Quantitation Report (Qedit)

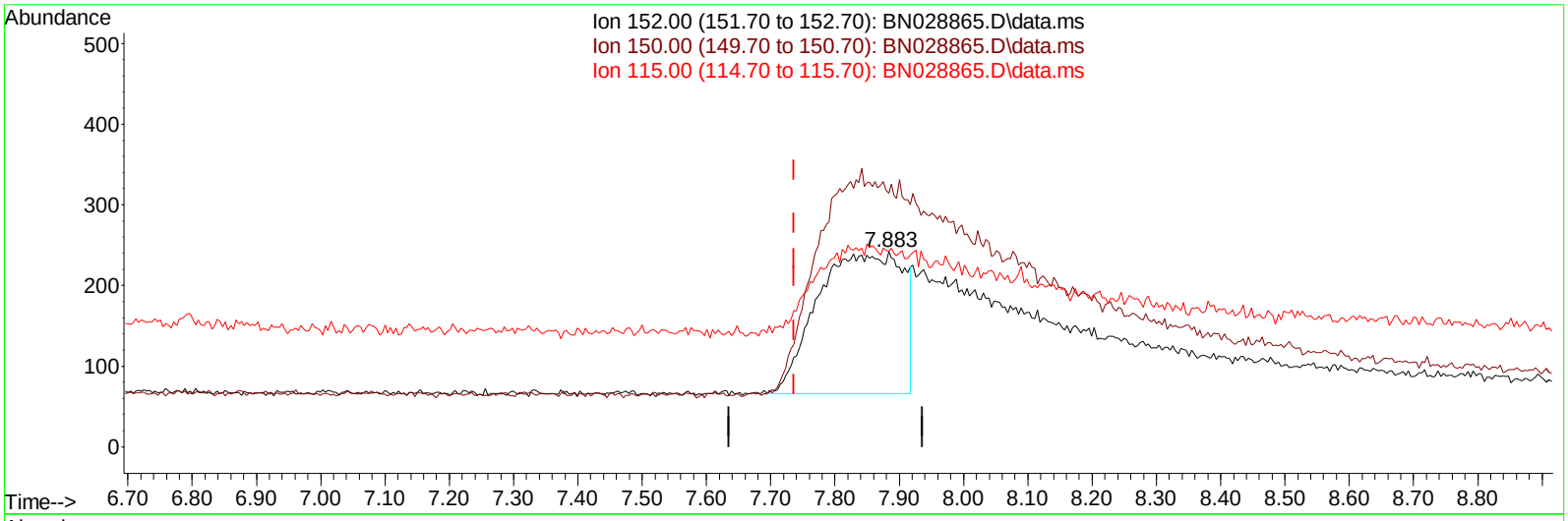
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028865.D
Acq On : 24 Nov 2023 19:25
Operator : MA/JU
Sample : PB157174BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

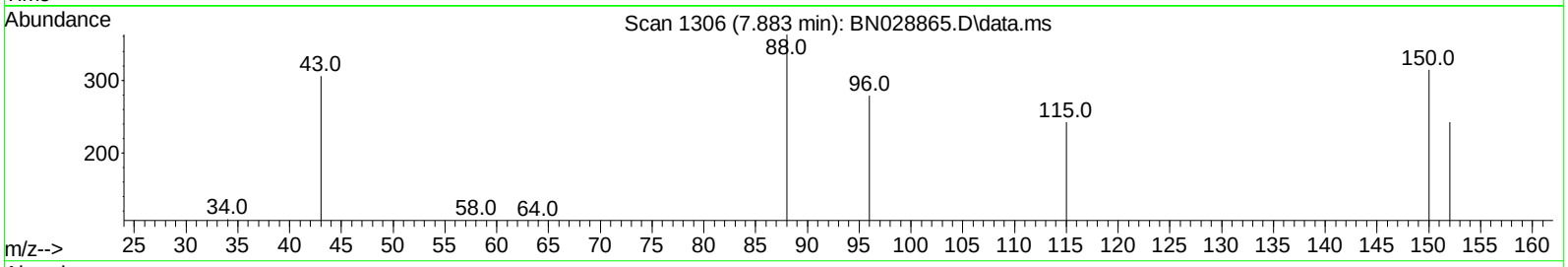
Quant Time: Nov 25 01:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

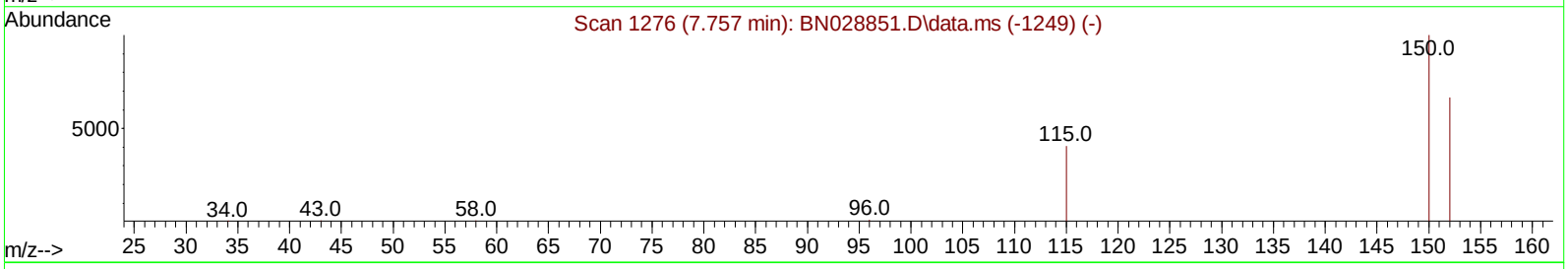
Instrument :
BNA_N
ClientSampleId :
SLCS174

Manual IntegrationsAPPROVED

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







TIC: BN028865.D\data.ms

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

7.883min (+ 0.147) 0.40 ng/ul

response 1614

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	129.75
115.00	62.20	100.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

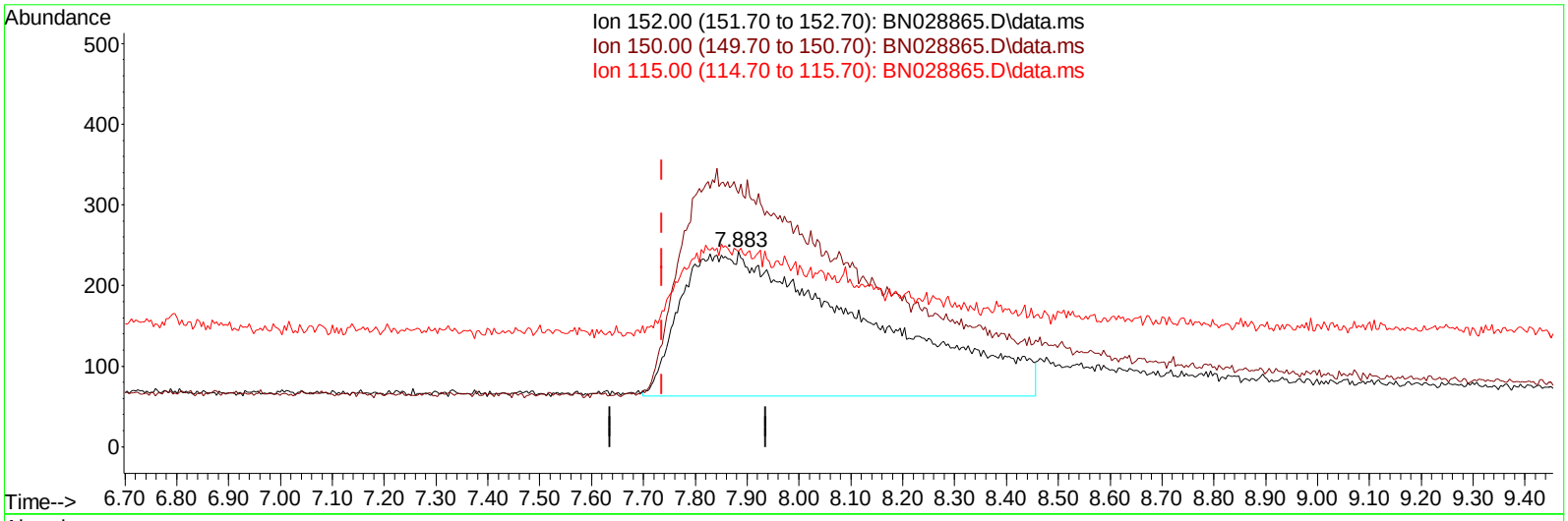
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028865.D
Acq On : 24 Nov 2023 19:25
Operator : MA/JU
Sample : PB157174BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

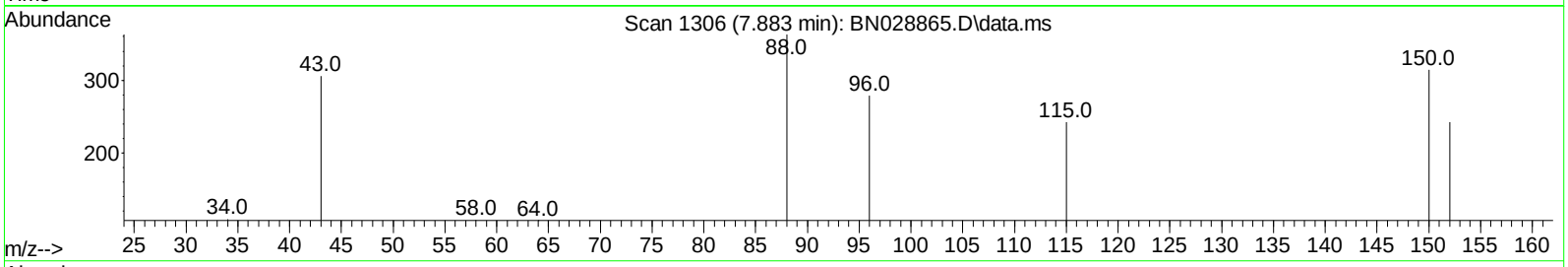
Quant Time: Nov 25 01:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

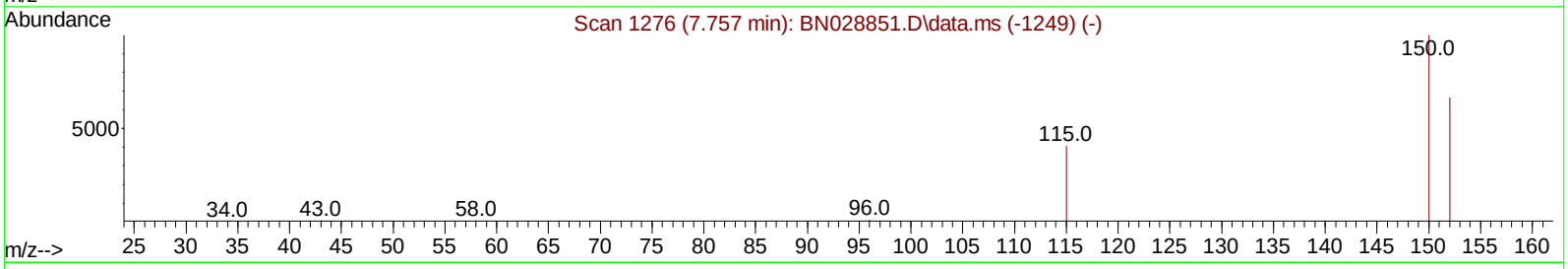
Instrument :
BNA_N
ClientSampleId :
SLCS174

Manual IntegrationsAPPROVED

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







TIC: BN028865.D\data.ms

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

7.883min (+ 0.147) 0.40 ng/ul m

response 4471

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	129.75
115.00	62.20	100.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

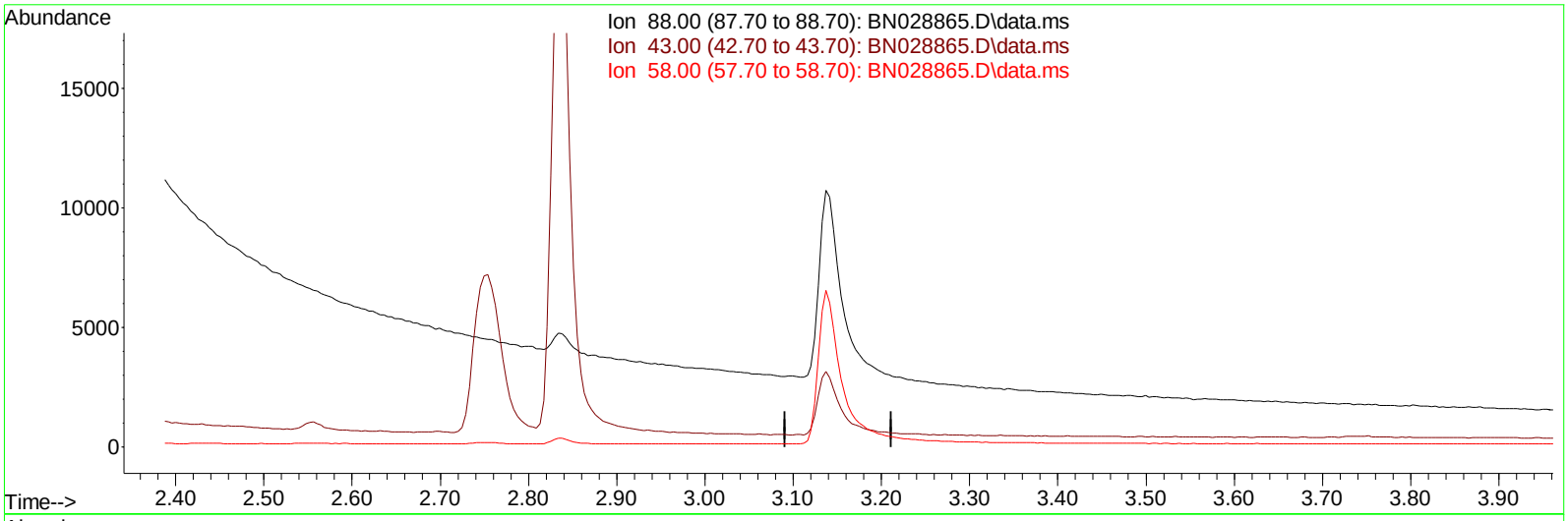
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028865.D
Acq On : 24 Nov 2023 19:25
Operator : MA/JU
Sample : PB157174BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

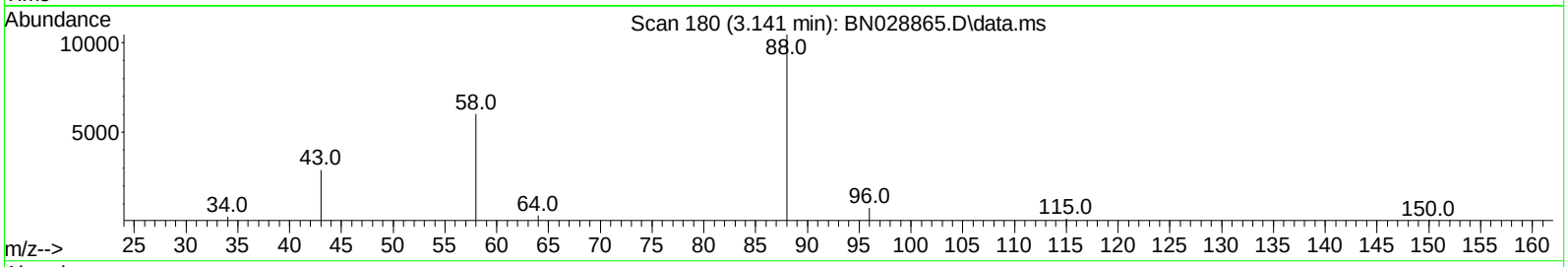
Quant Time: Nov 25 01:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

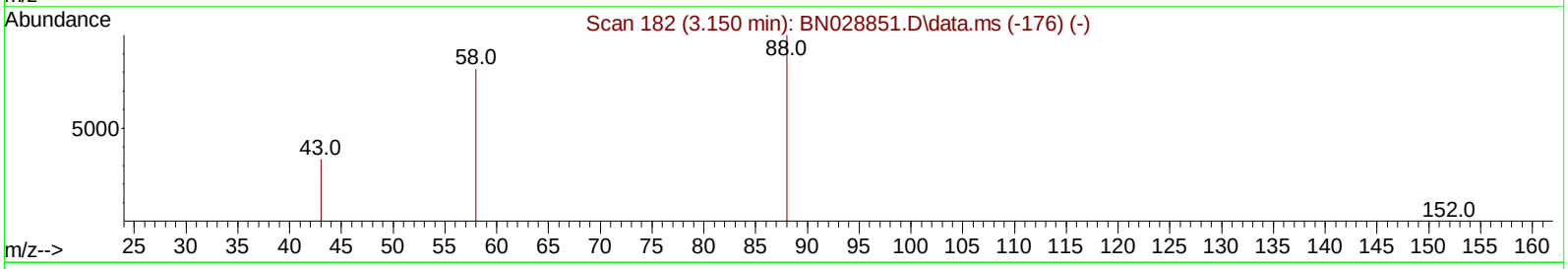
Instrument :
BNA_N
ClientSampleId :
SLCS174

Manual IntegrationsAPPROVED

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







TIC: BN028865.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)

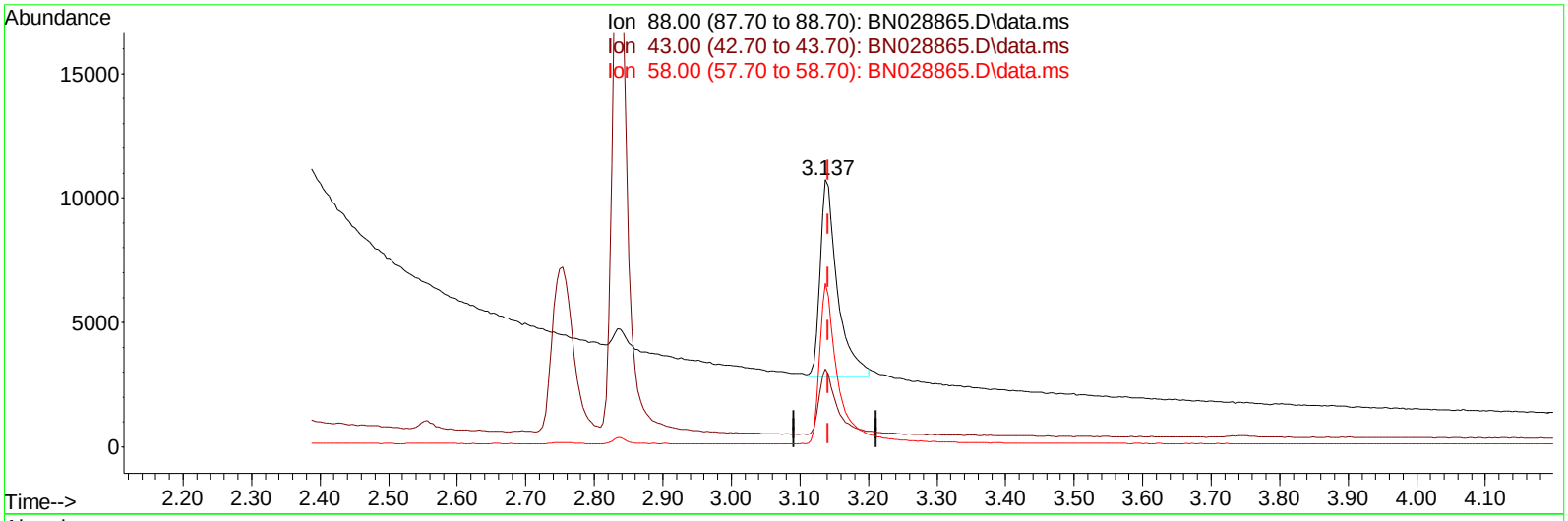
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028865.D
Acq On : 24 Nov 2023 19:25
Operator : MA/JU
Sample : PB157174BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

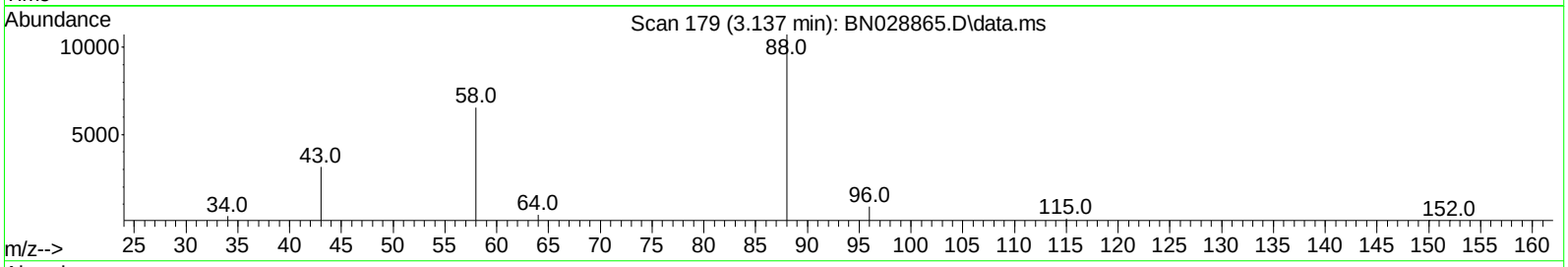
Quant Time: Nov 25 01:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

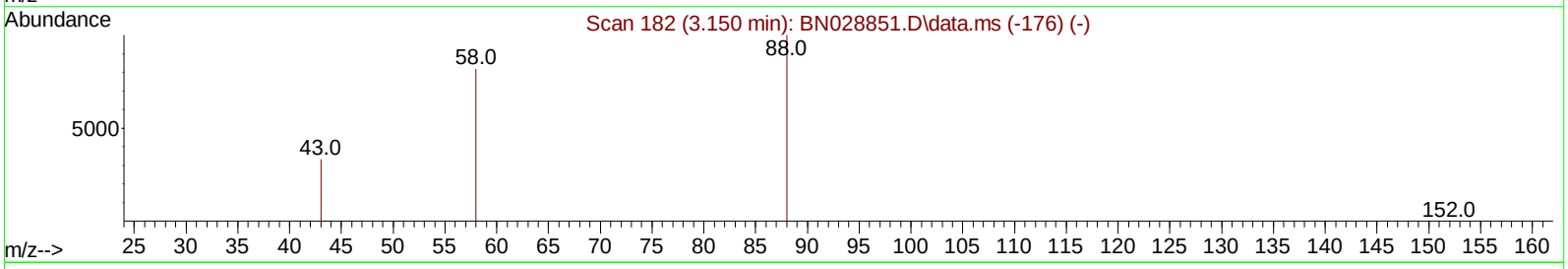
Instrument :
BNA_N
ClientSampleId :
SLCS174

Manual IntegrationsAPPROVED

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







TIC: BN028865.D\data.ms

(2) 1,4-Dioxane

3.137min (-0.004) 2.53 ng/ul m

response 13816

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	29.25#
58.00	52.30	61.07
0.00	0.00	0.00

Quantitation Report (Qedit)

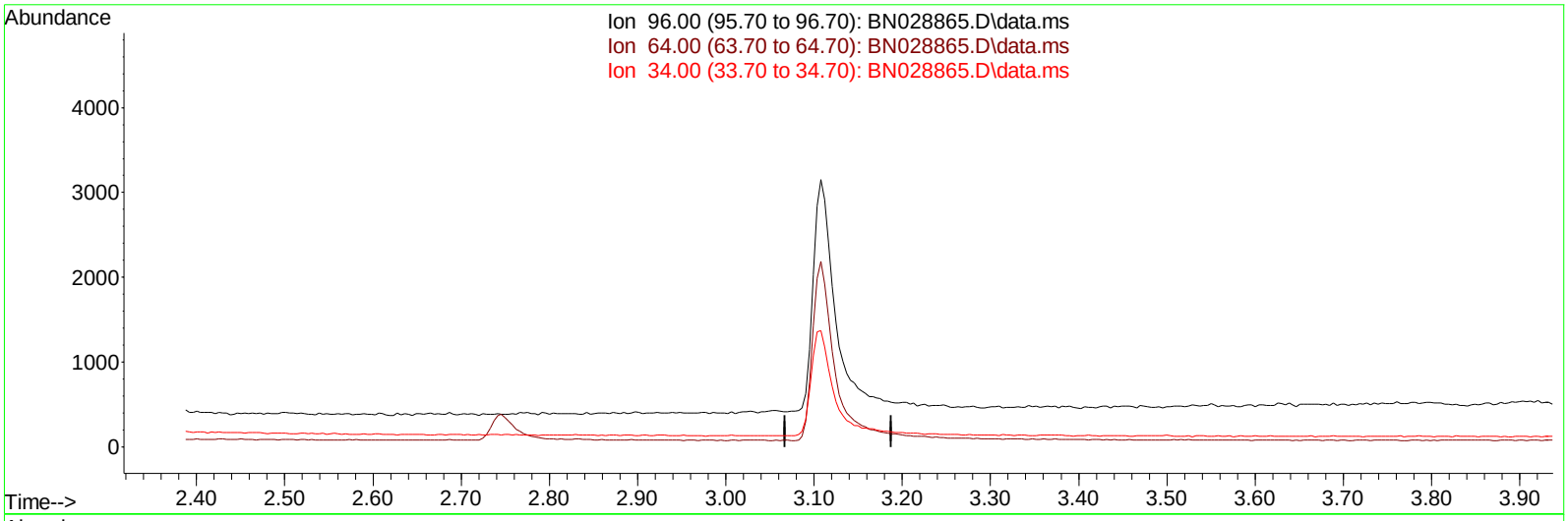
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028865.D
Acq On : 24 Nov 2023 19:25
Operator : MA/JU
Sample : PB157174BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

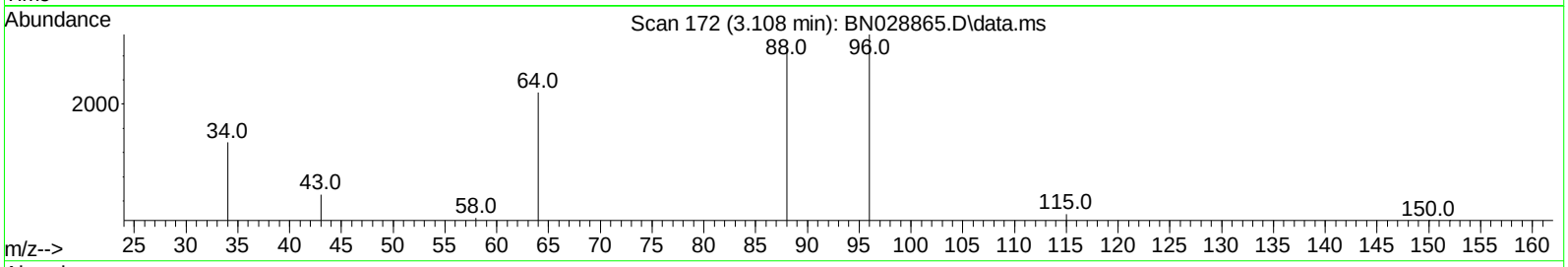
Quant Time: Nov 25 01:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

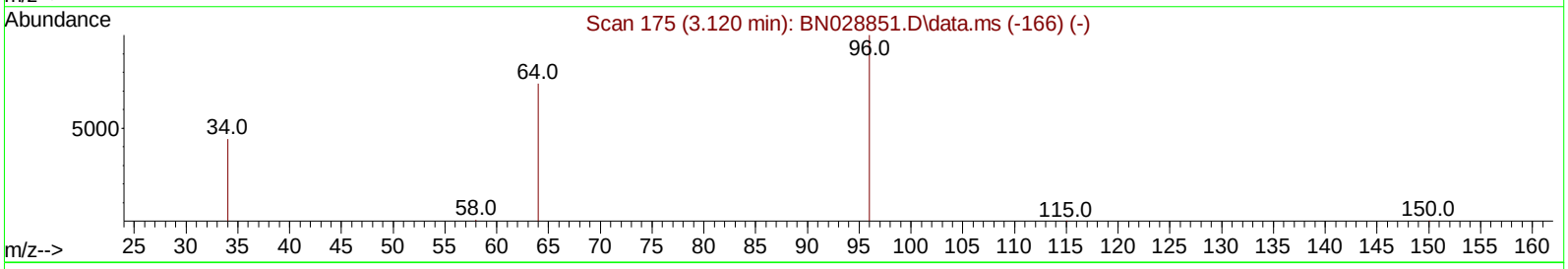
Instrument :
BNA_N
ClientSampleId :
SLCS174

Manual IntegrationsAPPROVED

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







TIC: BN028865.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)

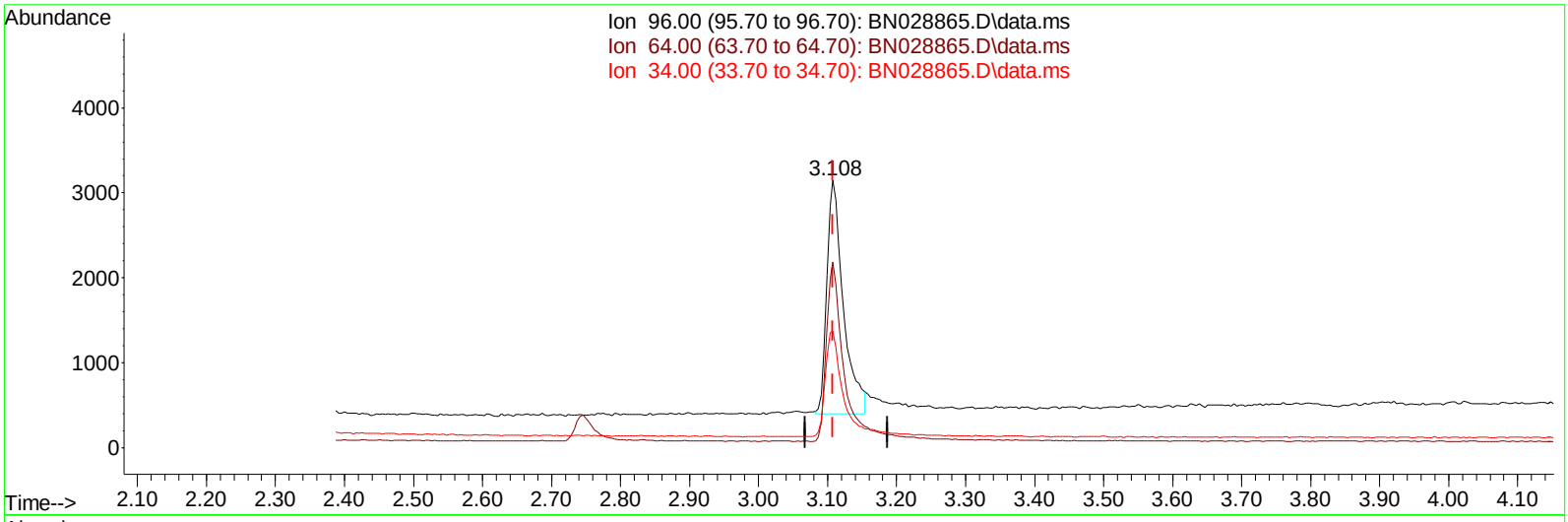
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028865.D
Acq On : 24 Nov 2023 19:25
Operator : MA/JU
Sample : PB157174BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

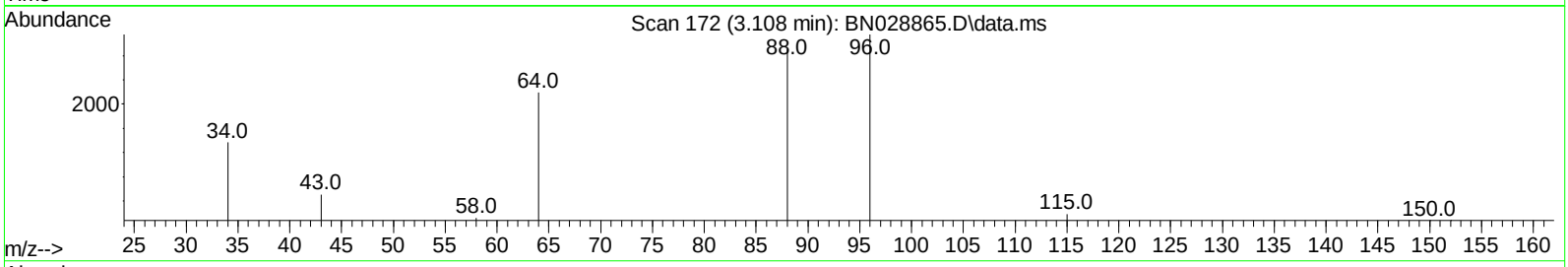
Quant Time: Nov 25 01:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

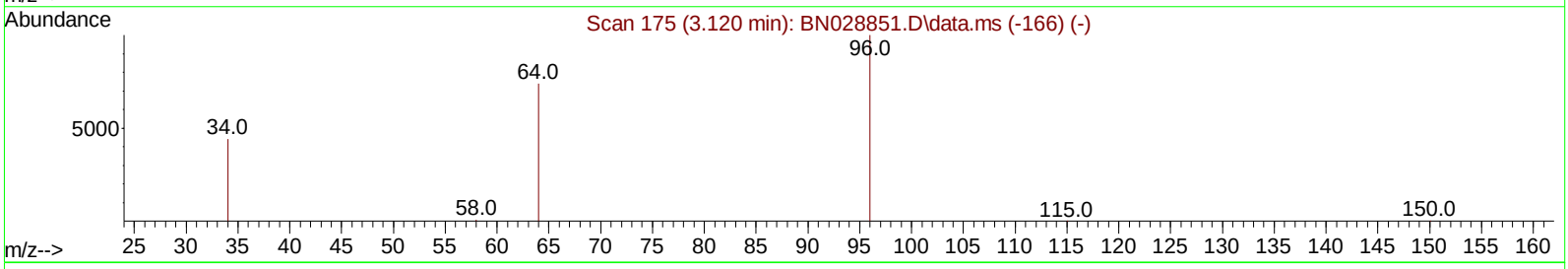
Instrument :
BNA_N
ClientSampleId :
SLCS174

Manual IntegrationsAPPROVED

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







TIC: BN028865.D\data.ms

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

3.108min (-0.000) 0.92 ng/ul m

response 4567

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	69.51
34.00	38.60	43.41
0.00	0.00	0.00

Quantitation Report (Qedit)

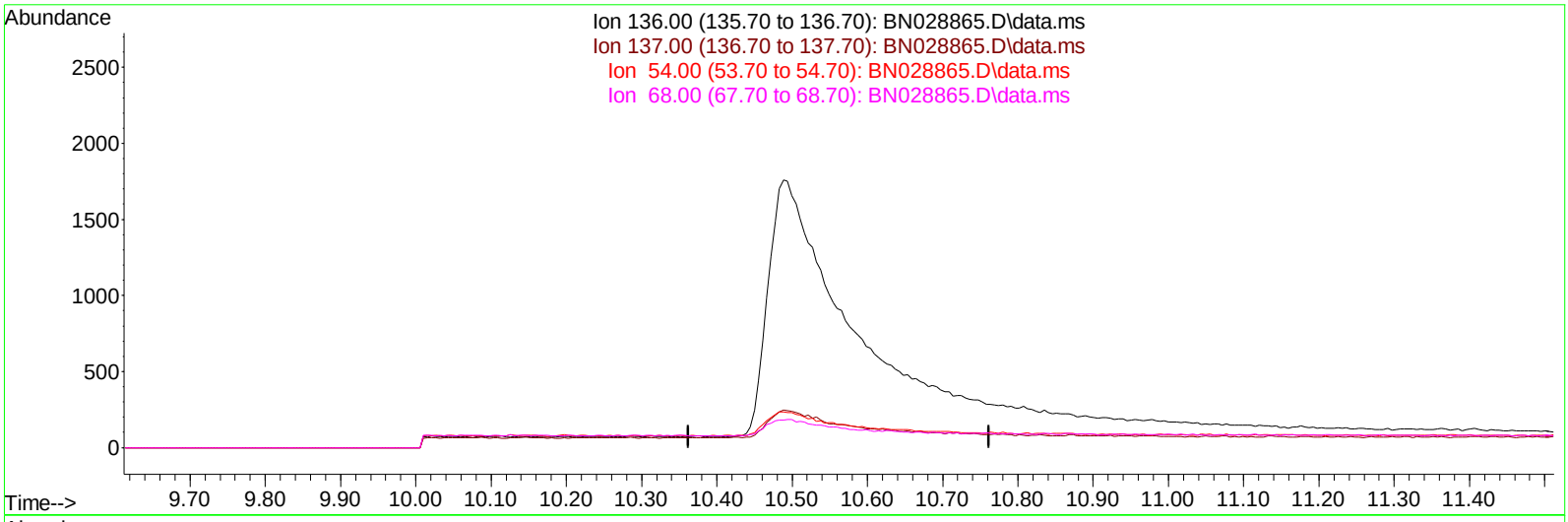
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028865.D
Acq On : 24 Nov 2023 19:25
Operator : MA/JU
Sample : PB157174BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

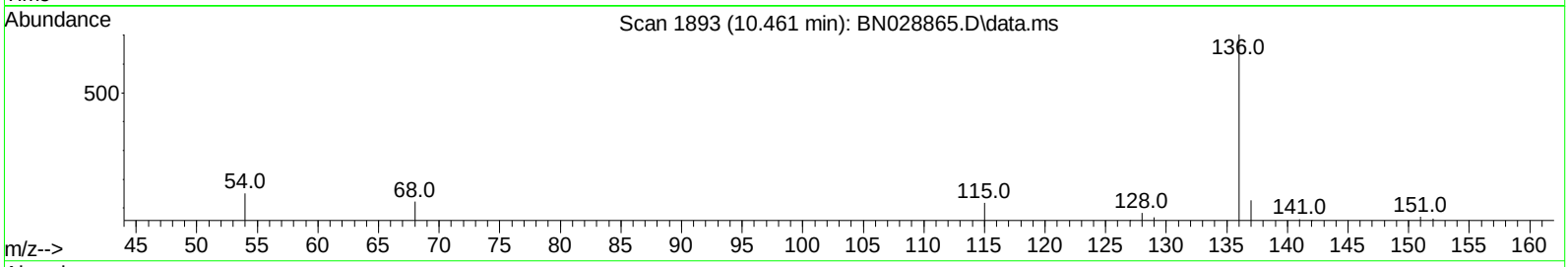
Quant Time: Nov 25 01:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

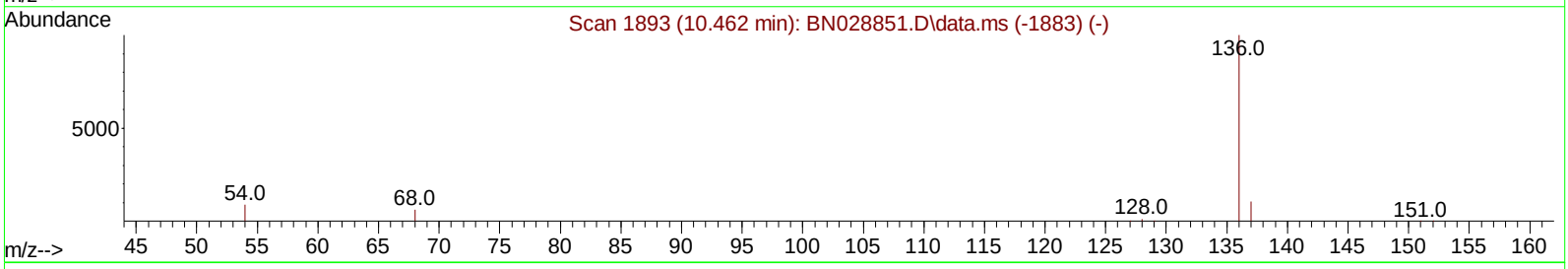
Instrument :
BNA_N
ClientSampleId :
SLCS174

Manual IntegrationsAPPROVED

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







TIC: BN028865.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)

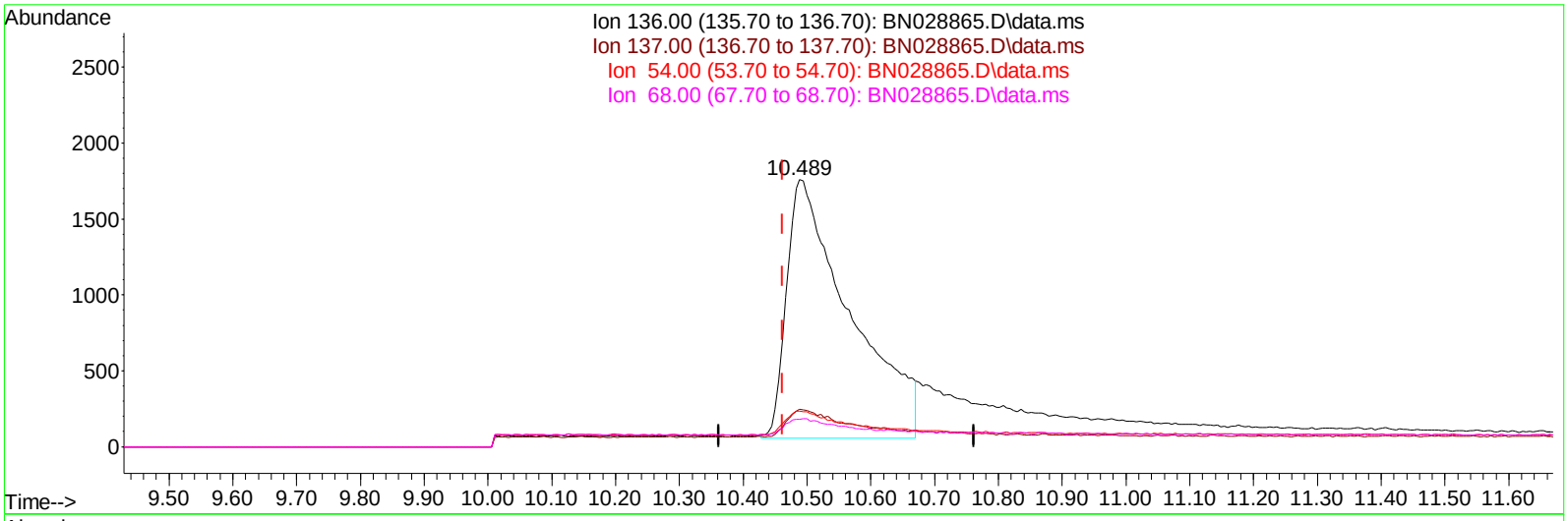
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028865.D
Acq On : 24 Nov 2023 19:25
Operator : MA/JU
Sample : PB157174BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

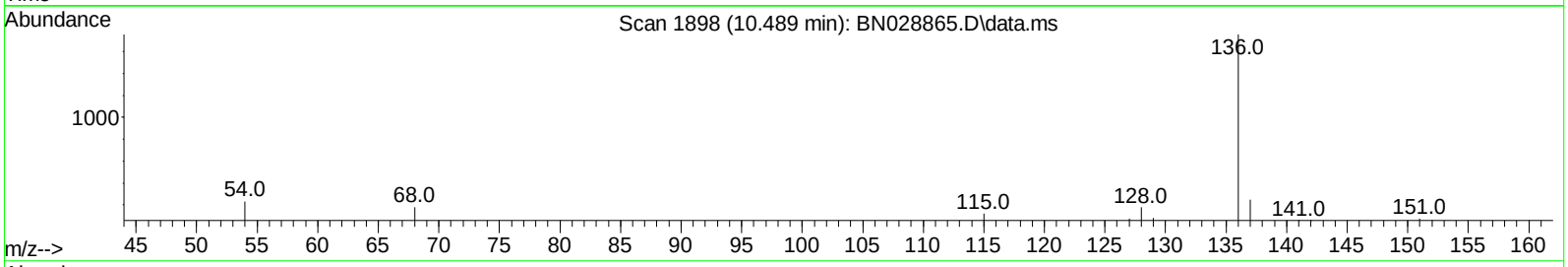
Quant Time: Nov 25 01:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

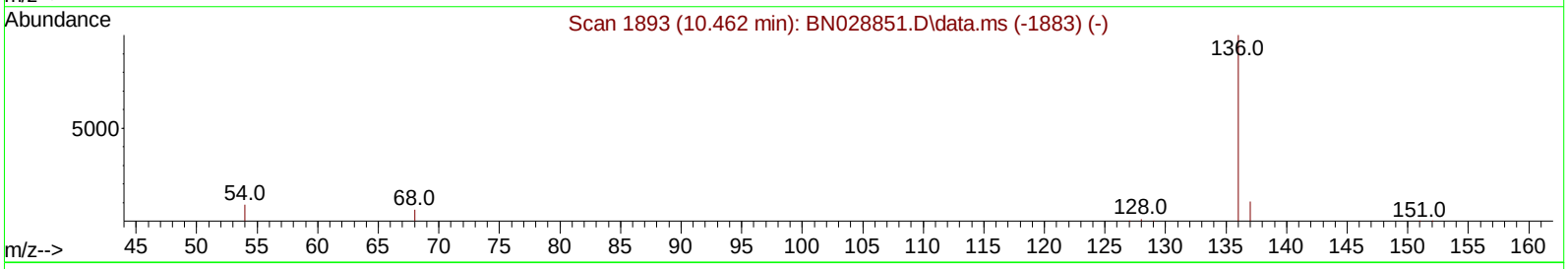
Instrument :
BNA_N
ClientSampleId :
SLCS174

Manual IntegrationsAPPROVED

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







TIC: BN028865.D\data.ms

(4) Naphthalene-d8 (I)

10.489min (+ 0.026) 0.40 ng/ul m

response 11743

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	14.05#
54.00	9.00	13.25#
68.00	7.10	10.24#

Quantitation Report (Qedit)

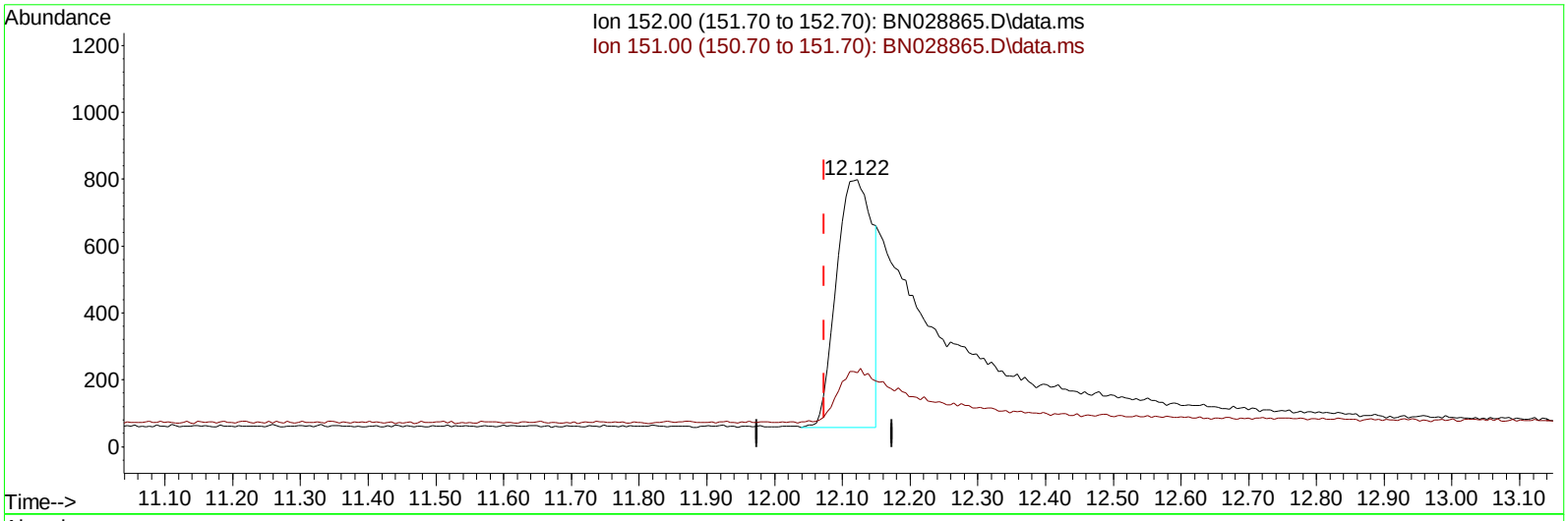
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028865.D
Acq On : 24 Nov 2023 19:25
Operator : MA/JU
Sample : PB157174BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

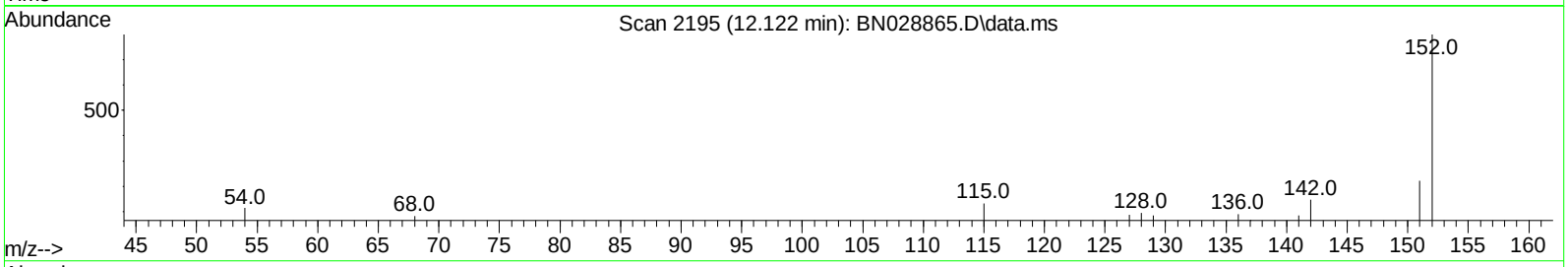
Quant Time: Nov 25 01:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

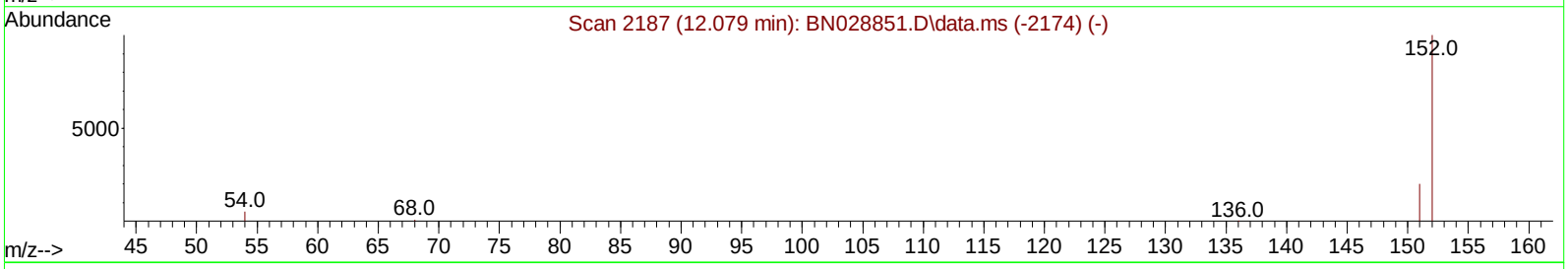
Instrument :
BNA_N
ClientSampleId :
SLCS174

Manual IntegrationsAPPROVED

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







TIC: BN028865.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.122min (+ 0.048) 0.16 ng/ul

response 2741

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	19.66
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

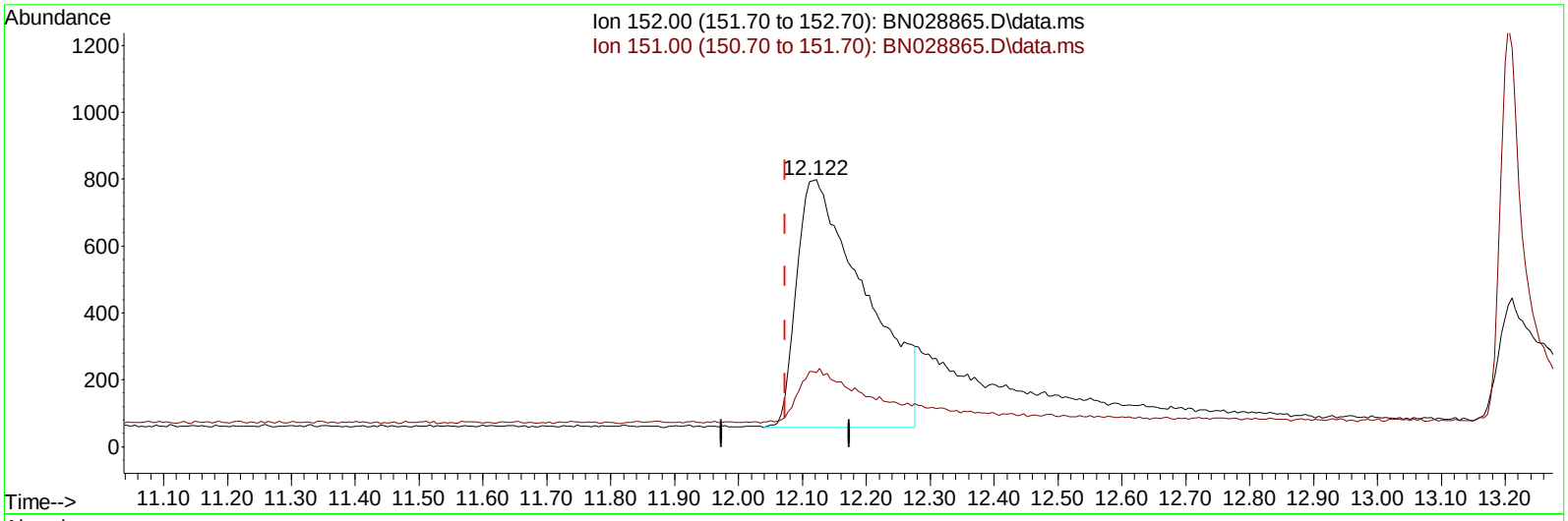
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028865.D
Acq On : 24 Nov 2023 19:25
Operator : MA/JU
Sample : PB157174BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

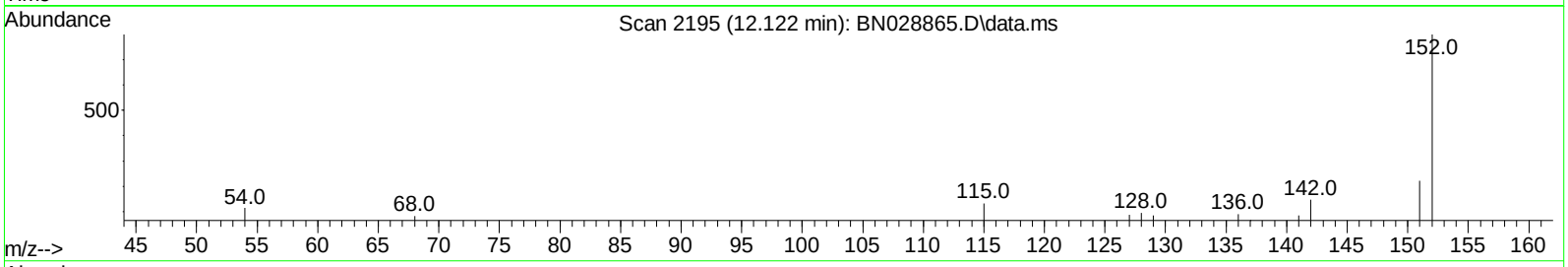
Quant Time: Nov 25 01:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

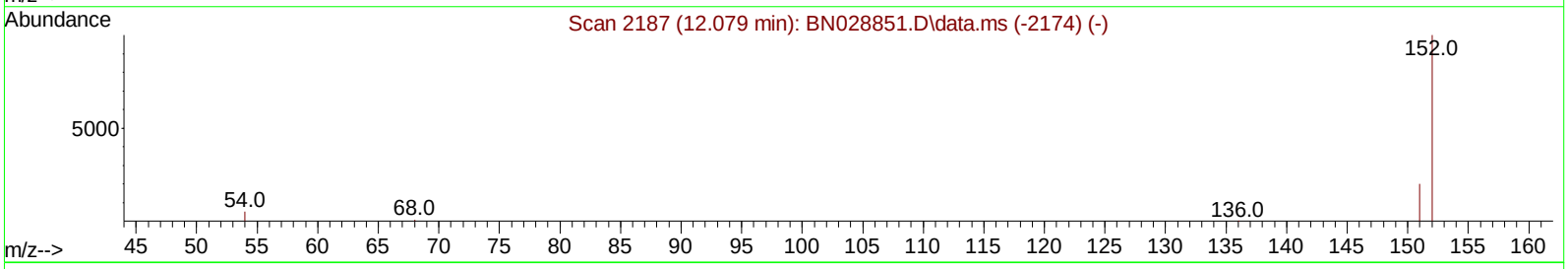
Instrument :
BNA_N
ClientSampleId :
SLCS174

Manual IntegrationsAPPROVED

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







TIC: BN028865.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.122min (+ 0.048) 0.31 ng/ul m

response 5545

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	9.72#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

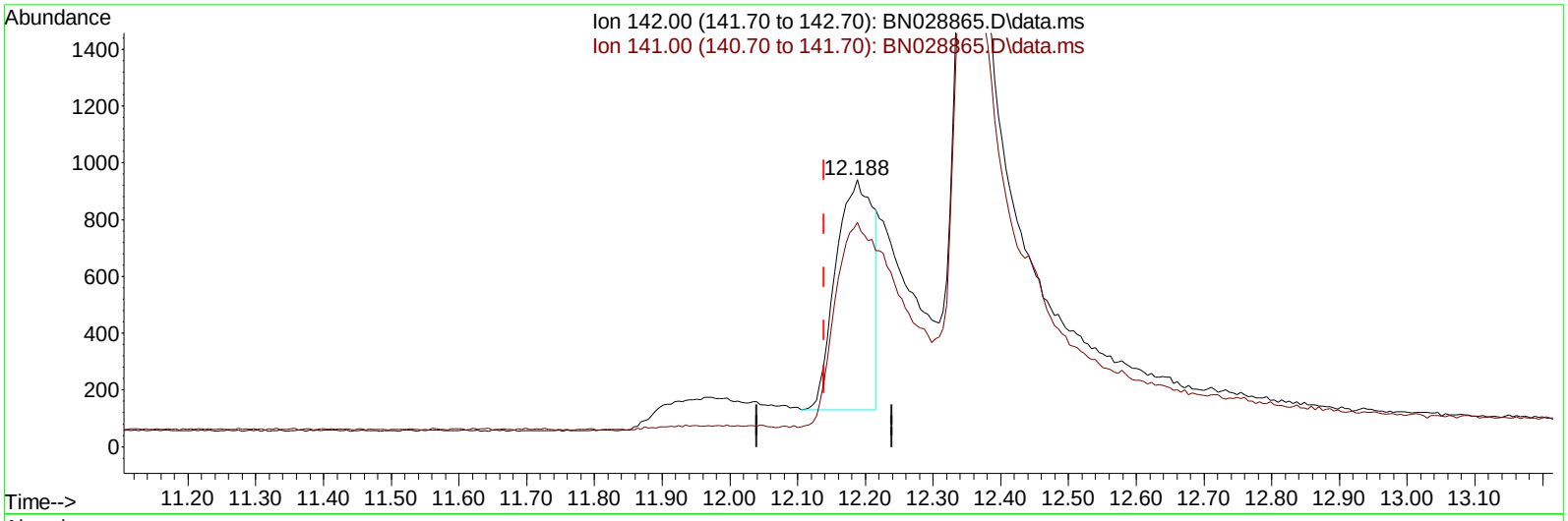
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028865.D
Acq On : 24 Nov 2023 19:25
Operator : MA/JU
Sample : PB157174BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

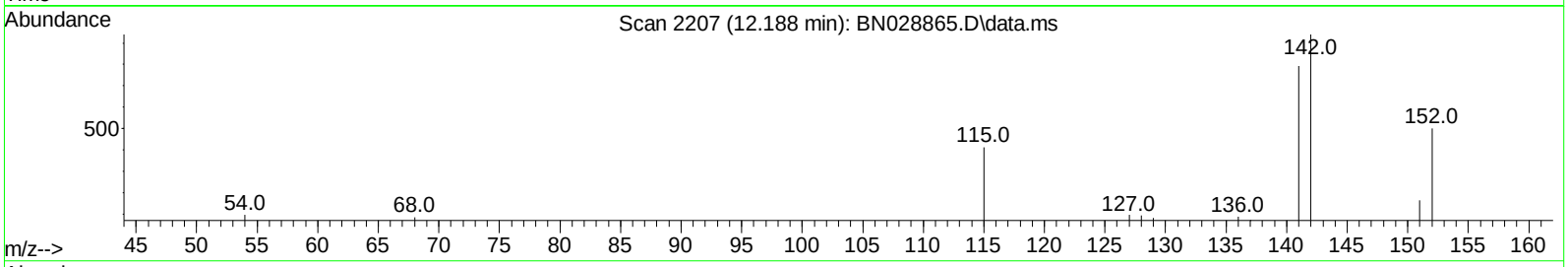
Quant Time: Nov 25 01:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

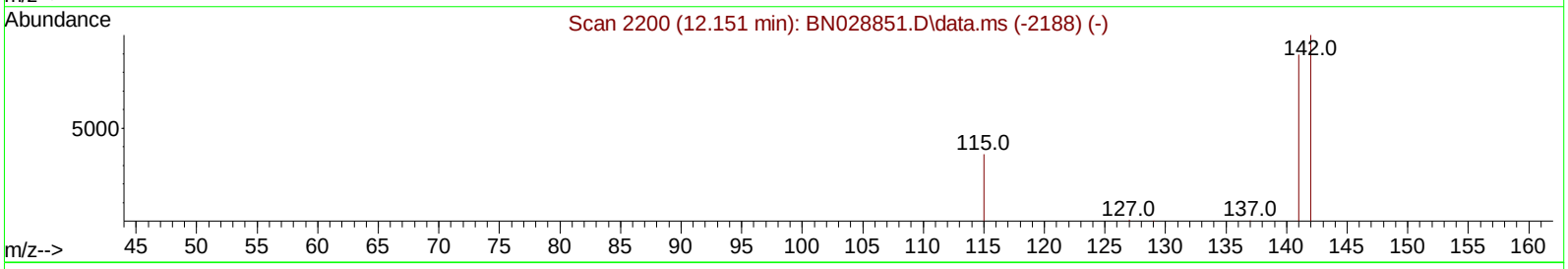
Instrument :
BNA_N
ClientSampleId :
SLCS174

Manual IntegrationsAPPROVED

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







TIC: BN028865.D\data.ms

(7) 2-Methylnaphthalene

12.188min (+ 0.048) 0.14 ng/ul

response 3102

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	90.59
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

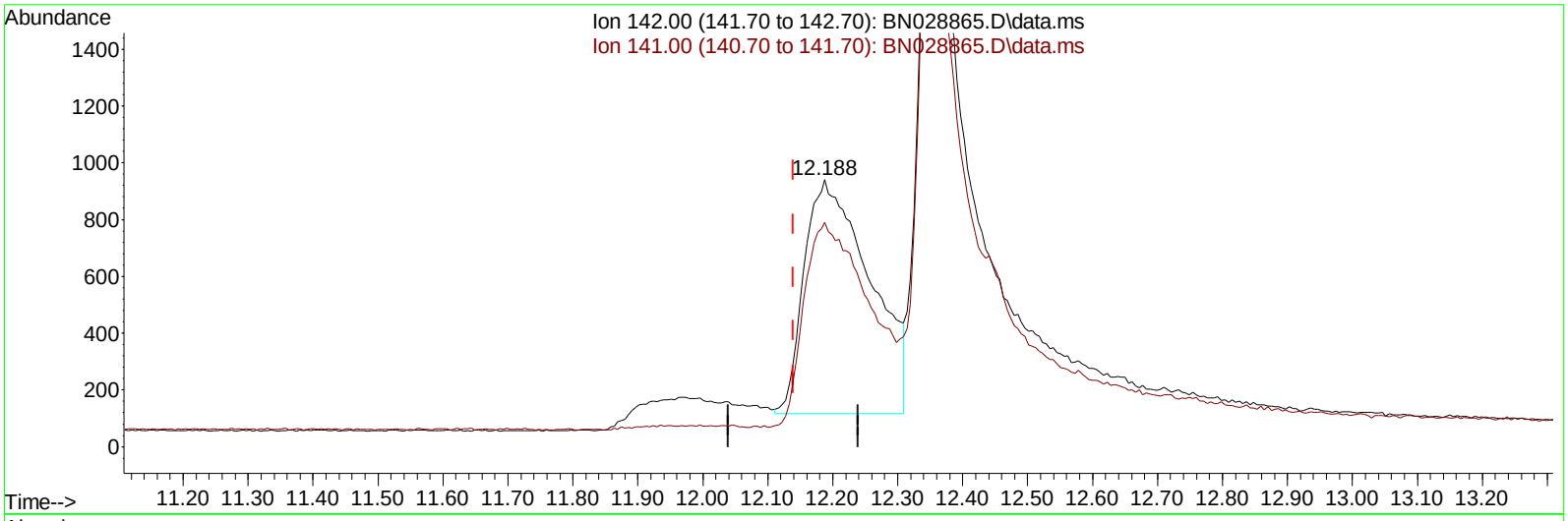
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028865.D
Acq On : 24 Nov 2023 19:25
Operator : MA/JU
Sample : PB157174BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

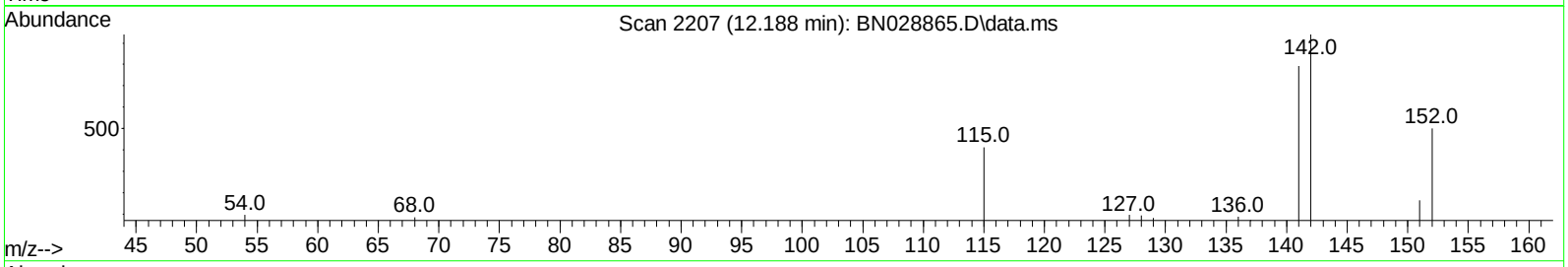
Quant Time: Nov 25 01:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

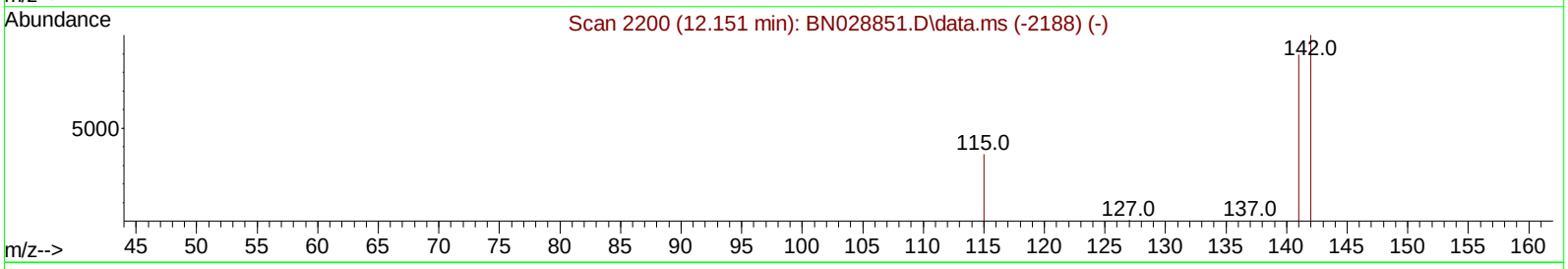
Instrument :
BNA_N
ClientSampleId :
SLCS174

Manual IntegrationsAPPROVED

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







TIC: BN028865.D\data.ms

(7) 2-Methylnaphthalene

12.188min (+ 0.048) 0.27 ng/ul m

response 5807

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	48.39#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

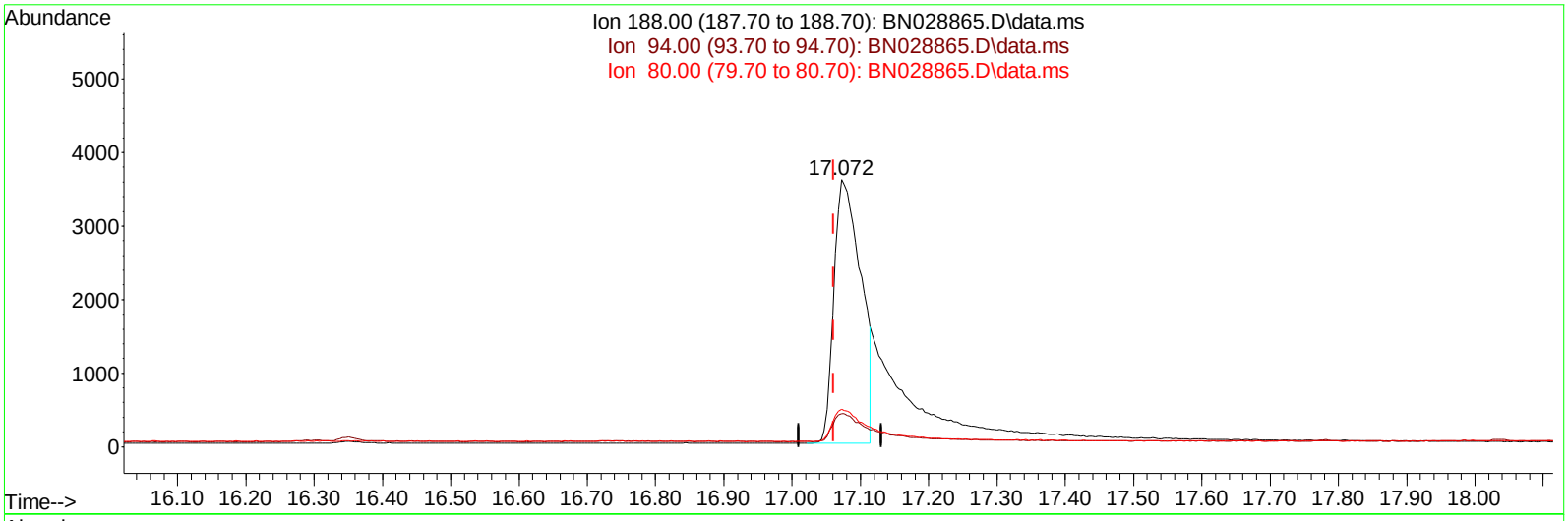
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028865.D
Acq On : 24 Nov 2023 19:25
Operator : MA/JU
Sample : PB157174BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

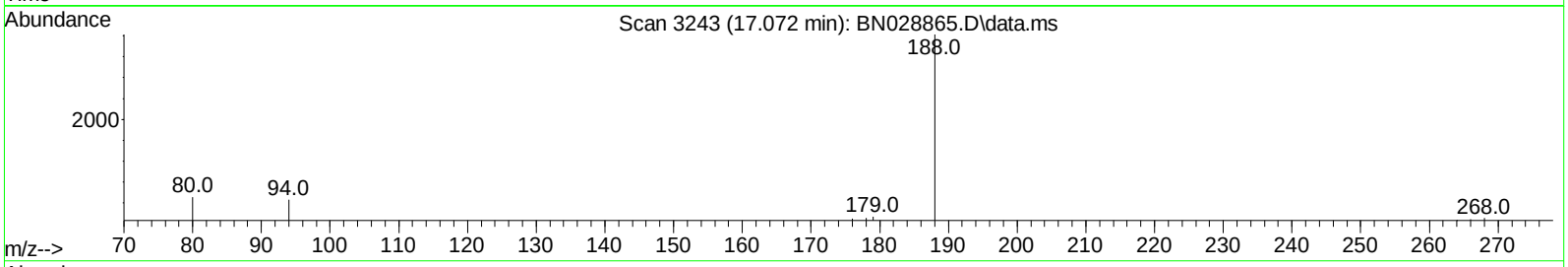
Quant Time: Nov 25 01:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

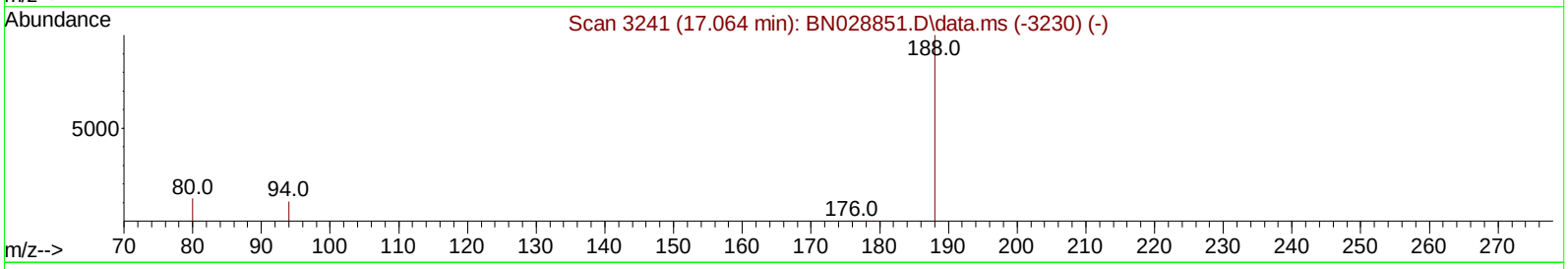
Instrument :
BNA_N
ClientSampleId :
SLCS174

Manual IntegrationsAPPROVED

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







TIC: BN028865.D\data.ms

(13) Phenanthrene-d10 (I)

17.072min (+ 0.011) 0.40 ng/ul

response 9789

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	12.51#
80.00	10.90	13.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

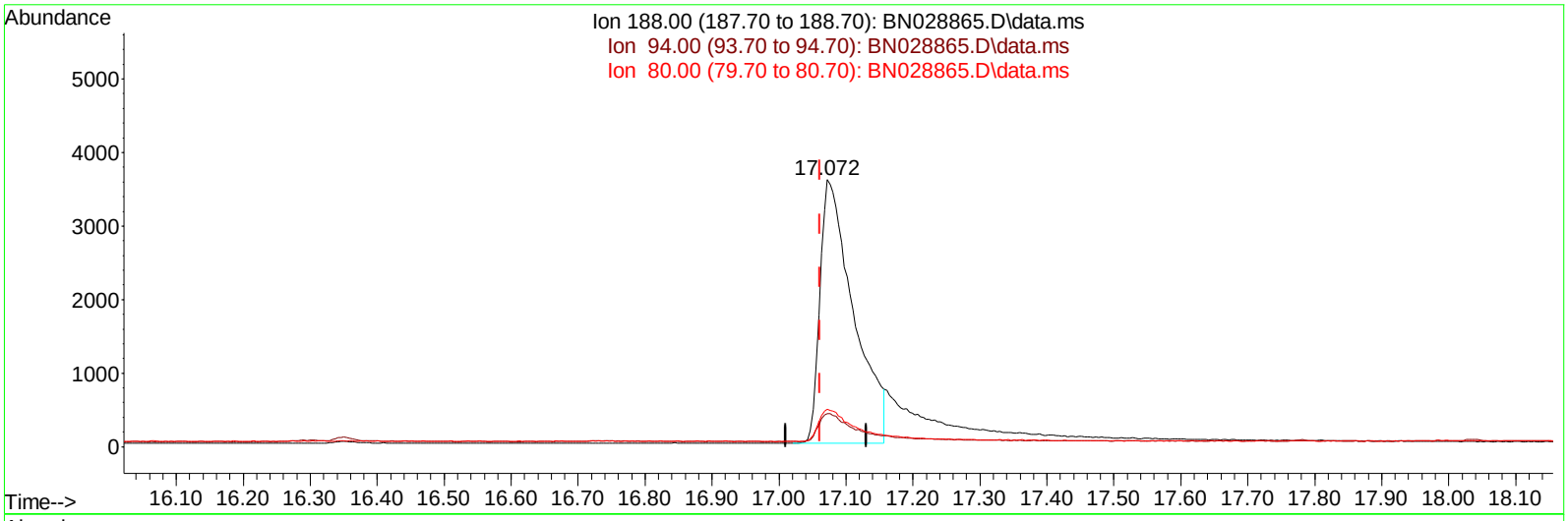
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028865.D
Acq On : 24 Nov 2023 19:25
Operator : MA/JU
Sample : PB157174BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

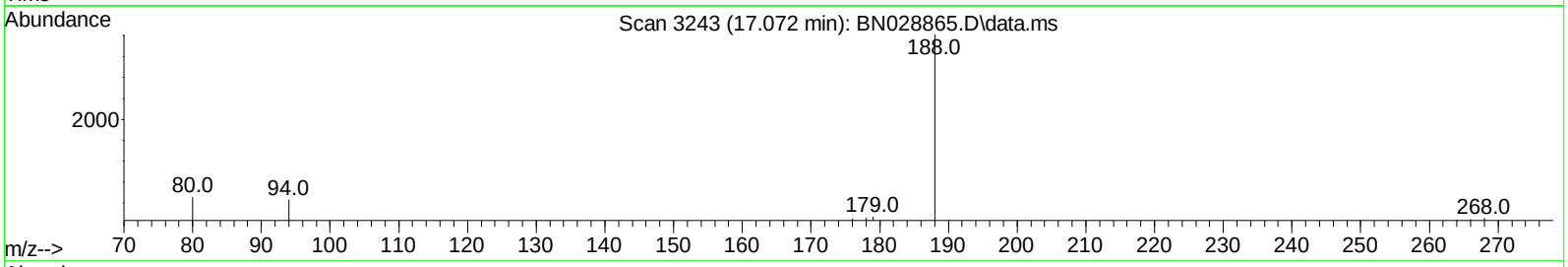
Quant Time: Nov 25 01:03:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

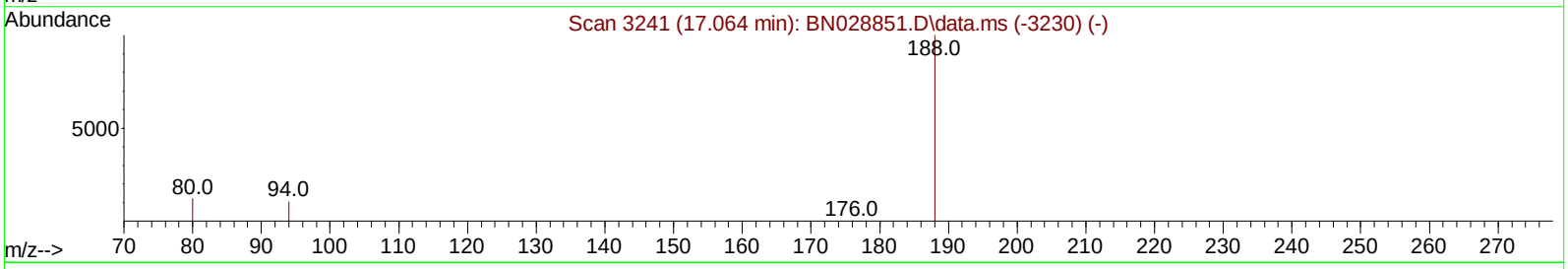
Instrument :
BNA_N
ClientSampleId :
SLCS174

Manual IntegrationsAPPROVED

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







TIC: BN028865.D\data.ms

(13) Phenanthrene-d10 (I)

17.072min (+ 0.011) 0.40 ng/ul m

response 12430

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	12.51#
80.00	10.90	13.94#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028865.D
Acq On : 24 Nov 2023 19:25
Operator : MA/JU
Sample : PB157174BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 25 01:03:19 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 :
SLCS174

Manual IntegrationsAPPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	4471m	0.400	ng/ul	0.15
4) Naphthalene-d8	10.489	136	11743m	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.302	164	8060	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.072	188	12430m	0.400	ng/ul	0.01
17) Chrysene-d12	21.274	240	8743	0.400	ng/ul	# 0.00
23) Perylene-d12	23.548	264	8529	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.108	96	4567m	0.924	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.122	152	5545m	0.314	ng/ul	0.05
18) Fluoranthene-d10	19.102	212	12456	0.443	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.137	88	13816m	2.530	ng/ul	
5) Naphthalene	10.538	128	10813	0.329	ng/ul#	93
7) 2-Methylnaphthalene	12.188	142	5807m	0.268	ng/ul	
8) 1-Methylnaphthalene	12.353	142	6340	0.288	ng/ul	99
10) Acenaphthylene	14.029	152	13460	0.335	ng/ul	97
11) Acenaphthene	14.366	153	11206	0.379	ng/ul	99
12) Fluorene	15.389	166	9056	0.263	ng/ul	98
14) Pentachlorophenol	16.734	266	1782	0.597	ng/ul	100
15) Phenanthrene	17.119	178	13355	0.350	ng/ul	95
16) Anthracene	17.228	178	7487	0.214	ng/ul#	92
19) Fluoranthene	19.130	202	15891	0.427	ng/ul	97
20) Pyrene	19.493	202	18272	0.474	ng/ul	95
21) Benzo(a)anthracene	21.265	228	9065	0.262	ng/ul	98
22) Chrysene	21.312	228	12911	0.382	ng/ul	98
24) Benzo(b)fluoranthene	22.861	252	11229	0.351	ng/ul	79
25) Benzo(k)fluoranthene	22.908	252	14182	0.423	ng/ul#	82
26) Benzo(a)pyrene	23.451	252	12156	0.402	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	25.883	276	15541	0.463	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.909	278	11817	0.441	ng/ul#	87
29) Benzo(g,h,i)perylene	26.584	276	14147	0.515	ng/ul	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112423\
Data File : BN028865.D
Acq On : 24 Nov 2023 19:25
Operator : MA/JU
Sample : PB157174BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 25 01:03:19 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 :
SLCS174

Manual IntegrationsAPPROVED

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