

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024410.D
 Acq On : 20 Mar 2023 14:09
 Operator : CG/JU
 Sample : 01884-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB911

Quant Time: Mar 21 02:15:07 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 02:12:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

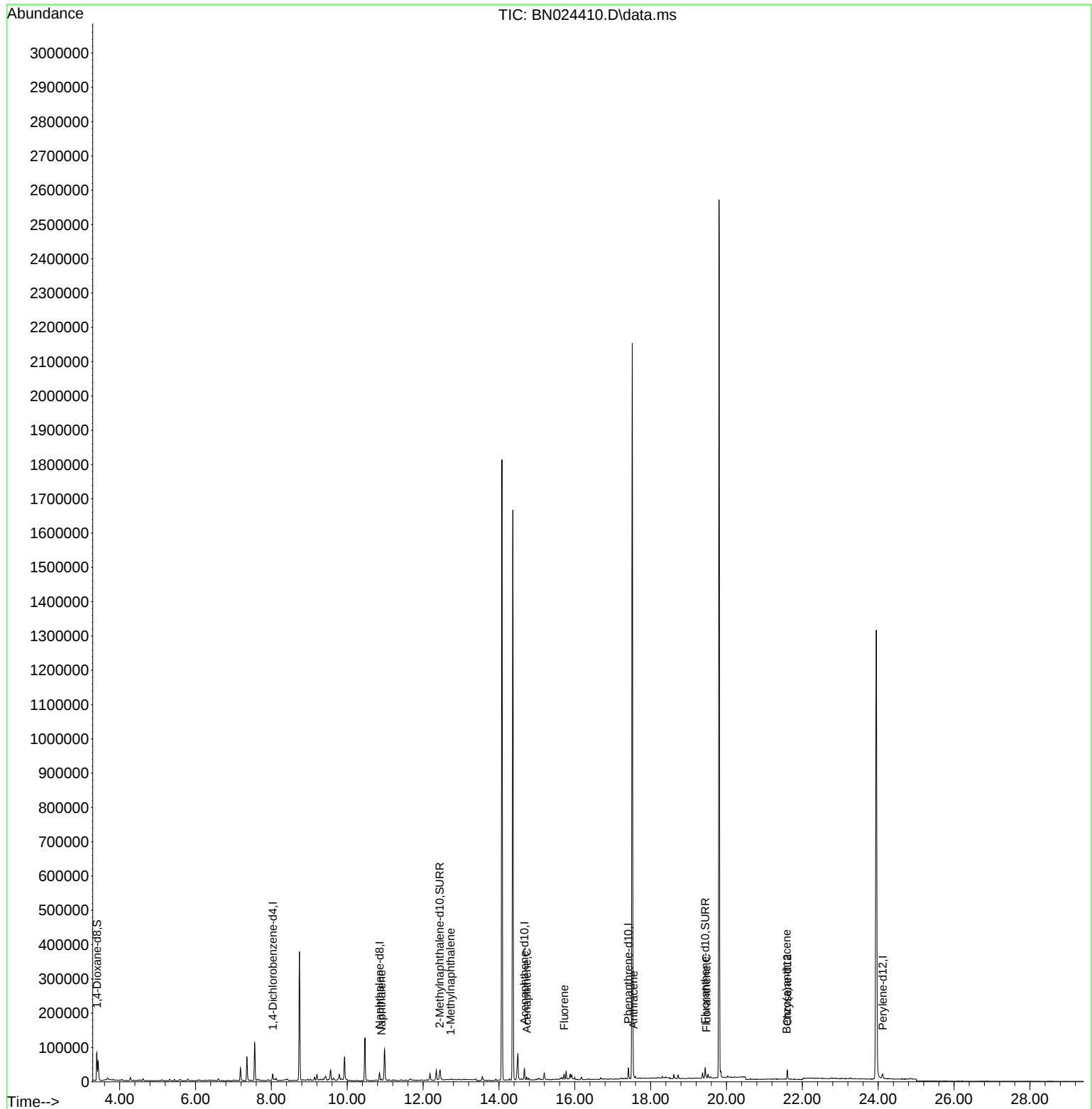
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	9081	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	29367	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.670	164	19187	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	34659	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.603	240	24893	0.400	ng/ul	# 0.00
23) Perylene-d12	24.114	264	17032	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	52599	5.263	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	15063	0.432	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	30410	0.459	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.900	128	3738	0.051	ng/ul#	61
8) 1-Methylnaphthalene	12.725	142	1141	0.024	ng/ul	92
11) Acenaphthene	14.731	153	4916	0.080	ng/ul	97
12) Fluorene	15.716	166	9065	0.132	ng/ul#	93
16) Anthracene	17.548	178	6106	0.070	ng/ul#	49
19) Fluoranthene	19.469	202	3528	0.036	ng/ul#	1
21) Benzo(a)anthracene	21.586	228	1741	0.021	ng/ul#	17

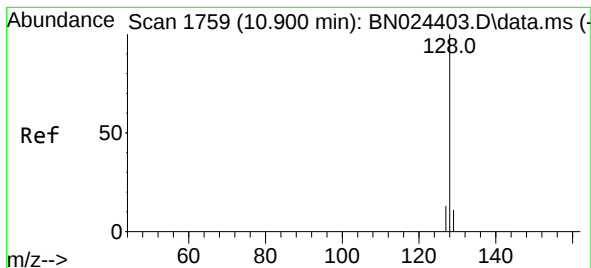
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.051 ng/ul

RT: 10.900 min Scan# 1759

Delta R.T. -0.000 min

Lab File: BN024410.D

Acq: 20 Mar 2023 14:09

Instrument :

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ClientSampleId :

CB911

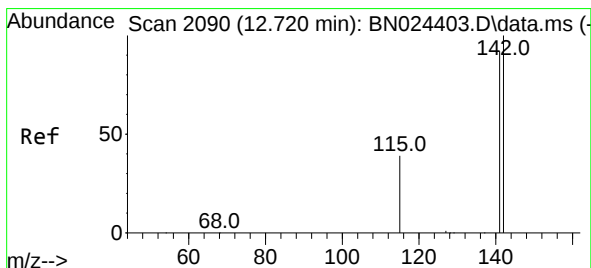
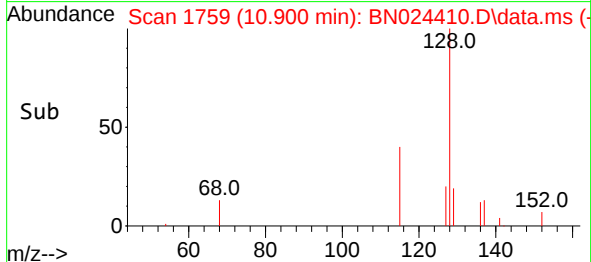
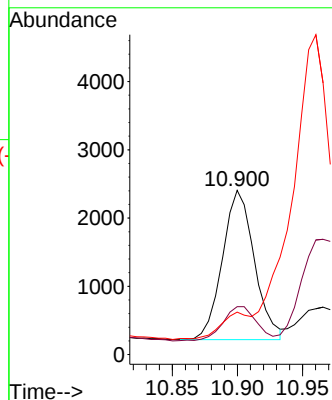
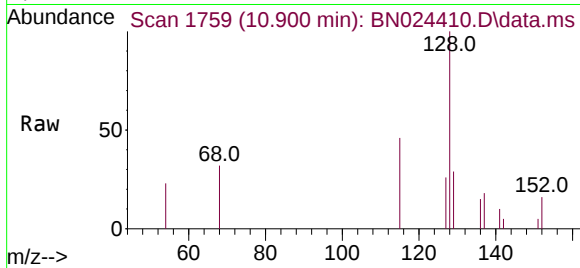
Tgt Ion:128 Resp: 3738

Ion Ratio Lower Upper

128 100

129 29.2 9.0 13.6#

127 25.9 10.5 15.7#



#8

1-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.725 min Scan# 2091

Delta R.T. 0.005 min

Lab File: BN024410.D

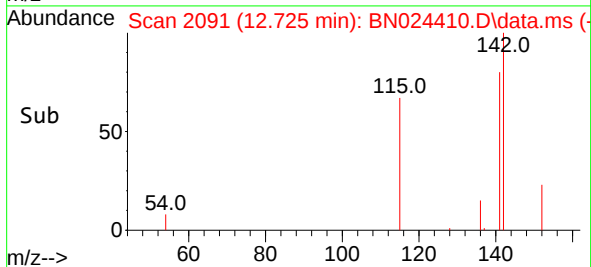
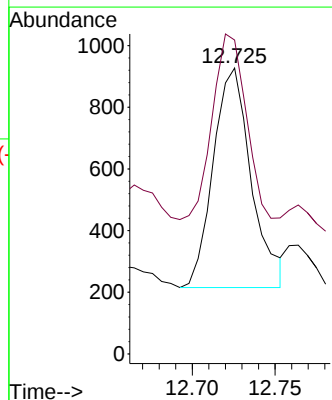
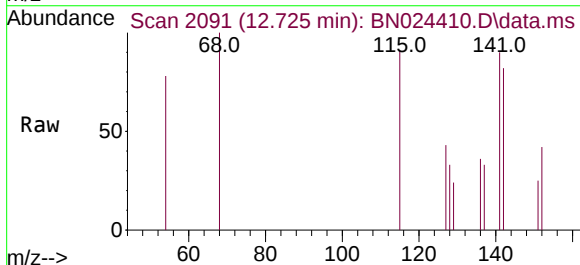
Acq: 20 Mar 2023 14:09

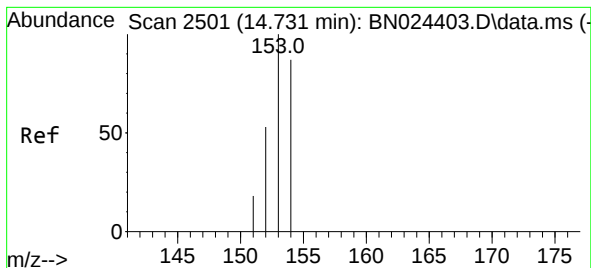
Tgt Ion:142 Resp: 1141

Ion Ratio Lower Upper

142 100

141 83.4 73.0 109.6





#11

Acenaphthene

Concen: 0.080 ng/ul

RT: 14.731 min Scan# 2501

Delta R.T. -0.000 min

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Instrument :

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CB911

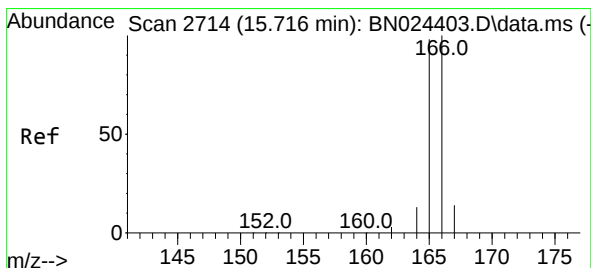
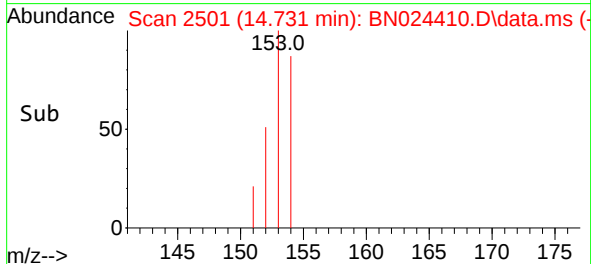
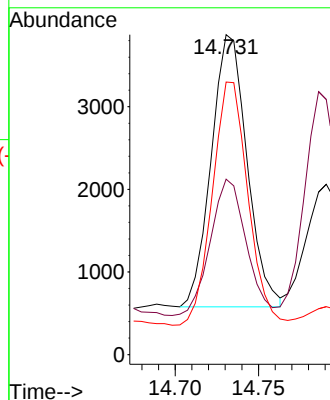
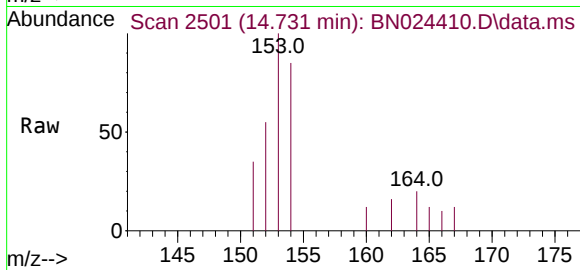
Tgt Ion:153 Resp: 4916

Ion Ratio Lower Upper

153 100

152 54.8 42.6 64.0

154 85.2 70.6 105.8



#12

Fluorene

Concen: 0.132 ng/ul

RT: 15.716 min Scan# 2714

Delta R.T. -0.000 min

Lab File: BN024410.D

Acq: 20 Mar 2023 14:09

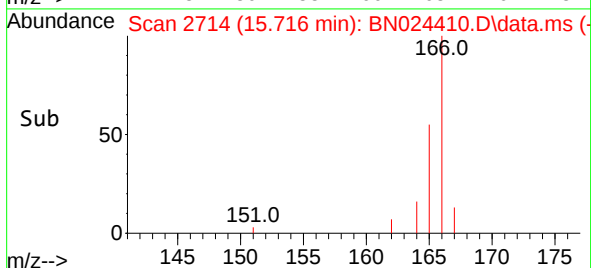
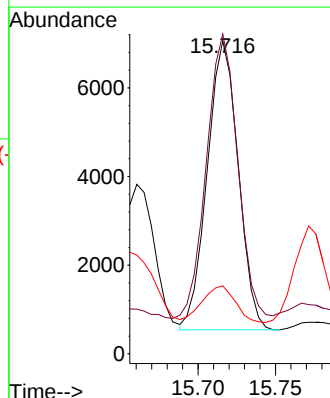
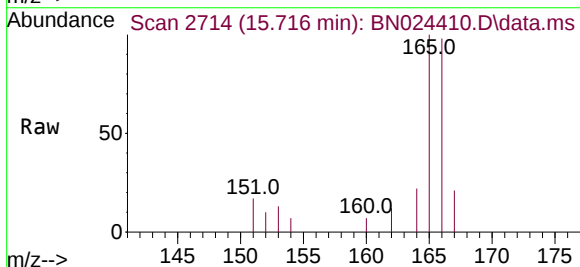
Tgt Ion:166 Resp: 9065

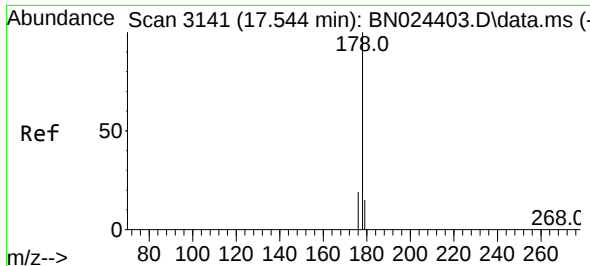
Ion Ratio Lower Upper

166 100

165 102.2 77.4 116.0

167 21.7 10.9 16.3#

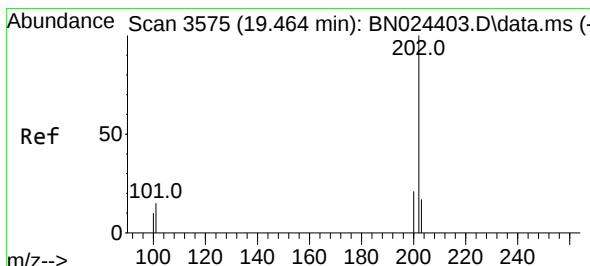
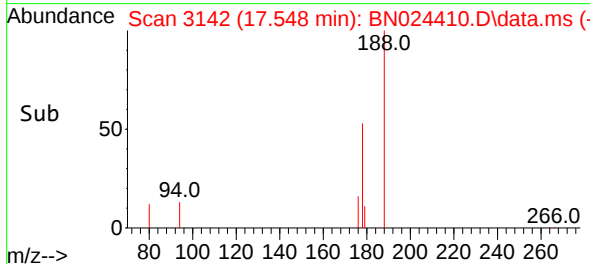
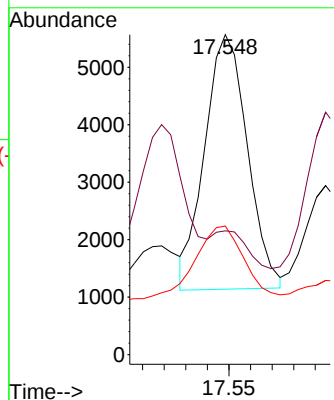
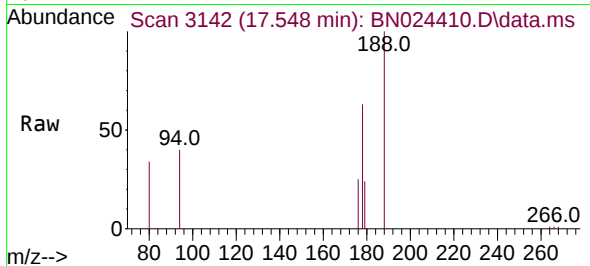




#16
 Anthracene
 Concen: 0.070 ng/ul
 RT: 17.548 min Scan# 3141
 Delta R.T. 0.004 min
 Lab File: BN024410.D
 Acq: 20 Mar 2023 14:09

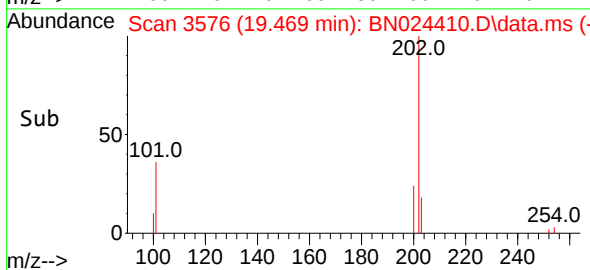
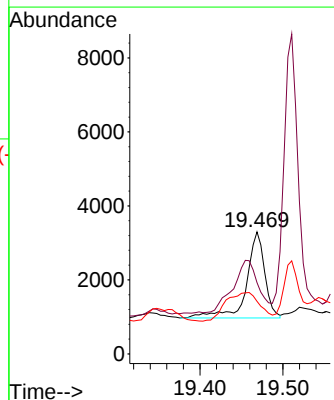
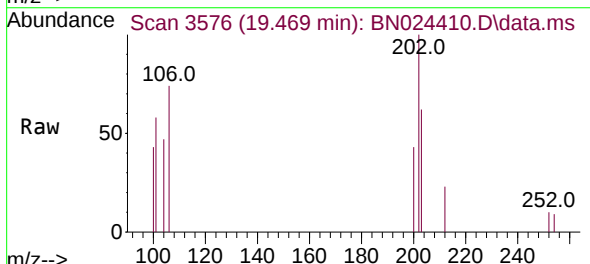
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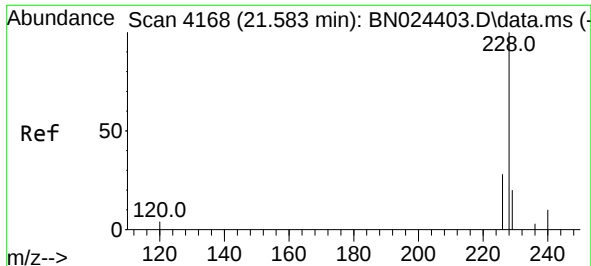
Tgt Ion:178	Resp:	6106
Ion Ratio	Lower	Upper
178	100	
179	38.7	12.3 18.5#
176	40.2	15.3 22.9#



#19
 Fluoranthene
 Concen: 0.036 ng/ul
 RT: 19.469 min Scan# 3576
 Delta R.T. 0.005 min
 Lab File: BN024410.D
 Acq: 20 Mar 2023 14:09

Tgt Ion:202	Resp:	3528
Ion Ratio	Lower	Upper
202	100	
101	58.4	10.4 15.6#
100	43.0	7.7 11.5#





#21

Benzo(a)anthracene

Concen: 0.021 ng/ul

RT: 21.586 min Scan# 41

Delta R.T. 0.003 min

Lab File: BN024410.D

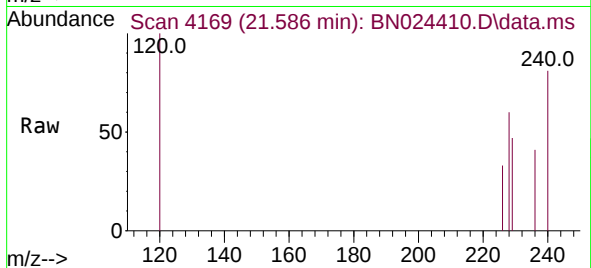
Acq: 20 Mar 2023 14:09

Instrument :

BNA_N

ClientSampleId :

CB911



Tgt Ion:228 Resp: 1741

Ion Ratio Lower Upper

228 100

229 78.1 15.8 23.6#

226 54.4 22.2 33.4#

