

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051321\
 Data File : BN014618.D
 Acq On : 14 May 2021 08:57
 Operator : CG/JU
 Sample : M2197-20
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YARS9

Quant Time: May 14 10:06:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN051221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 01:39:05 2021
 Response via : Initial Calibration

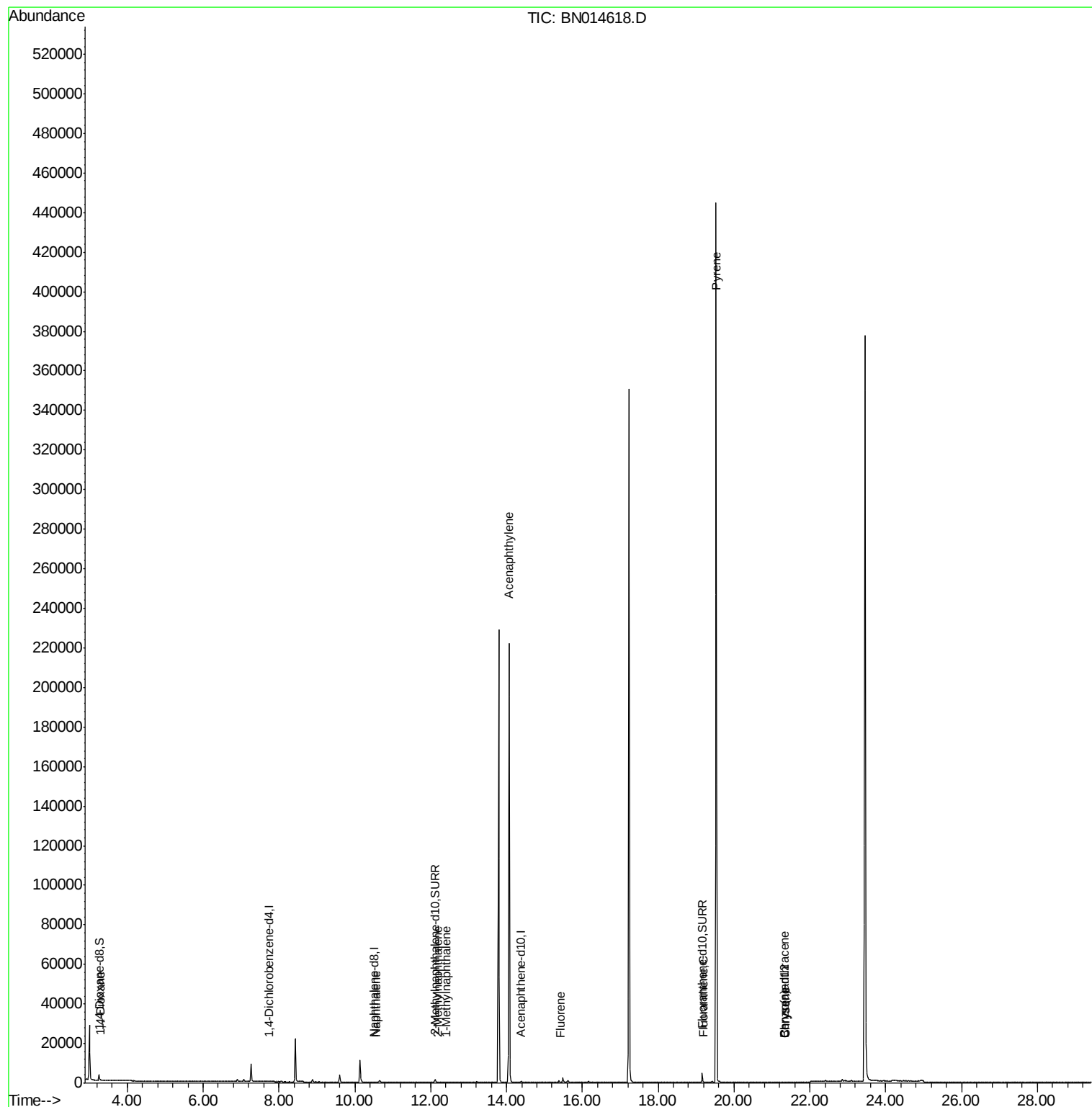
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	17	0.40	ng/ul	0.00
4) Naphthalene-d8	10.52	136	97	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.38	164	220	0.40	ng/ul	0.00
13) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.14
17) Chrysene-d12	21.33	240	187	0.40	ng/ul	0.00
23) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.60
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	1787	101.69	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.12	152	1575	9.51	ng/ul	0.00
18) Fluoranthene-d10	19.16	212	4958	9.80	ng/ul	0.00
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.30	88	10	0.516	ng/ul#	7
5) Naphthalene	10.57	128	55	0.197	ng/ul#	1
7) 2-Methylnaphthalene	12.19	142	61	0.305	ng/ul	93
8) 1-Methylnaphthalene	12.41	142	36	0.187	ng/ul#	80
10) Acenaphthylene	14.07	152	41	0.049	ng/ul#	1
12) Fluorene	15.43	166	19	0.021	ng/ul#	77
19) Fluoranthene	19.20	202	53	0.087	ng/ul#	1
20) Pyrene	19.53	202	803	1.327	ng/ul#	1
21) Benzo(a)anthracene	21.31	228	22	0.039	ng/ul#	1
22) Chrysene	21.36	228	34	0.051	ng/ul#	1

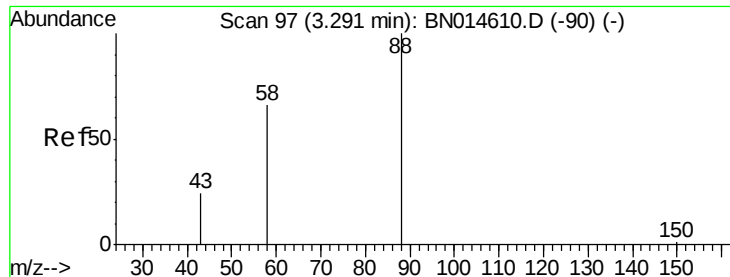
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN051221.M
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#2

1,4-Dioxane

Concen: 0.516 ng/ul

RT: 3.30 min Scan# 99

Delta R.T. 0.01 min

Lab File: BN014618.D

Acq: 14 May 2021 08:57

Instrument :

BNA_N

ClientSampleId :

YARS9

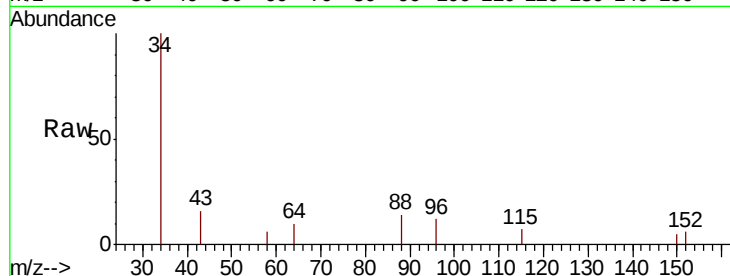
Tot Ion: 88 Resp: 10

Ion Ratio Lower Upper

88 100

43 111.3 15.7 23.5#

58 41.4 23.8 35.6#



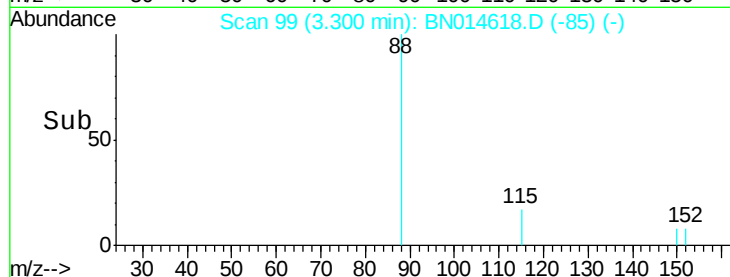
Abundance Ion 88.00 (87.70 to 88.70): BN014610.D (-90) (-)

Ion 43.00 (42.70 to 43.70): BN014610.D (-90) (-)

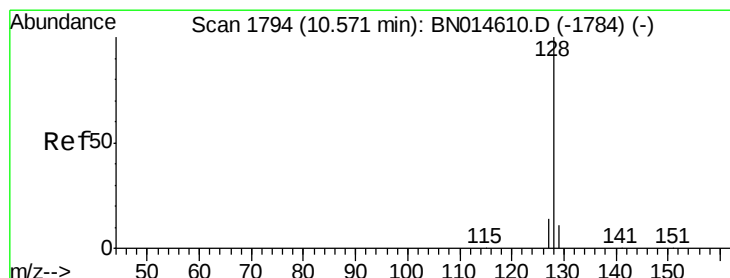
Ion 58.00 (57.70 to 58.70): BN014610.D (-90) (-)

3.30

Time-->



Time-->



#5

Naphthalene

Concen: 0.197 ng/ul

RT: 10.57 min Scan# 1793

Delta R.T. -0.01 min

Lab File: BN014618.D

Acq: 14 May 2021 08:57

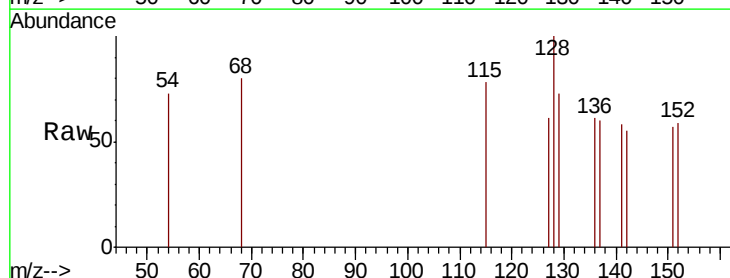
Tgt Ion: 128 Resp: 55

Ion Ratio Lower Upper

128 100

129 73.5 11.6 17.4#

127 61.4 13.3 19.9#



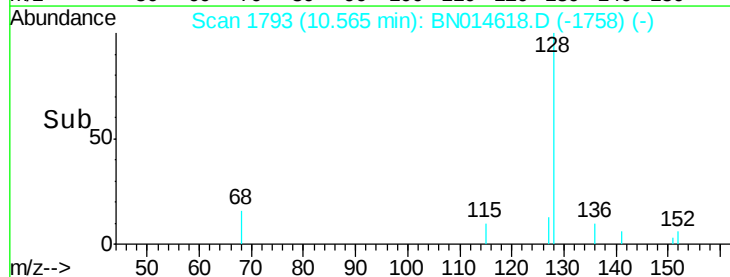
Abundance Ion 128.00 (127.70 to 128.70): BN014610.D (-1784) (-)

Ion 129.00 (128.70 to 129.70): BN014610.D (-1784) (-)

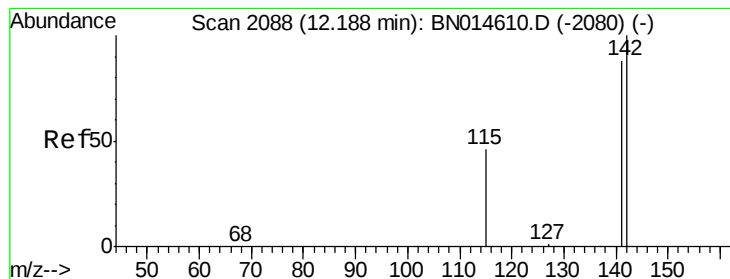
Ion 127.00 (126.70 to 127.70): BN014610.D (-1784) (-)

10.57

Time-->



Time-->



#7

2-Methylnaphthalene

Concen: 0.305 ng/ul

RT: 12.19 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BN014618.D

Acq: 14 May 2021 08:57

Instrument :

BNA_N

ClientSampled :

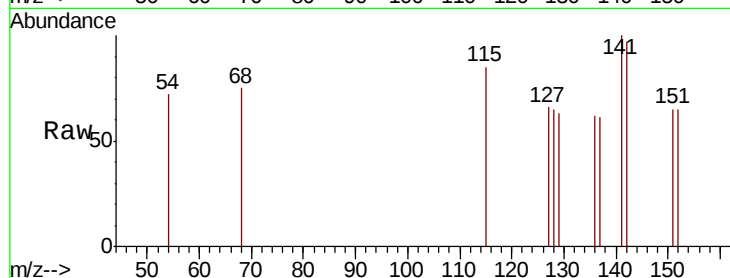
YARS9

Tot Ion:142 Resp: 61

Ion Ratio Lower Upper

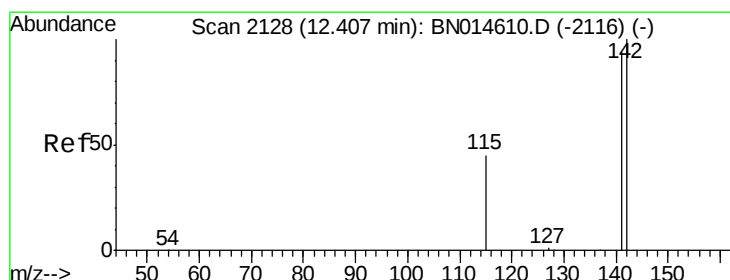
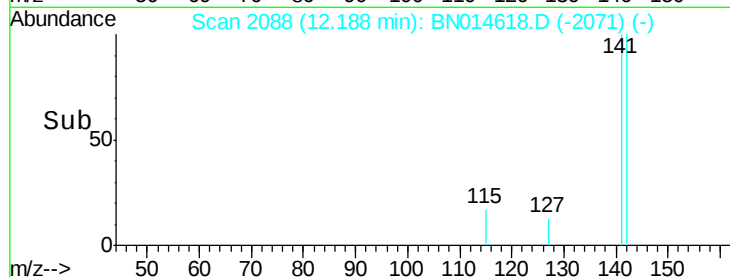
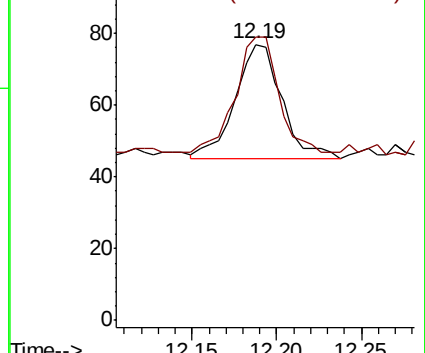
142 100

141 95.1 70.9 106.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#8

1-Methylnaphthalene

Concen: 0.187 ng/ul

RT: 12.41 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BN014618.D

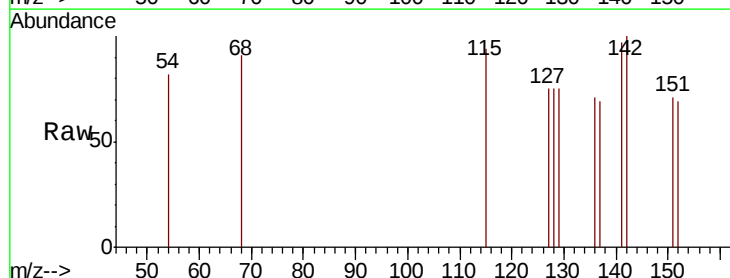
Acq: 14 May 2021 08:57

Tgt Ion:142 Resp: 36

Ion Ratio Lower Upper

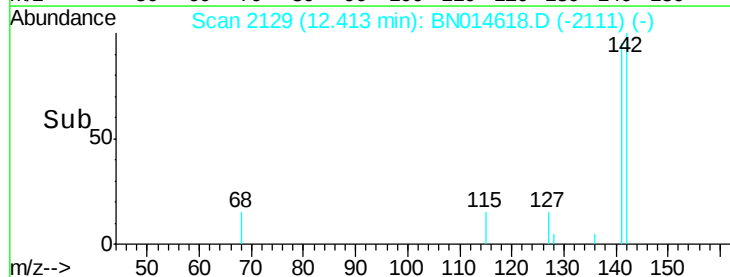
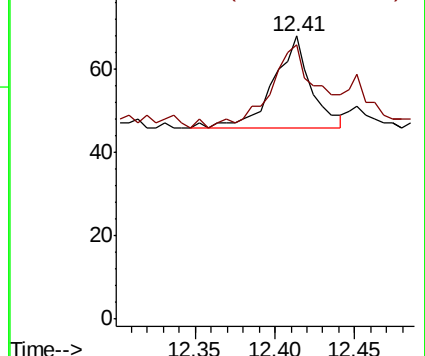
142 100

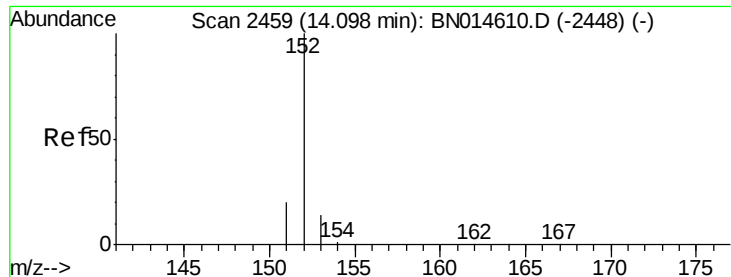
141 113.9 75.9 113.9#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthylene

Concen: 0.049 ng/ul

RT: 14.07 min Scan# 2452

Delta R.T. -0.03 min

Lab File: BN014618.D

Acq: 14 May 2021 08:57

Instrument :

BNA_N

ClientSampleId :

YARS9

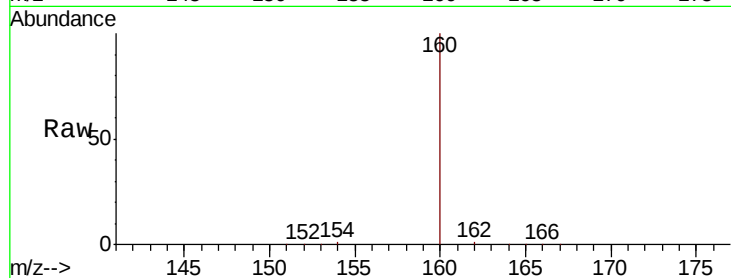
Tot Ion:152 Resp: 41

Ion Ratio Lower Upper

152 100

151 80.0 18.2 27.2#

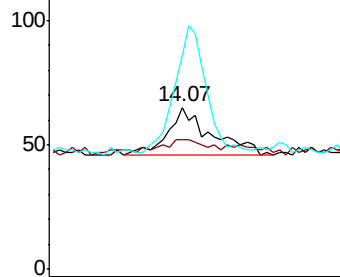
153 132.3 12.8 19.2#



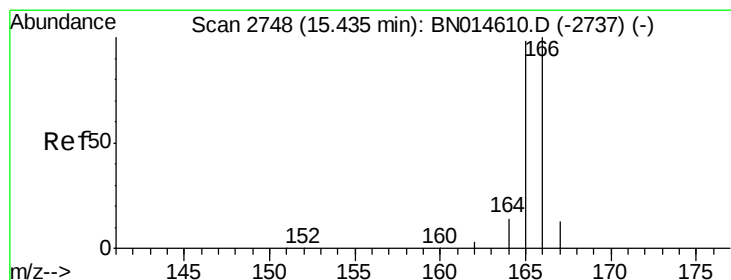
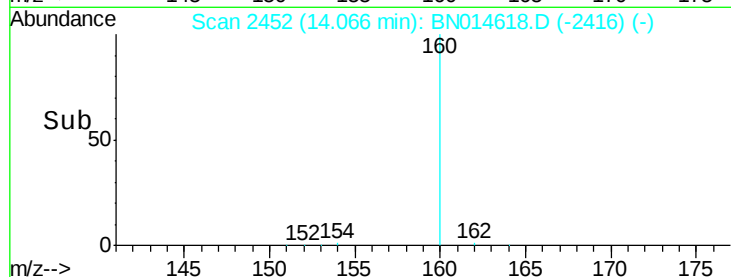
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#12

Fluorene

Concen: 0.021 ng/ul

RT: 15.43 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BN014618.D

Acq: 14 May 2021 08:57

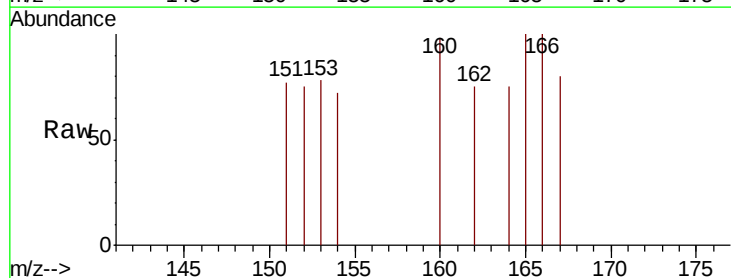
Tgt Ion:166 Resp: 19

Ion Ratio Lower Upper

166 100

165 100.0 78.6 118.0

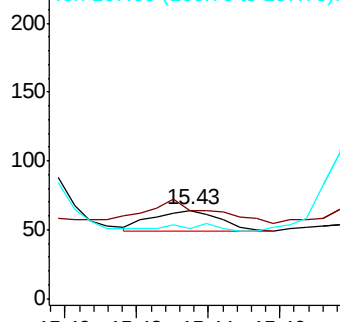
167 79.7 13.2 19.8#



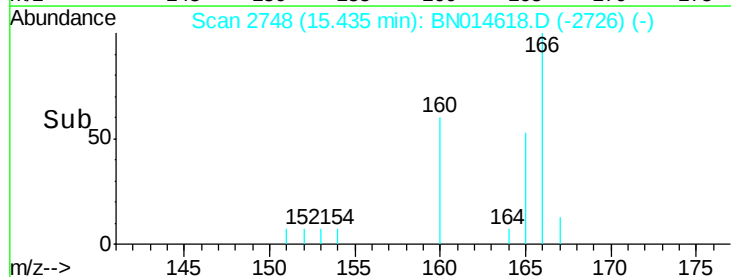
Abundance Ion 166.00 (165.70 to 166.70): E

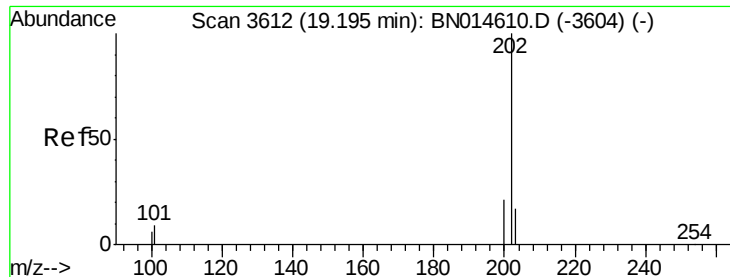
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#19

Fluoranthene

Concen: 0.087 ng/ul

RT: 19.20 min Scan# 3612

Delta R.T. 0.00 min

Lab File: BN014618.D

Acq: 14 May 2021 08:57

Instrument :

BNA_N

ClientSampleId :

YARS9

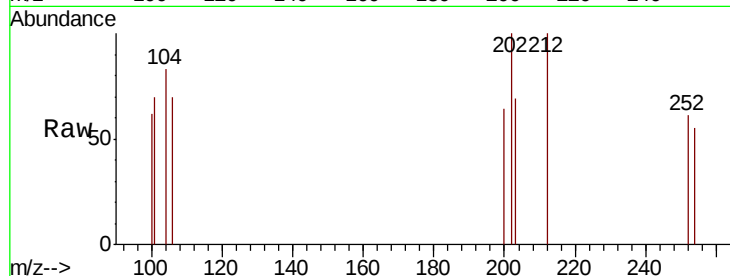
Tot Ion:202 Resp: 53

Ion Ratio Lower Upper

202 100

101 70.2 8.3 12.5#

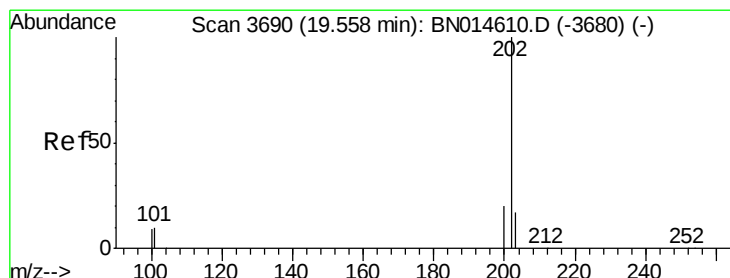
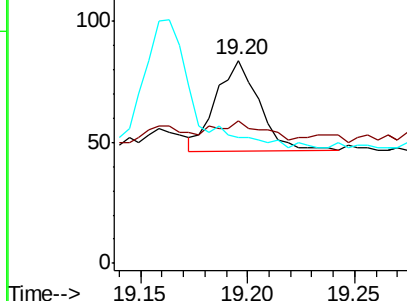
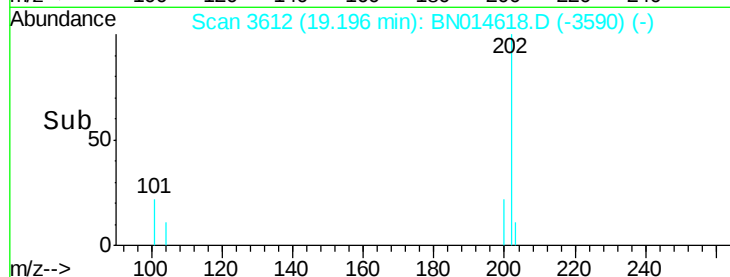
100 61.9 6.7 10.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#20

Pyrene

Concen: 1.327 ng/ul

RT: 19.53 min Scan# 3684

Delta R.T. -0.03 min

Lab File: BN014618.D

Acq: 14 May 2021 08:57

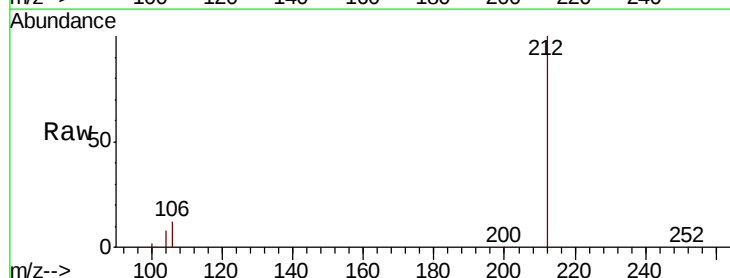
Tgt Ion:202 Resp: 803

Ion Ratio Lower Upper

202 100

101 141.3 9.4 14.0#

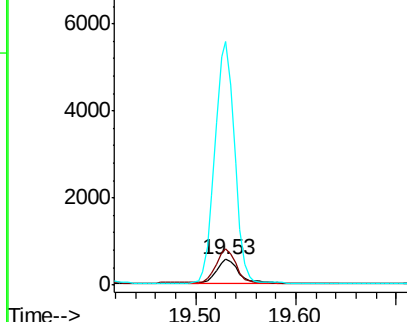
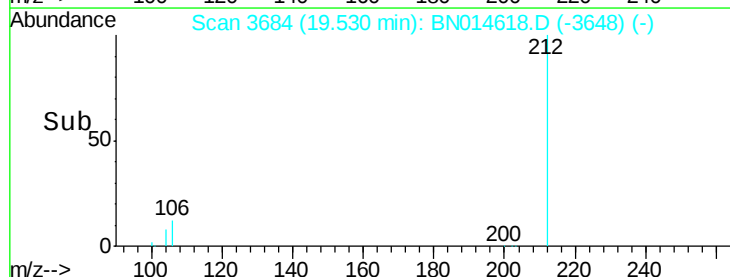
100 954.1 8.2 12.4#

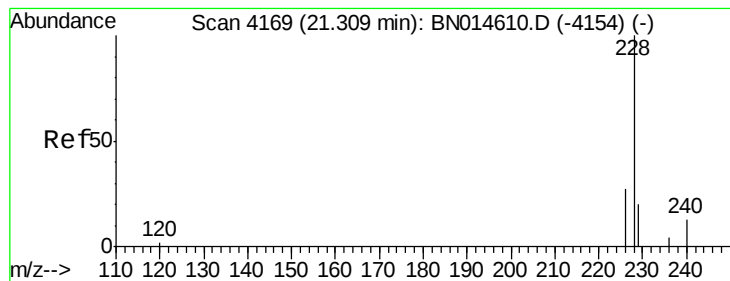


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 0.039 ng/ul

RT: 21.31 min Scan# 4170

Delta R.T. 0.00 min

Lab File: BN014618.D

Acq: 14 May 2021 08:57

Instrument :

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ClientSampleId :

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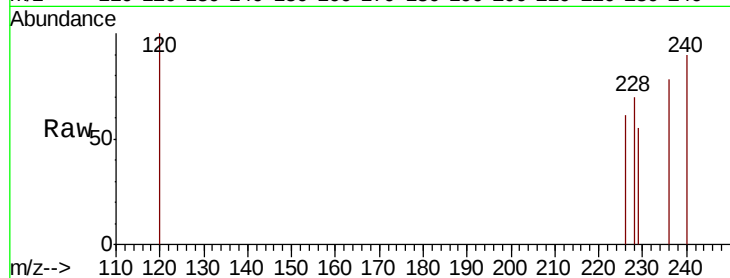
Tot Ion:228 Resp: 22

Ion Ratio Lower Upper

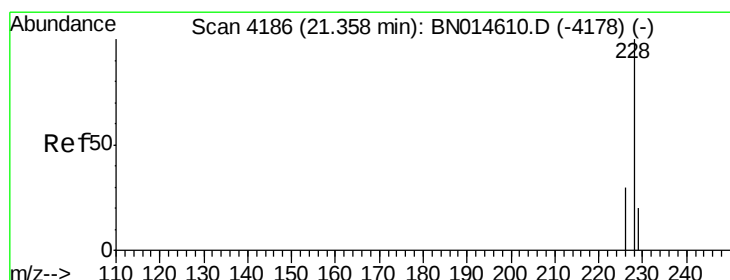
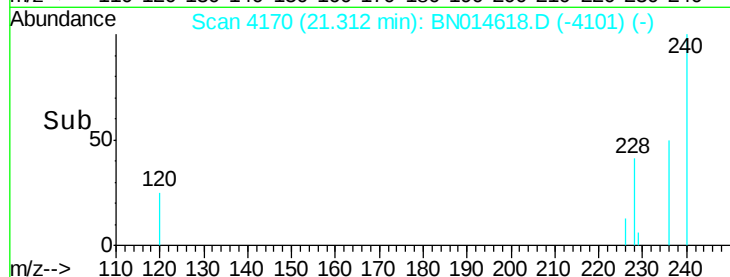
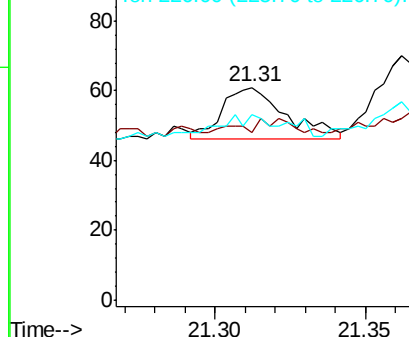
228 100

229 78.7 16.0 24.0#

226 86.9 22.2 33.2#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#22

Chrysene

Concen: 0.051 ng/ul

RT: 21.36 min Scan# 4187

Delta R.T. -0.00 min

Lab File: BN014618.D

Acq: 14 May 2021 08:57

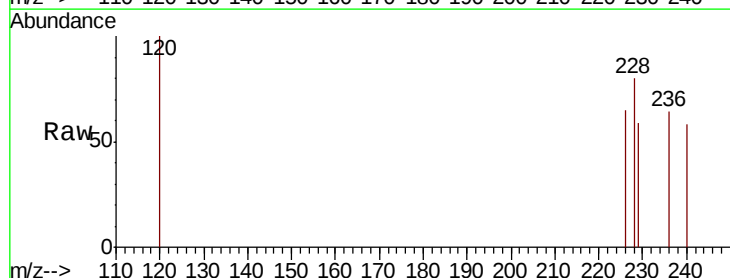
Tgt Ion:228 Resp: 34

Ion Ratio Lower Upper

228 100

226 81.4 24.9 37.3#

229 74.3 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

