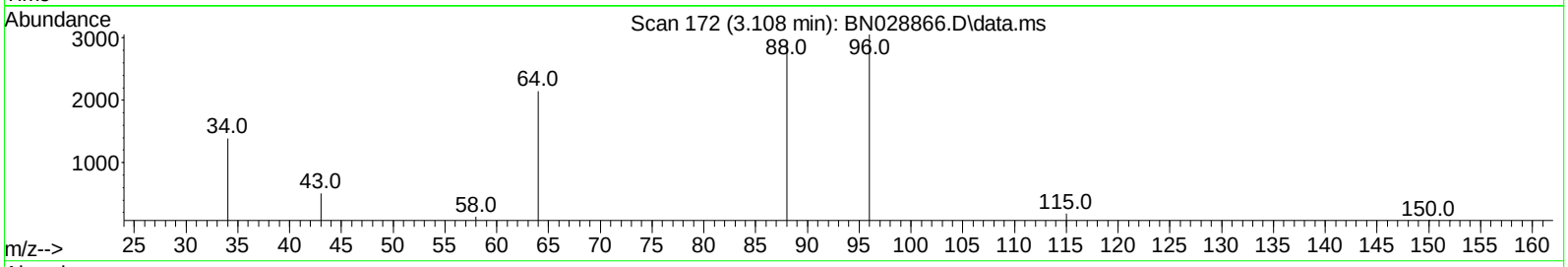
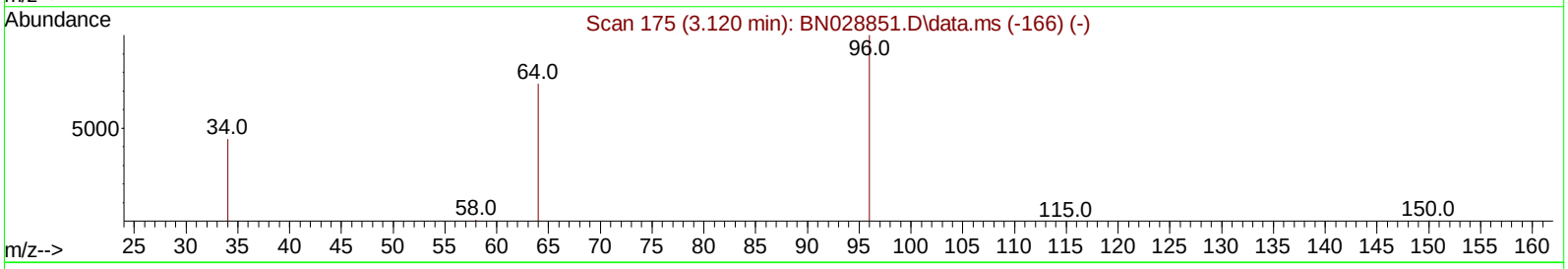
BNA_N
ClientSampleId :
SLCS190

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023







TIC: BN028866.D\data.ms

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

3.108min (-3.108) 0.00 ng/ul

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
64.00	67.40	0.00#
34.00	38.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028866.D
Acq On : 24 Nov 2023 20:00
Operator : MA/JU
Sample : PB157190BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 25 01:03:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2023
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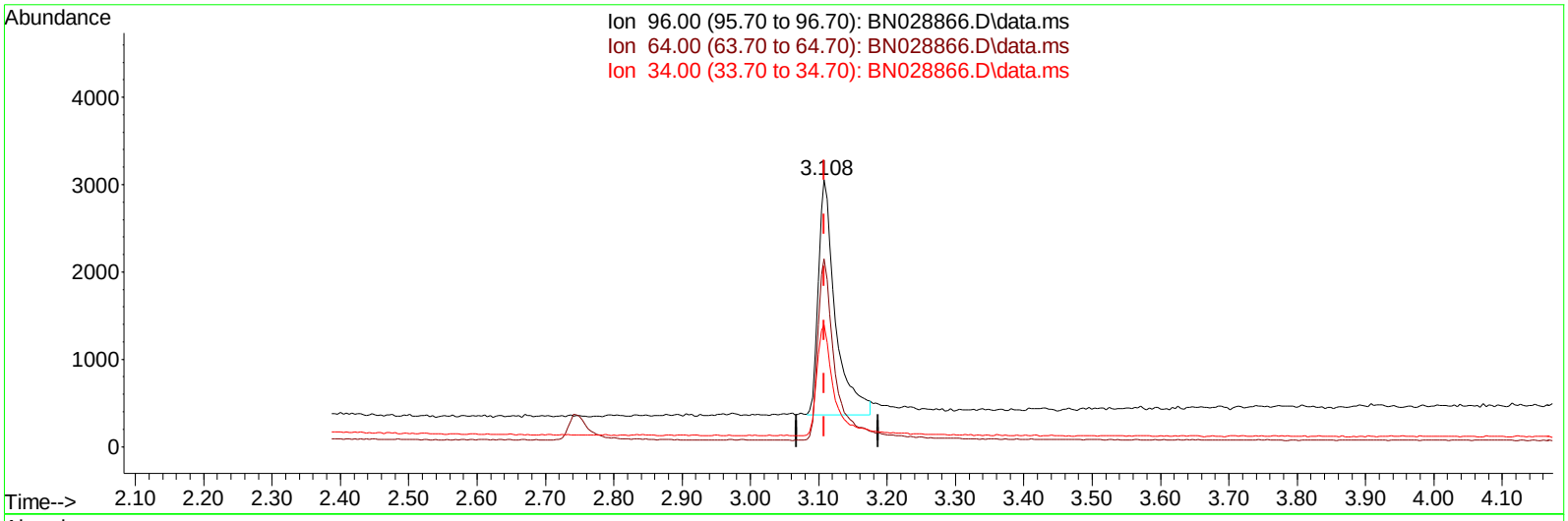

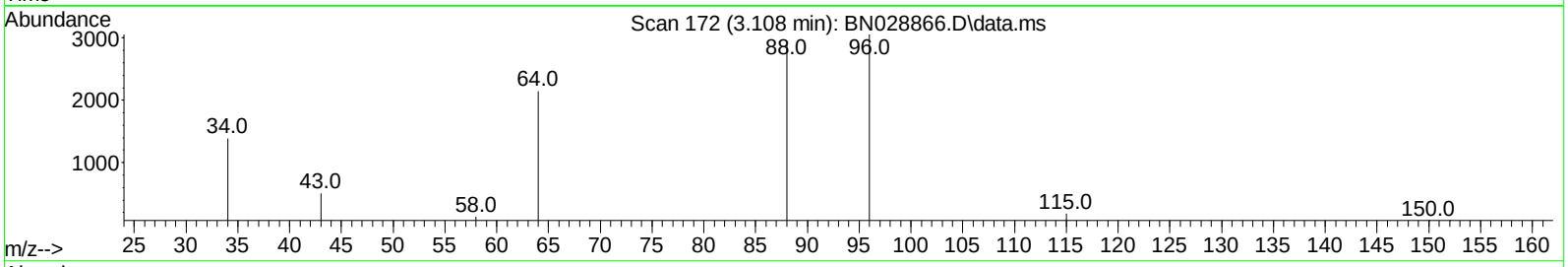

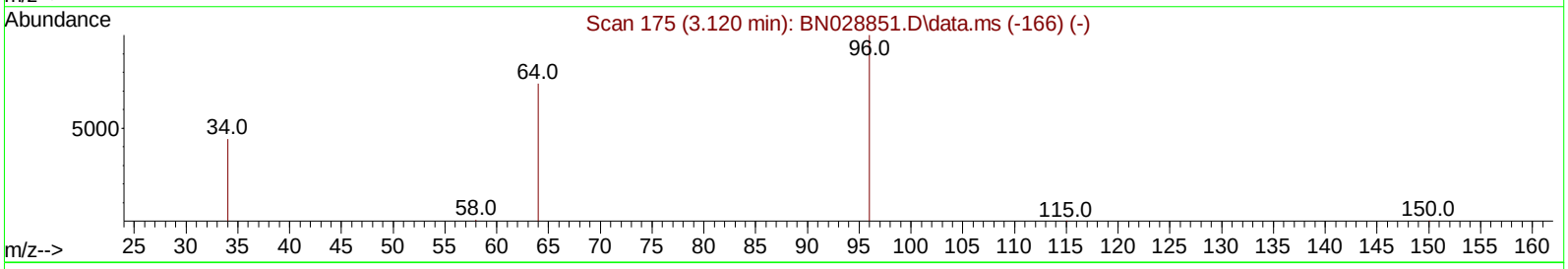

TIC: BN028866.D\data.ms

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

3.108min (-0.000) 0.85 ng/ul m

response 4659

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	70.31
34.00	38.60	45.53
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028866.D
Acq On : 24 Nov 2023 20:00
Operator : MA/JU
Sample : PB157190BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 25 01:03:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2023
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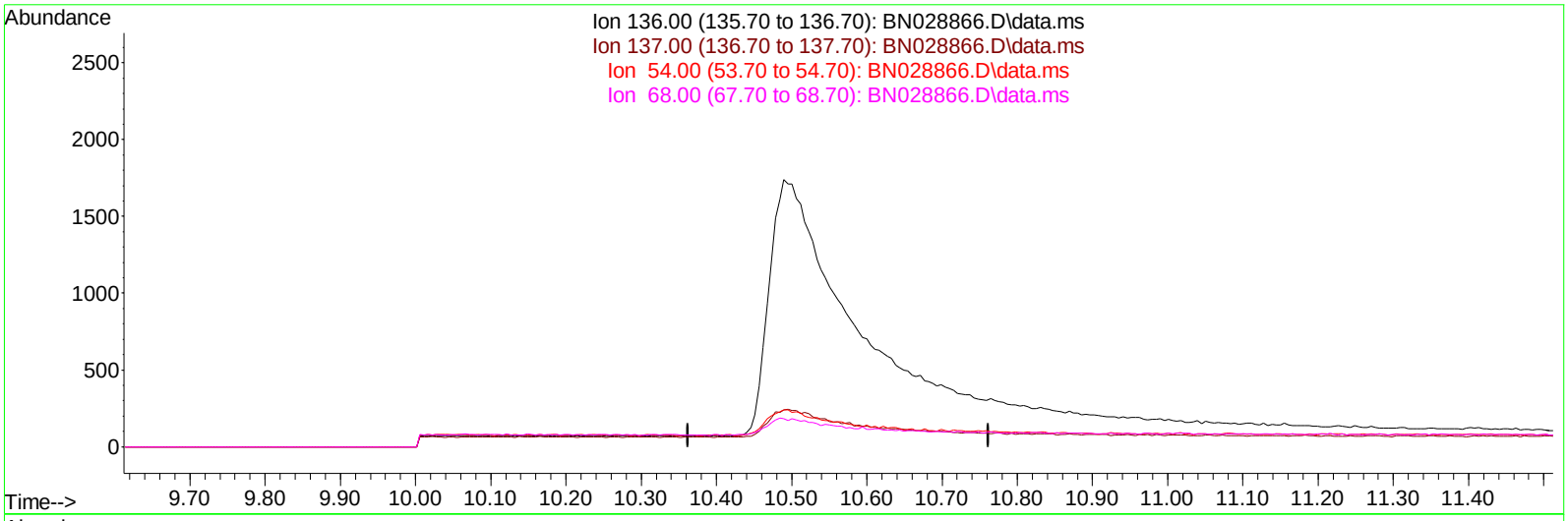

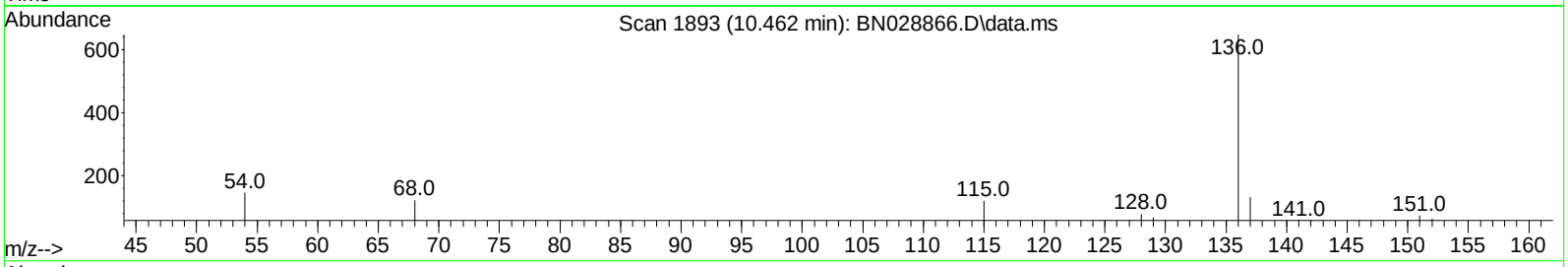

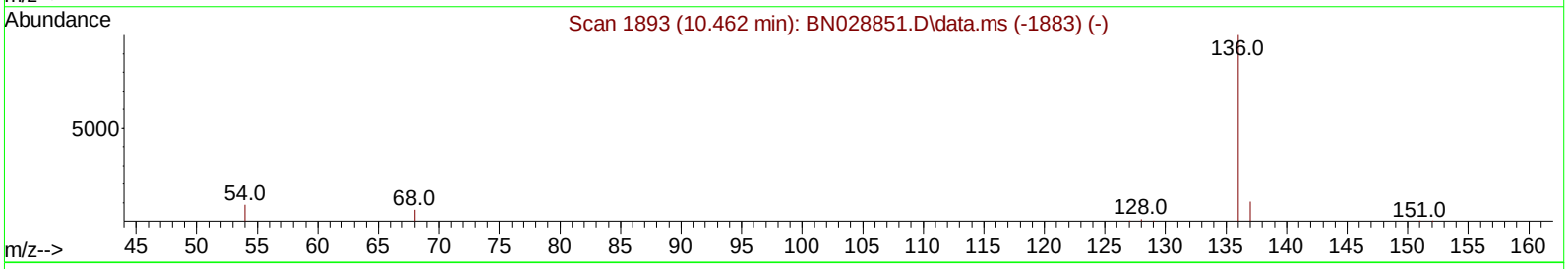

TIC: BN028866.D\data.ms

(4) Naphthalene-d8 (I)

10.462min (-10.462) 0.00 ng/ul

response 0

Ion	Exp%	Act%
136.00	100.00	0.00
137.00	11.20	0.00#
54.00	9.00	0.00#
68.00	7.10	0.00#

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028866.D
Acq On : 24 Nov 2023 20:00
Operator : MA/JU
Sample : PB157190BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 25 01:03:29 2023
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Manual IntegrationsAPPROVED

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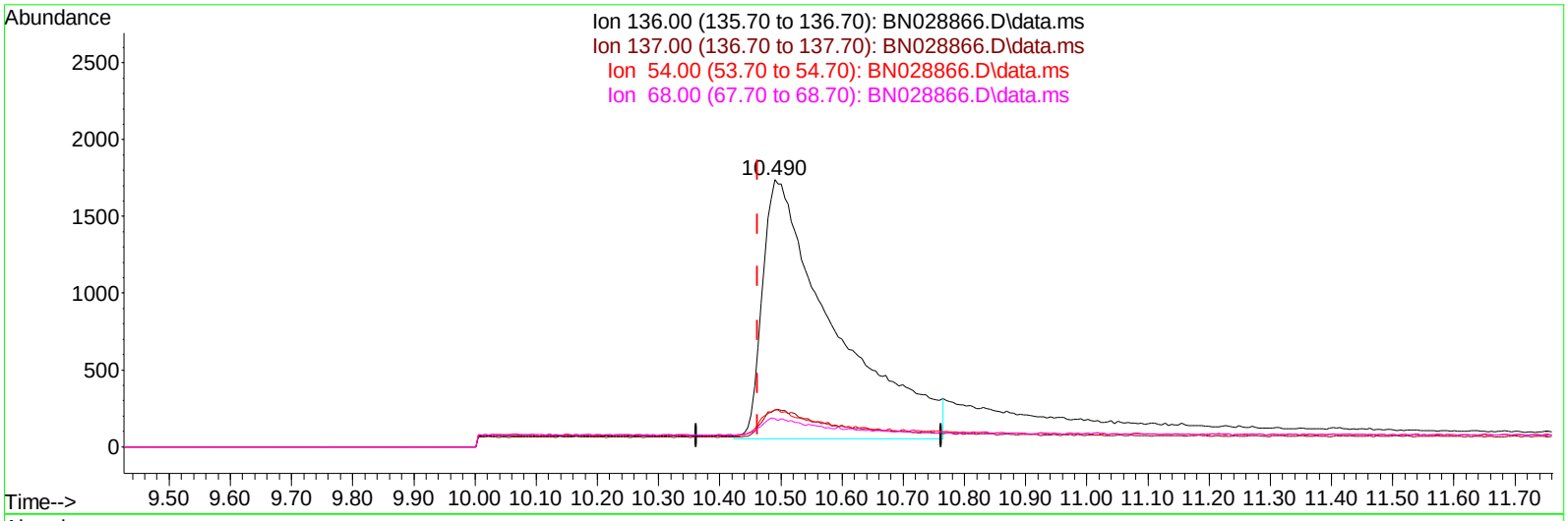

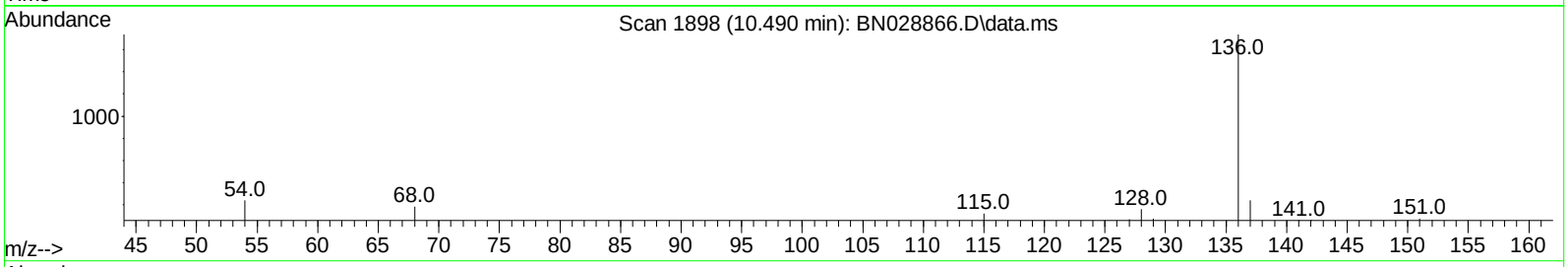

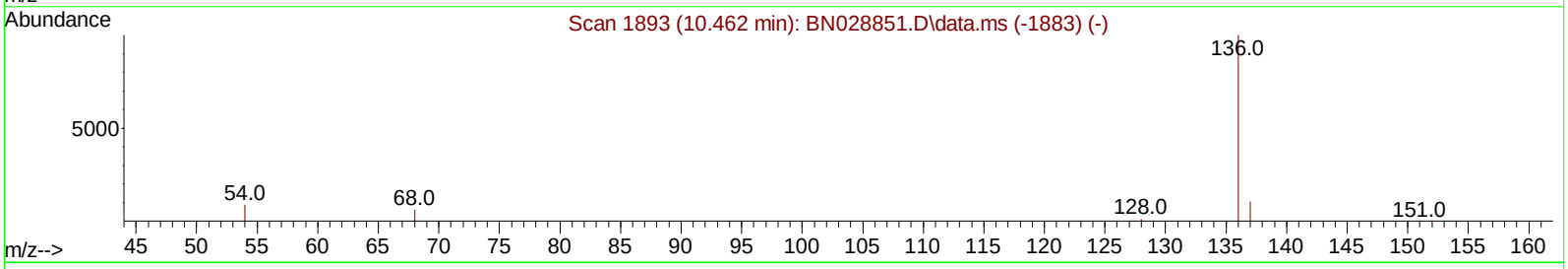

TIC: BN028866.D\data.ms

(4) Naphthalene-d8 (I)

10.490min (+ 0.027) 0.40 ng/ul m

response 13734

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	13.75#
54.00	9.00	13.69#
68.00	7.10	10.47#

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028866.D
Acq On : 24 Nov 2023 20:00
Operator : MA/JU
Sample : PB157190BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 25 01:03:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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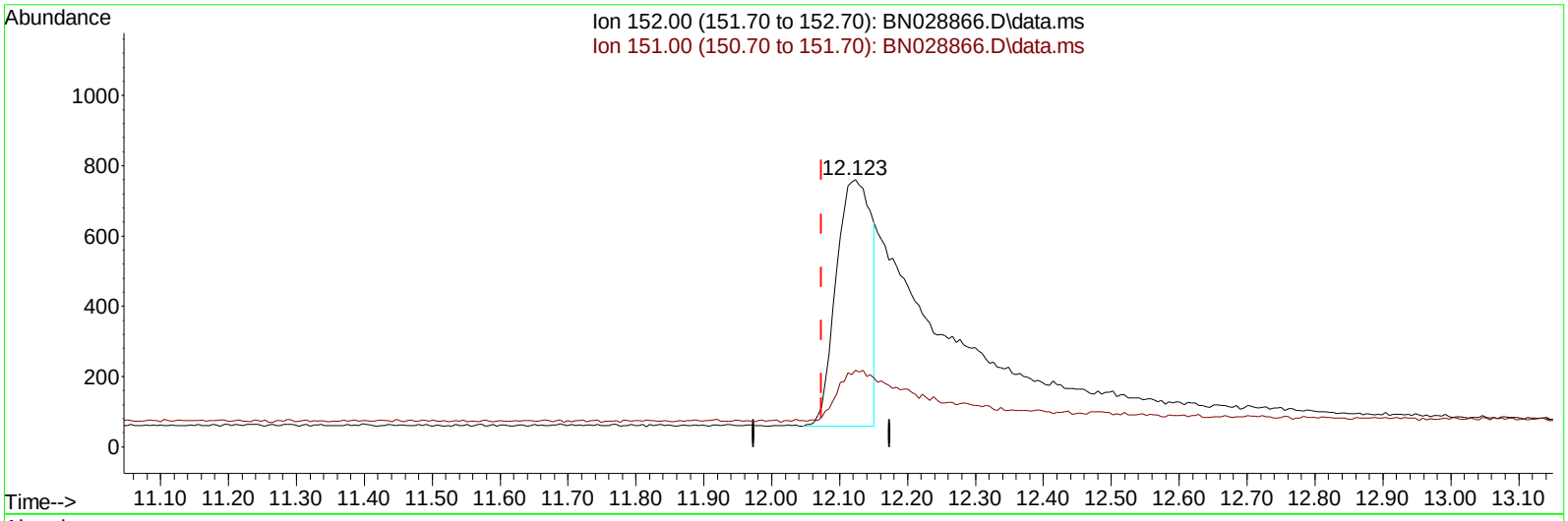

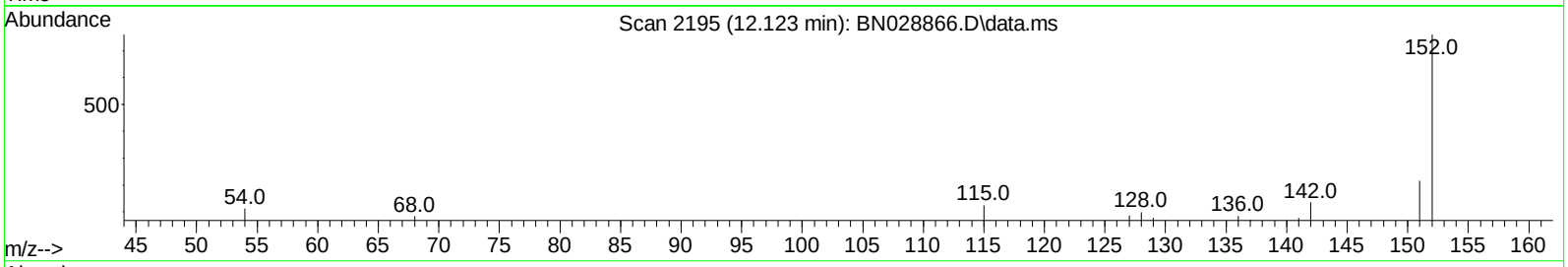

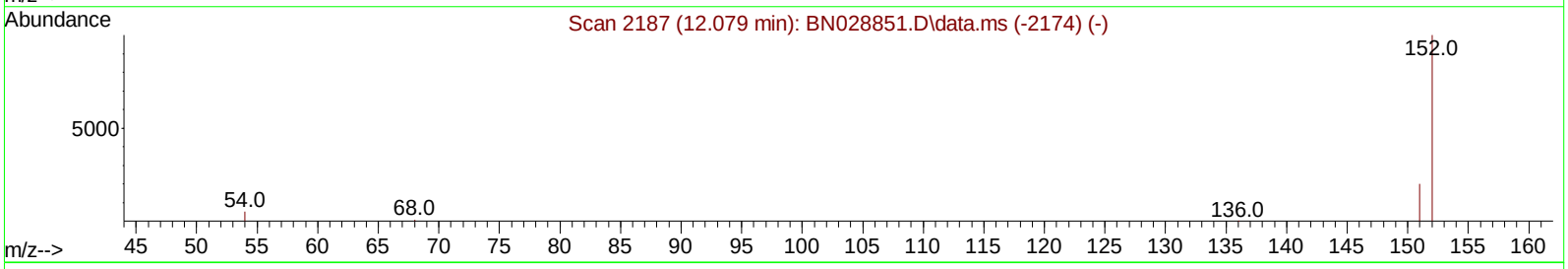

TIC: BN028866.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.123min (+ 0.049) 0.12 ng/ul

response 2517

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	20.14
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : PB157190BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

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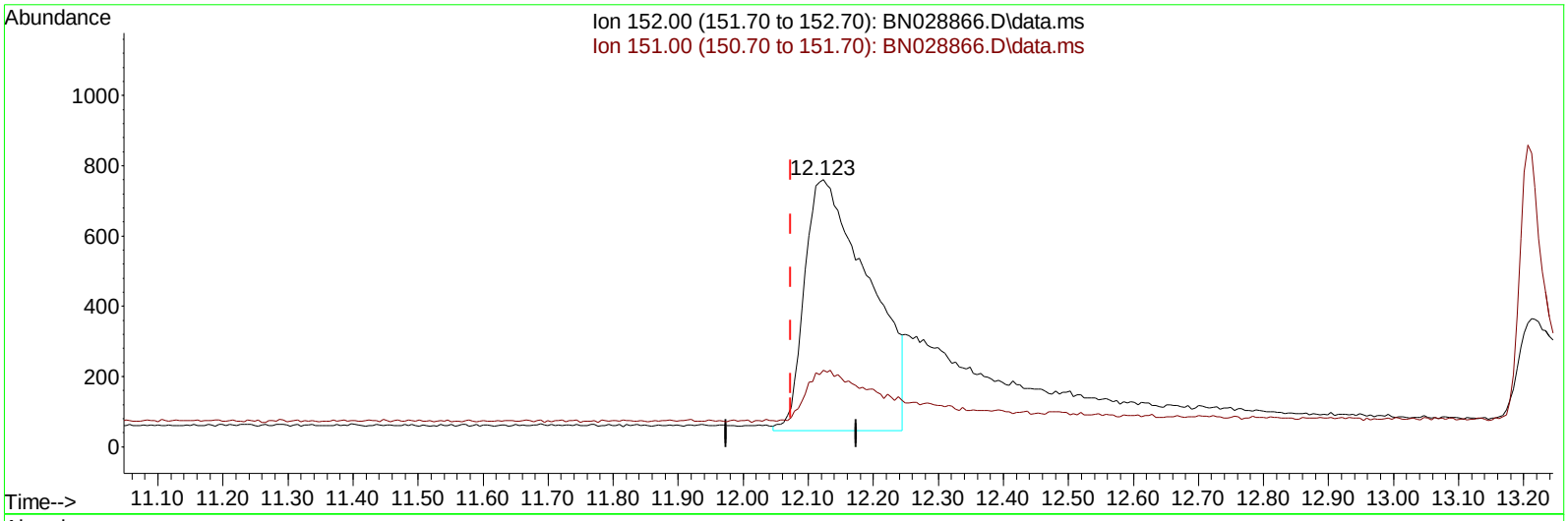

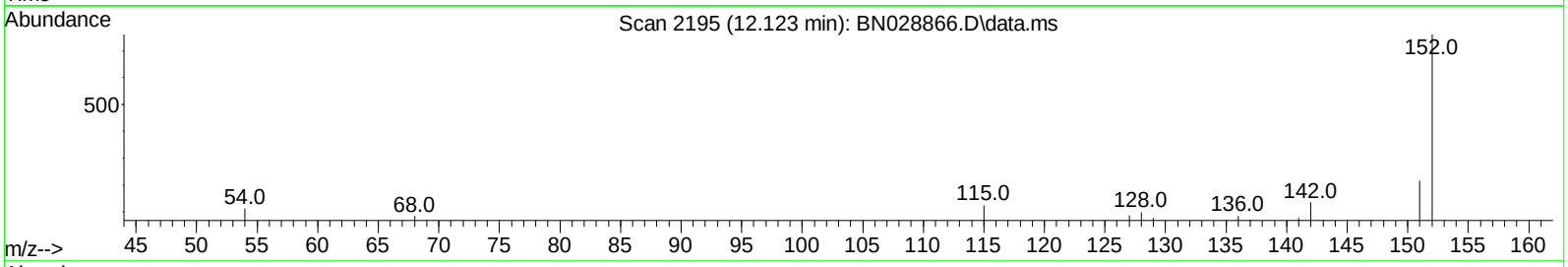

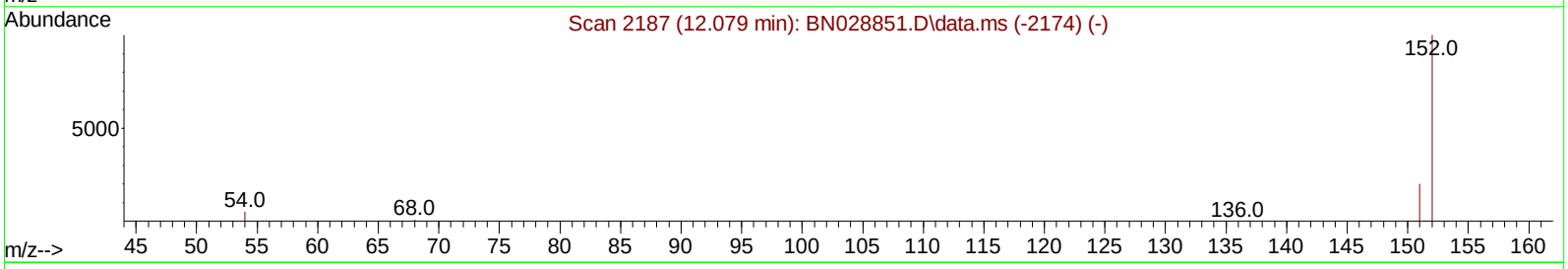

TIC: BN028866.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.123min (+ 0.049) 0.24 ng/ul m

response 4916

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	10.31#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028866.D
Acq On : 24 Nov 2023 20:00
Operator : MA/JU
Sample : PB157190BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 25 01:03:29 2023
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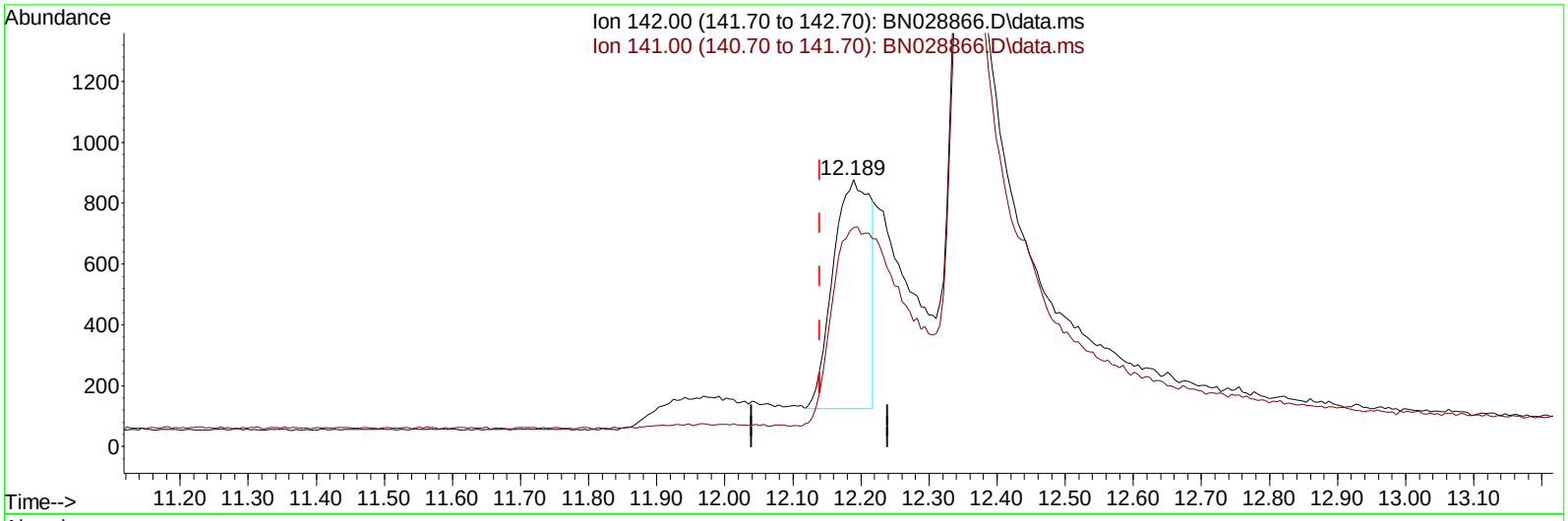
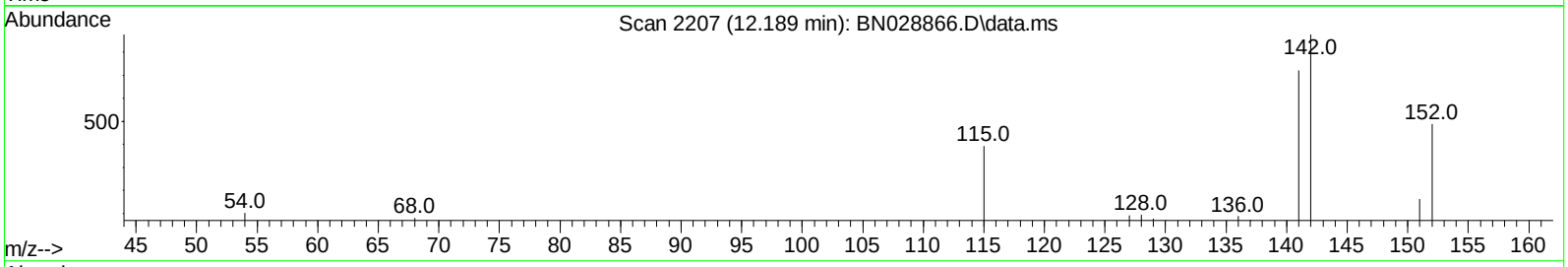
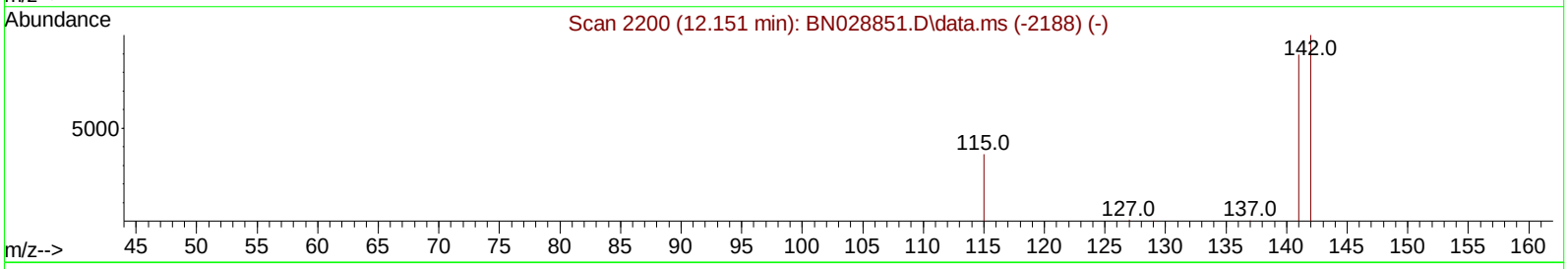






TIC: BN028866.D\data.ms

(7) 2-Methylnaphthalene

12.189min (+ 0.049) 0.11 ng/ul

response 2837

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	89.92
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

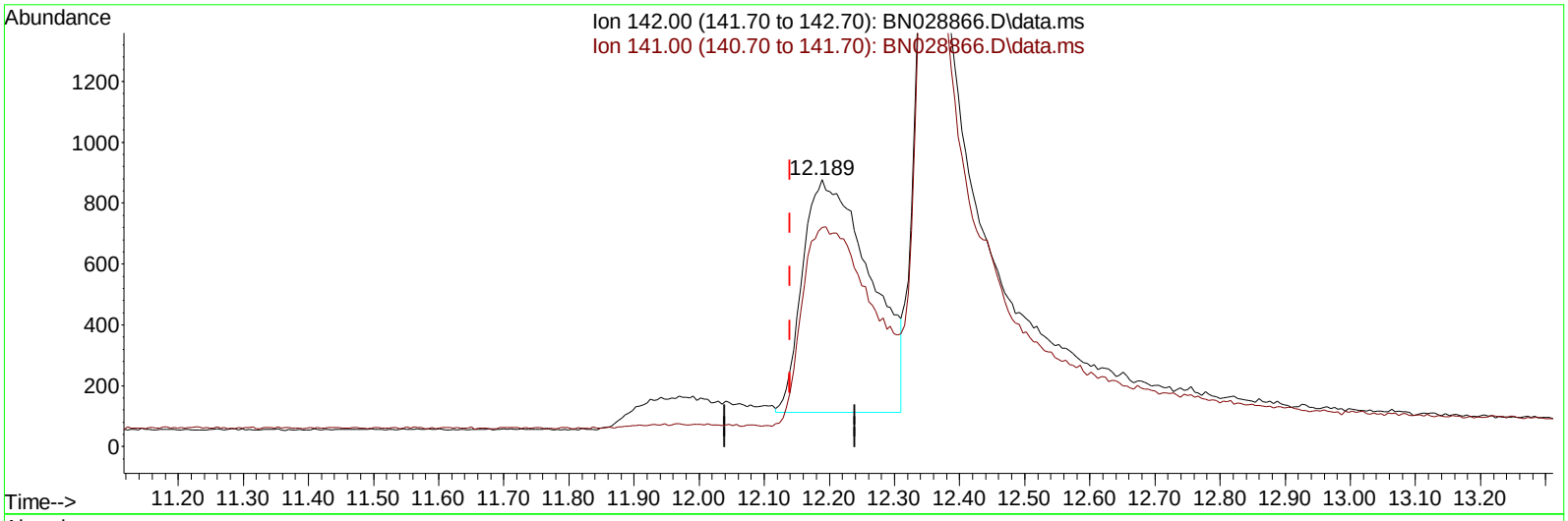
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028866.D
Acq On : 24 Nov 2023 20:00
Operator : MA/JU
Sample : PB157190BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

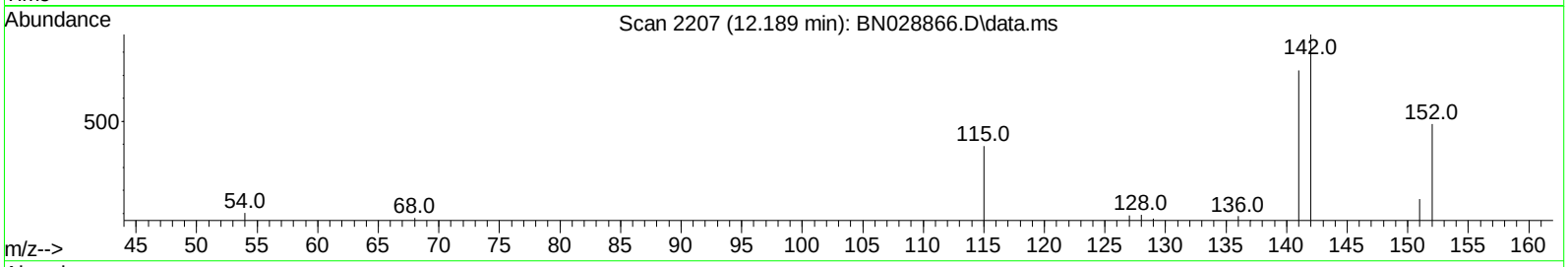
Quant Time: Nov 25 01:03:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

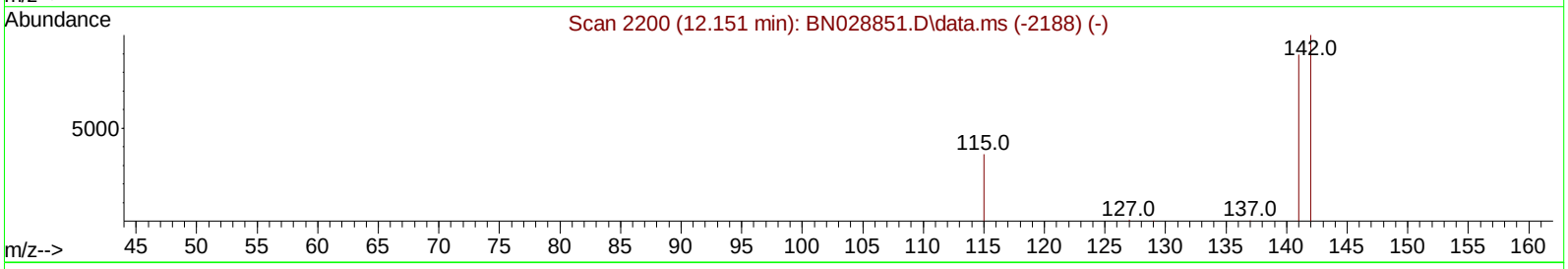
Instrument :
BNA_N
ClientSampleId :
SLCS190

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023







TIC: BN028866.D\data.ms

(7) 2-Methylnaphthalene

12.189min (+ 0.049) 0.22 ng/ul m

response 5514

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	46.26#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028866.D
Acq On : 24 Nov 2023 20:00
Operator : MA/JU
Sample : PB157190BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 25 01:03:29 2023
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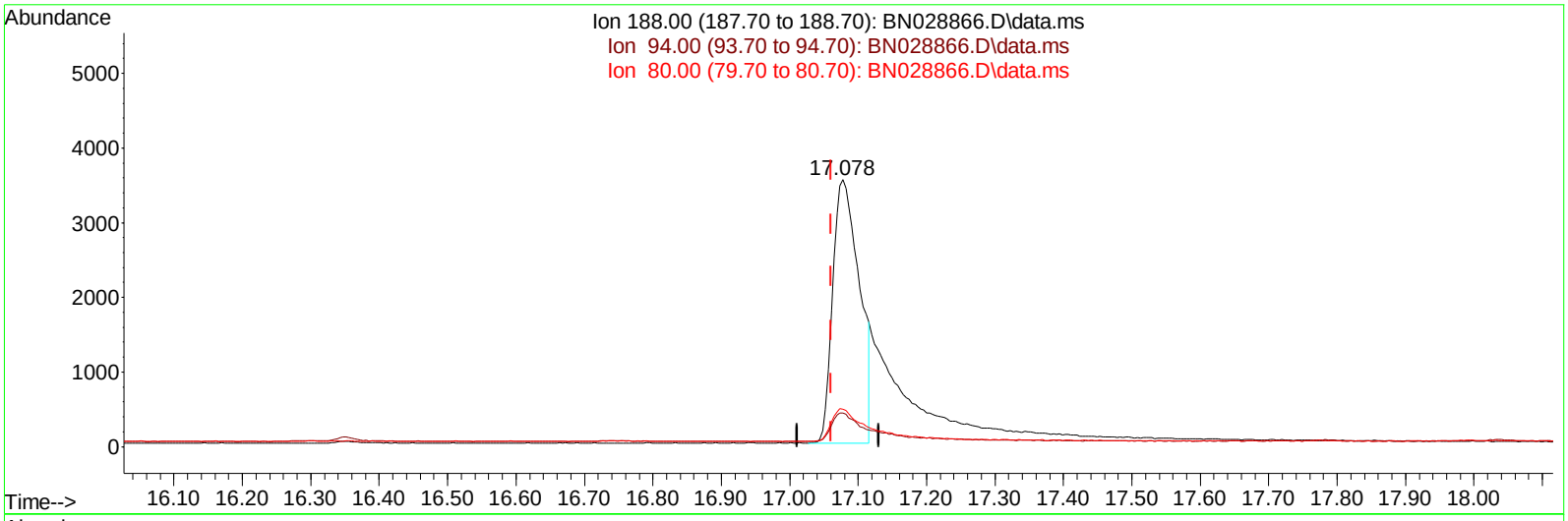

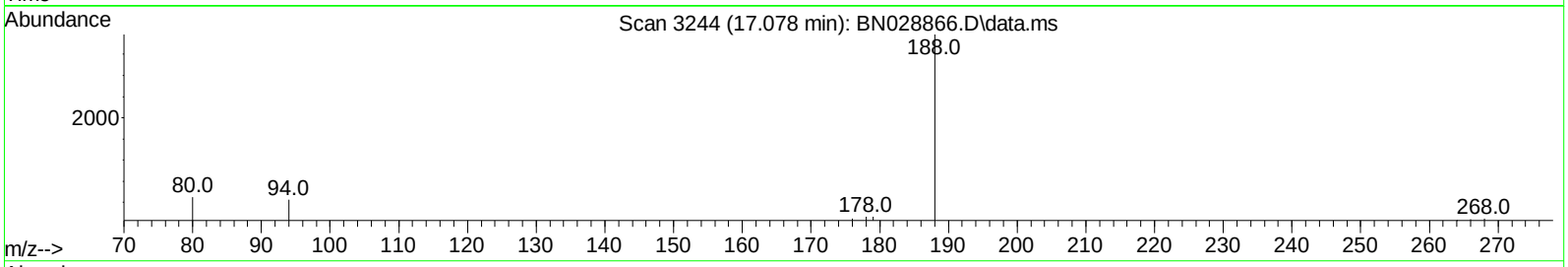

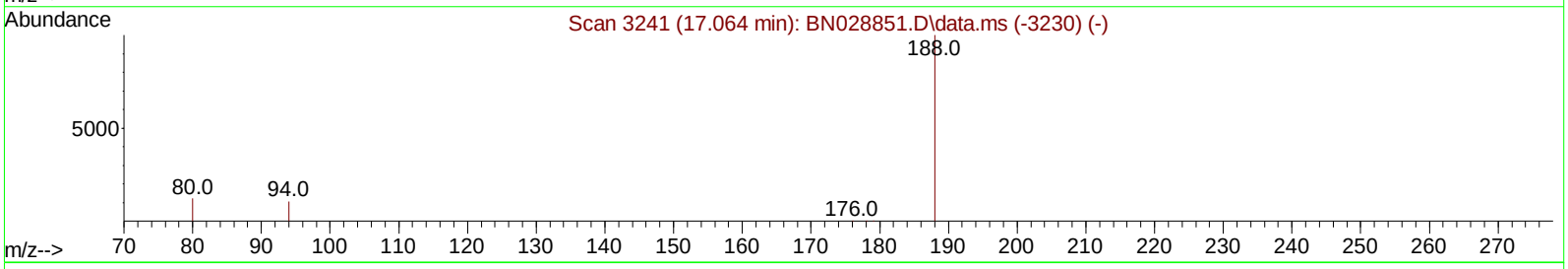

TIC: BN028866.D\data.ms

(13) Phenanthrene-d10 (I)

17.078min (+ 0.017) 0.40 ng/ul

response 9543

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	12.59#
80.00	10.90	14.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
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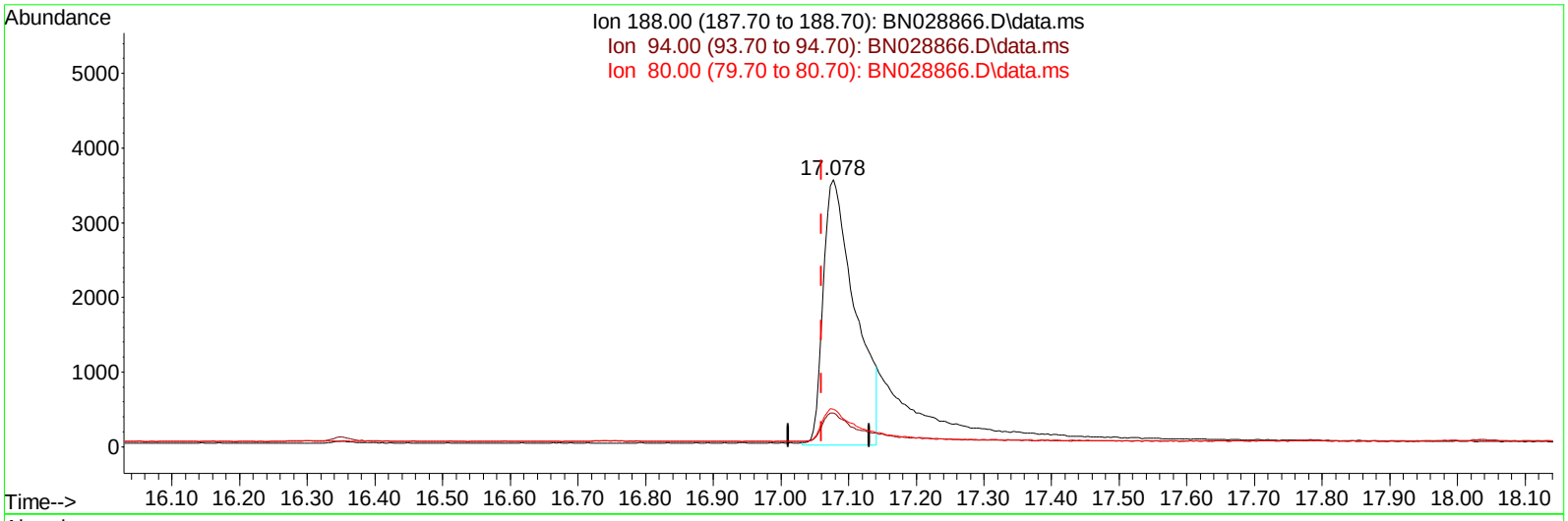

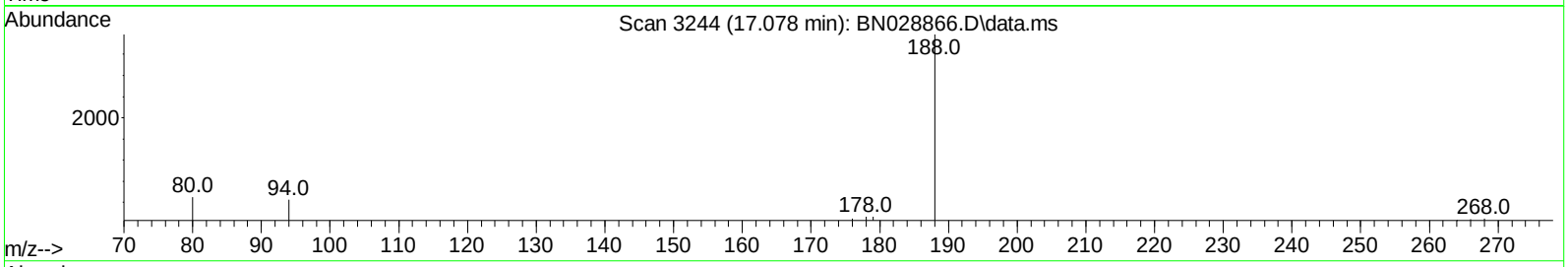

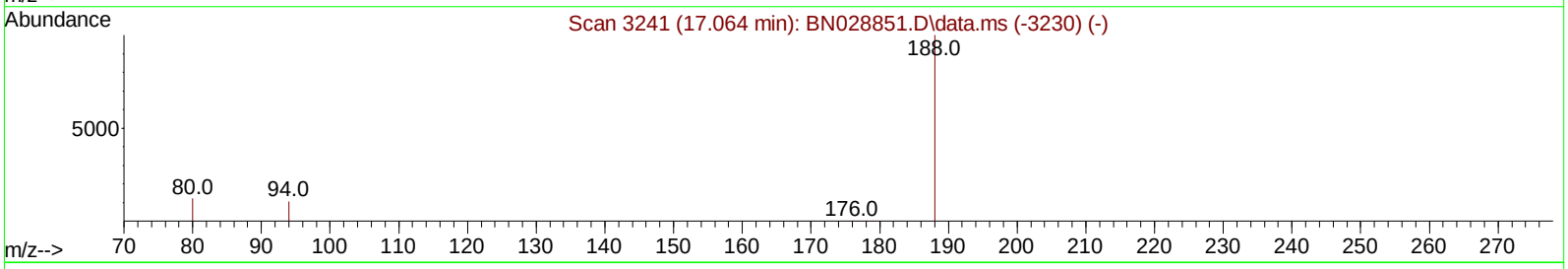

TIC: BN028866.D\data.ms

(13) Phenanthrene-d10 (I)

17.078min (+ 0.017) 0.40 ng/ul m

response 11614

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	12.59#
80.00	10.90	14.01#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028866.D
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	4980m	0.400	ng/ul	0.11
4) Naphthalene-d8	10.490	136	13734m	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.303	164	8191	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.078	188	11614m	0.400	ng/ul	0.02
17) Chrysene-d12	21.279	240	8888	0.400	ng/ul	# 0.00
23) Perylene-d12	23.550	264	8931	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.108	96	4659m	0.846	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.123	152	4916m	0.238	ng/ul	0.05
18) Fluoranthene-d10	19.099	212	11619	0.406	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.137	88	13334m	2.192	ng/ul	
5) Naphthalene	10.545	128	10222	0.266	ng/ul#	92
7) 2-Methylnaphthalene	12.189	142	5514m	0.217	ng/ul	
8) 1-Methylnaphthalene	12.354	142	6081	0.236	ng/ul	100
10) Acenaphthylene	14.034	152	12773	0.312	ng/ul	97
11) Acenaphthene	14.363	153	10826	0.360	ng/ul	98
12) Fluorene	15.385	166	8529	0.244	ng/ul	99
14) Pentachlorophenol	16.736	266	1730	0.621	ng/ul	100
15) Phenanthrene	17.116	178	12544	0.352	ng/ul#	95
16) Anthracene	17.238	178	6979	0.213	ng/ul#	91
19) Fluoranthene	19.132	202	14885	0.394	ng/ul	98
20) Pyrene	19.490	202	17179	0.438	ng/ul#	94
21) Benzo(a)anthracene	21.267	228	8565	0.244	ng/ul	96
22) Chrysene	21.314	228	11848	0.345	ng/ul	98
24) Benzo(b)fluoranthene	22.863	252	11130	0.332	ng/ul	78
25) Benzo(k)fluoranthene	22.909	252	13466	0.384	ng/ul#	82
26) Benzo(a)pyrene	23.462	252	12083	0.382	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	25.884	276	15392	0.438	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.911	278	11725	0.418	ng/ul#	89
29) Benzo(g,h,i)perylene	26.589	276	14100	0.490	ng/ul	95

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

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