Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028783.D
Acq On : 19 Nov 2023 19:26
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 87 Sample Multiplier: 1

Quant Time: Nov 20 02:49:38 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 : Mon Nov 20 01:23:26 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD0.4322

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	5720m	0.400	ng/ul	0.10
4) Naphthalene-d8	10.528	136	14946m	0.400	ng/ul	0.04
9) Acenaphthene-d10	14.325	164	9637	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.102	188	12123	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.301	240	10803	0.400	ng/ul	# 0.00
23) Perylene-d12	23.581	264	11324	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.125	96	2905m	0.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.151	152	6310m	0.280	ng/ul	0.04
18) Fluoranthene-d10	19.122	212	15516	0.446	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.154	88	3002m	0.430	ng/ul	
5) Naphthalene	10.572	128	12978	0.310	ng/ul#	93
7) 2-Methylnaphthalene	12.239	142	6969m	0.253	ng/ul	
8) 1-Methylnaphthalene	12.376	142	8604	0.307	ng/ul	98
10) Acenaphthylene	14.057	152	18250	0.379	ng/ul	97
11) Acenaphthene	14.385	153	15470	0.437	ng/ul	98
12) Fluorene	15.412	166	12408	0.301	ng/ul	98
14) Pentachlorophenol	16.769	266	753	0.259	ng/ul	99
15) Phenanthrene	17.140	178	18938	0.508	ng/ul	95
16) Anthracene	17.258	178	9084	0.266	ng/ul	93
19) Fluoranthene	19.154	202	22224	0.484	ng/ul	97
20) Pyrene	19.512	202	26349	0.553	ng/ul#	94
21) Benzo(a)anthracene	21.290	228	11155	0.261	ng/ul	98
22) Chrysene	21.336	228	17444	0.418	ng/ul	99
24) Benzo(b)fluoranthene	22.891	252	16425m	0.386	ng/ul	
25) Benzo(k)fluoranthene	22.938	252	19248	0.432	ng/ul#	88
26) Benzo(a)pyrene	23.485	252	17822	0.444	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	25.931	276	21259	0.477	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.967	278	15763	0.443	ng/ul#	93
29) Benzo(g,h,i)perylene	26.635	276	19503	0.534	ng/ul	96

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

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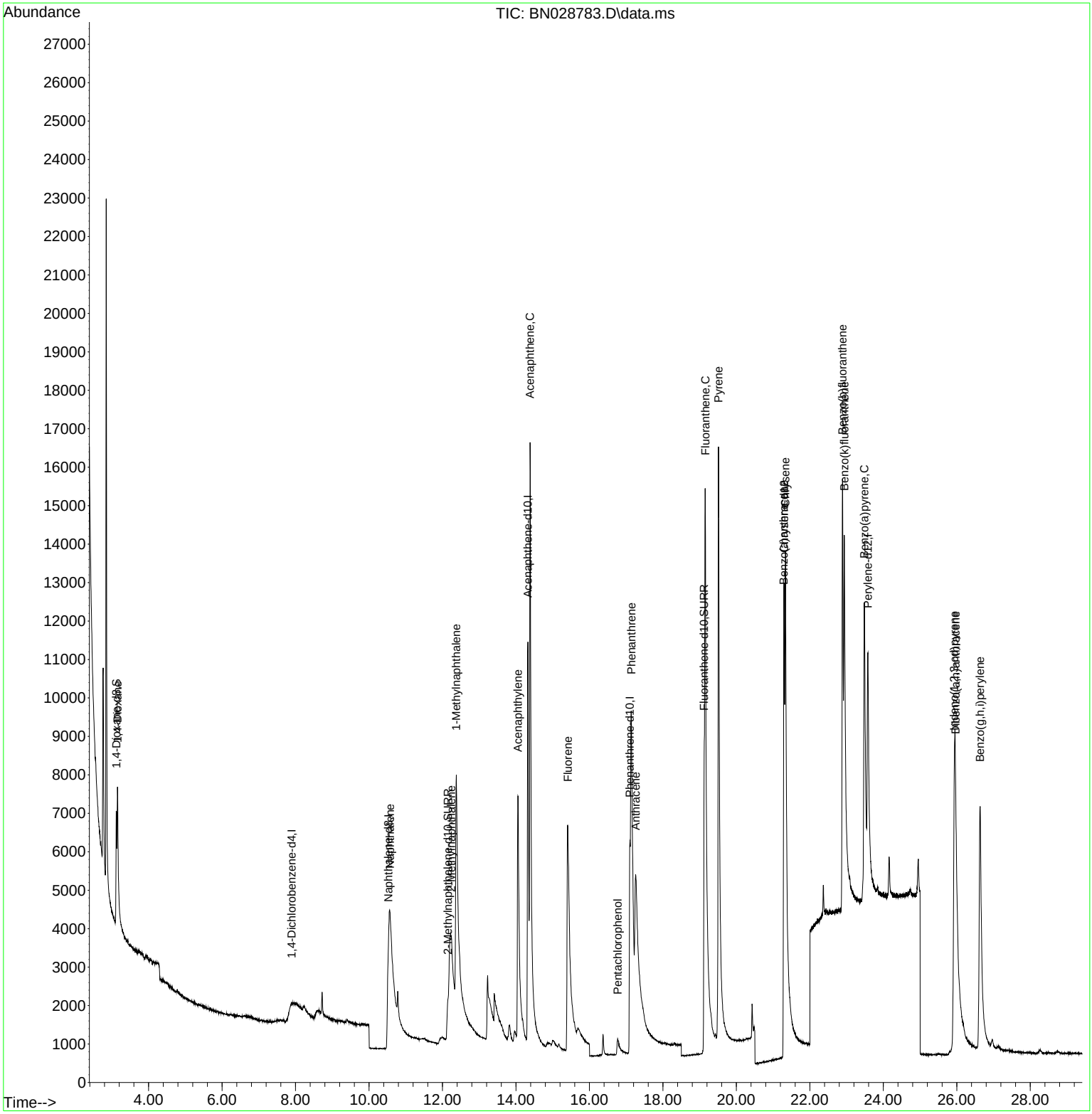

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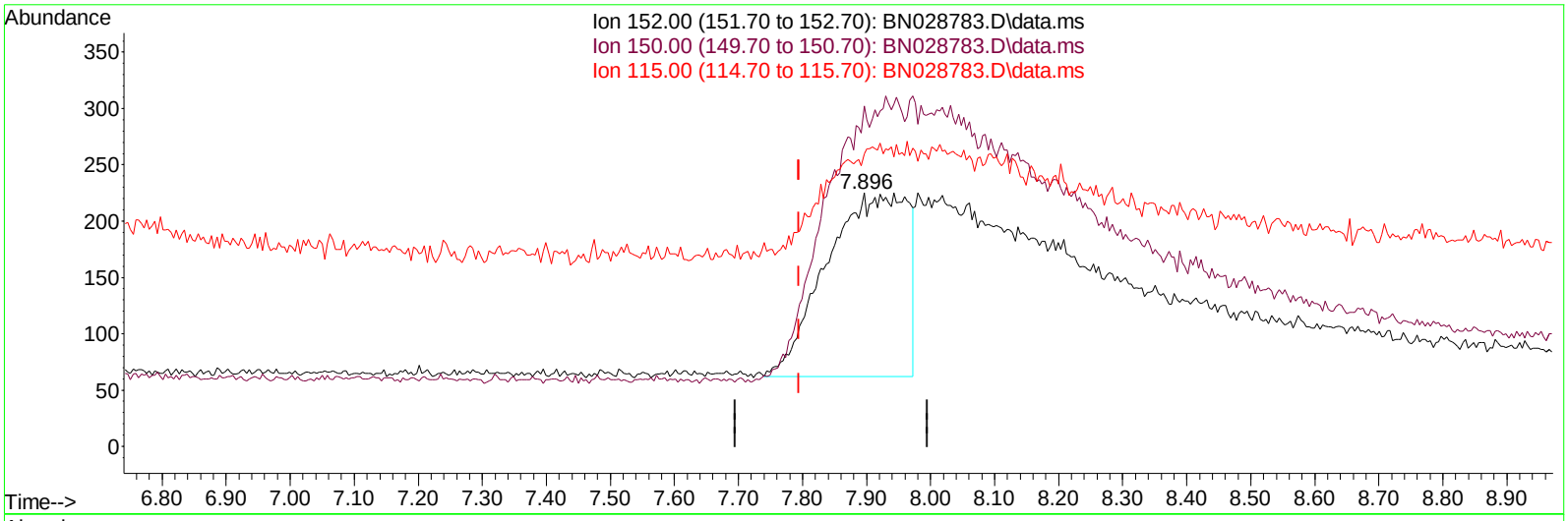

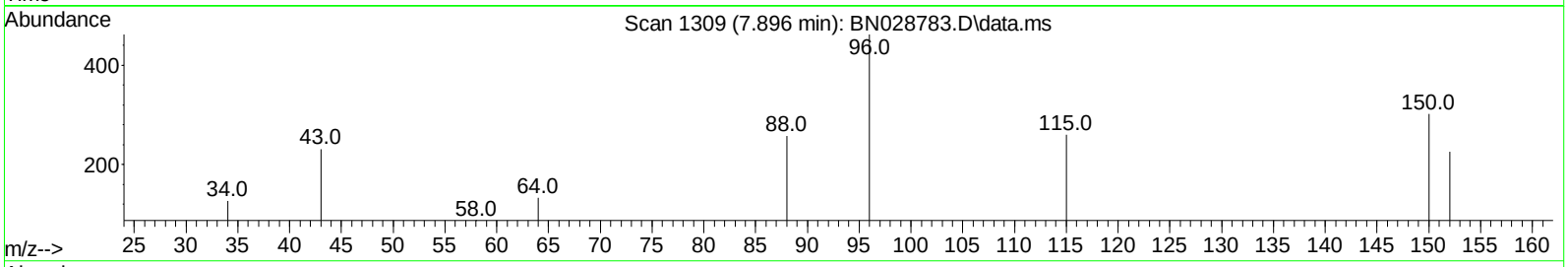

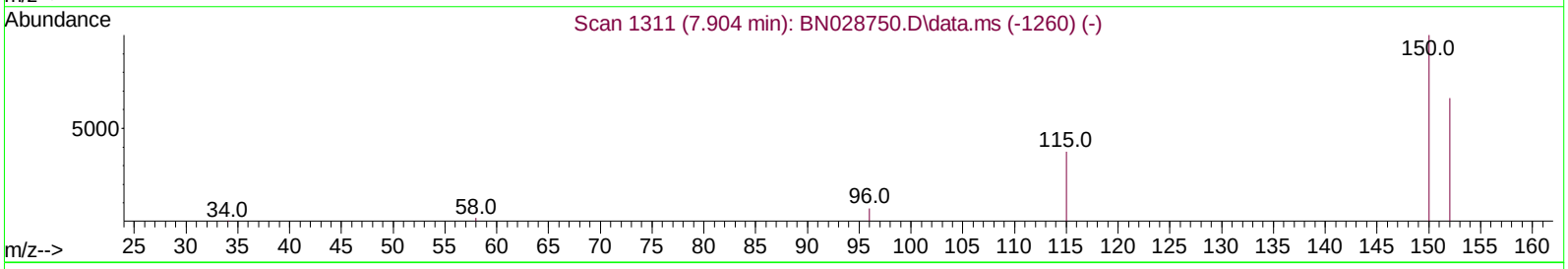

TIC: BN028783.D\data.ms

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

7.896min (+ 0.101) 0.40 ng/ul

response 1431

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	134.22
115.00	62.20	115.56#
0.00	0.00	0.00

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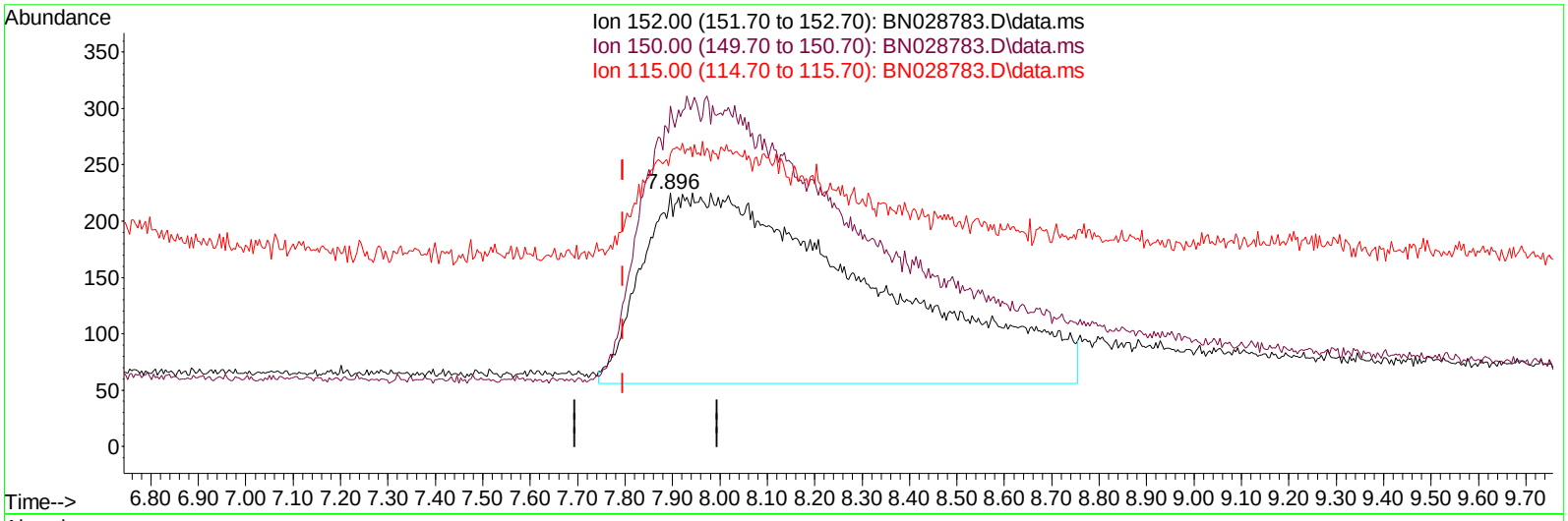

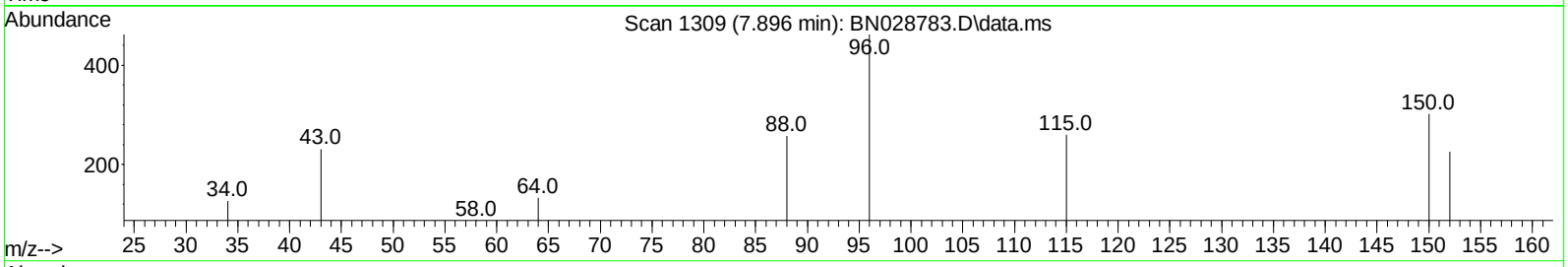

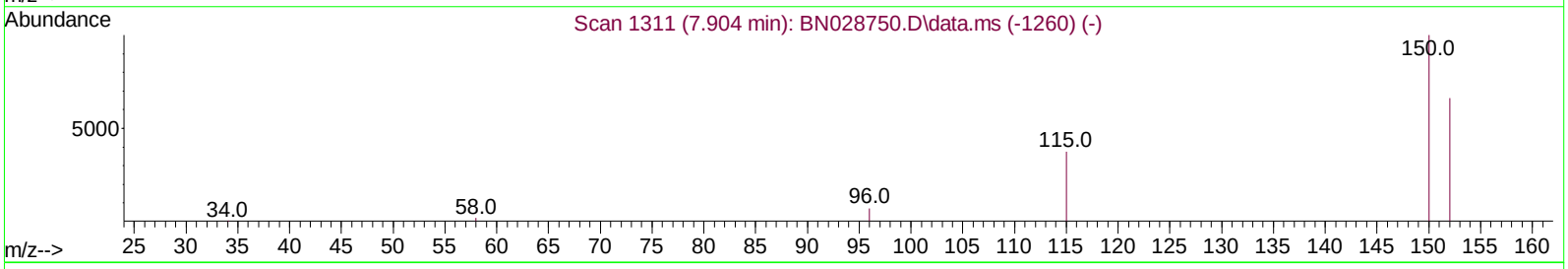

TIC: BN028783.D\data.ms

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

7.896min (+ 0.101) 0.40 ng/ul m

response 5720

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	134.22
115.00	62.20	115.56#
0.00	0.00	0.00

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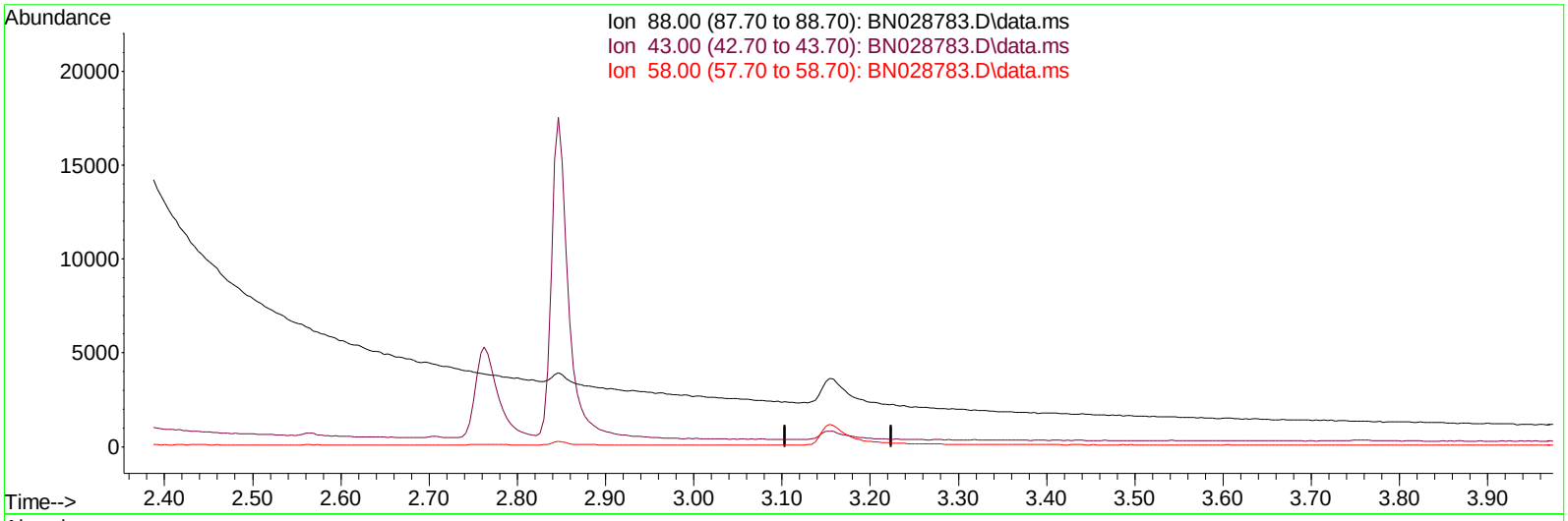

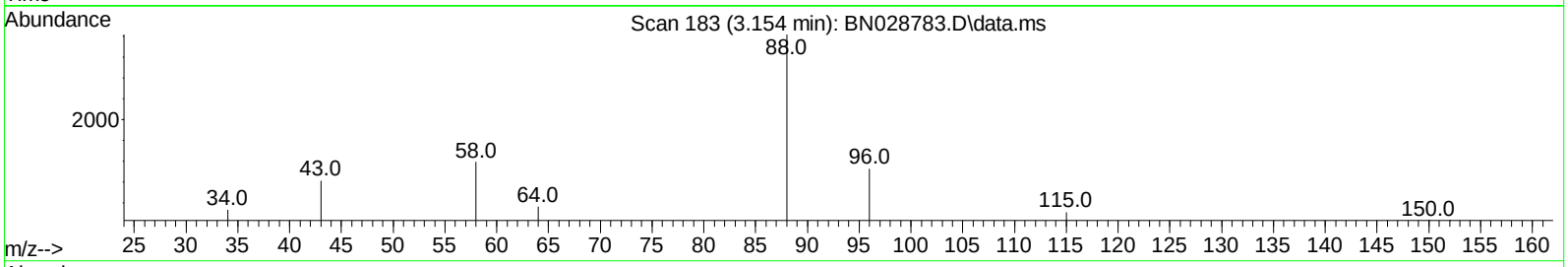

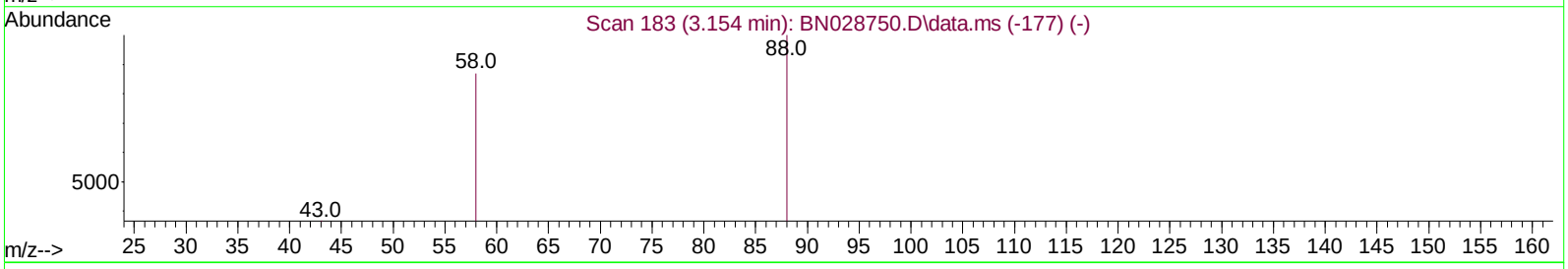

TIC: BN028783.D\data.ms

(2) 1,4-Dioxane

3.154min (-3.154) 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)

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Manual Integrations APPROVED

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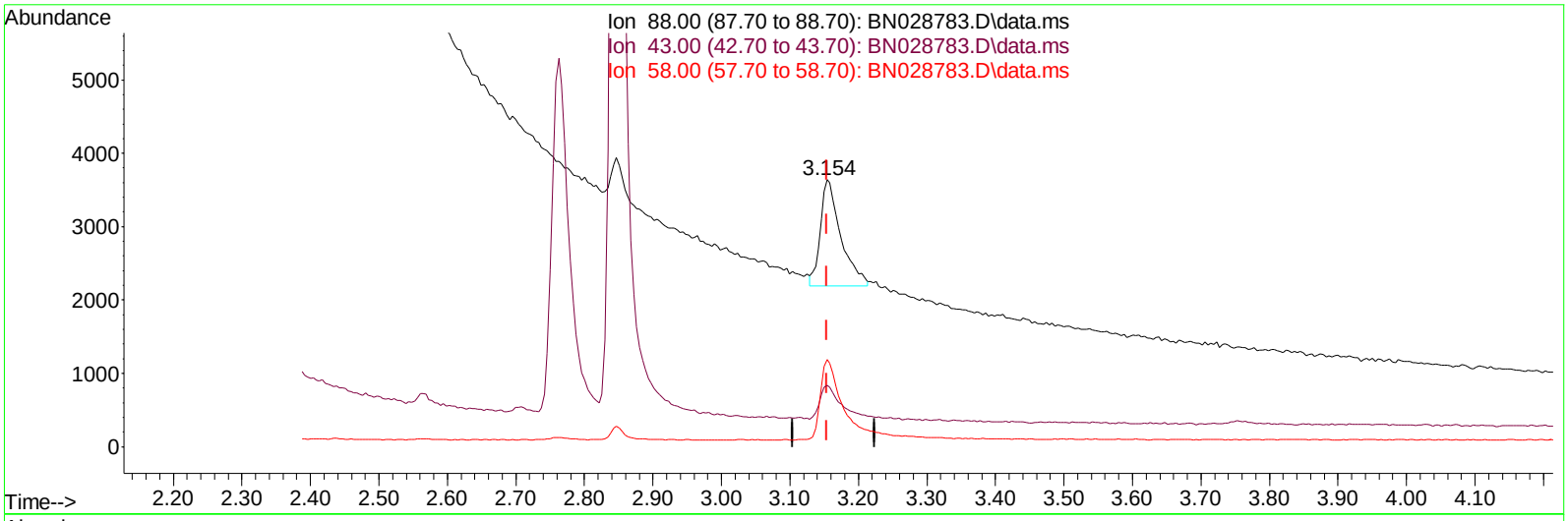

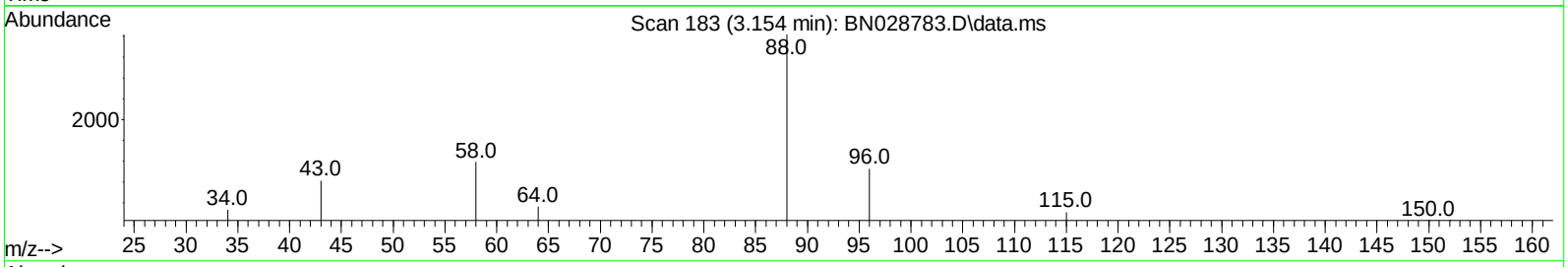

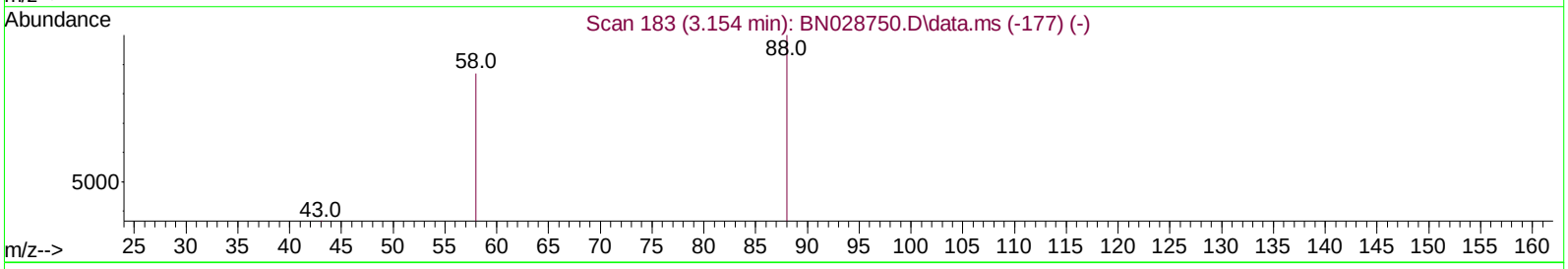

TIC: BN028783.D\data.ms

(2) 1,4-Dioxane

3.154min (+ 0.000) 0.43 ng/ul m

response 3002

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	41.10	22.92#
58.00	52.30	32.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 87 Sample Multiplier: 1

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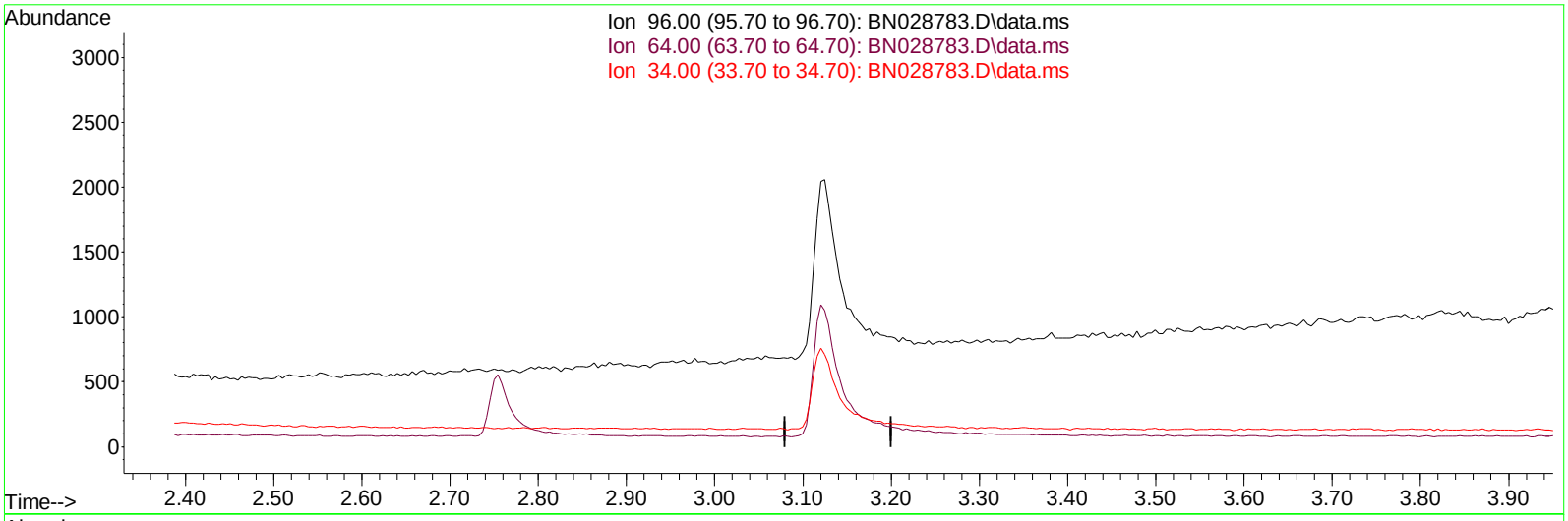

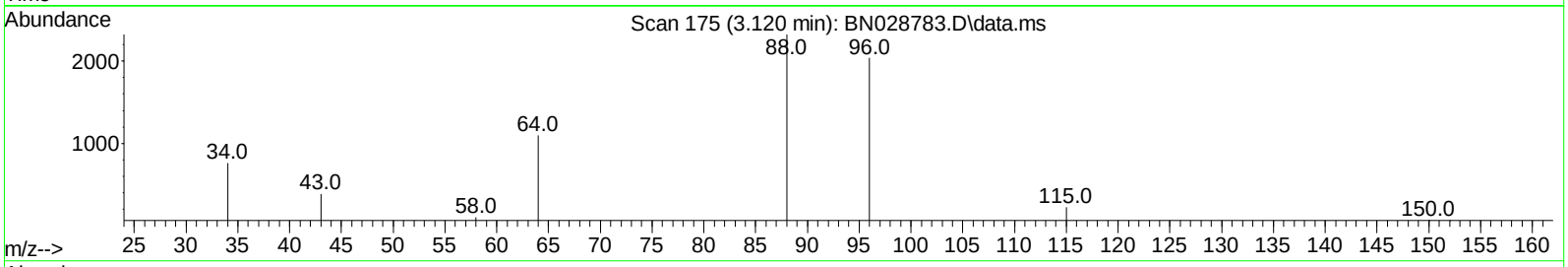

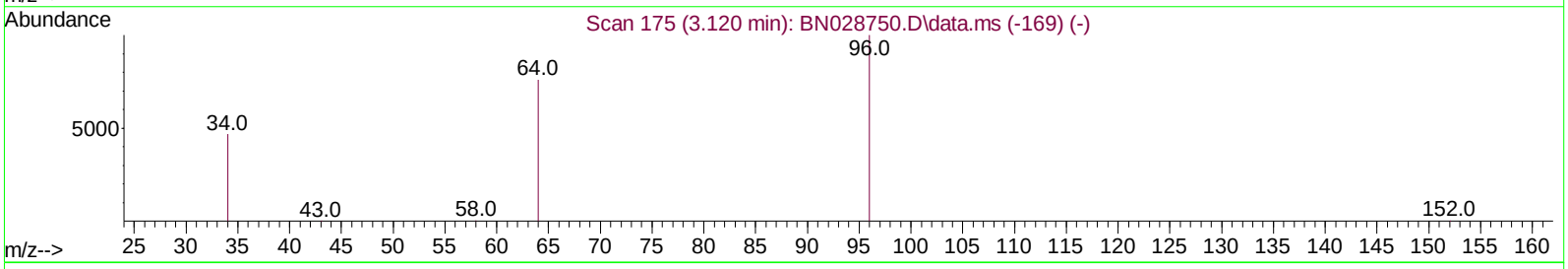

TIC: BN028783.D\data.ms

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

3.120min (-3.120) 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

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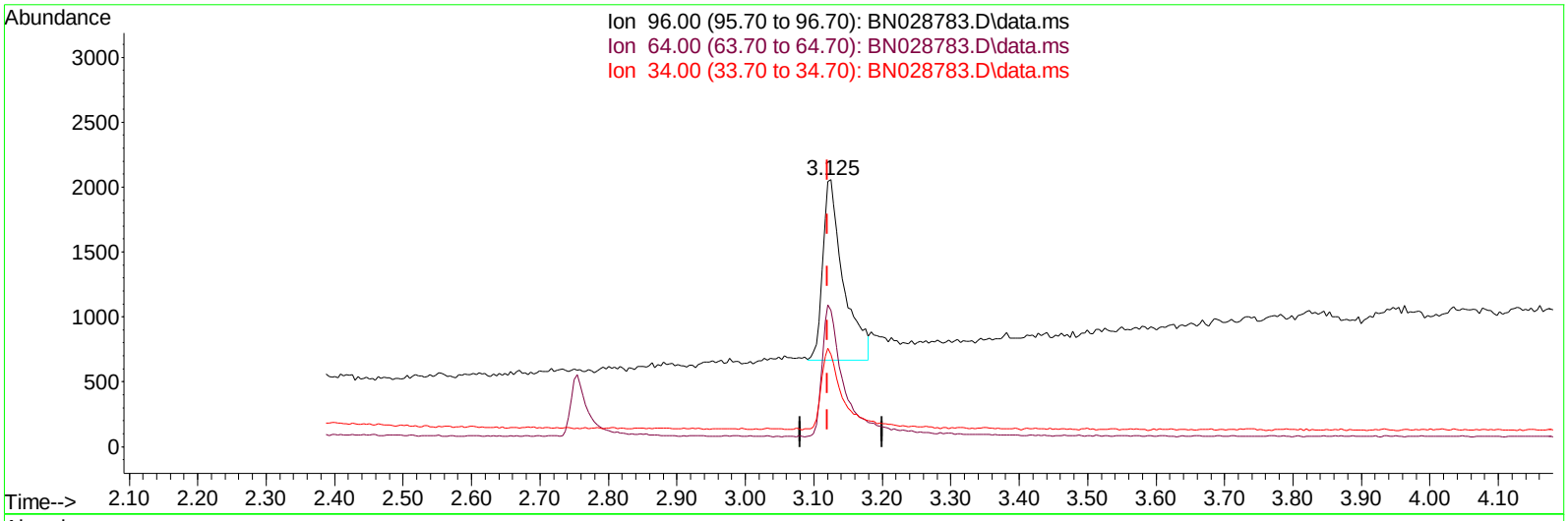

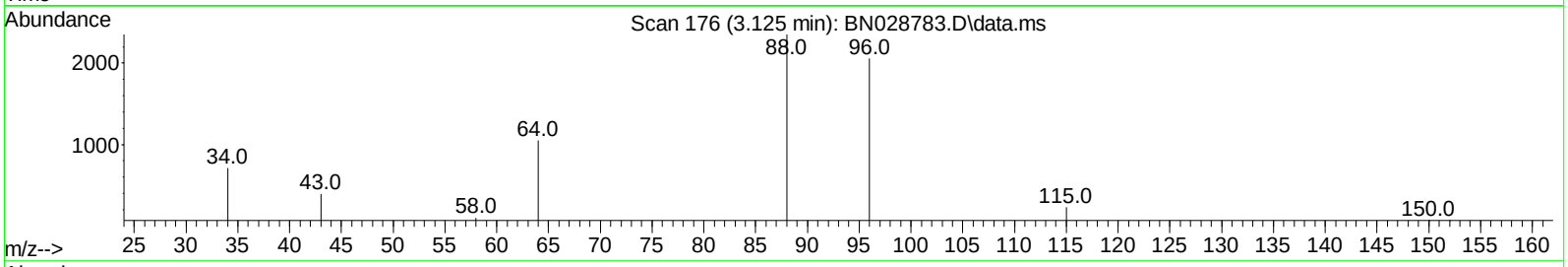

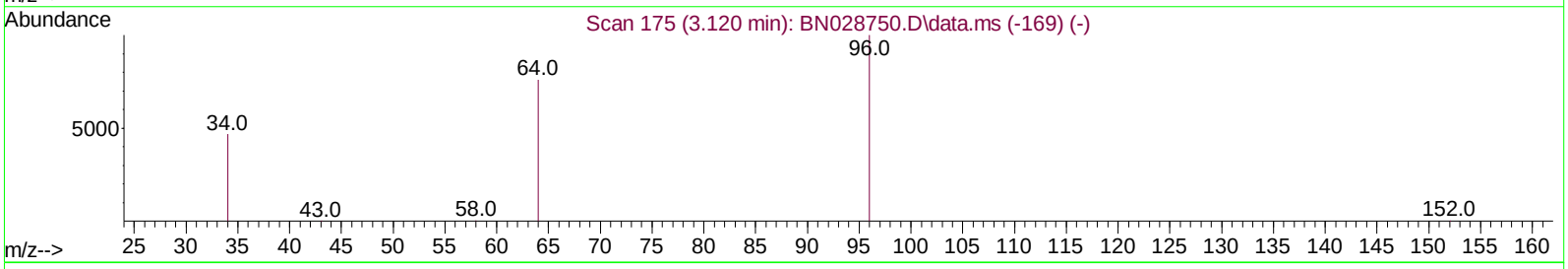

TIC: BN028783.D\data.ms

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

3.125min (+ 0.004) 0.46 ng/ul m

response 2905

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	51.12#
34.00	38.60	34.44
0.00	0.00	0.00

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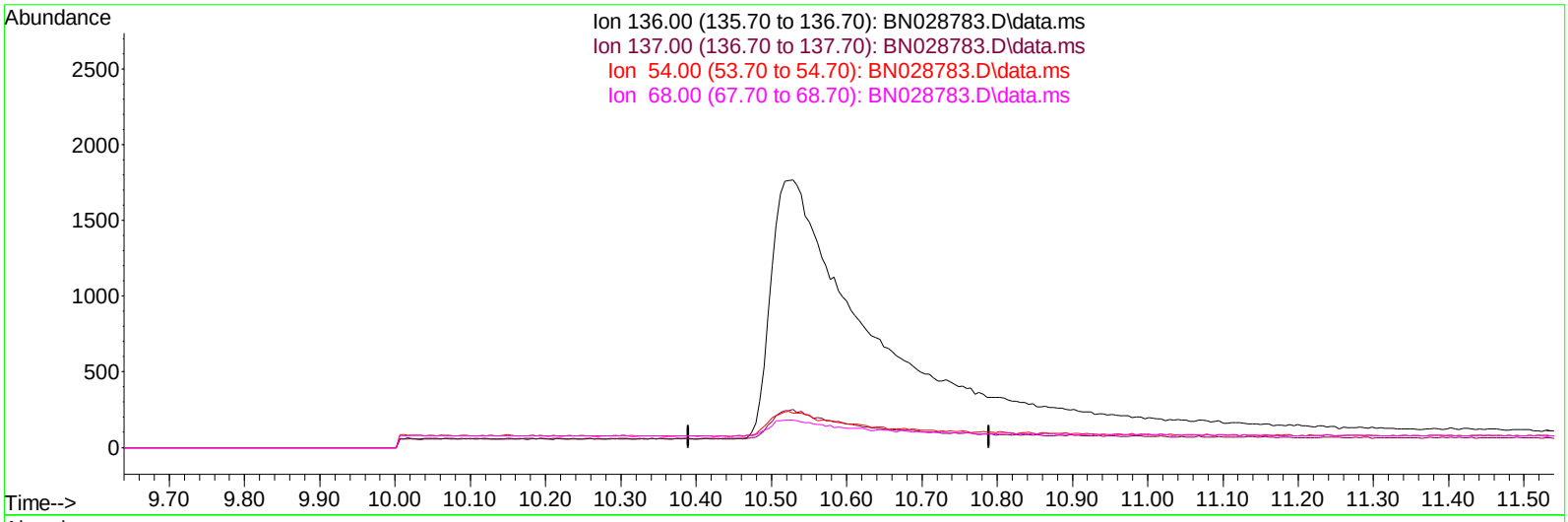

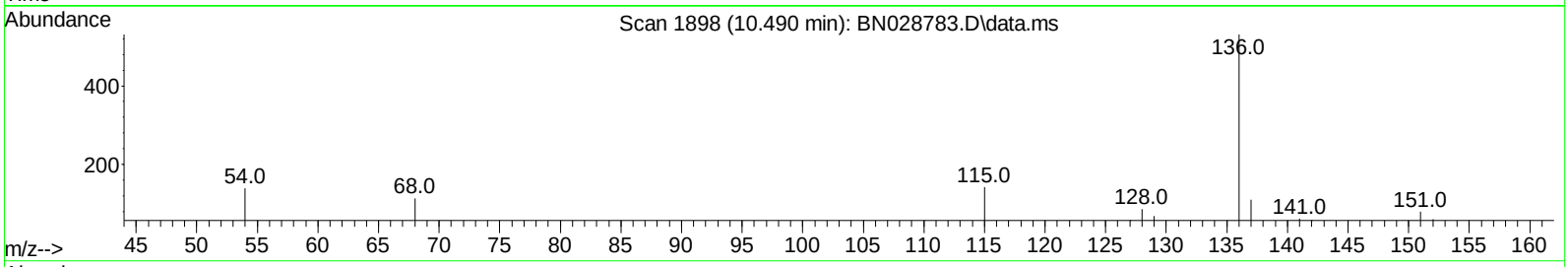

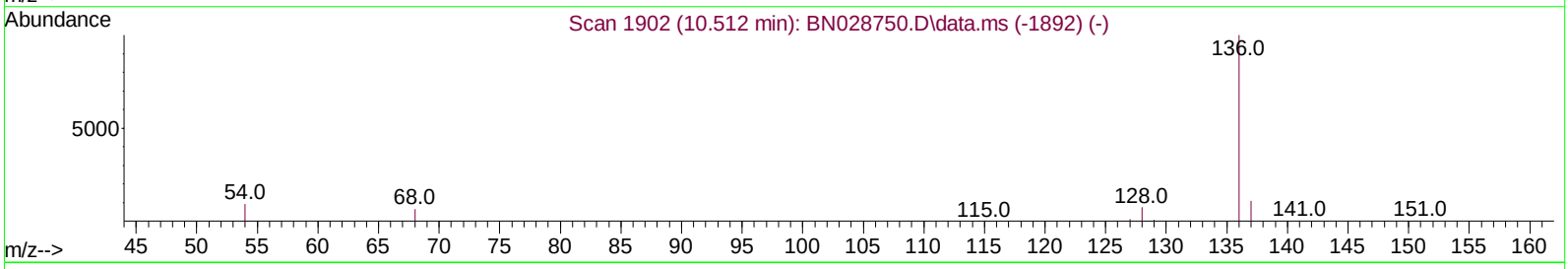

TIC: BN028783.D\data.ms

(4) Naphthalene-d8 (I)

10.490min (-10.490) 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#

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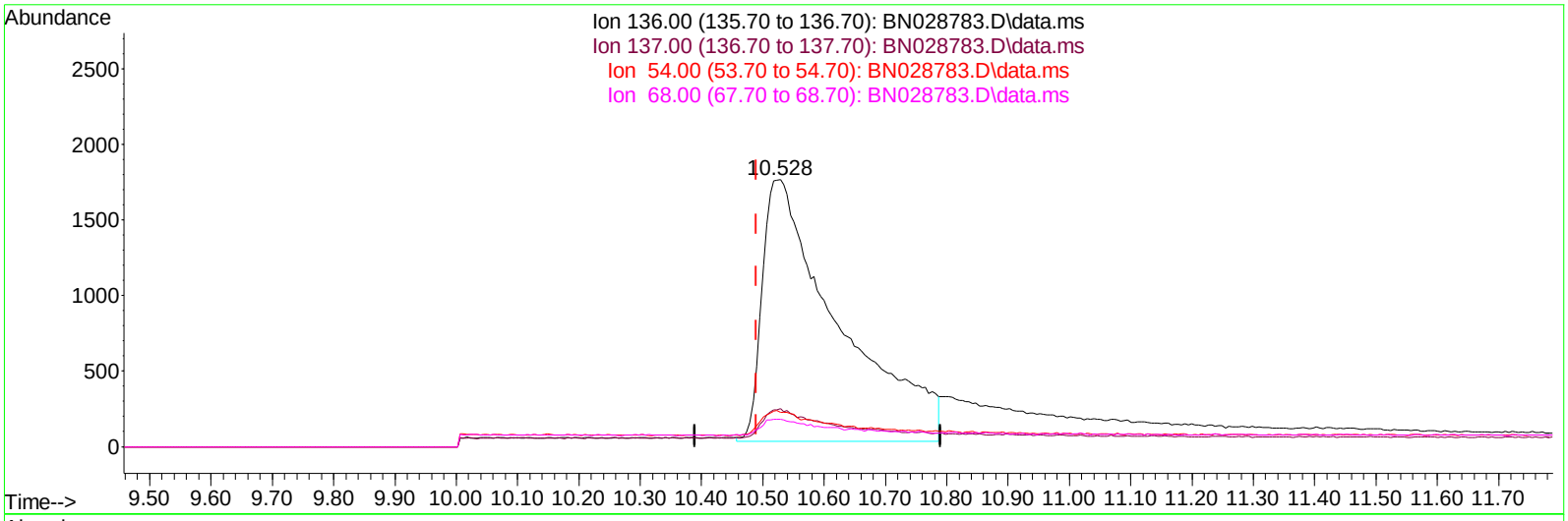

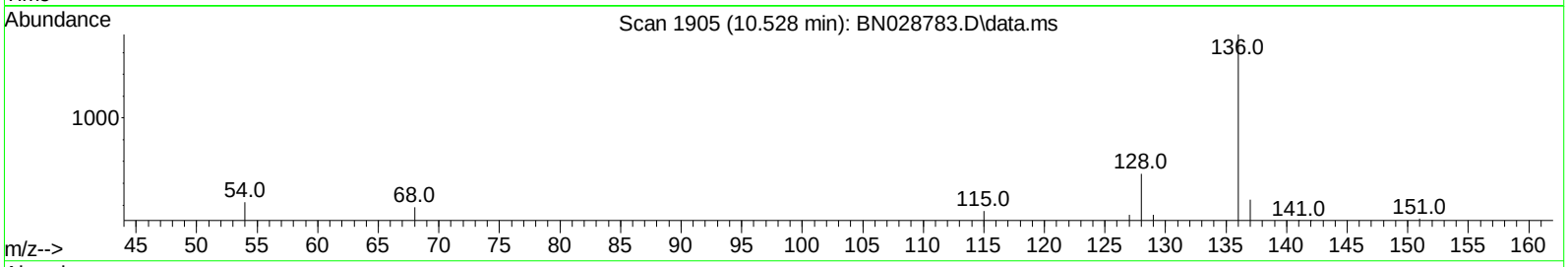

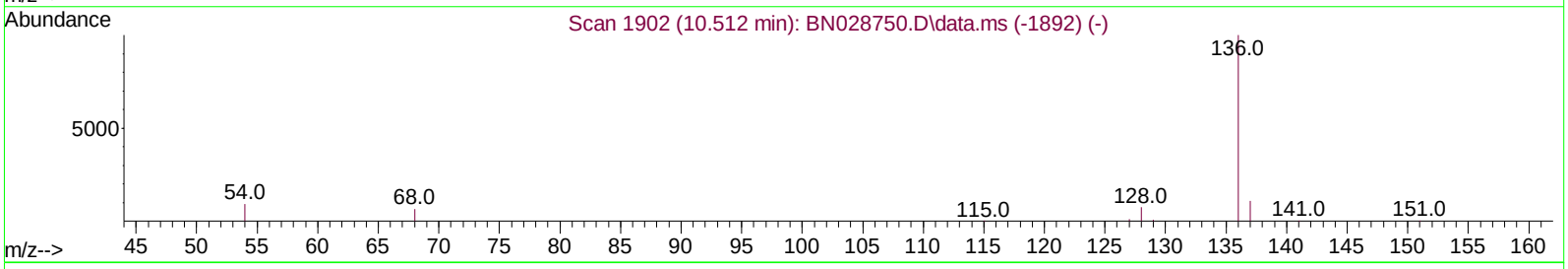

TIC: BN028783.D\data.ms

(4) Naphthalene-d8 (I)

10.528min (+ 0.039) 0.40 ng/ul m

response 14946

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	11.20	14.16#
54.00	9.00	12.85#
68.00	7.10	10.19#

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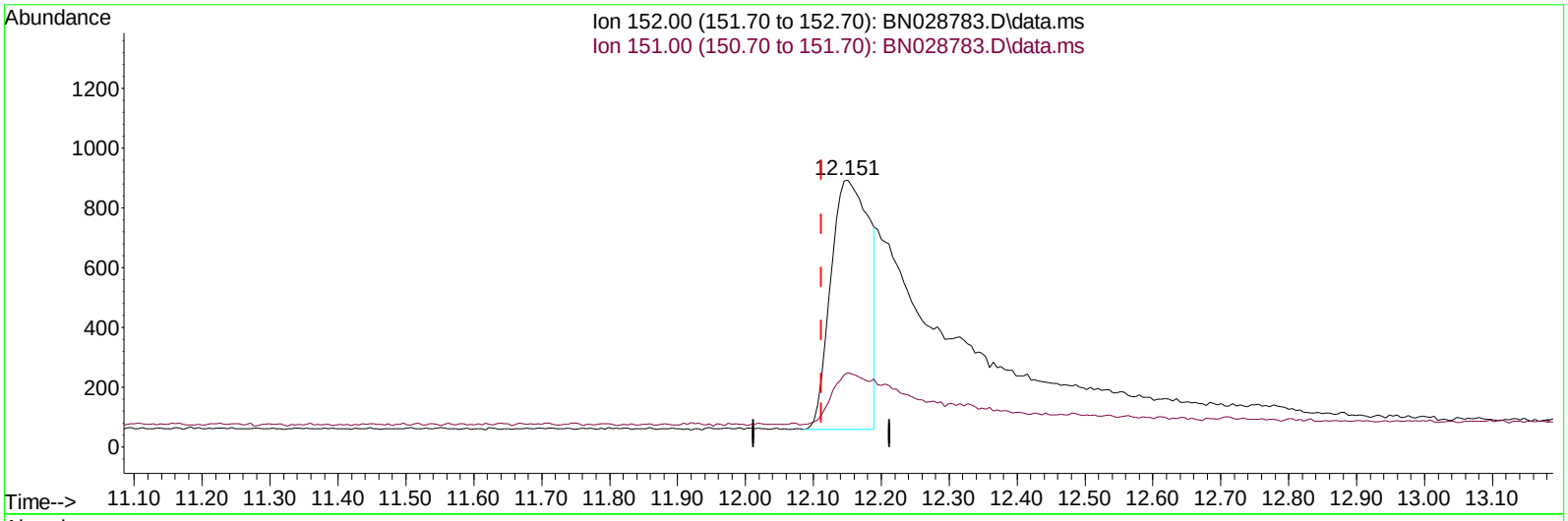
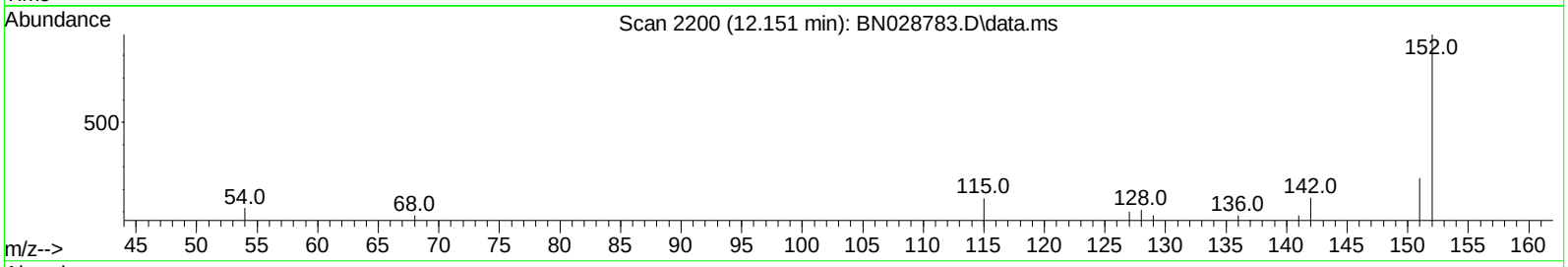
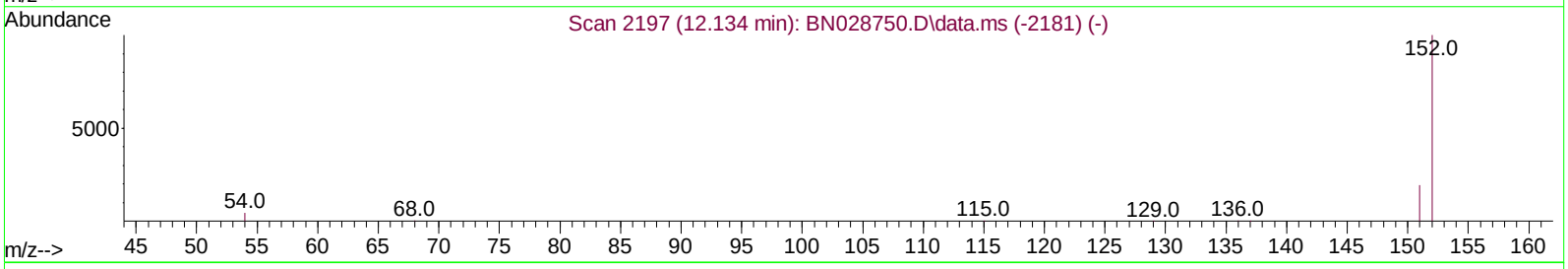






TIC: BN028783.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.151min (+ 0.039) 0.15 ng/ul

response 3307

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	18.84
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

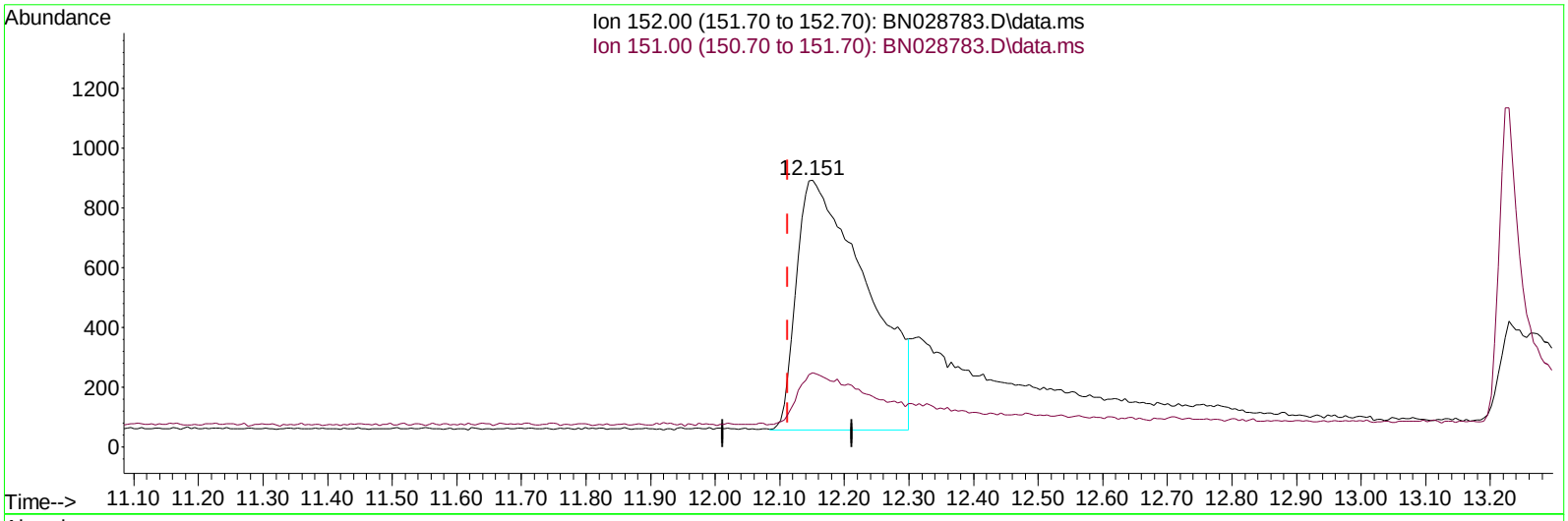
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028783.D
Acq On : 19 Nov 2023 19:26
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 87 Sample Multiplier: 1

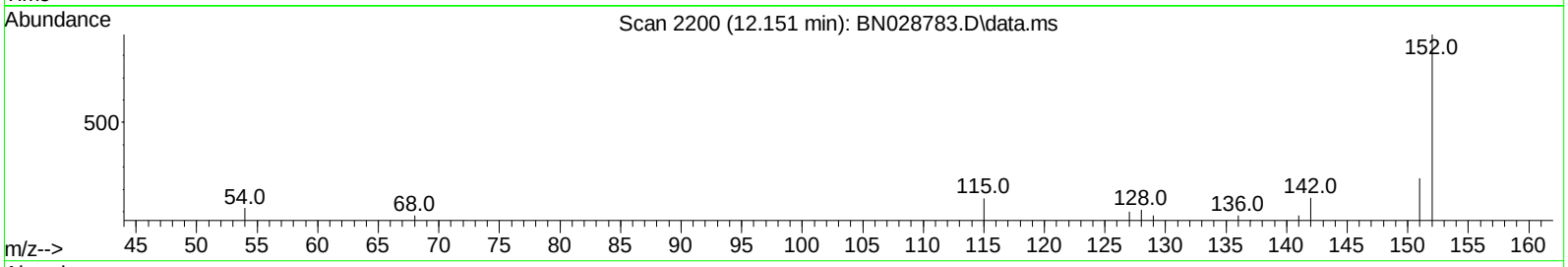
Quant Time: Nov 20 02:49:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 20 01:23:26 2023
Response via : Initial Calibration

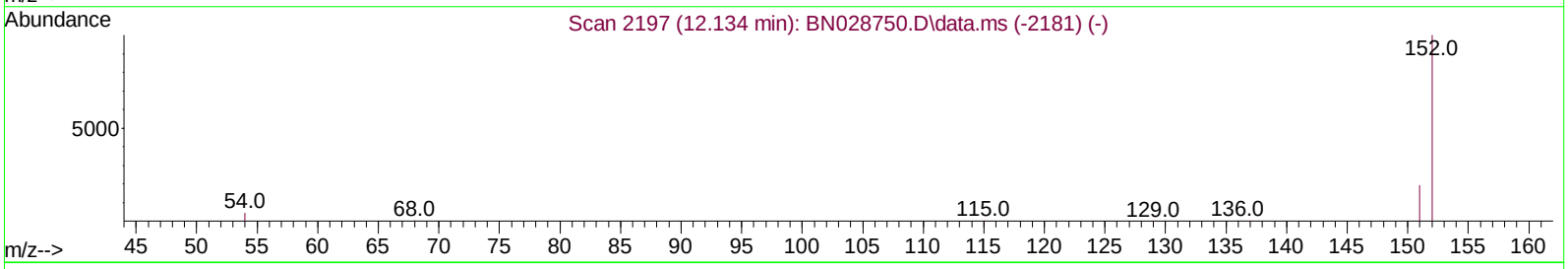
Instrument :
BNA_N
ClientSampleId :
SSTD0.4322

Manual Integrations APPROVED

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







TIC: BN028783.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.151min (+ 0.039) 0.28 ng/ul m

response 6310

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	9.87#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 87 Sample Multiplier: 1

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Manual Integrations APPROVED

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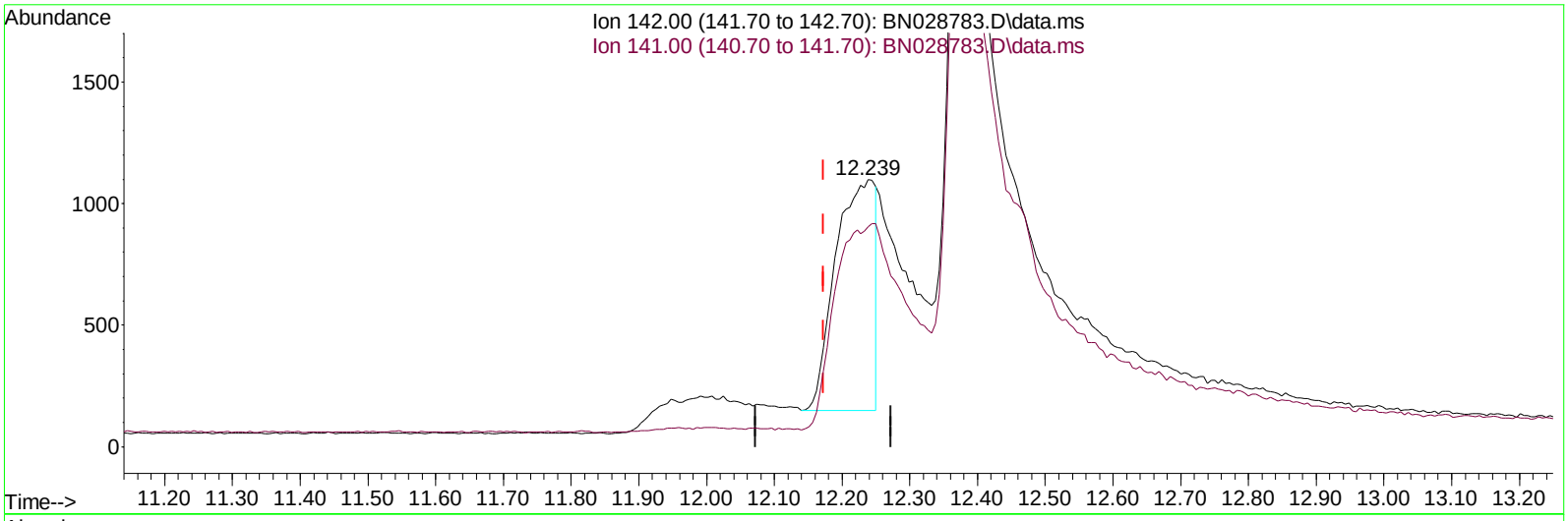

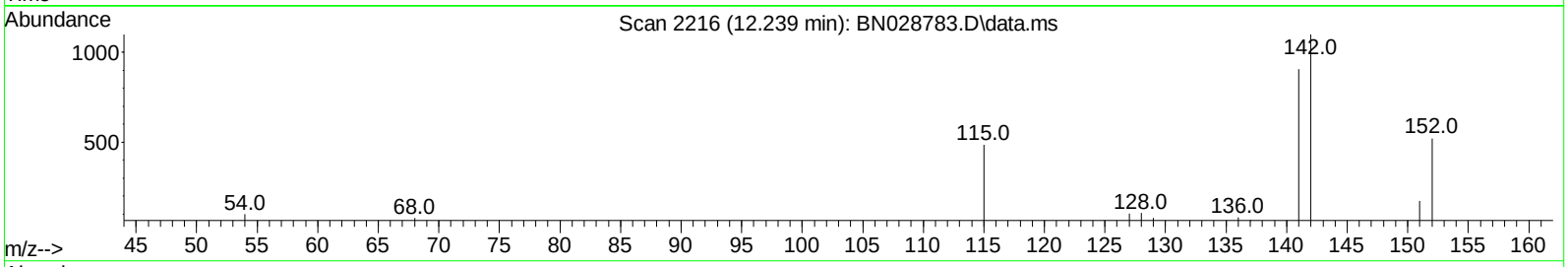

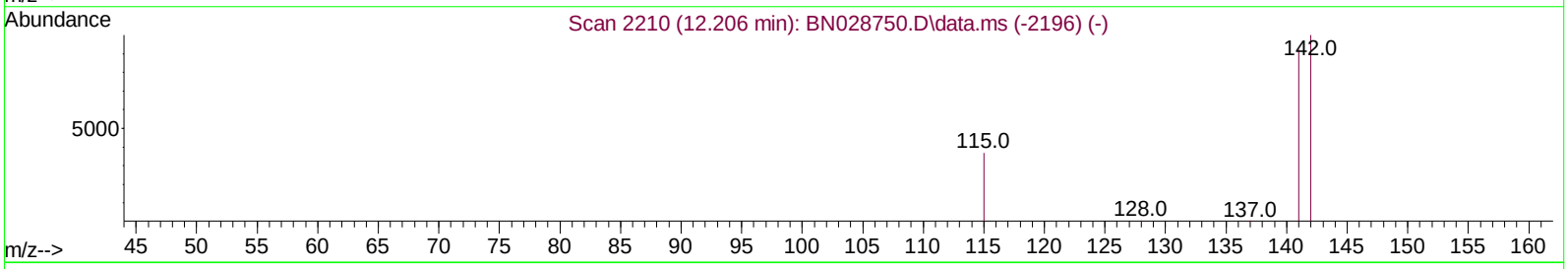

TIC: BN028783.D\data.ms

(7) 2-Methylnaphthalene

12.239min (+ 0.066) 0.14 ng/ul

response 3839

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	91.12
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 87 Sample Multiplier: 1

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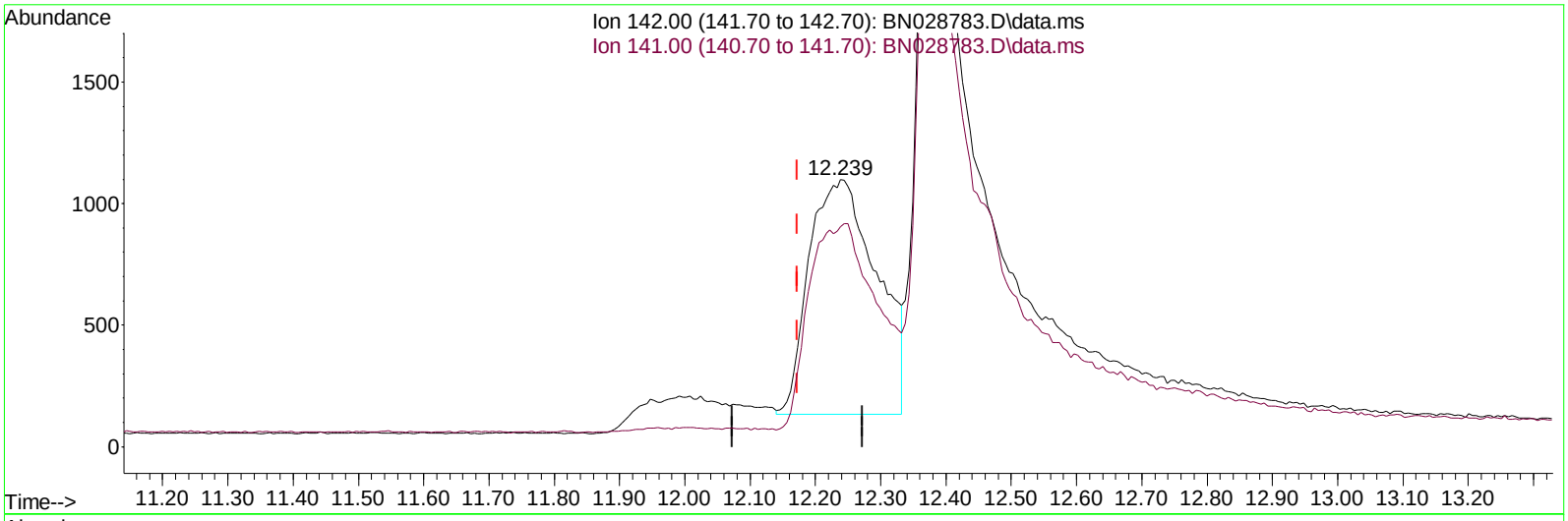
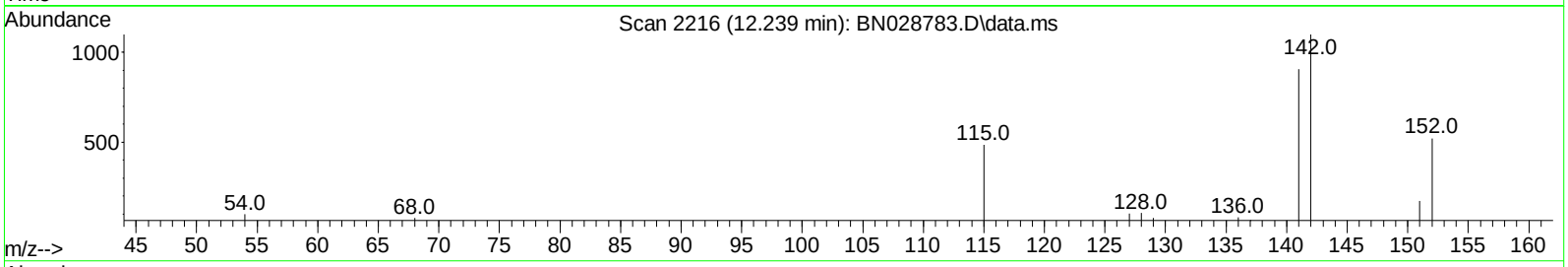
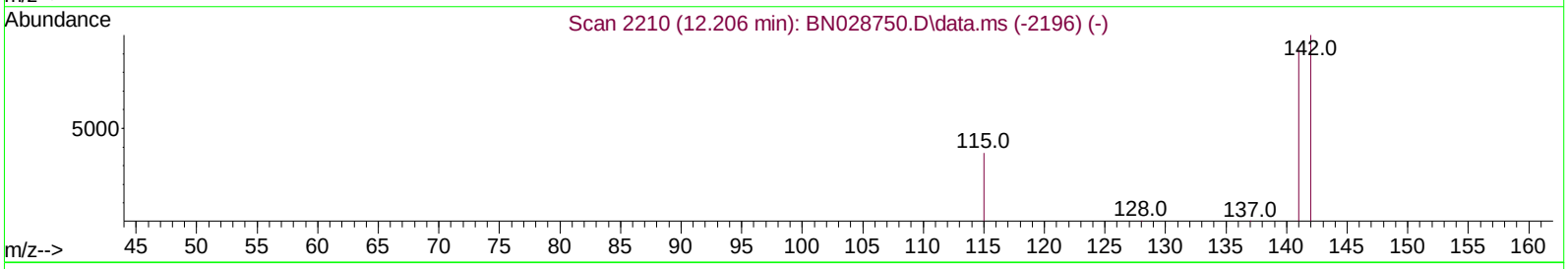
ClientSampleId :
SSTD0.4322

Manual Integrations APPROVED

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







TIC: BN028783.D\data.ms

(7) 2-Methylnaphthalene

12.239min (+ 0.066) 0.25 ng/ul m

response 6969

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	50.19#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BN028783.D
Acq On : 19 Nov 2023 19:26
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 87 Sample Multiplier: 1

Quant Time: Nov 20 02:49:38 2023
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ClientSampleId :
SSTD0.4322

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/20/2023
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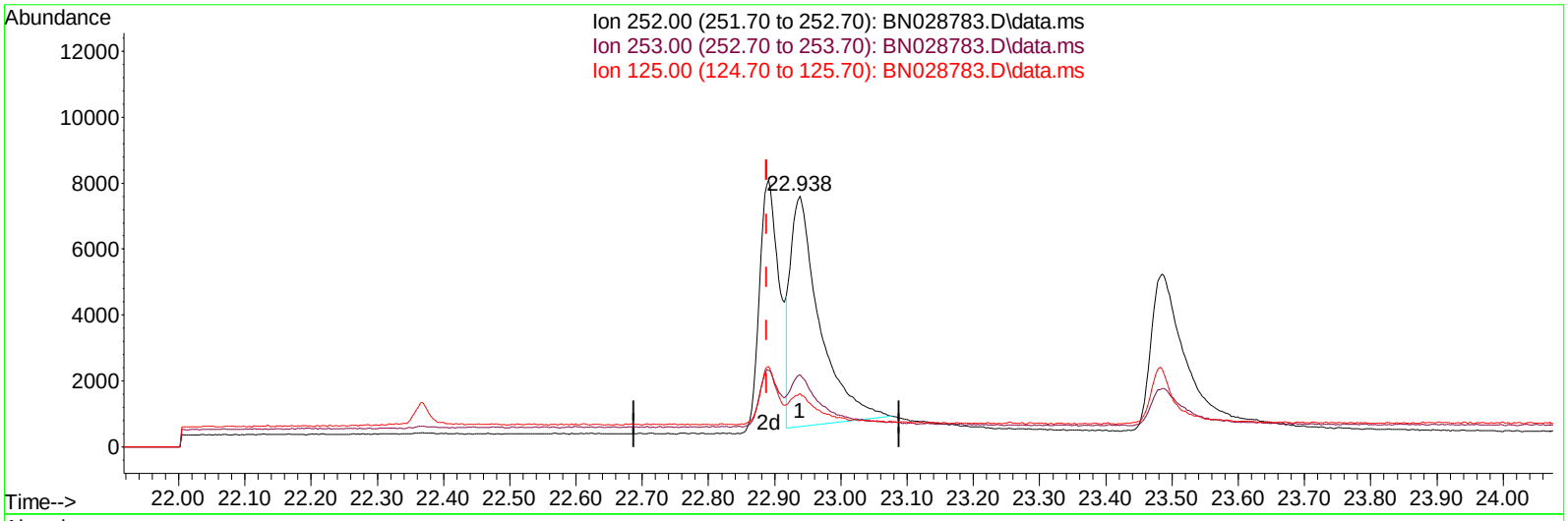

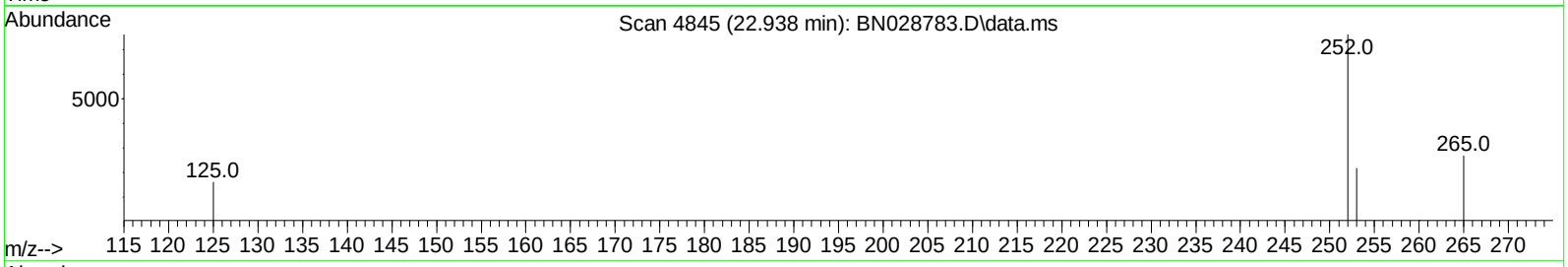

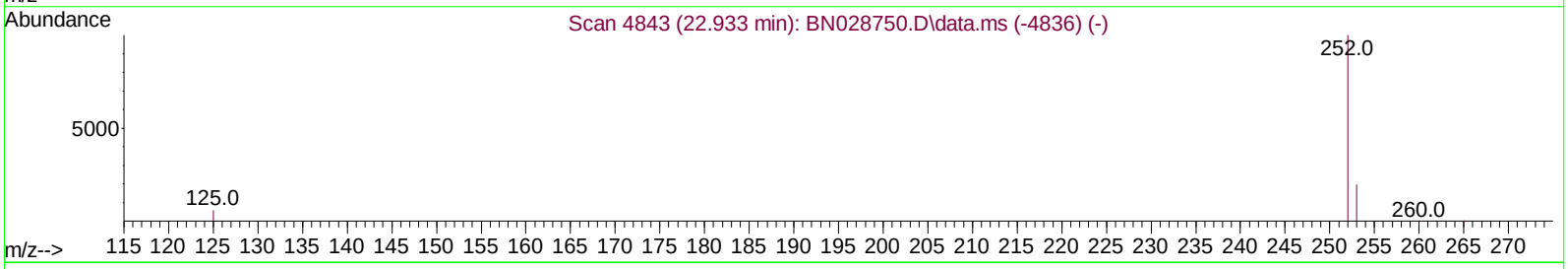

TIC: BN028783.D\data.ms

(24) Benzo(b)fluoranthene

22.938min (+ 0.050) 0.50 ng/ul

response 21299

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	28.65
125.00	13.80	21.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 87 Sample Multiplier: 1

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Manual Integrations APPROVED

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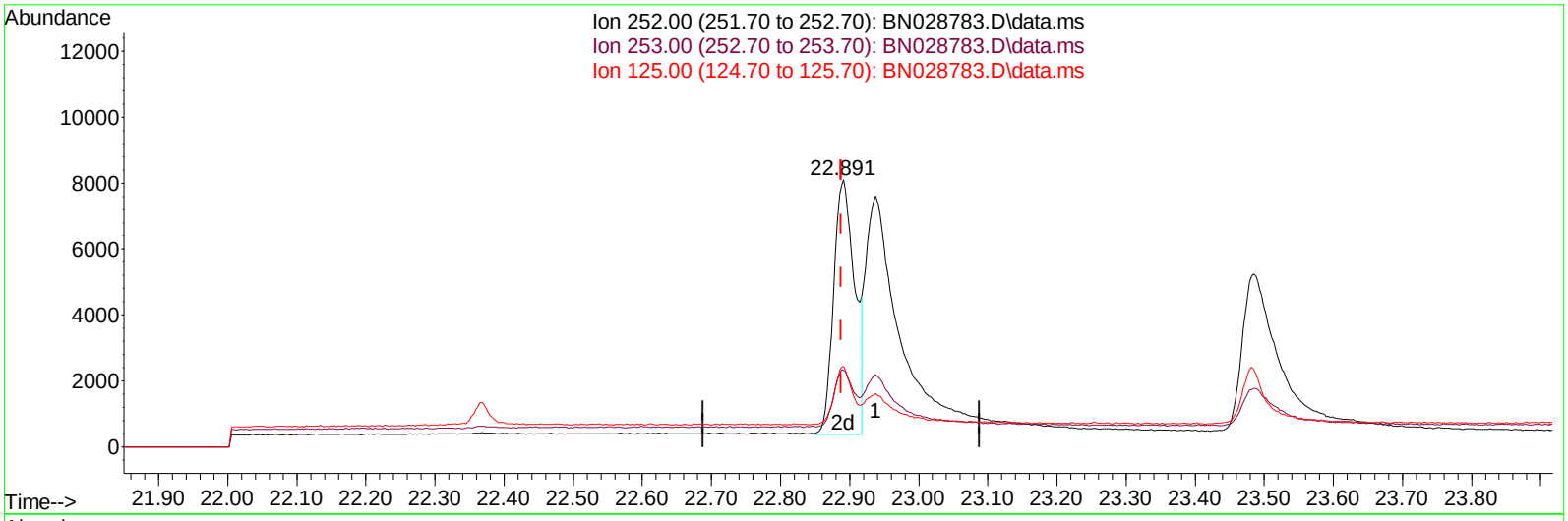

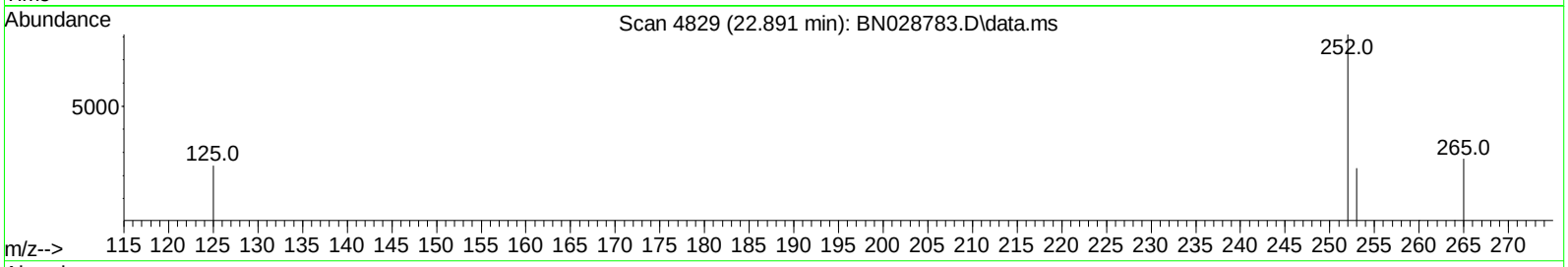

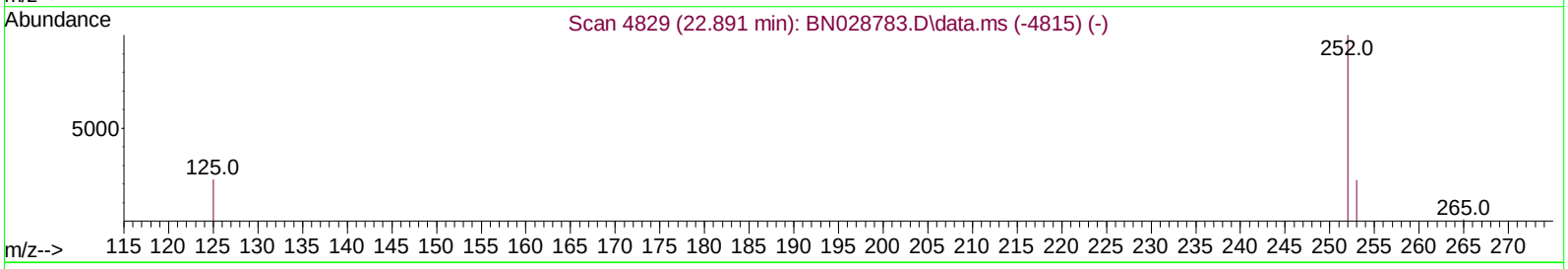

TIC: BN028783.D\data.ms

(24) Benzo(b)fluoranthene

22.891min (+ 0.003) 0.39 ng/ul m

response 16425

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	23.30	28.61
125.00	13.80	29.97#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028783.D
Acq On : 19 Nov 2023 19:26
Operator : MA/JU
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Misc :
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Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/20/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	5720m	0.400	ng/ul	0.10
4) Naphthalene-d8	10.528	136	14946m	0.400	ng/ul	0.04
9) Acenaphthene-d10	14.325	164	9637	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.102	188	12123	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.301	240	10803	0.400	ng/ul	# 0.00
23) Perylene-d12	23.581	264	11324	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.125	96	2905m	0.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.151	152	6310m	0.280	ng/ul	0.04
18) Fluoranthene-d10	19.122	212	15516	0.446	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.154	88	3002m	0.430	ng/ul	
5) Naphthalene	10.572	128	12978	0.310	ng/ul#	93
7) 2-Methylnaphthalene	12.239	142	6969m	0.253	ng/ul	
8) 1-Methylnaphthalene	12.376	142	8604	0.307	ng/ul	98
10) Acenaphthylene	14.057	152	18250	0.379	ng/ul	97
11) Acenaphthene	14.385	153	15470	0.437	ng/ul	98
12) Fluorene	15.412	166	12408	0.301	ng/ul	98
14) Pentachlorophenol	16.769	266	753	0.259	ng/ul	99
15) Phenanthrene	17.140	178	18938	0.508	ng/ul	95
16) Anthracene	17.258	178	9084	0.266	ng/ul	93
19) Fluoranthene	19.154	202	22224	0.484	ng/ul	97
20) Pyrene	19.512	202	26349	0.553	ng/ul#	94
21) Benzo(a)anthracene	21.290	228	11155	0.261	ng/ul	98
22) Chrysene	21.336	228	17444	0.418	ng/ul	99
24) Benzo(b)fluoranthene	22.891	252	16425m	0.386	ng/ul	
25) Benzo(k)fluoranthene	22.938	252	19248	0.432	ng/ul#	88
26) Benzo(a)pyrene	23.485	252	17822	0.444	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	25.931	276	21259	0.477	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.967	278	15763	0.443	ng/ul#	93
29) Benzo(g,h,i)perylene	26.635	276	19503	0.534	ng/ul	96

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

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