Quantitation Report (Qedit)

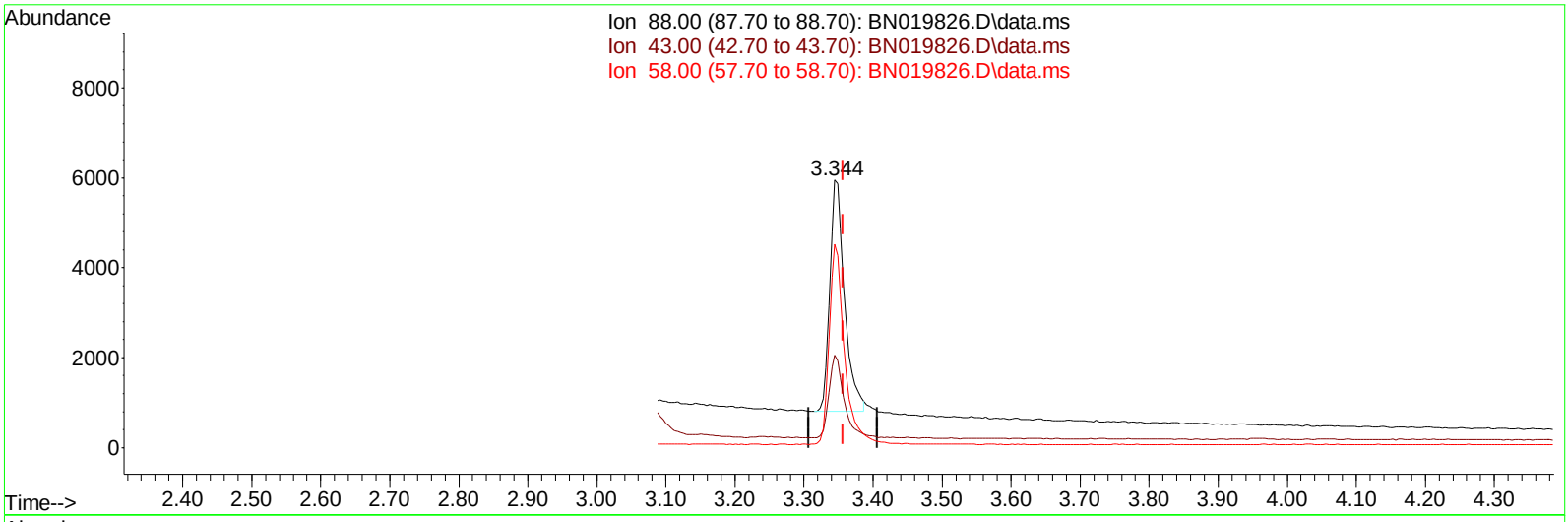
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
Data File : BN019826.D
Acq On : 18 May 2022 12:08
Operator : CG/JU
Sample : PB144854BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

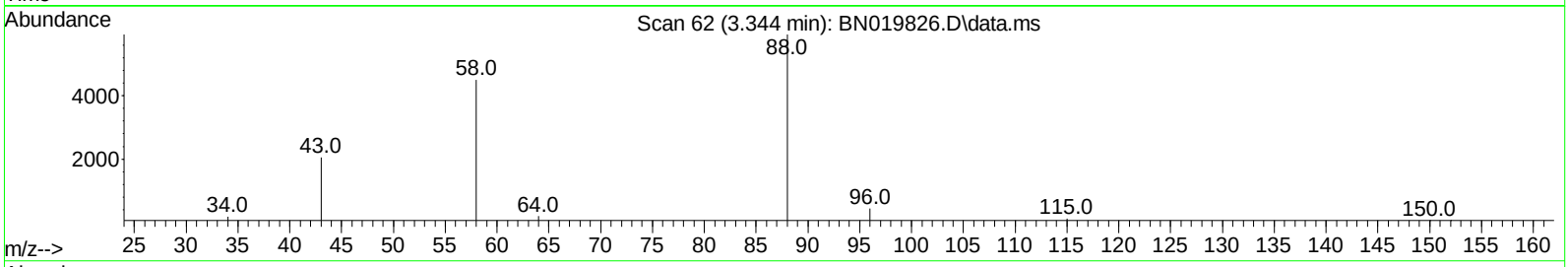
Quant Time: May 19 03:19:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration

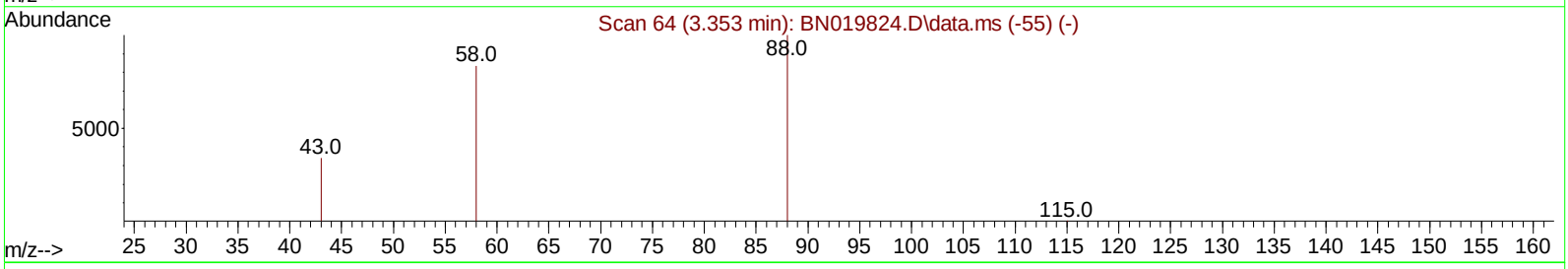
Instrument :
BNA_N
ClientSampleId :
SLCS854

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022







TIC: BN019826.D\data.ms

(2) 1,4-Dioxane

3.344min (-0.013) 1.46 ng/ul

response 7657

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	48.70	34.59#
58.00	49.80	75.97#
0.00	0.00	0.00

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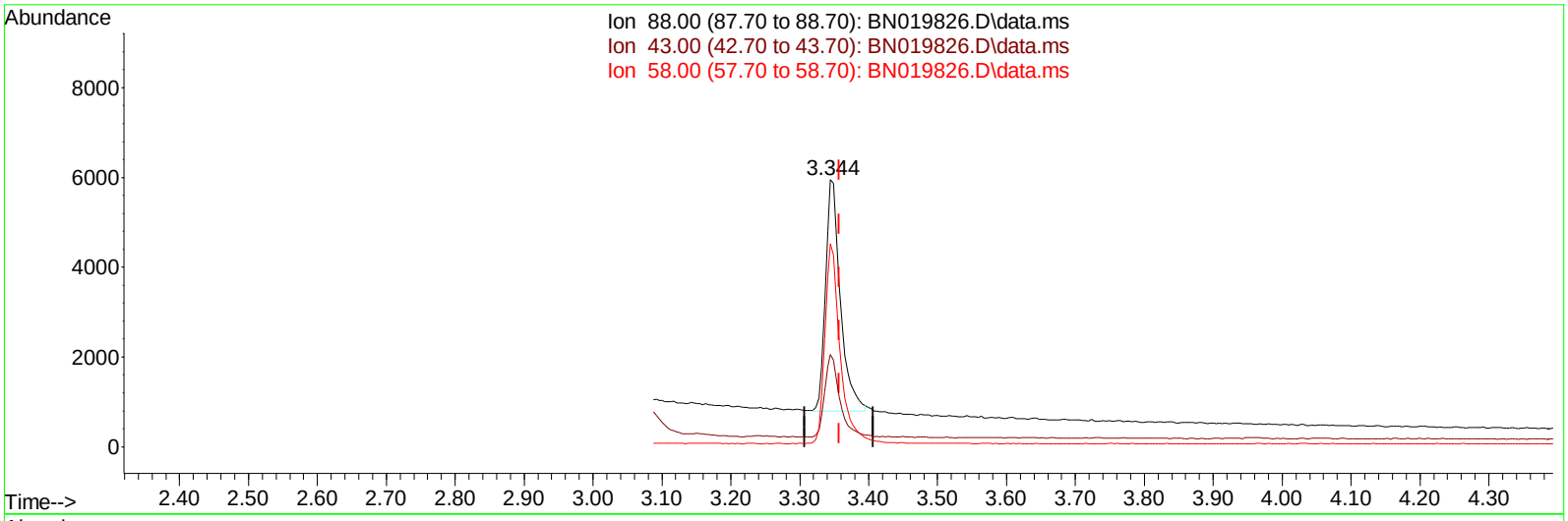

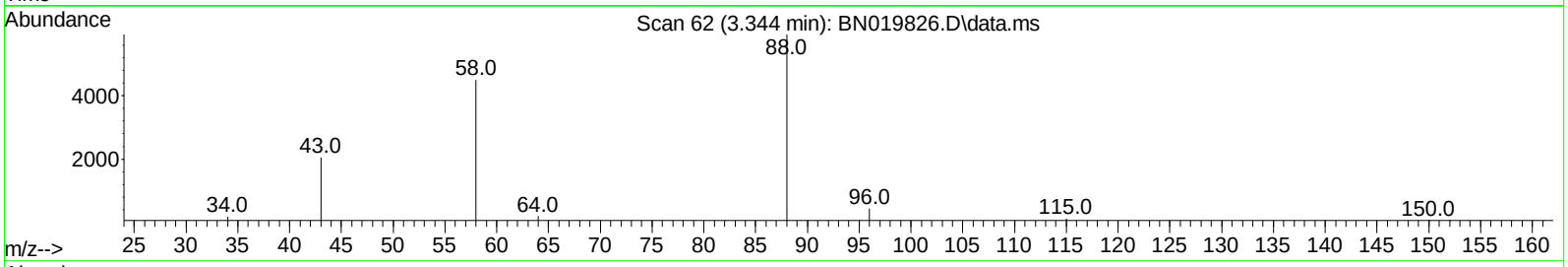

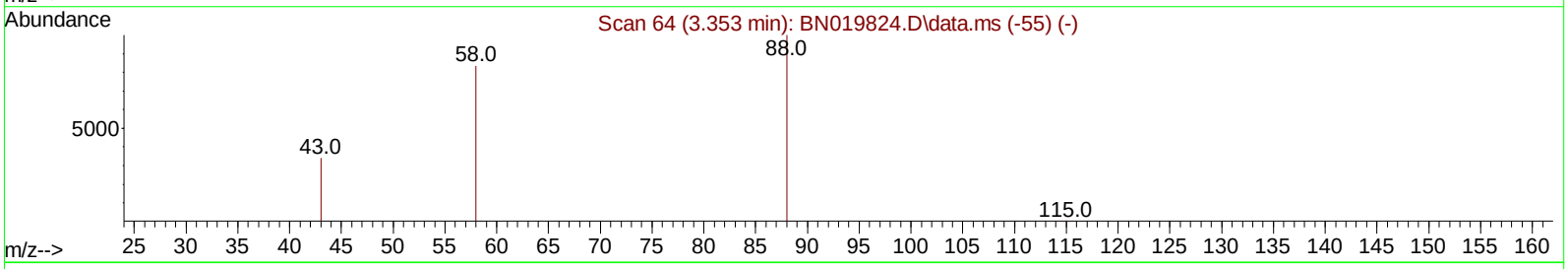

TIC: BN019826.D\data.ms

(2) 1,4-Dioxane

3.344min (-0.013) 1.48 ng/ul m

response 7760

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	48.70	34.59#
58.00	49.80	75.97#
0.00	0.00	0.00

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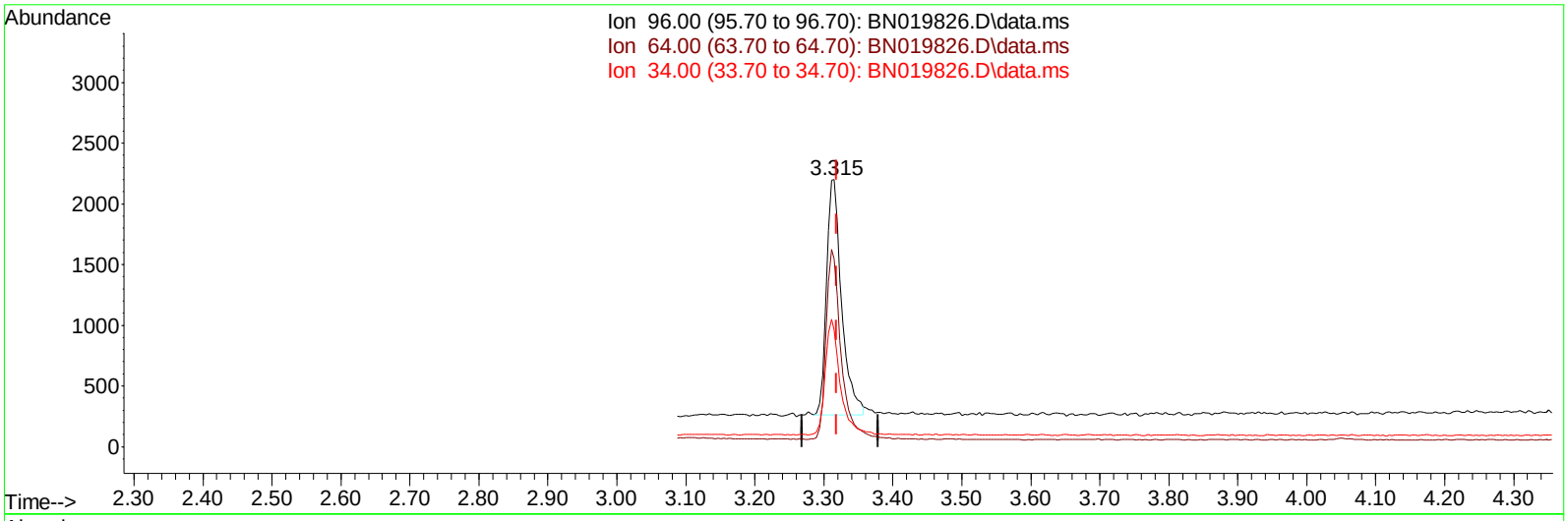

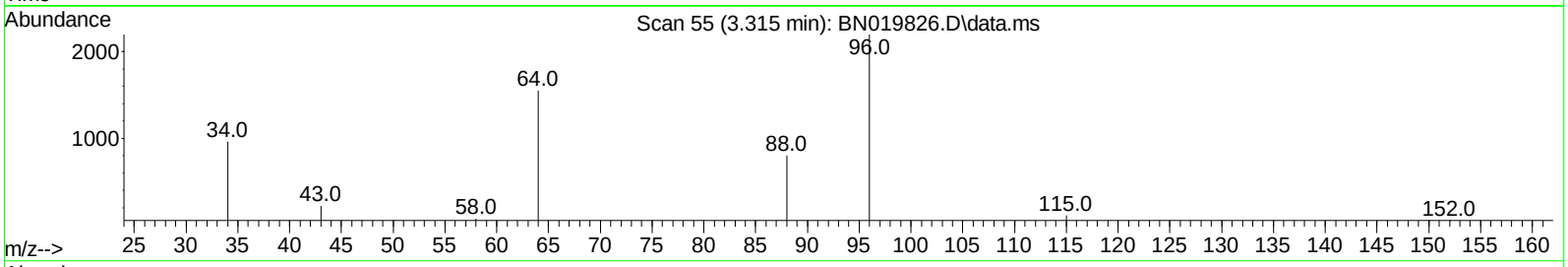

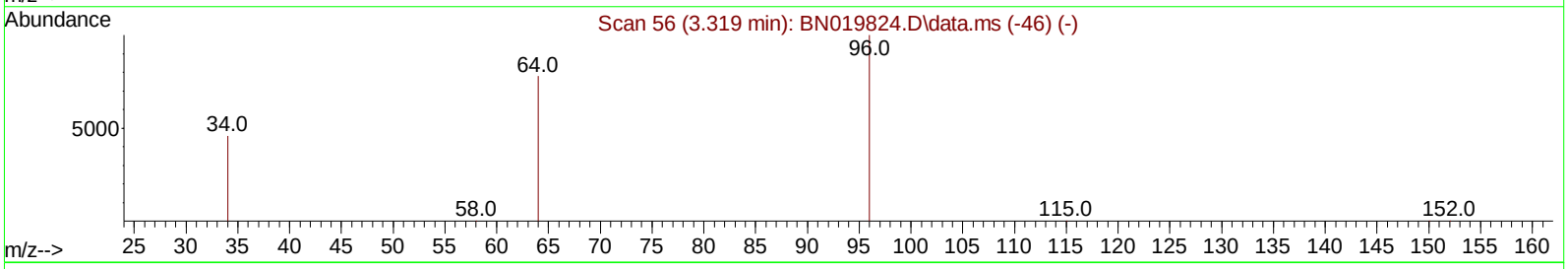

TIC: BN019826.D\data.ms

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

3.315min (-0.004) 0.60 ng/ul

response 2941

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	40.10	70.47#
34.00	22.70	43.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 4 Sample Multiplier: 1

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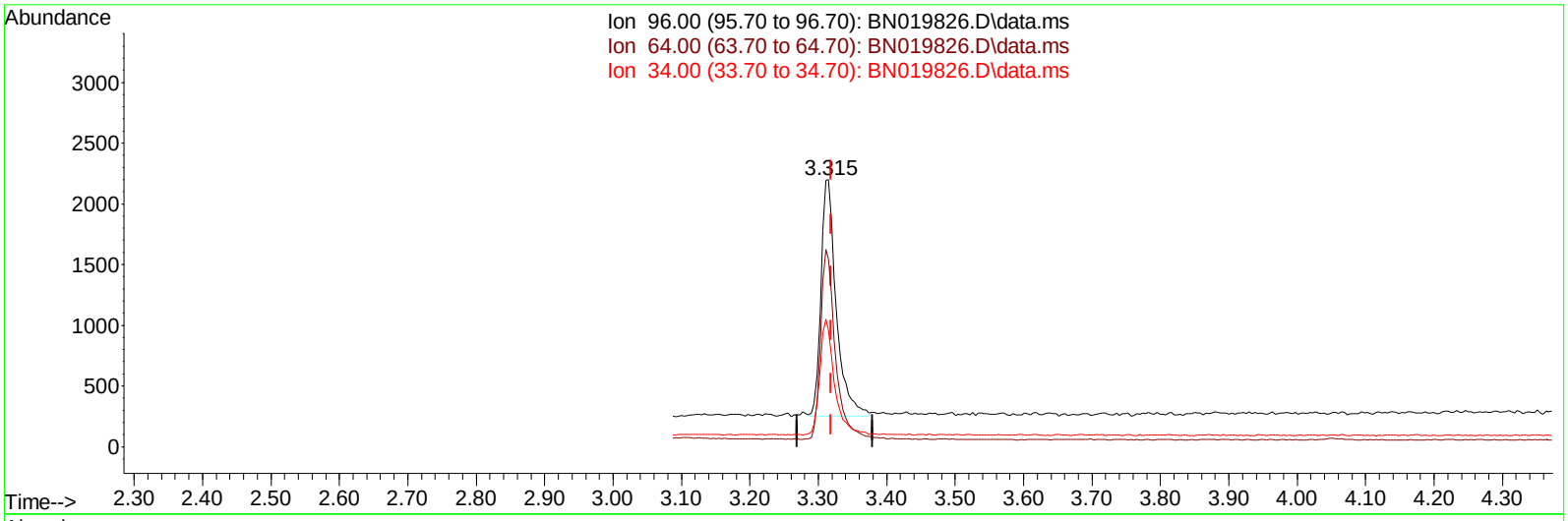

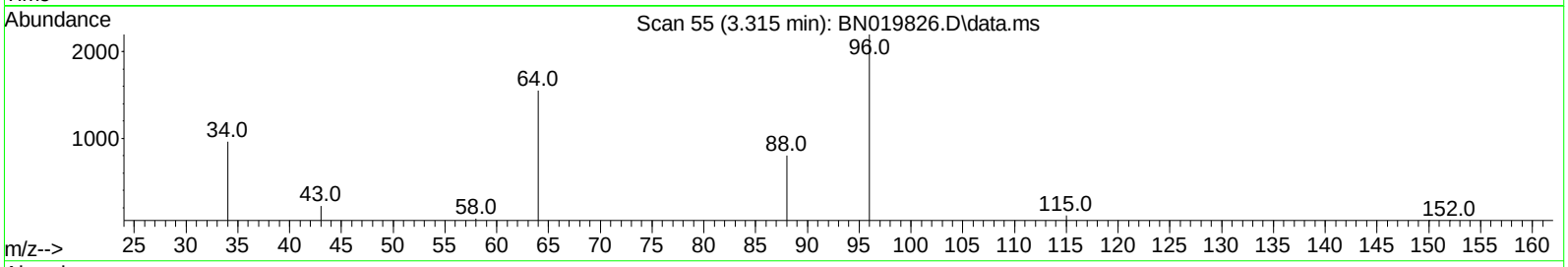

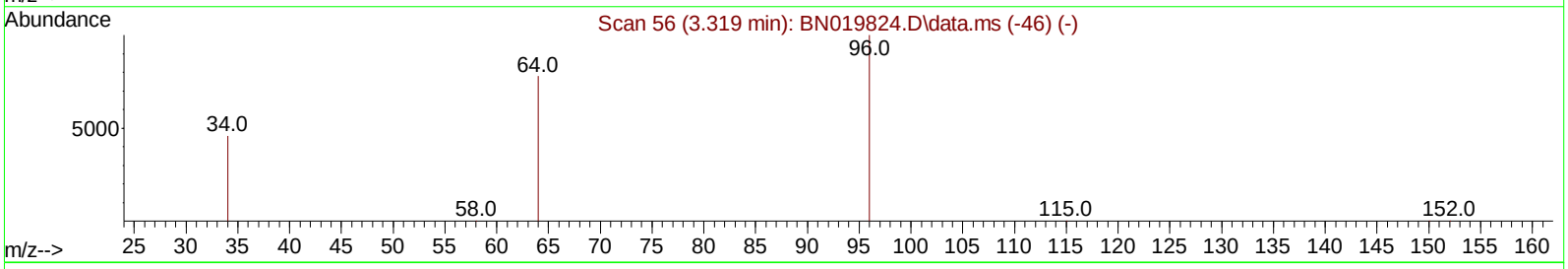

TIC: BN019826.D\data.ms

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

3.315min (-0.004) 0.62 ng/ul m

response 3034

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	40.10	70.47#
34.00	22.70	43.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 18 May 2022 12:08
Operator : CG/JU
Sample : PB144854BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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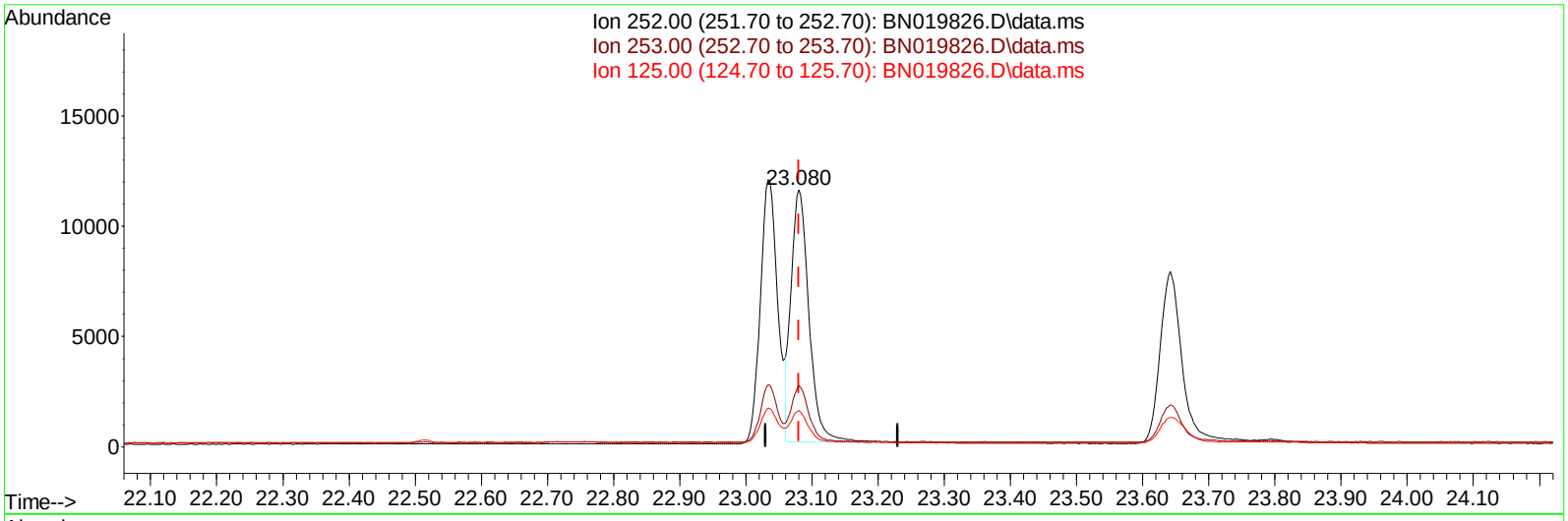

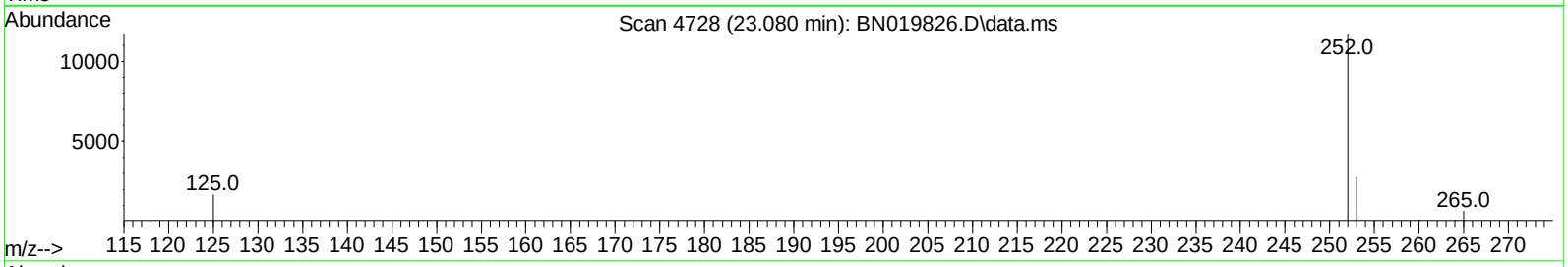

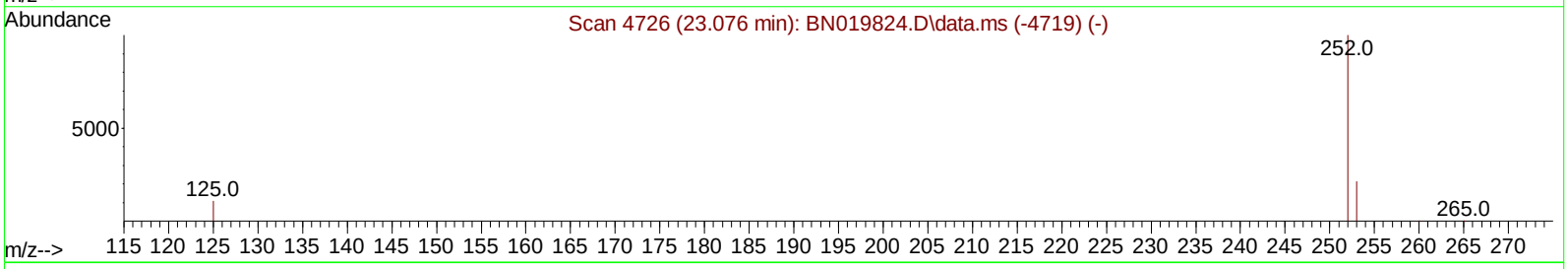

TIC: BN019826.D\data.ms

(25) Benzo(k)fluoranthene

23.080min (-0.000) 0.34 ng/ul

response 21844

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.20	23.75
125.00	13.80	14.14
0.00	0.00	0.00

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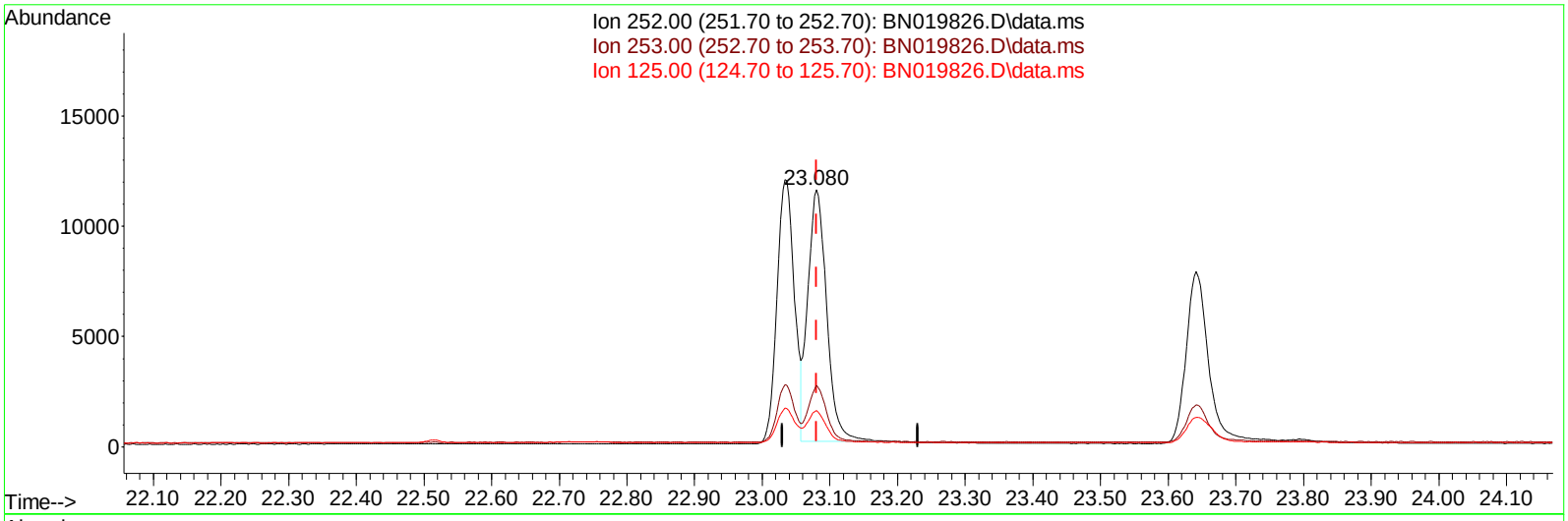

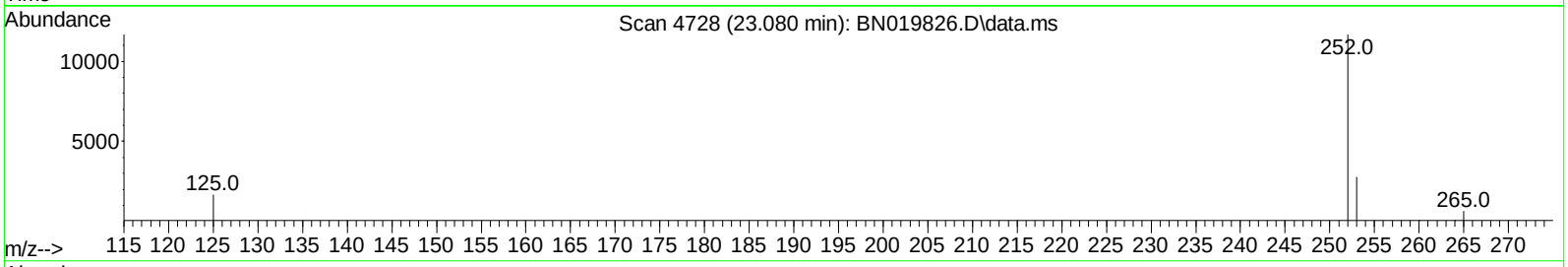

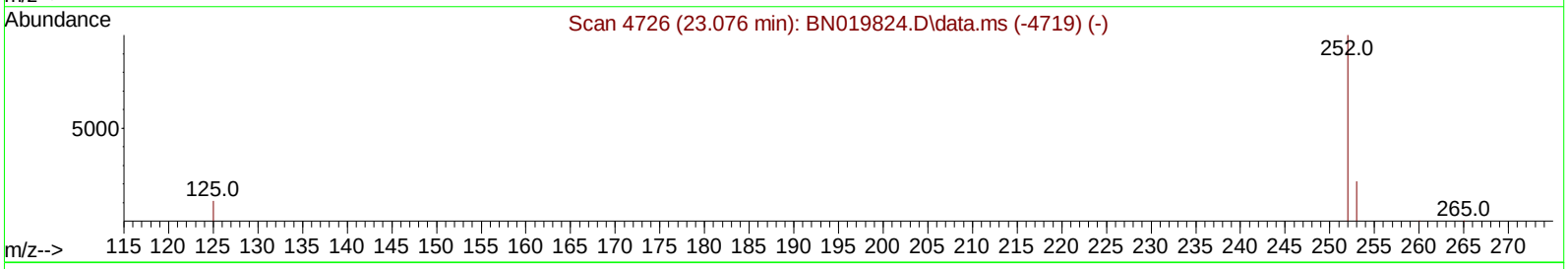

TIC: BN019826.D\data.ms

(25) Benzo(k)fluoranthene

23.080min (-0.000) 0.35 ng/ul m

response 22195

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.20	23.75
125.00	13.80	14.14
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	7.846	152	4162	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	13146	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.469	164	7913	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	17811	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	15845	0.400	ng/ul	0.00
23) Perylene-d12	23.747	264	12969	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	3034m	0.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	7111	0.357	ng/ul	-0.01
18) Fluoranthene-d10	19.244	212	17039	0.340	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.344	88	7760m	1.484	ng/ul	
5) Naphthalene	10.683	128	12895	0.303	ng/ul	100
7) 2-Methylnaphthalene	12.300	142	8475	0.327	ng/ul#	100
8) 1-Methylnaphthalene	12.514	142	8492	0.354	ng/ul#	100
10) Acenaphthylene	14.192	152	11454	0.293	ng/ul	99
11) Acenaphthene	14.534	153	9386	0.298	ng/ul	99
12) Fluorene	15.520	166	10775	0.312	ng/ul	99
14) Pentachlorophenol	16.867	266	829	0.216	ng/ul	90
15) Phenanthrene	17.251	178	19811	0.302	ng/ul	99
16) Anthracene	17.344	178	16096	0.301	ng/ul	99
19) Fluoranthene	19.271	202	22370	0.308	ng/ul	99
20) Pyrene	19.634	202	22269	0.308	ng/ul	97
21) Benzo(a)anthracene	21.388	228	18860	0.318	ng/ul	99
22) Chrysene	21.441	228	23460	0.336	ng/ul	99
24) Benzo(b)fluoranthene	23.033	252	21475	0.326	ng/ul	92
25) Benzo(k)fluoranthene	23.080	252	22195m	0.350	ng/ul	
26) Benzo(a)pyrene	23.641	252	18508	0.330	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.151	276	20925	0.299	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.164	278	17287	0.296	ng/ul#	81
29) Benzo(g,h,i)perylene	26.885	276	17587	0.275	ng/ul	96

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

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