Quantitation Report (Qedit)

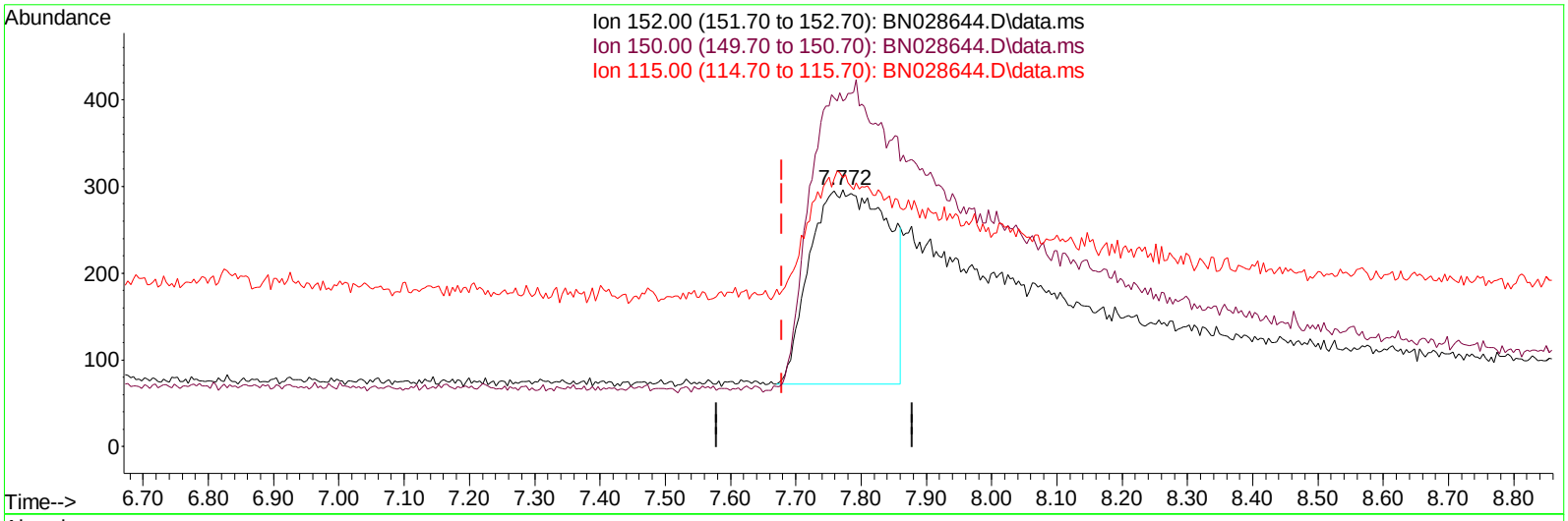
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028644.D
Acq On : 16 Nov 2023 01:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

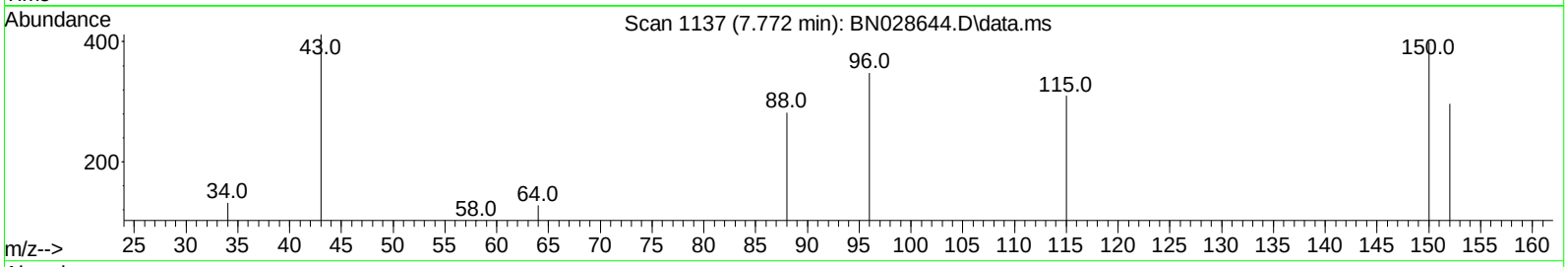
Quant Time: Nov 16 13:54:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 07:25:53 2023
Response via : Initial Calibration

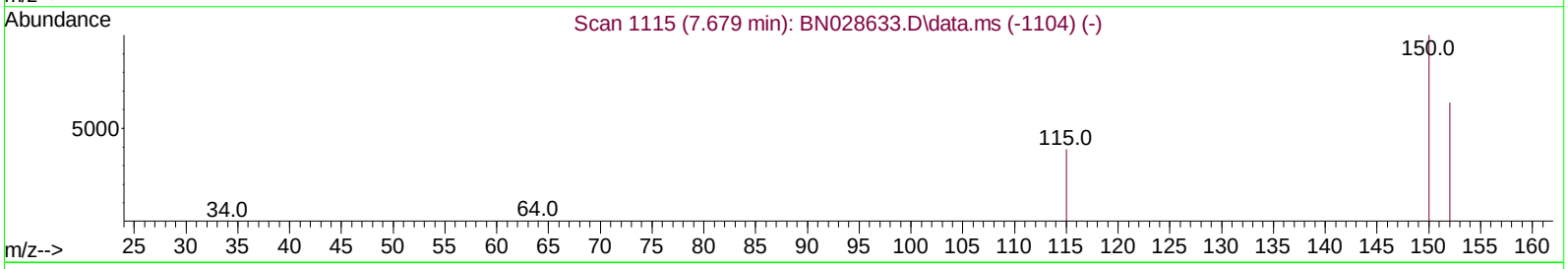
Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023







TIC: BN028644.D\data.ms

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

7.772min (+ 0.093) 0.40 ng/ul

response 1872

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	134.80
115.00	62.20	104.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

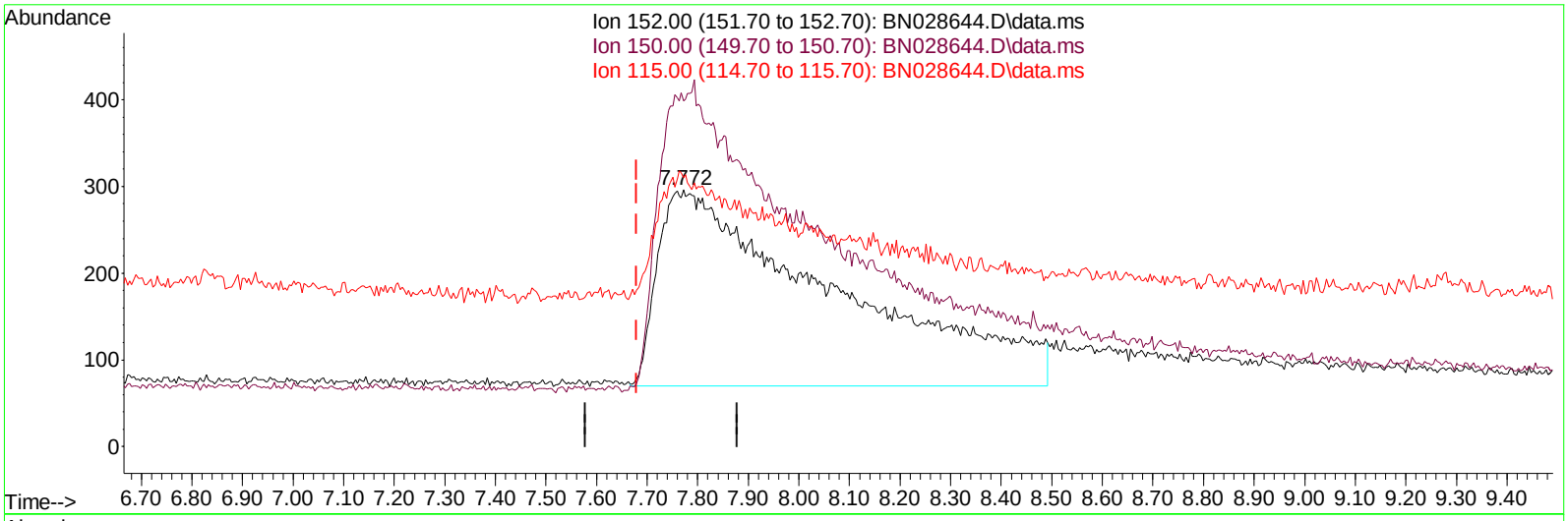
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028644.D
Acq On : 16 Nov 2023 01:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

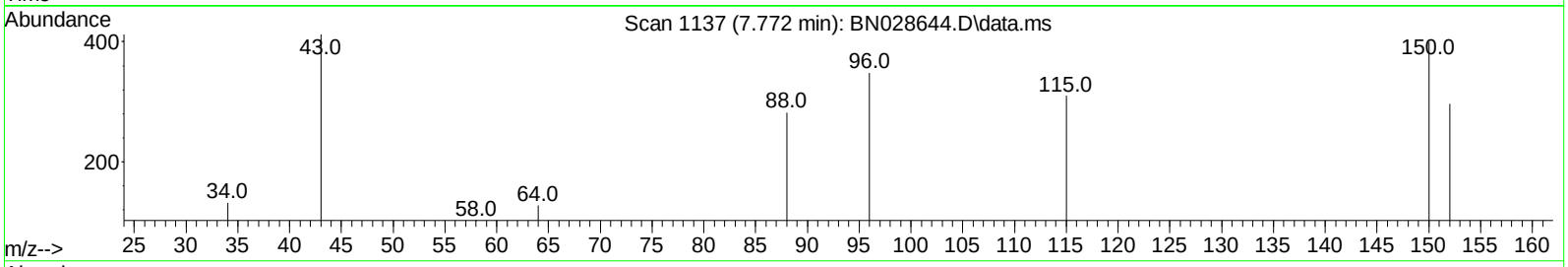
Quant Time: Nov 16 13:54:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 07:25:53 2023
Response via : Initial Calibration

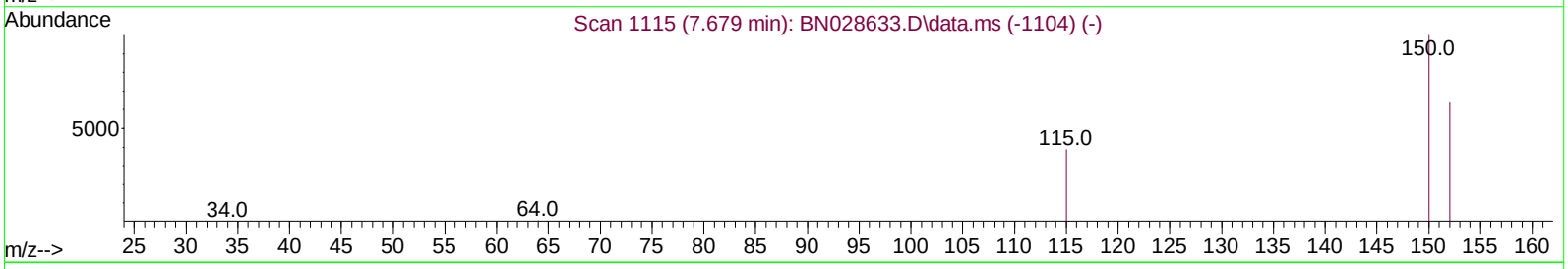
Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023







TIC: BN028644.D\data.ms

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

7.772min (+ 0.093) 0.40 ng/ul m

response 5456

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	134.80
115.00	62.20	104.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028644.D
Acq On : 16 Nov 2023 01:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 16 13:54:39 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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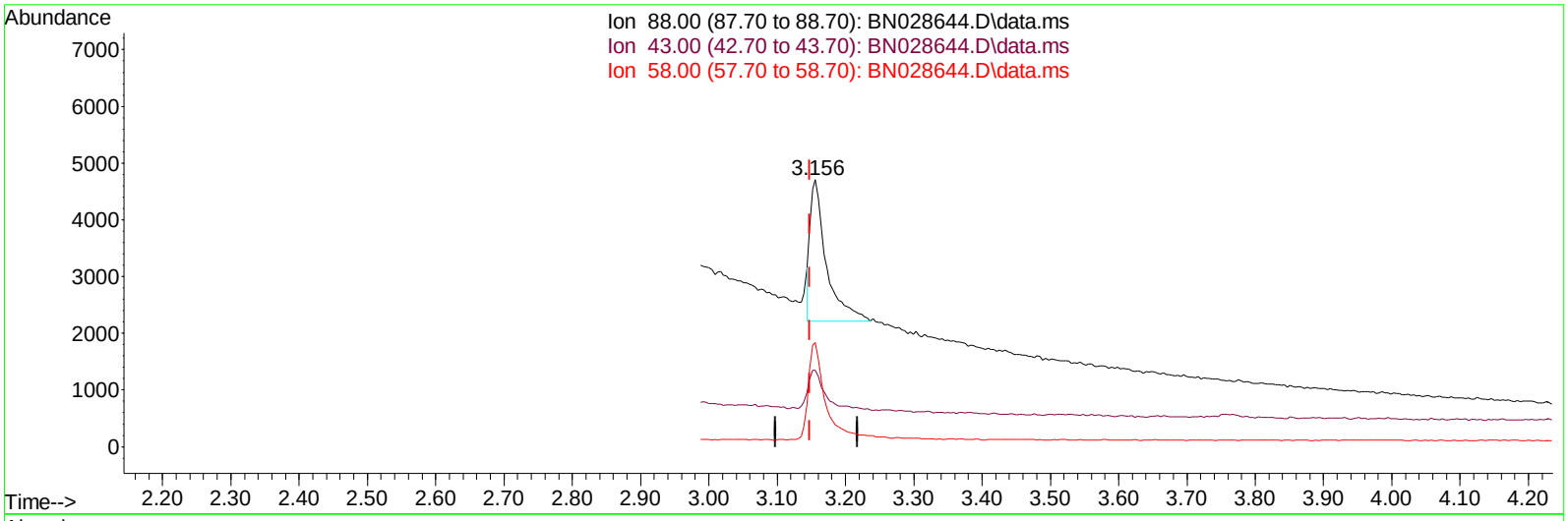
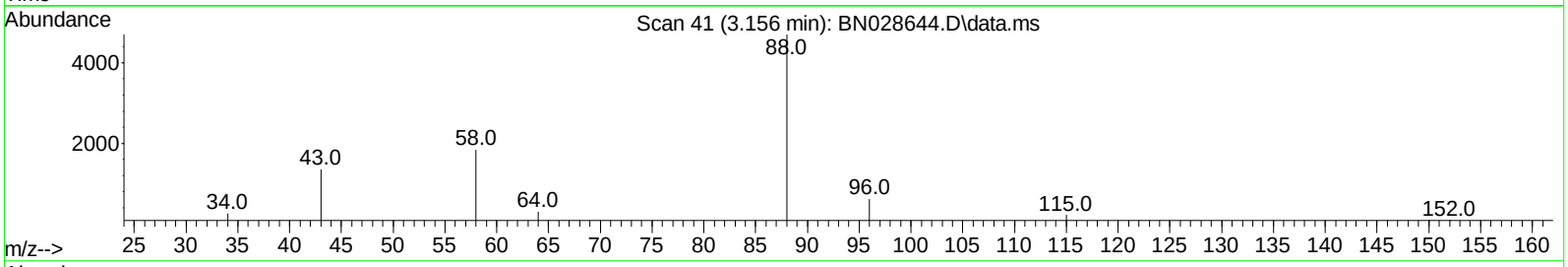
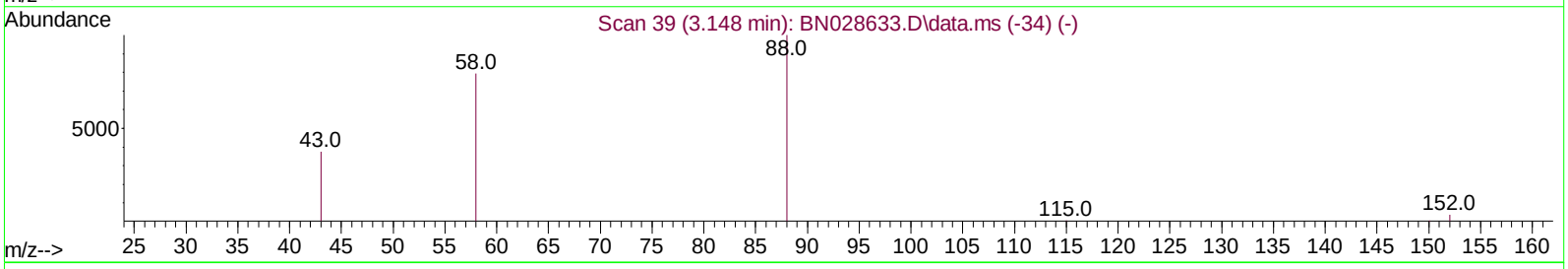
Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023







TIC: BN028644.D\data.ms

(2) 1,4-Dioxane

3.156min (+ 0.008) 0.62 ng/ul

response 4106

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	28.69#
58.00	52.30	39.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

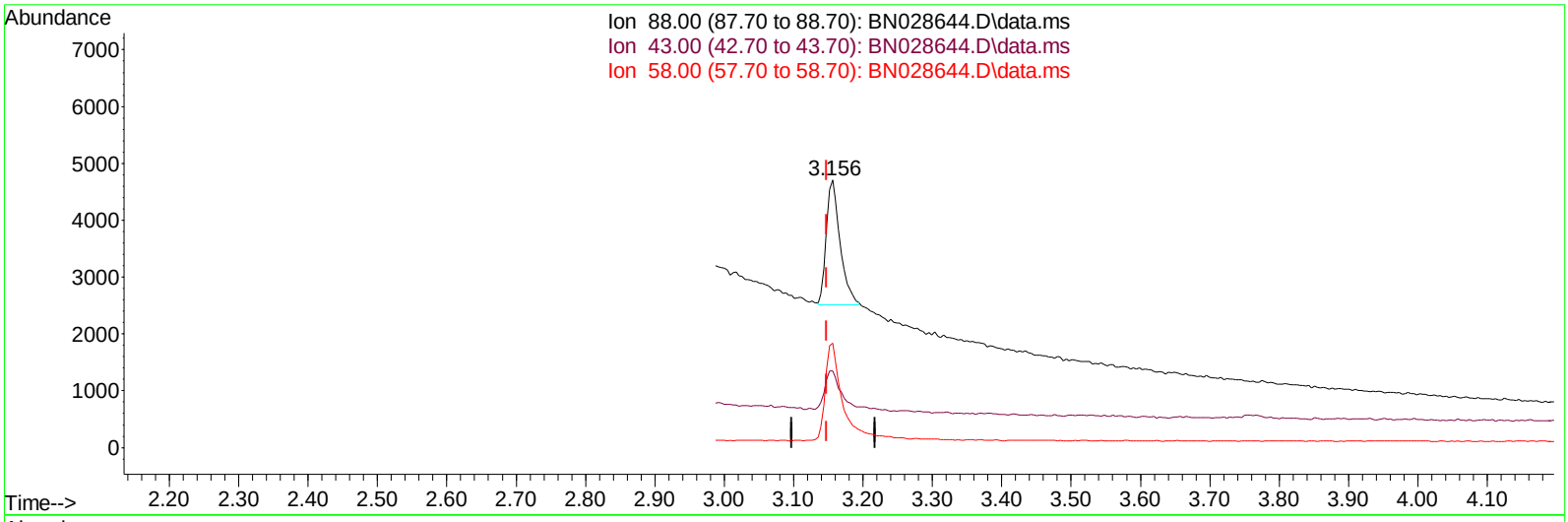
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028644.D
Acq On : 16 Nov 2023 01:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

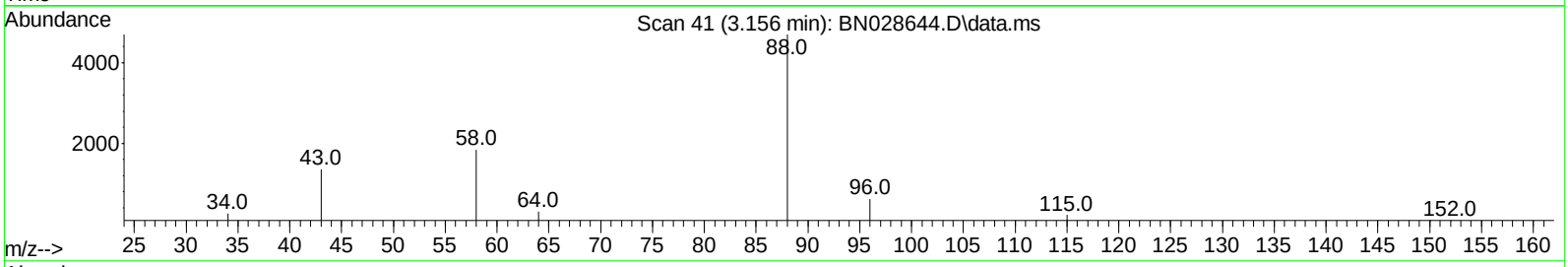
Quant Time: Nov 16 13:54:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 07:25:53 2023
Response via : Initial Calibration

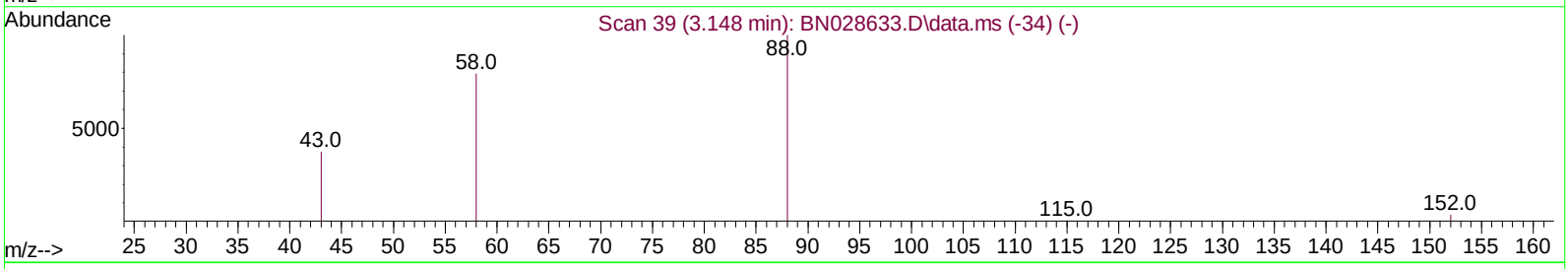
Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023







TIC: BN028644.D\data.ms

(2) 1,4-Dioxane

3.156min (+ 0.008) 0.45 ng/ul m

response 3017

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	28.69#
58.00	52.30	39.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028644.D
Acq On : 16 Nov 2023 01:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 16 13:54:39 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 : Thu Nov 16 07:25:53 2023
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023
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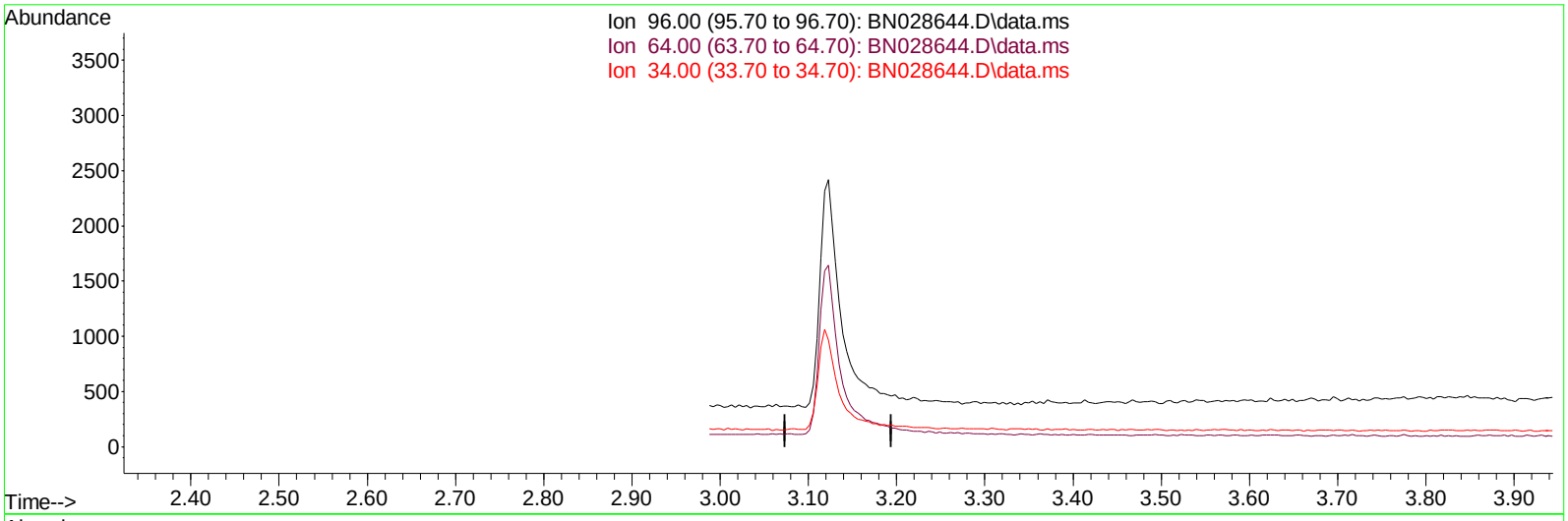

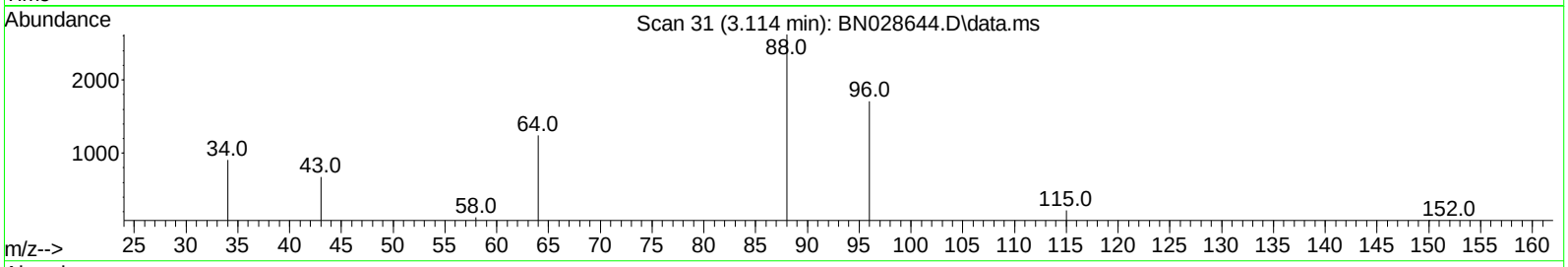

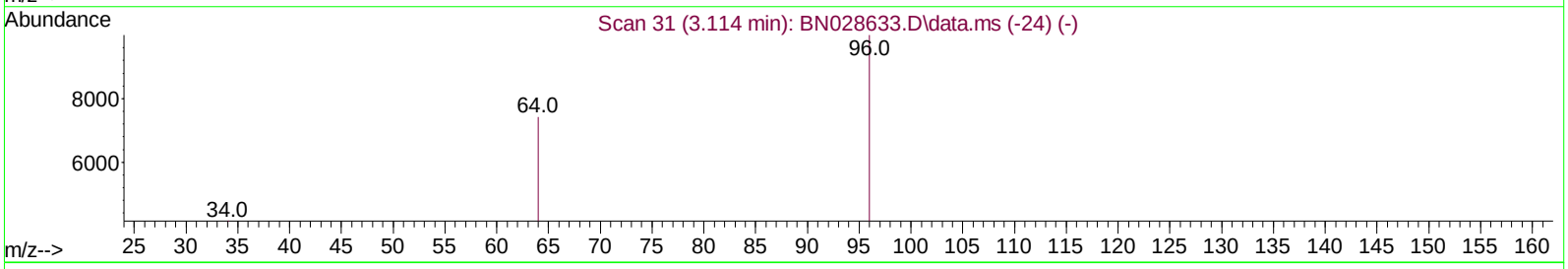

TIC: BN028644.D\data.ms

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

3.114min (-3.114) 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\BN111523\
Data File : BN028644.D
Acq On : 16 Nov 2023 01:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 16 13:54:39 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 : Thu Nov 16 07:25:53 2023
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023
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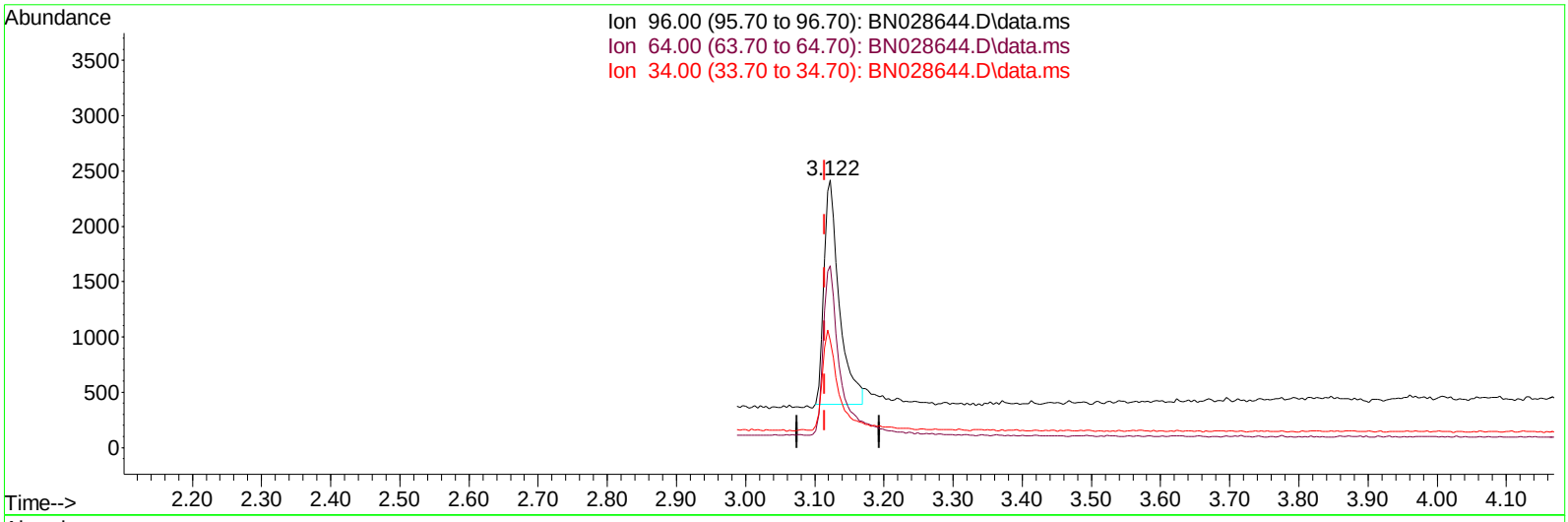

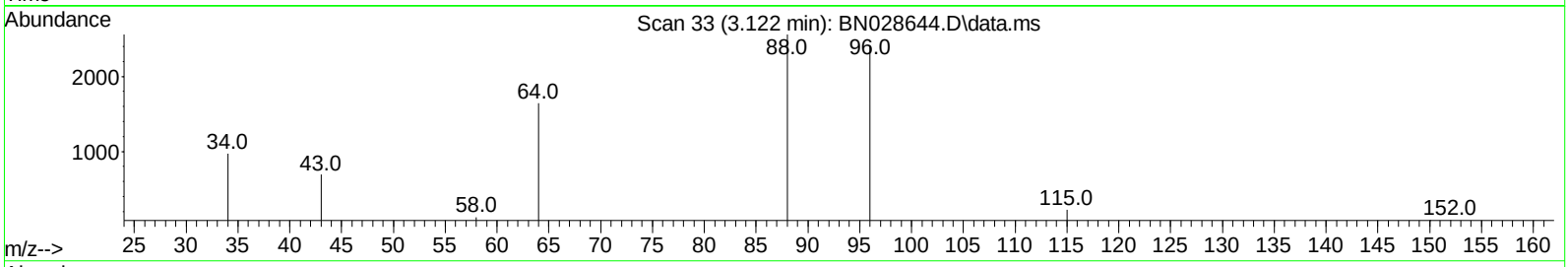

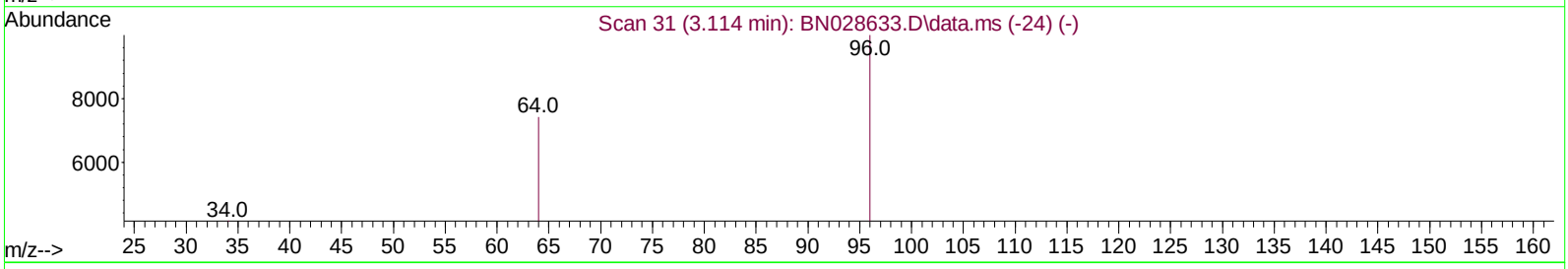

TIC: BN028644.D\data.ms

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

3.122min (+ 0.008) 0.52 ng/ul m

response 3134

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	68.06
34.00	38.60	40.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028644.D
Acq On : 16 Nov 2023 01:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 16 13:54:39 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 : Thu Nov 16 07:25:53 2023
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Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

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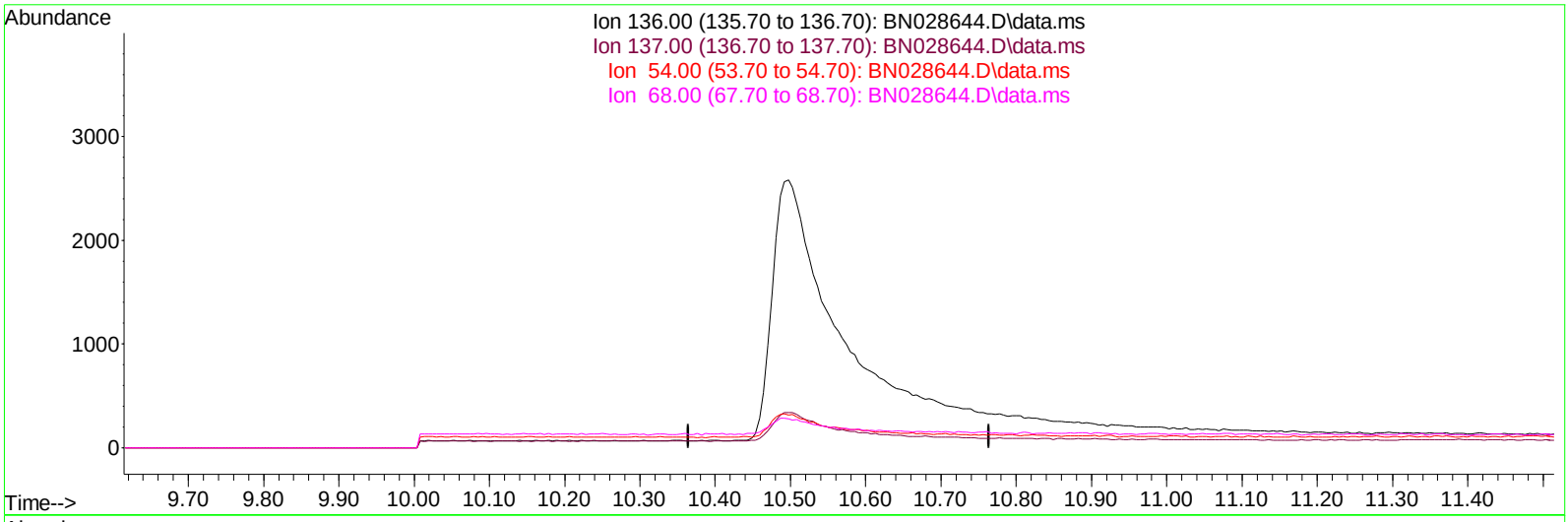
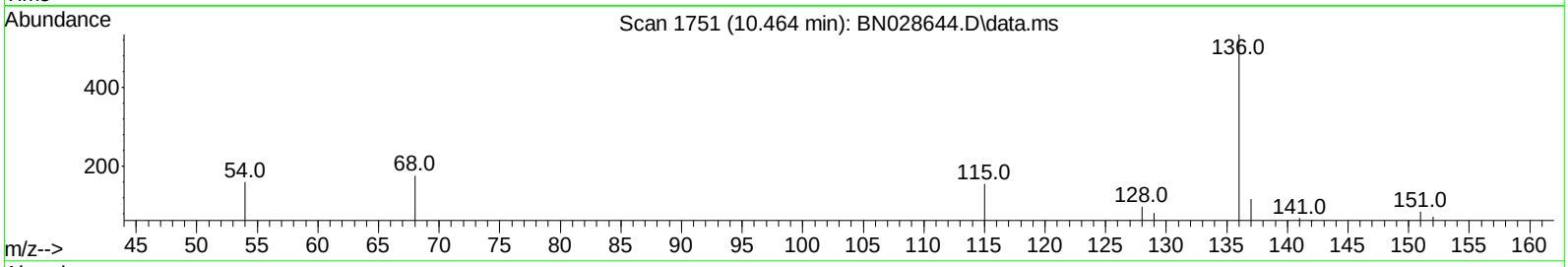
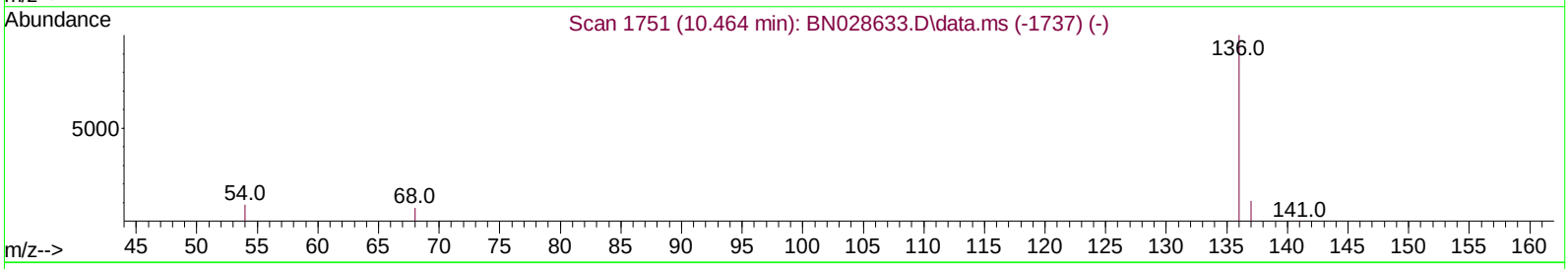
Supervised By :mohammad ahmed 11/20/2023







TIC: BN028644.D\data.ms

(4) Naphthalene-d8 (I)

10.464min (-10.464) 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\BN111523\
Data File : BN028644.D
Acq On : 16 Nov 2023 01:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 16 13:54:39 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 : Thu Nov 16 07:25:53 2023
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Instrument :
BNA_N
LabSampleId :
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Manual IntegrationsAPPROVED

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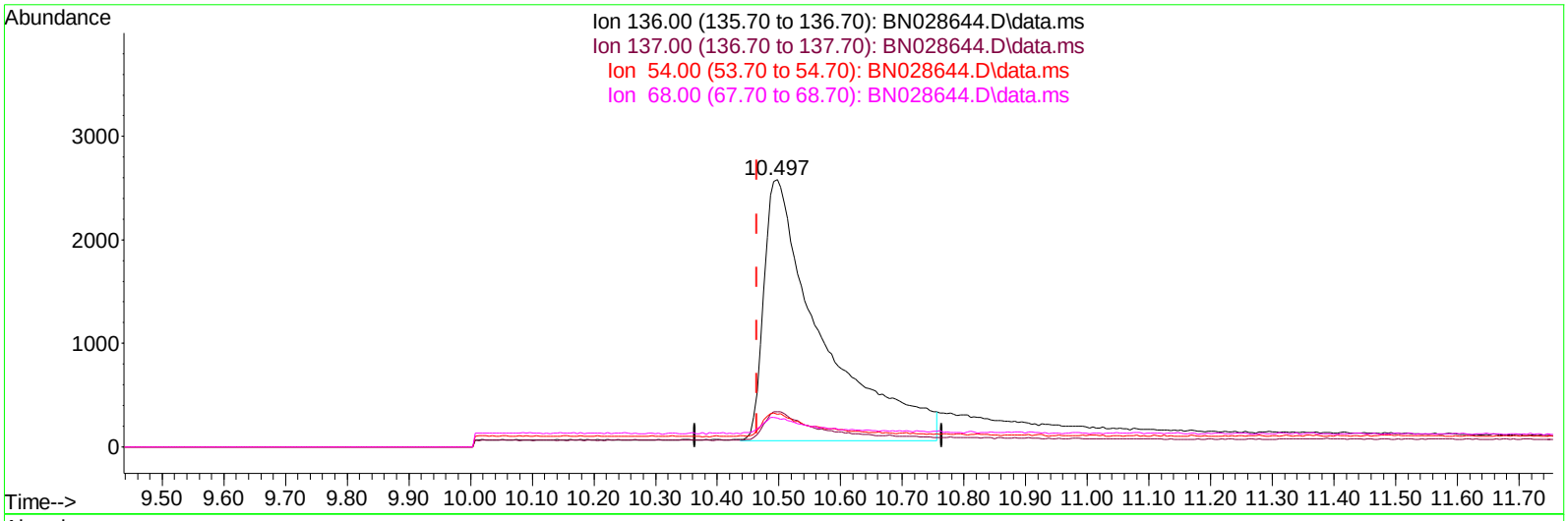

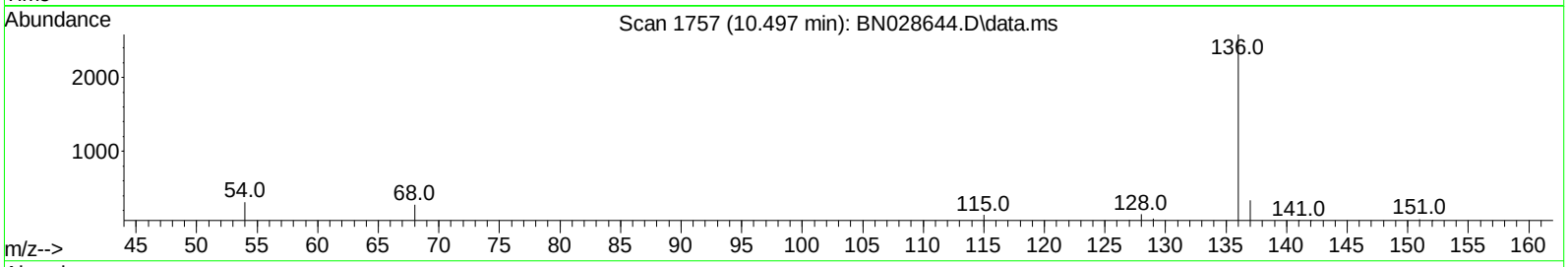

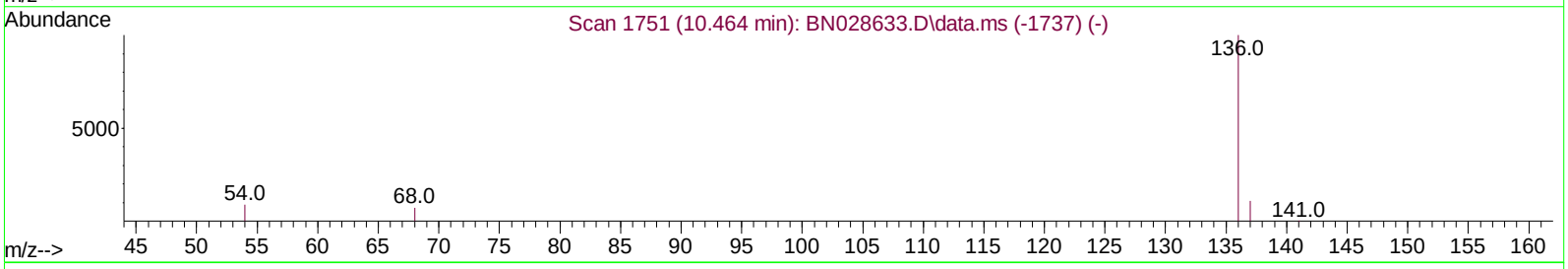

TIC: BN028644.D\data.ms

(4) Naphthalene-d8 (I)

10.497min (+ 0.033) 0.40 ng/ul m

response 16589

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	13.22
54.00	9.00	12.25#
68.00	7.10	10.74#

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028644.D
Acq On : 16 Nov 2023 01:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 16 13:54:39 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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Instrument :
BNA_N
LabSampleId :
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Manual IntegrationsAPPROVED

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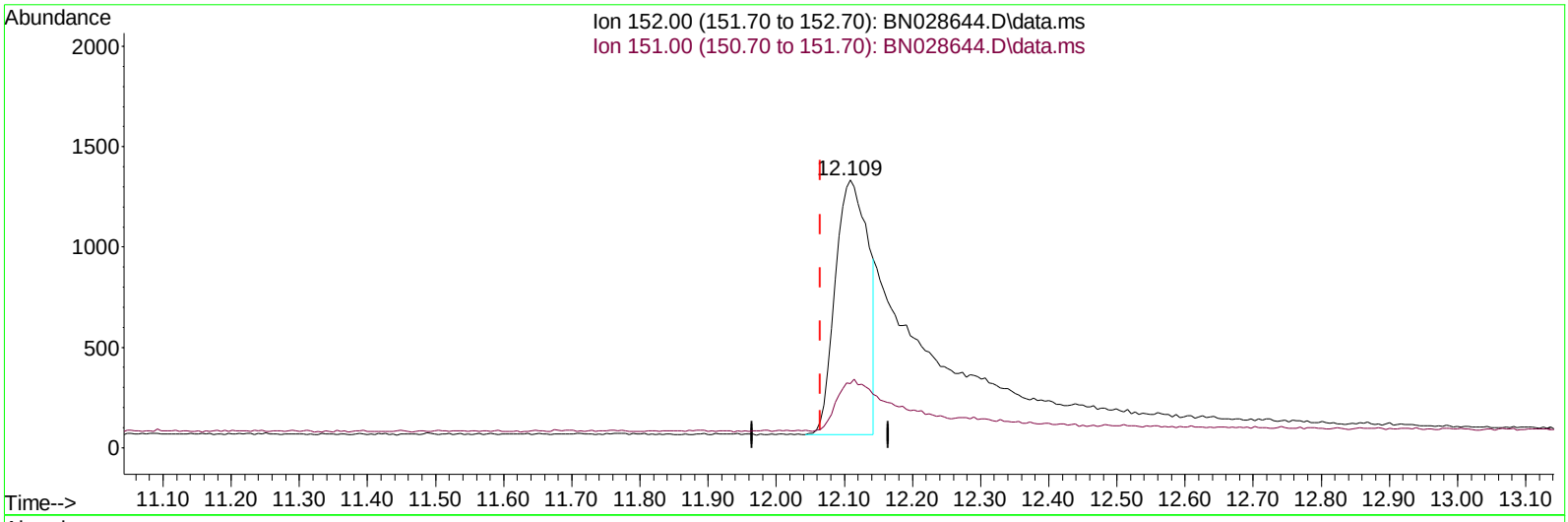

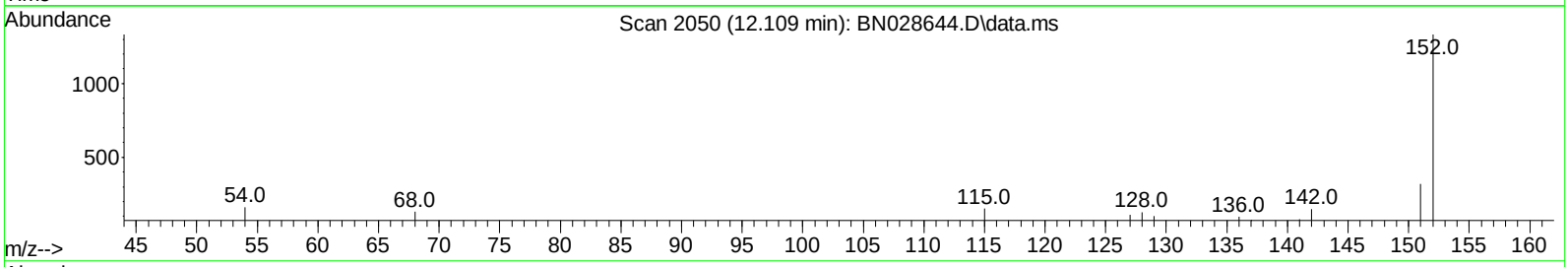

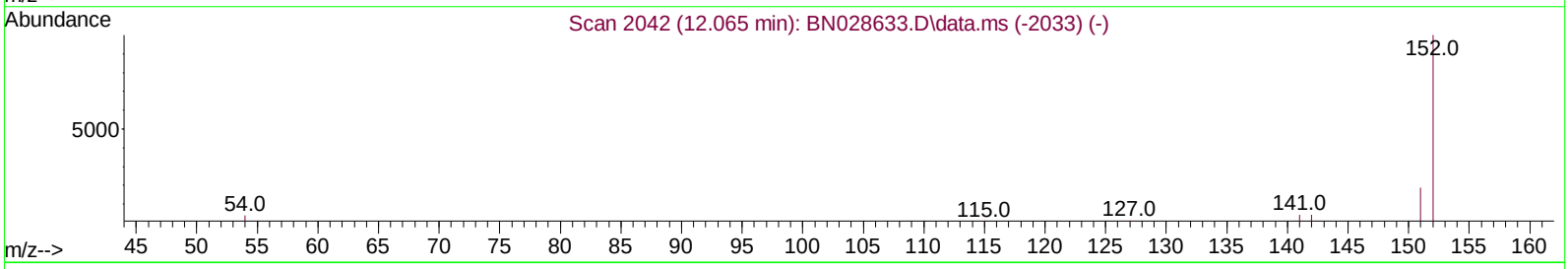

TIC: BN028644.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.109min (+ 0.044) 0.17 ng/ul

response 4238

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	19.80
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028644.D
Acq On : 16 Nov 2023 01:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 16 13:54:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

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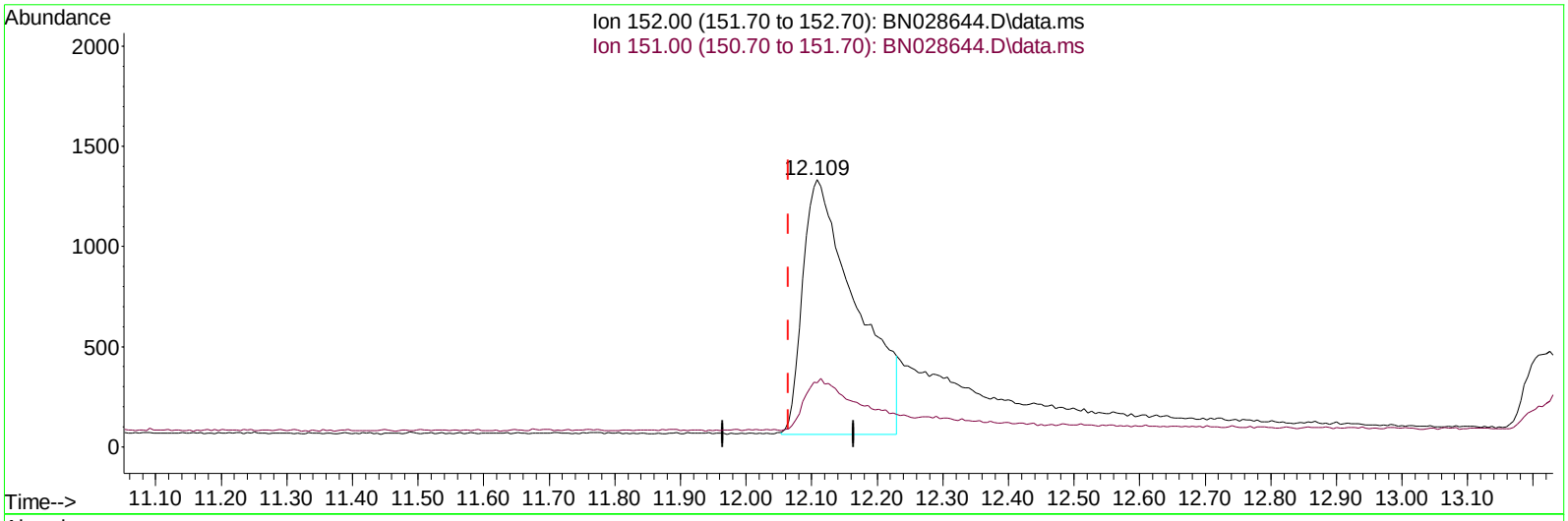

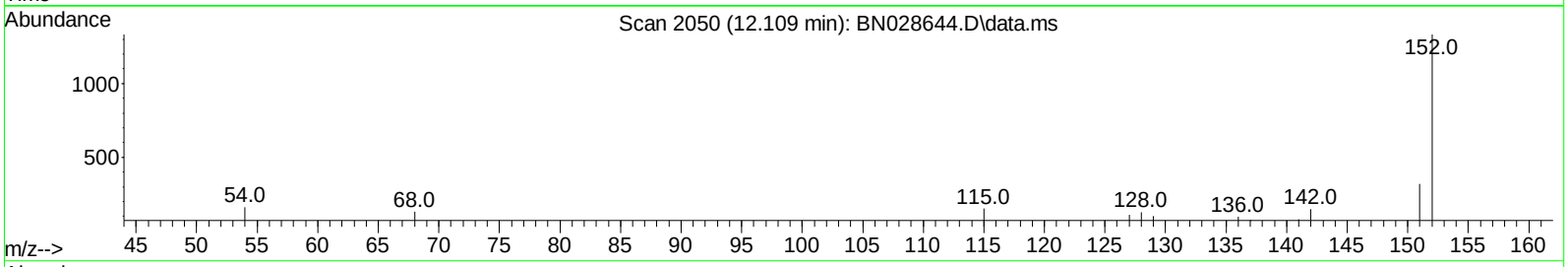

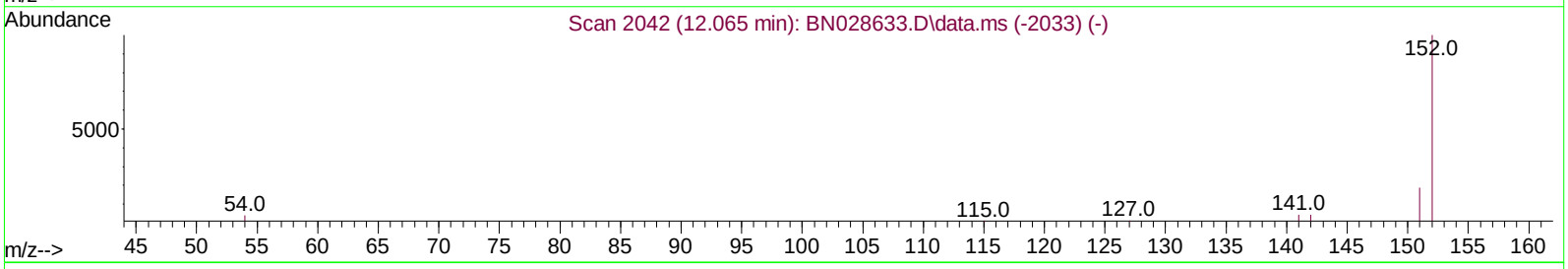

TIC: BN028644.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.109min (+ 0.044) 0.29 ng/ul m

response 7211

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	11.64#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028644.D
Acq On : 16 Nov 2023 01:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 16 13:54:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

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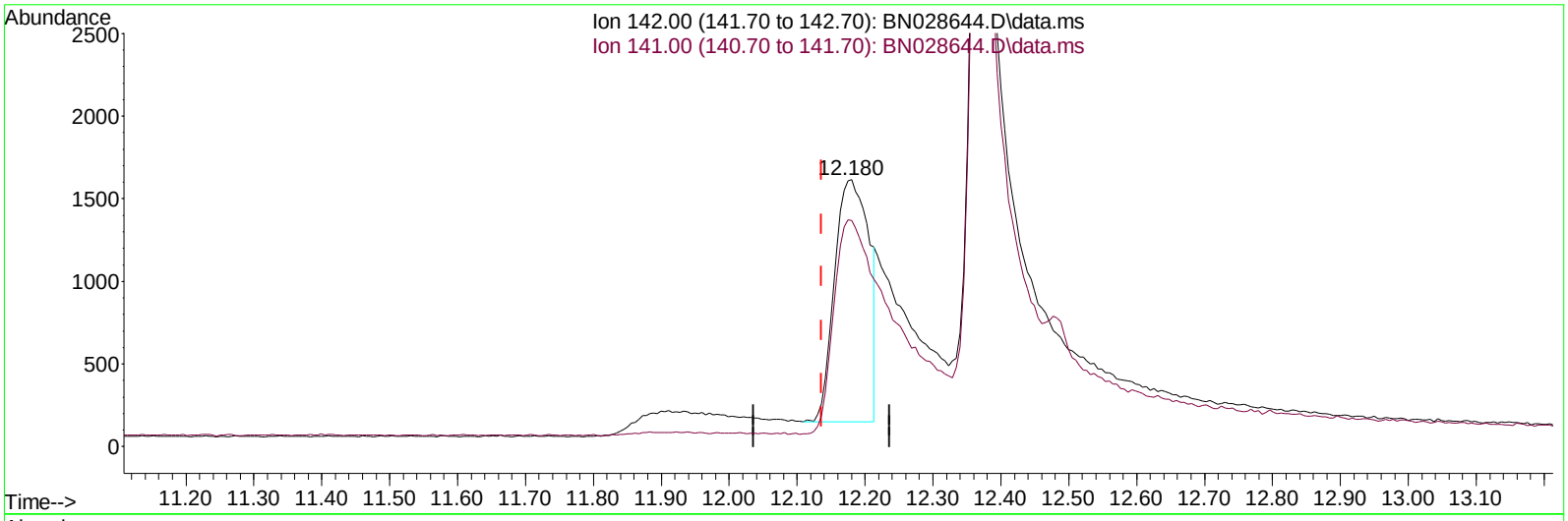
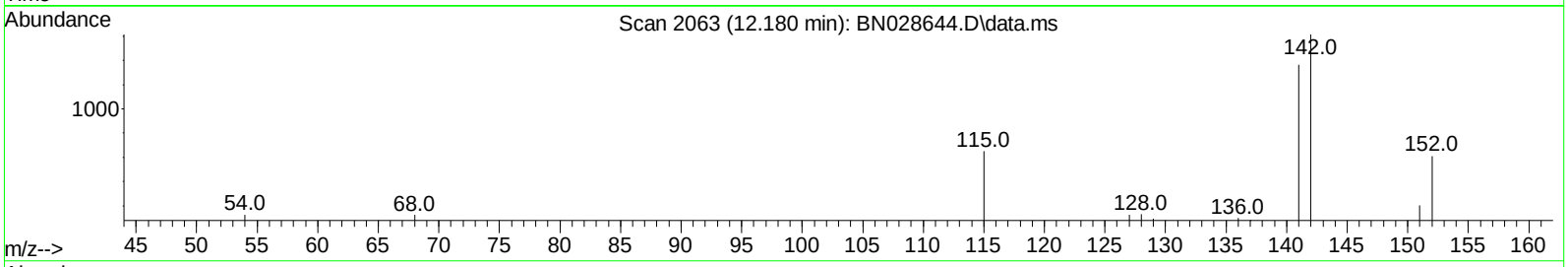
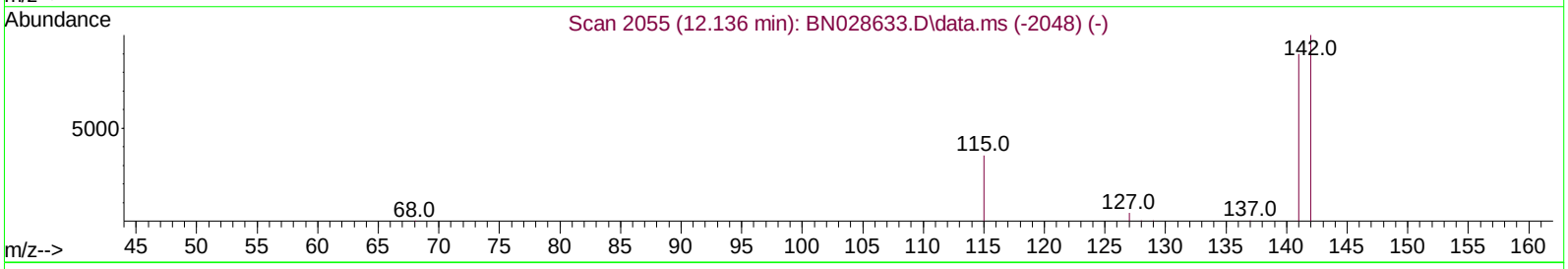






TIC: BN028644.D\data.ms

(7) 2-Methylnaphthalene

12.180min (+ 0.044) 0.17 ng/ul

response 5185

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	89.72
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

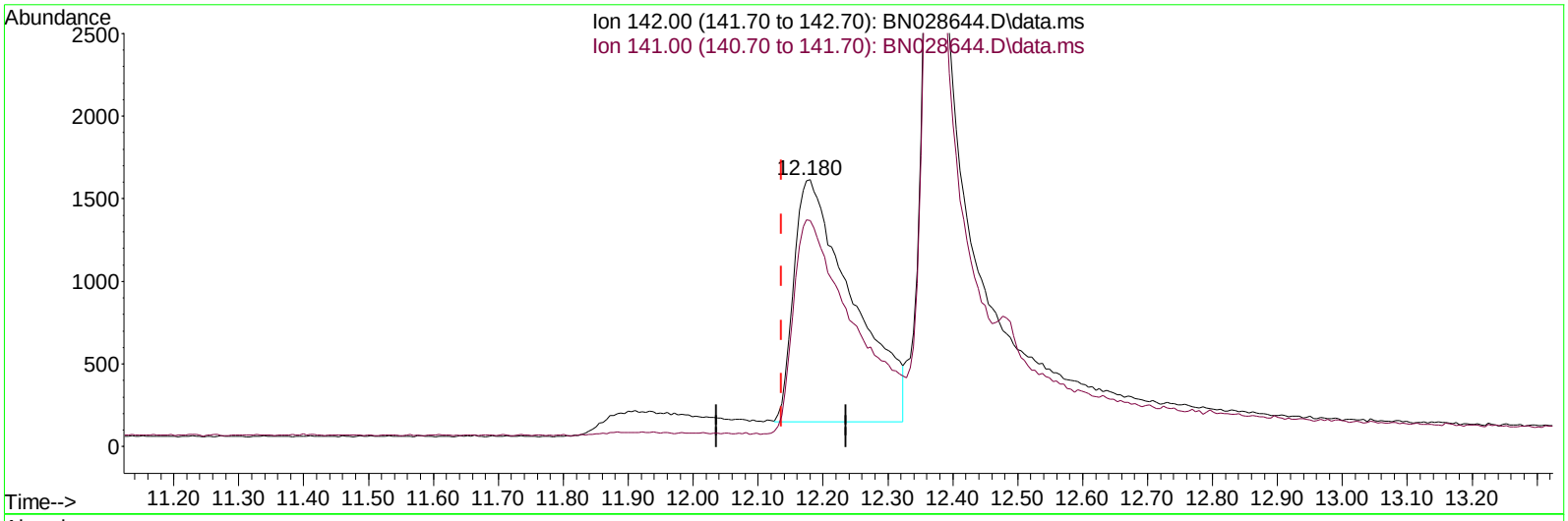
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028644.D
Acq On : 16 Nov 2023 01:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

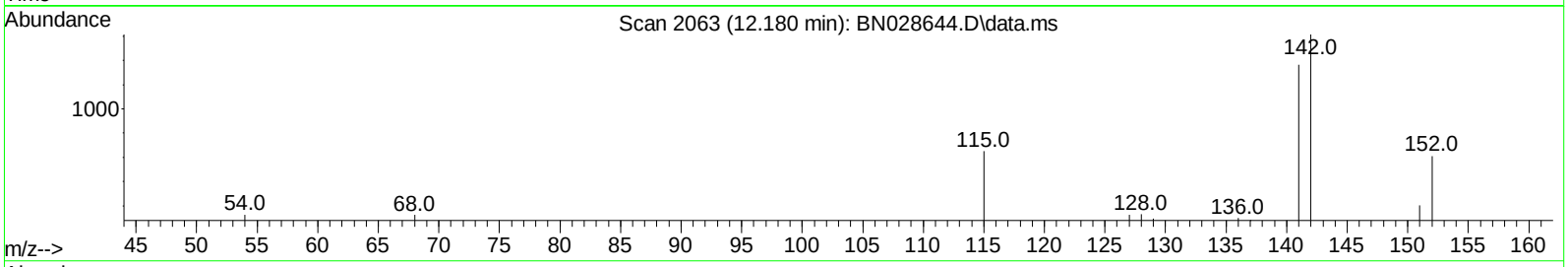
Quant Time: Nov 16 13:54:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 07:25:53 2023
Response via : Initial Calibration

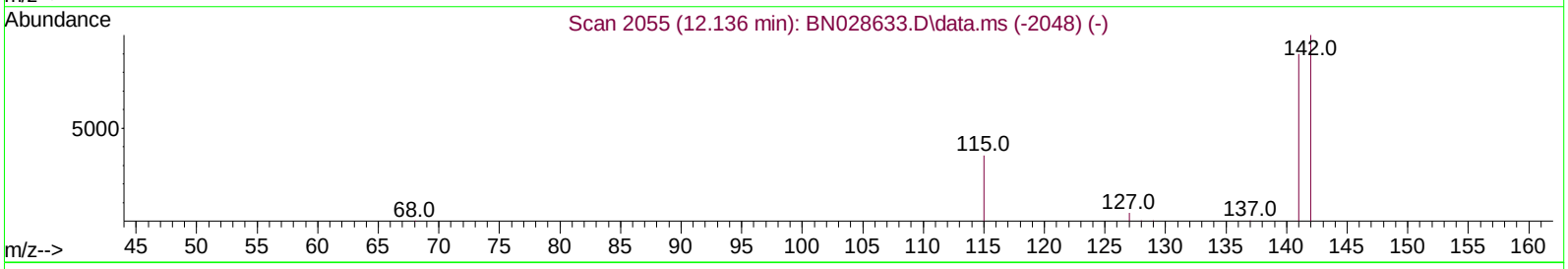
Instrument :
BNA_N
LabSampleId :
SSTDCCC0.4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023







TIC: BN028644.D\data.ms

(7) 2-Methylnaphthalene

12.180min (+ 0.044) 0.30 ng/ul m

response 9173

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	50.71#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028644.D
Acq On : 16 Nov 2023 01:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	5456m	0.400	ng/ul	0.09
4) Naphthalene-d8	10.497	136	16589m	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.327	164	11262	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.091	188	15119	0.400	ng/ul	0.01
17) Chrysene-d12	21.296	240	18813	0.400	ng/ul	0.00
23) Perylene-d12	23.581	264	19460	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	3134m	0.520	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.109	152	7211m	0.289	ng/ul	0.04
18) Fluoranthene-d10	19.119	212	23302	0.385	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.156	88	3017m	0.453	ng/ul	
5) Naphthalene	10.541	128	15918	0.342	ng/ul	96
7) 2-Methylnaphthalene	12.180	142	9173m	0.299	ng/ul	
8) 1-Methylnaphthalene	12.373	142	11383	0.366	ng/ul	100
10) Acenaphthylene	14.054	152	21766	0.387	ng/ul	98
11) Acenaphthene	14.392	153	17908	0.433	ng/ul	99
12) Fluorene	15.396	166	14937	0.310	ng/ul	98
14) Pentachlorophenol	16.758	266	1411	0.389	ng/ul	99
15) Phenanthrene	17.134	178	21851	0.470	ng/ul	98
16) Anthracene	17.239	178	11624	0.273	ng/ul	95
19) Fluoranthene	19.152	202	31474	0.393	ng/ul	100
20) Pyrene	19.514	202	36644	0.442	ng/ul	98
21) Benzo(a)anthracene	21.278	228	22097	0.297	ng/ul	98
22) Chrysene	21.331	228	28394	0.390	ng/ul	99
24) Benzo(b)fluoranthene	22.888	252	28071	0.384	ng/ul	92
25) Benzo(k)fluoranthene	22.935	252	34234	0.448	ng/ul	94
26) Benzo(a)pyrene	23.485	252	29048	0.421	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.927	276	38327	0.501	ng/ul#	45
28) Dibenzo(a,h)anthracene	25.954	278	28663	0.469	ng/ul	96
29) Benzo(g,h,i)perylene	26.642	276	34061	0.543	ng/ul	99

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

Quantitation Report (QT Reviewed)

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