Quantitation Report (Qedit)

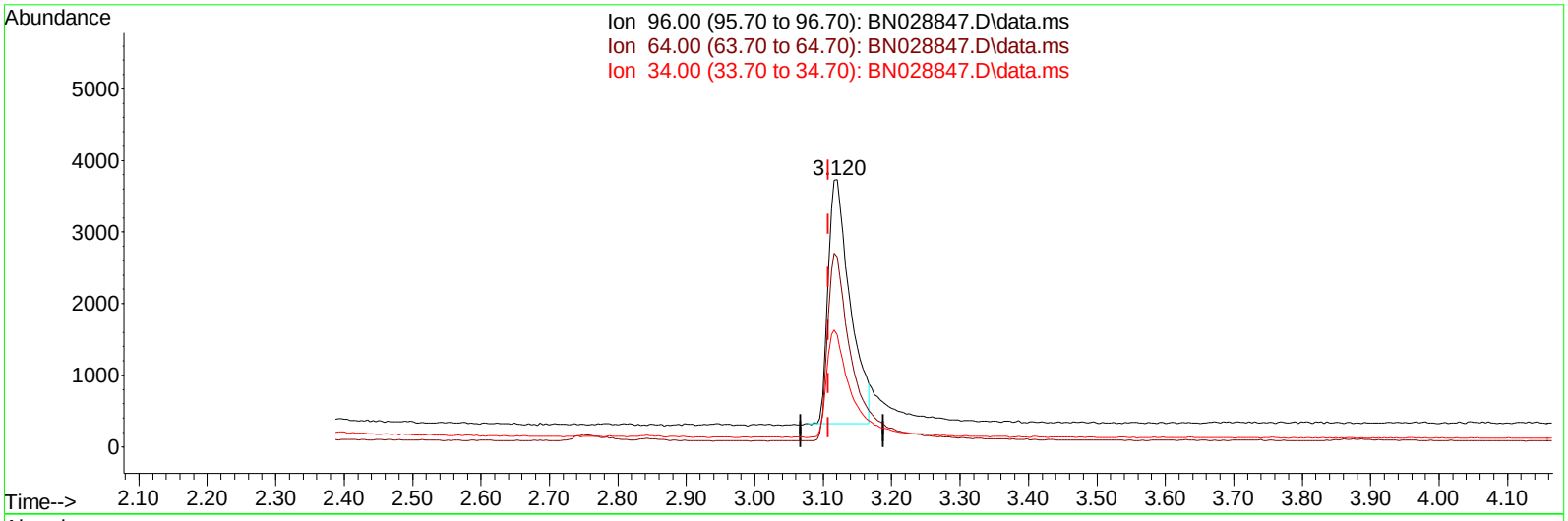
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028847.D
Acq On : 22 Nov 2023 19:54
Operator : MA/JU
Sample : 05268-19DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

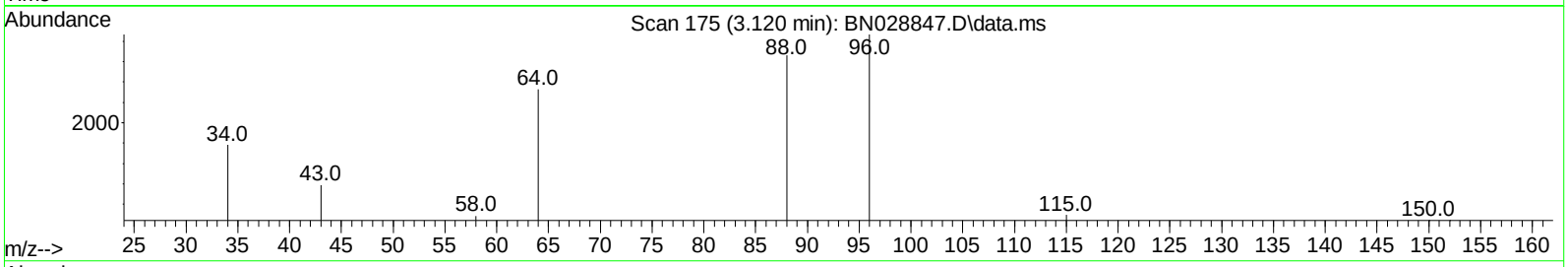
Quant Time: Nov 22 21:37:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

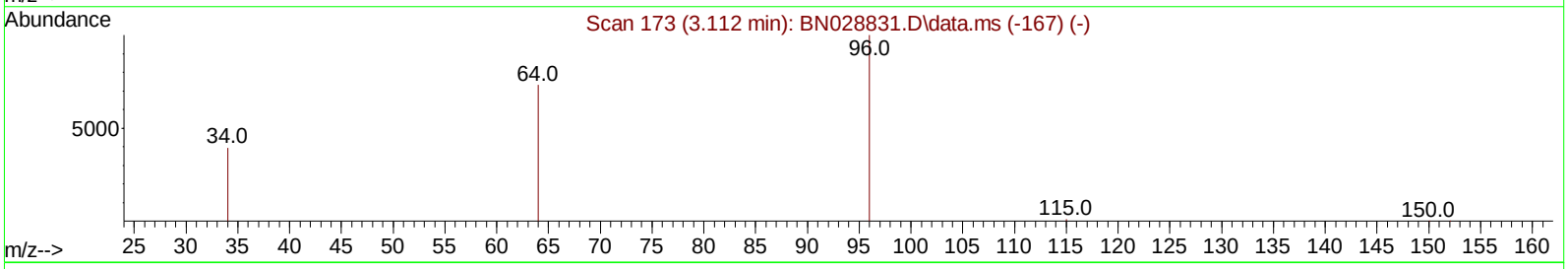
Instrument :
BNA_N
ClientSampleId :
DCKE8DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023







TIC: BN028847.D\data.ms

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

3.120min (+ 0.013) 1.16 ng/ul

response 7613

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	71.21
34.00	38.60	41.85
0.00	0.00	0.00

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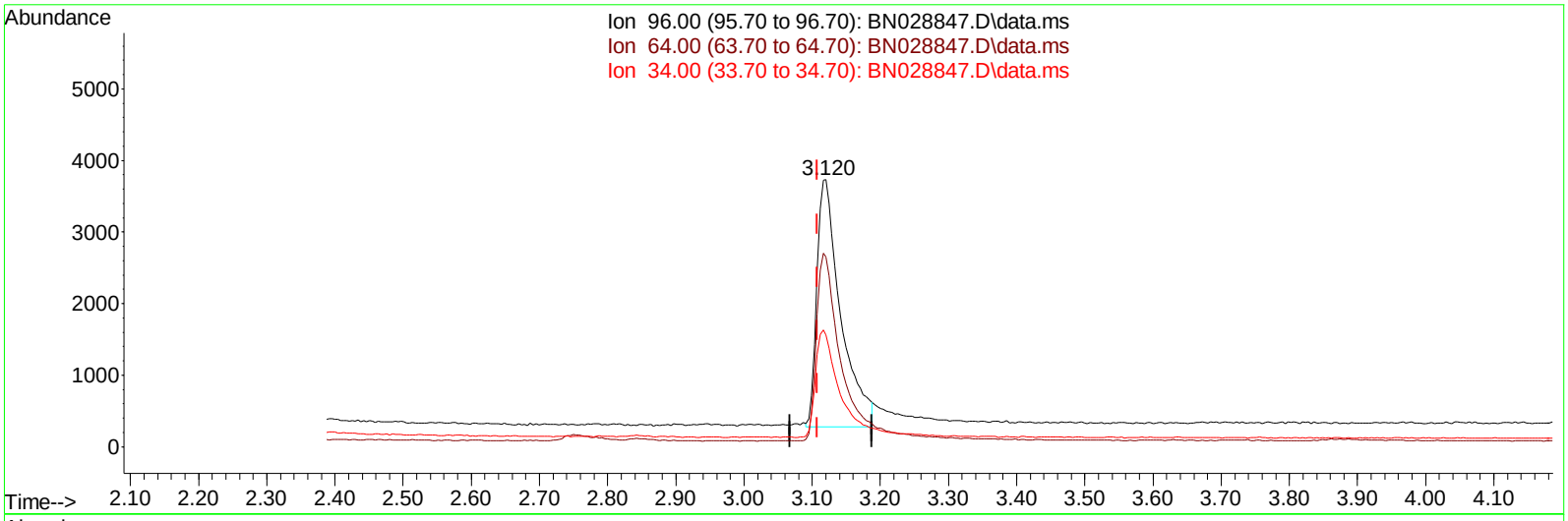

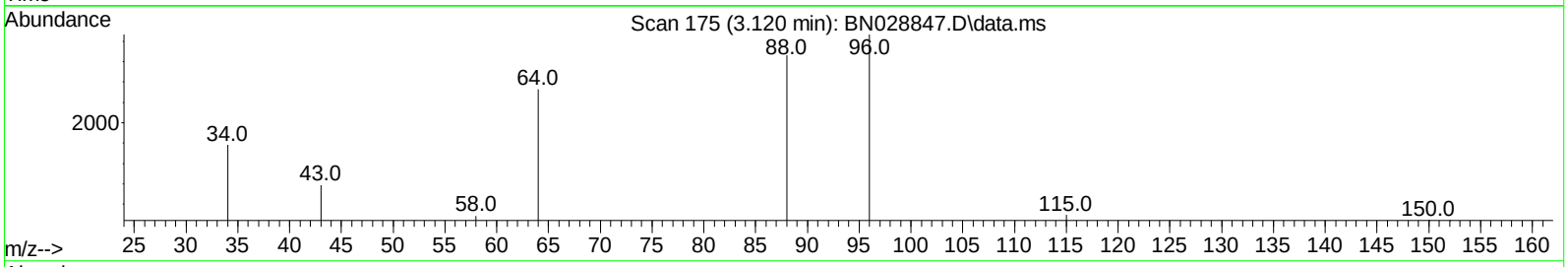

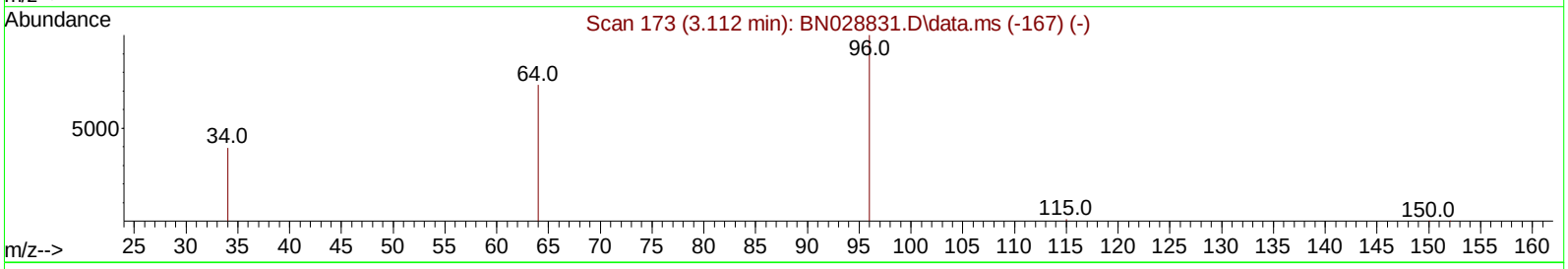

TIC: BN028847.D\data.ms

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

3.120min (+ 0.013) 1.27 ng/ul m

response 8331

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.40	71.21
34.00	38.60	41.85
0.00	0.00	0.00

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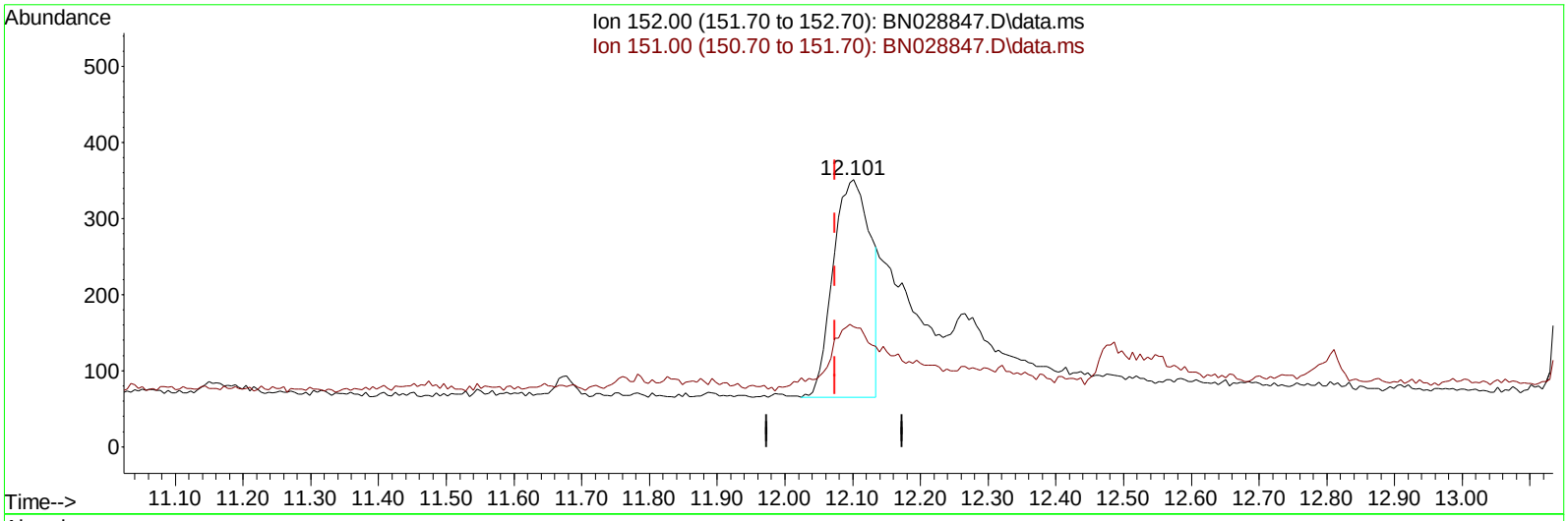

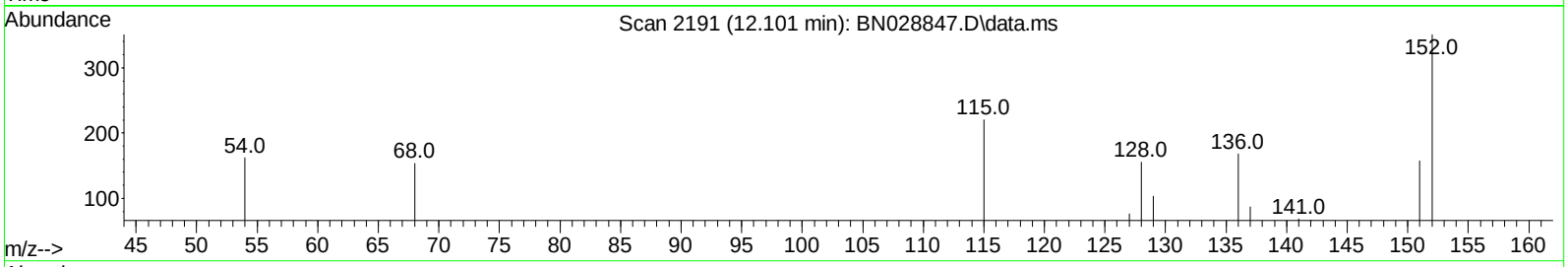

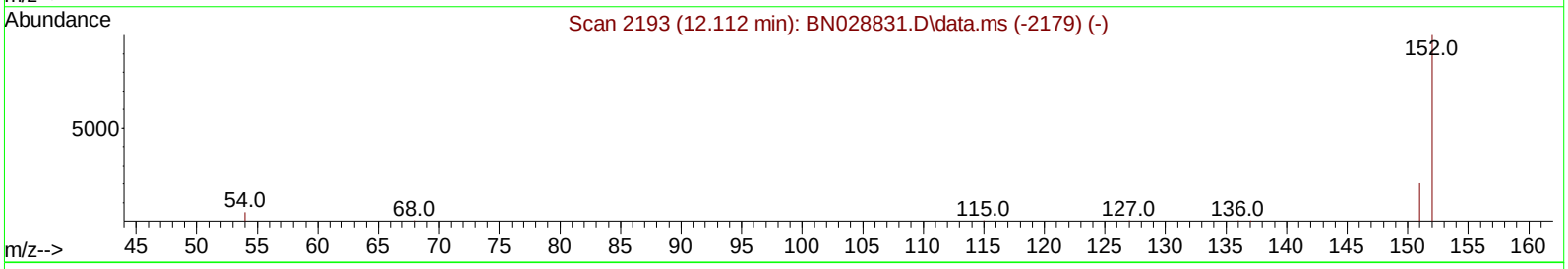

TIC: BN028847.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.101min (+ 0.027) 0.03 ng/ul

response 1097

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	23.52
0.00	0.00	0.00
0.00	0.00	0.00

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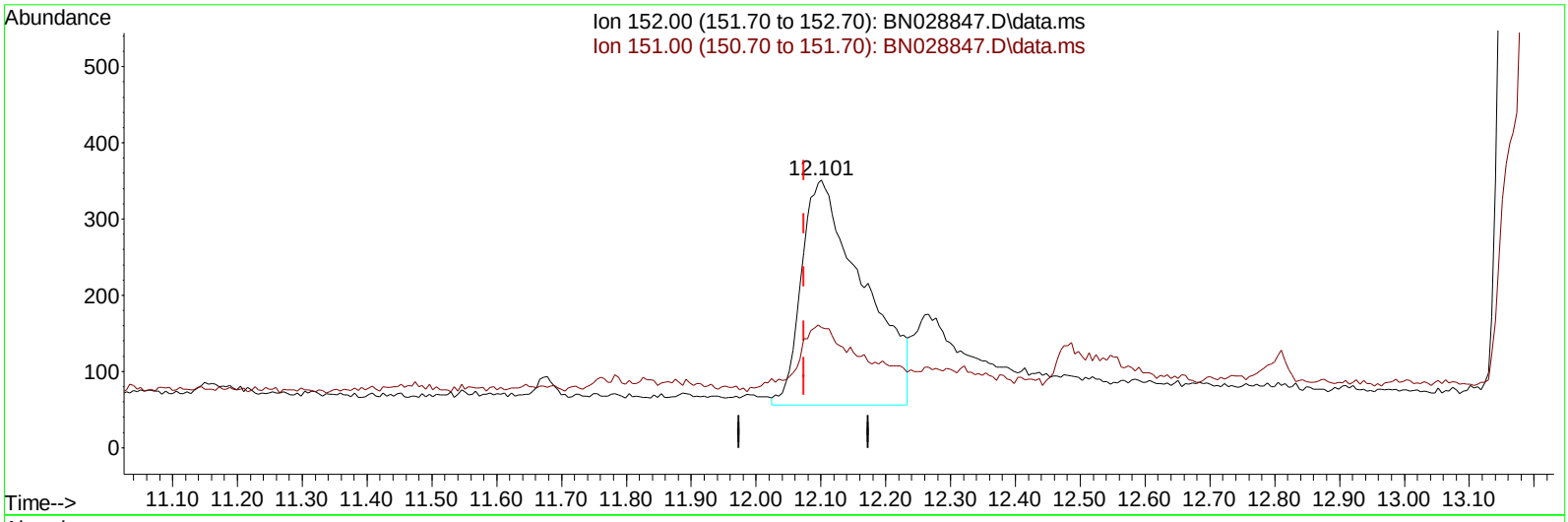

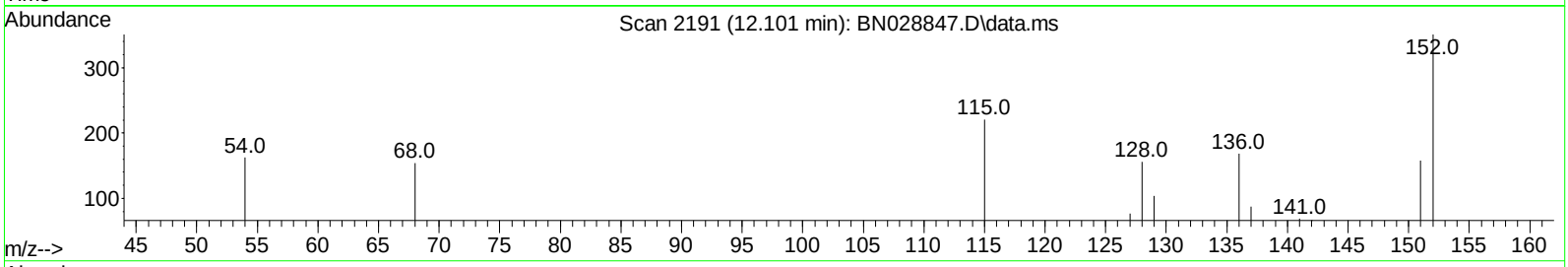

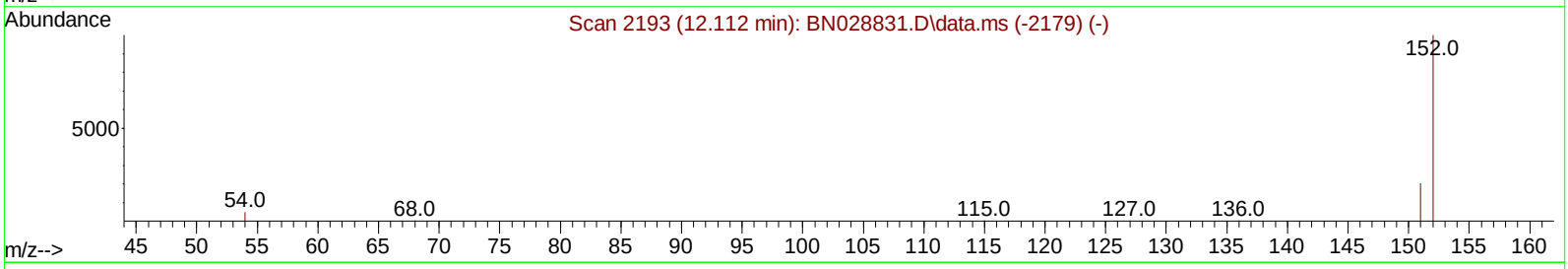

TIC: BN028847.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

12.101min (+ 0.027) 0.05 ng/ul m

response 1958

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.50	13.18#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 35 Sample Multiplier: 1

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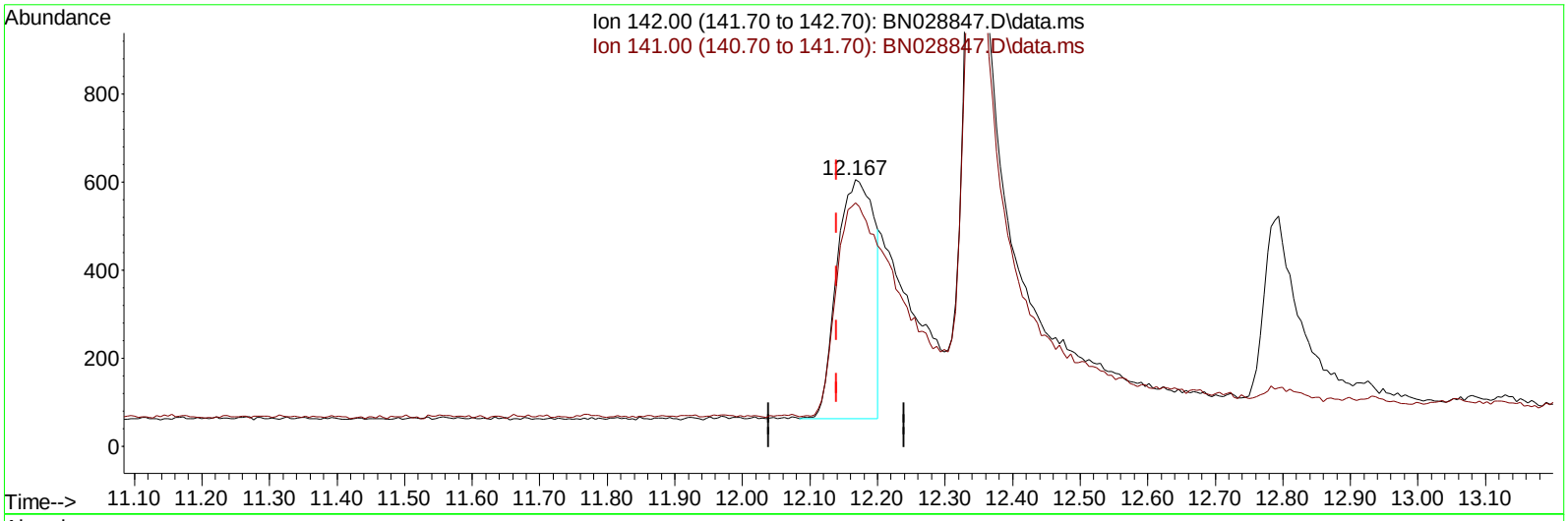

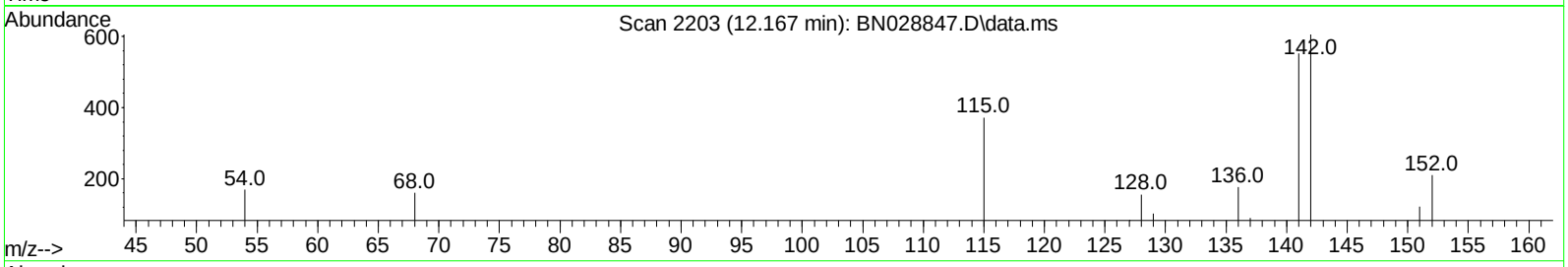

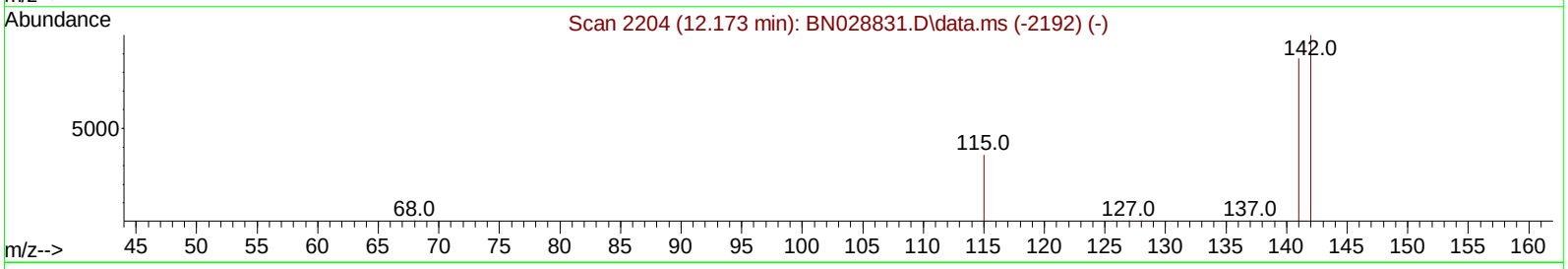

TIC: BN028847.D\data.ms

(7) 2-Methylnaphthalene

12.167min (+ 0.027) 0.05 ng/ul

response 2080

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	89.76
0.00	0.00	0.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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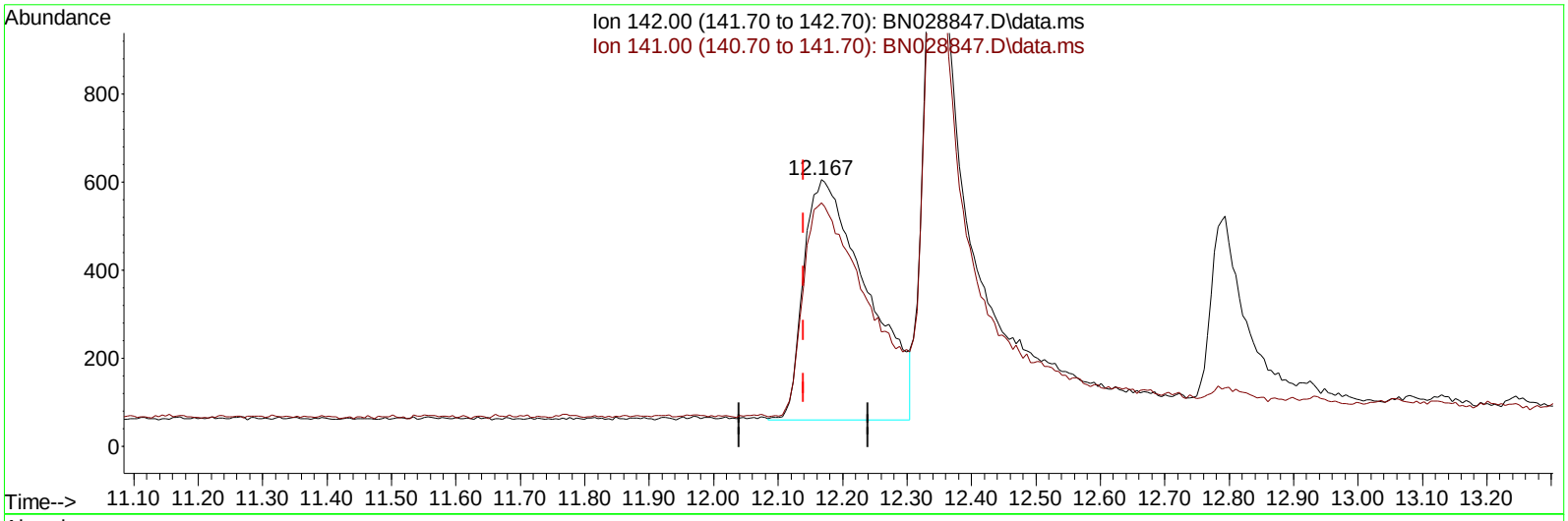

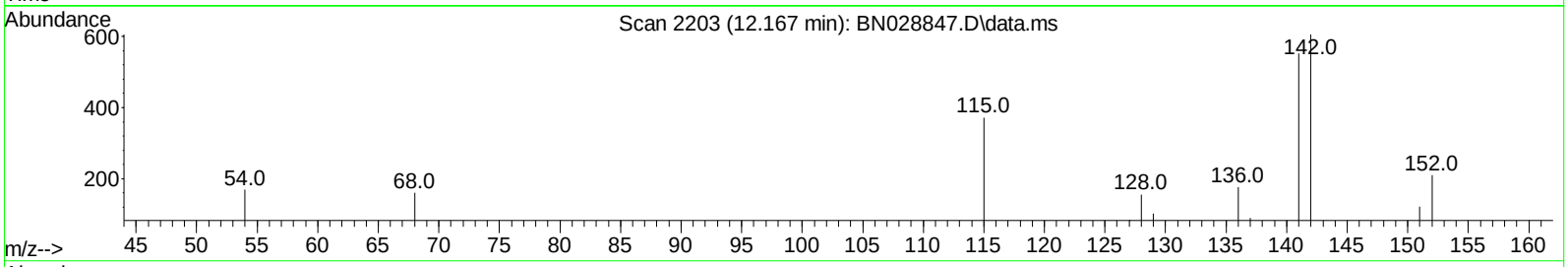

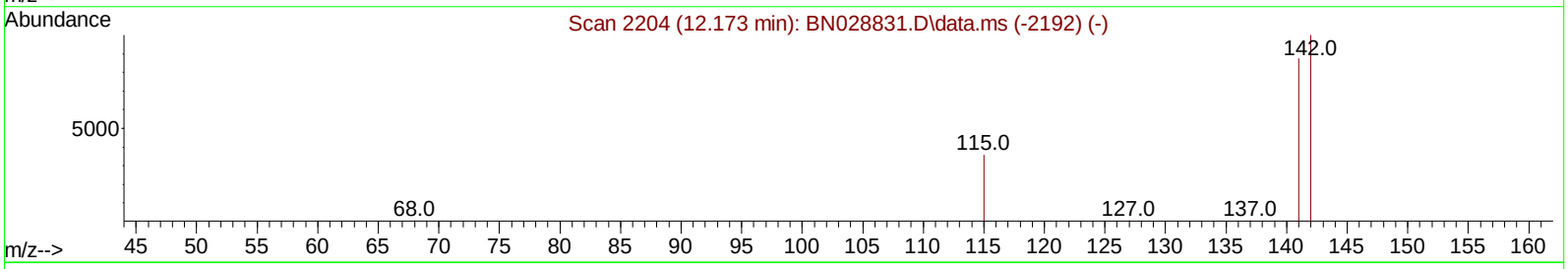

TIC: BN028847.D\data.ms

(7) 2-Methylnaphthalene

12.167min (+ 0.027) 0.09 ng/ul m

response 3745

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	49.85#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.727	152	5927	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.446	136	23666	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.297	164	12833	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.056	188	23269	0.400	ng/ul	0.00
17) Chrysene-d12	21.275	240	15449	0.400	ng/ul	0.00
23) Perylene-d12	23.543	264	15066	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	8331m	1.272	ng/ul	0.01
6) 2-Methylnaphthalene-d10	12.101	152	1958m	0.055	ng/ul	0.03
18) Fluoranthene-d10	19.094	212	4749	0.096	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.484	128	114274	1.723	ng/ul	100
7) 2-Methylnaphthalene	12.167	142	3745m	0.086	ng/ul	
8) 1-Methylnaphthalene	12.343	142	3467	0.078	ng/ul	98
10) Acenaphthylene	14.010	152	10691	0.167	ng/ul	96
11) Acenaphthene	14.357	153	43154	0.916	ng/ul	99
12) Fluorene	15.352	166	74557	1.360	ng/ul	100
14) Pentachlorophenol	16.709	266	1627	0.291	ng/ul	99
15) Phenanthrene	17.094	178	54883	0.768	ng/ul	100
16) Anthracene	17.186	178	6767	0.103	ng/ul#	86
19) Fluoranthene	19.126	202	2113	0.032	ng/ul#	79

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

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