

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120320\
 Data File : BN012860.D
 Acq On : 03 Dec 2020 23:08
 Operator : CG/JU
 Sample : L4865-20DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B06DL

Quant Time: Dec 04 00:18:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 04 00:14:34 2020
 Response via : Initial Calibration

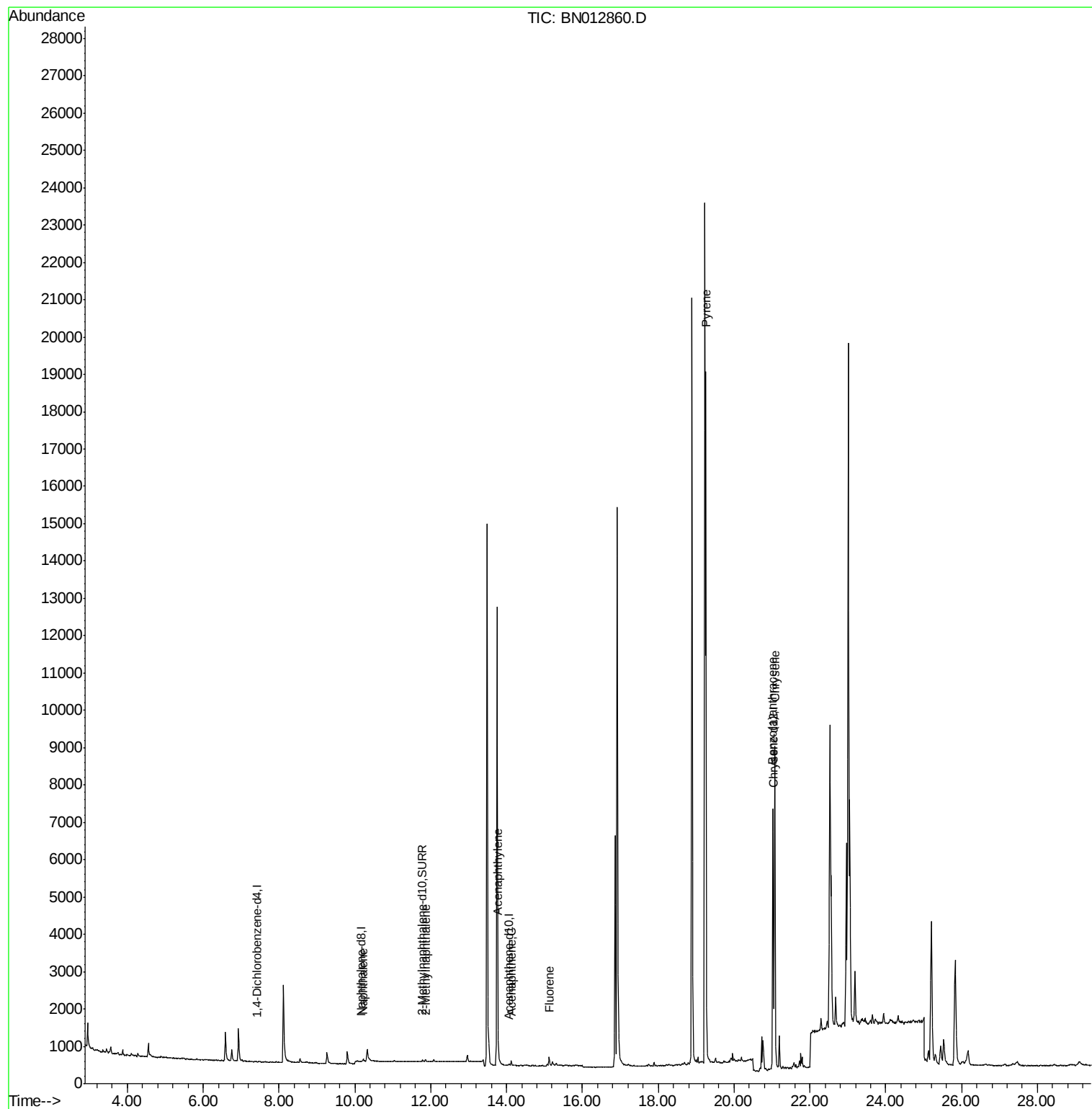
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	2	0.40	ng/ul	0.02
2) Naphthalene-d8	10.17	136	5	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	12	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.82
16) Chrysene-d12	21.04	240	20	0.40	ng/ul	0.00
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.78	152	89	11.99	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	221	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.22	128	103	7.119	ng/ul#	16
5) 2-Methylnaphthalene	11.86	142	47	4.945	ng/ul#	77
7) Acenaphthylene	13.78	152	205	3.609	ng/ul#	57
8) Acenaphthene	14.13	153	71	1.524	ng/ul#	82
9) Fluorene	15.13	166	161	3.012	ng/ul#	90
17) Pyrene	19.25	202	15535	164.447	ng/ul	99
18) Benzo(a)anthracene	21.02	228	6110	73.840	ng/ul	98
19) Chrysene	21.07	228	8882	97.150	ng/ul	100

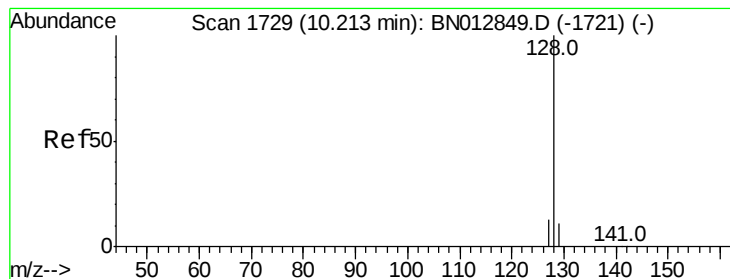
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 7.119 ng/ul

RT: 10.22 min Scan# 1730

Delta R.T. -0.00 min

Lab File: BN012860.D

Acq: 03 Dec 2020 23:08

Instrument :

BNA_N

ClientSampleId :

C0B06DL

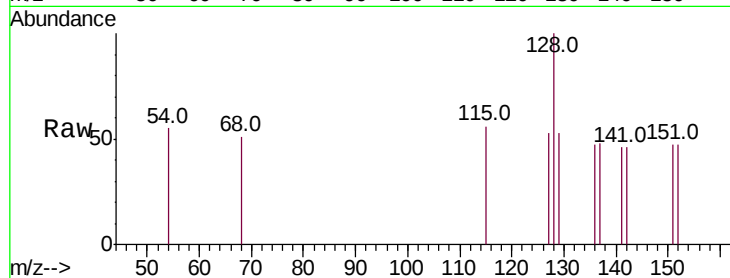
Tot Ion:128 Resp: 103

Ion Ratio Lower Upper

128 100

129 52.9 12.3 18.5#

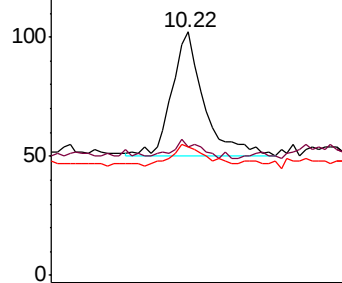
127 52.9 14.2 21.4#



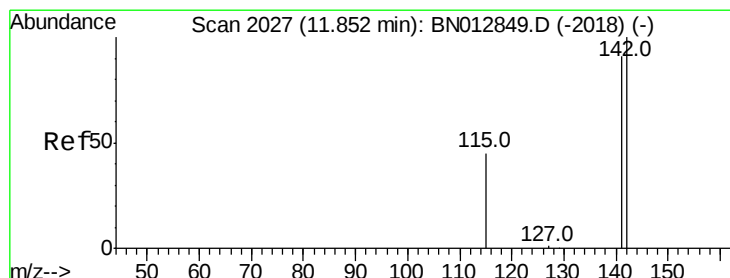
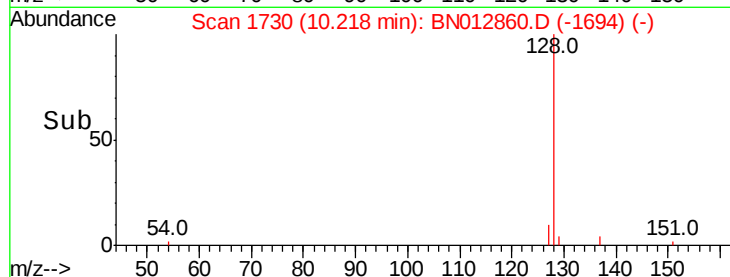
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time--> 10.10 10.20 10.30



#5

2-Methylnaphthalene

Concen: 4.945 ng/ul

RT: 11.86 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BN012860.D

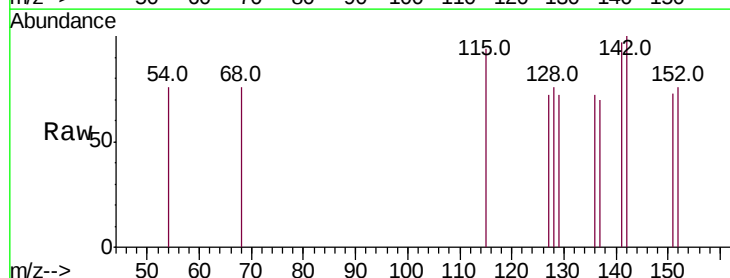
Acq: 03 Dec 2020 23:08

Tgt Ion:142 Resp: 47

Ion Ratio Lower Upper

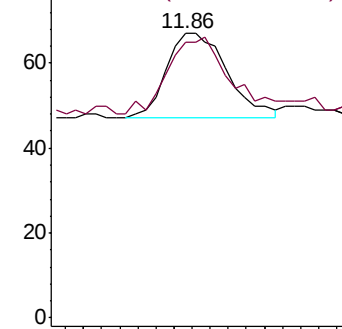
142 100

141 112.8 73.0 109.6#

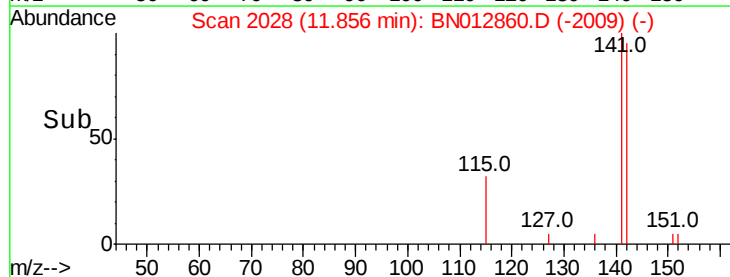


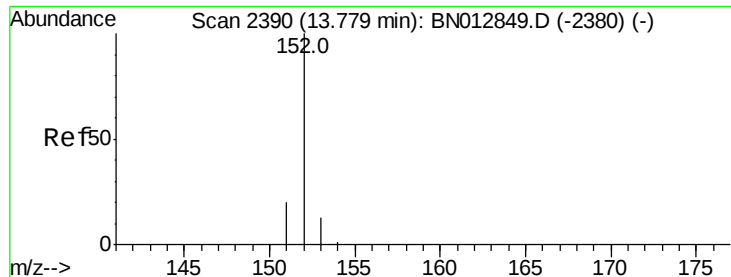
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 11.80 11.85 11.90





#7

Acenaphthylene

Concen: 3.609 ng/ul

RT: 13.78 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BN012860.D

Acq: 03 Dec 2020 23:08

Instrument :

BNA_N

ClientSampleId :

C0B06DL

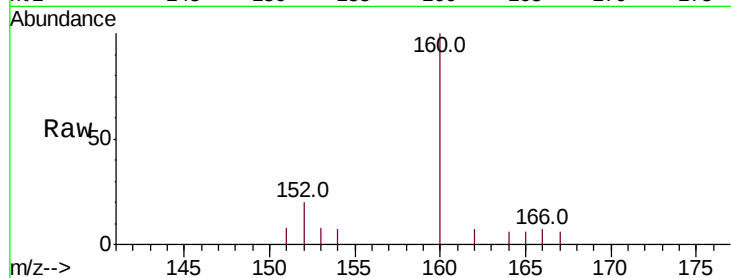
Tot Ion:152 Resp: 205

Ion Ratio Lower Upper

152 100

151 41.2 18.2 27.4#

153 37.6 13.1 19.7#



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

13.78

150

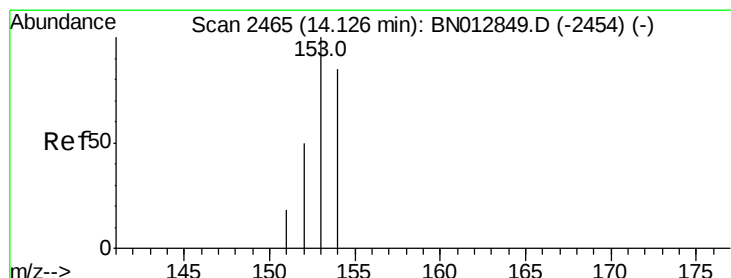
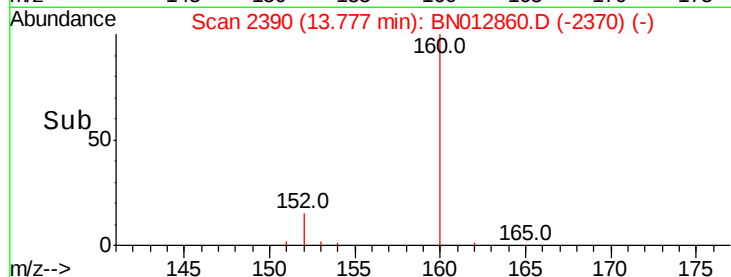
100

50

0

Time-->

13.70 13.75 13.80 13.85



#8

Acenaphthene

Concen: 1.524 ng/ul

RT: 14.13 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BN012860.D

Acq: 03 Dec 2020 23:08

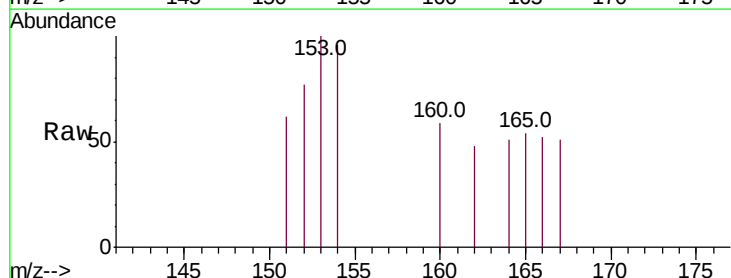
Tgt Ion:153 Resp: 71

Ion Ratio Lower Upper

153 100

152 76.6 40.7 61.1#

154 95.7 70.8 106.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.13

120

100

80

60

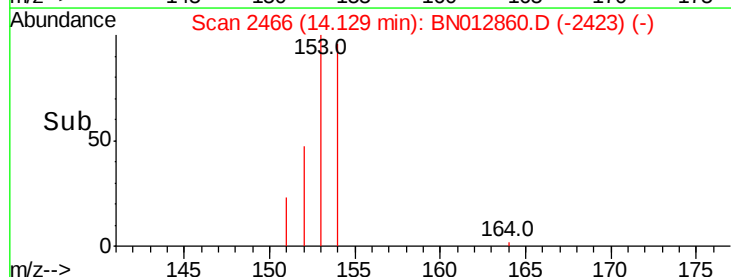
40

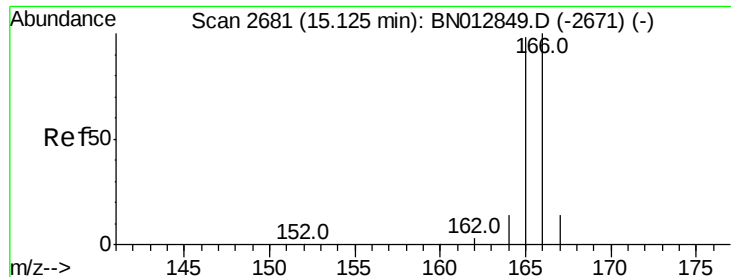
20

0

Time-->

14.10 14.15 14.20





#9

Fluorene

Concen: 3.012 ng/ul

RT: 15.13 min Scan# 2682

Delta R.T. -0.00 min

Lab File: BN012860.D

Acq: 03 Dec 2020 23:08

Instrument :

BNA_N

ClientSampleId :

C0B06DL

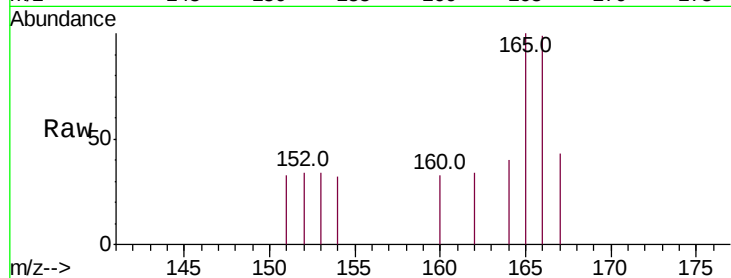
Tot Ion:166 Resp: 161

Ion Ratio Lower Upper

166 100

165 101.4 79.8 119.8

167 43.8 13.8 20.8#

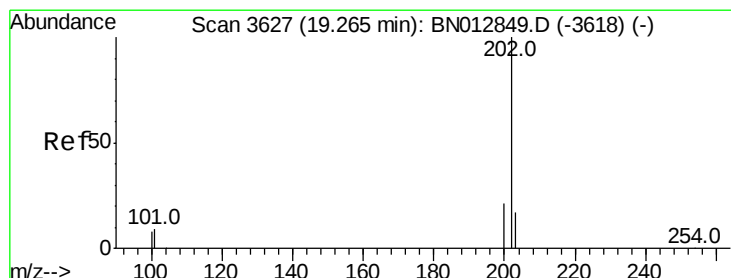
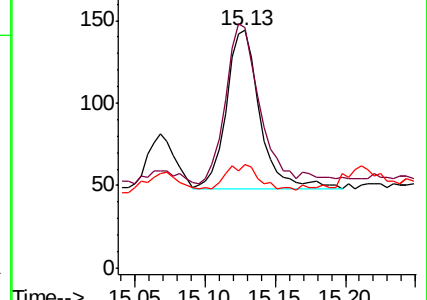
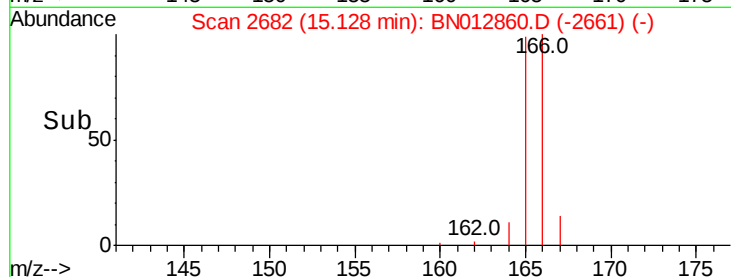


Abundance Ion 166.00 (165.70 to 166.70): E

200 Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.13



#17

Pyrene

Concen: 164.447 ng/ul

RT: 19.25 min Scan# 3625

Delta R.T. -0.01 min

Lab File: BN012860.D

Acq: 03 Dec 2020 23:08

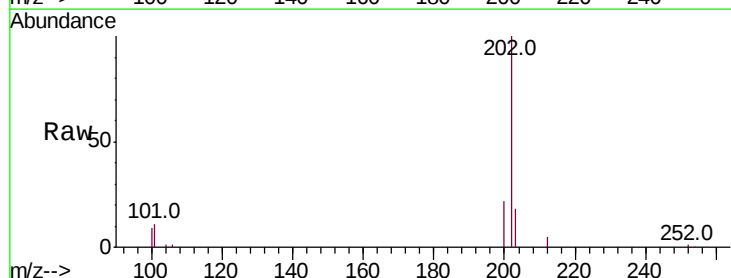
Tgt Ion:202 Resp: 15535

Ion Ratio Lower Upper

202 100

101 10.9 9.1 13.7

100 9.5 7.5 11.3

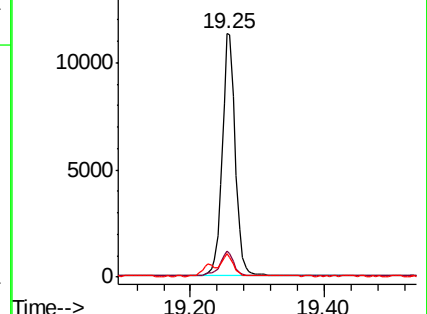
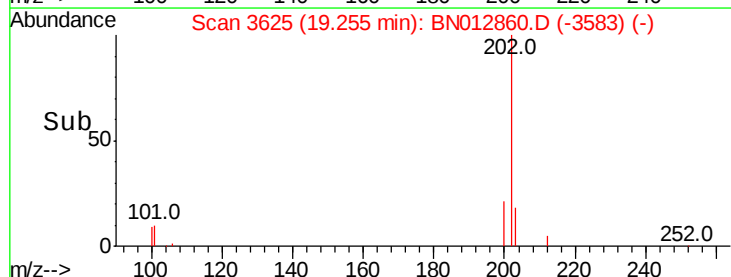


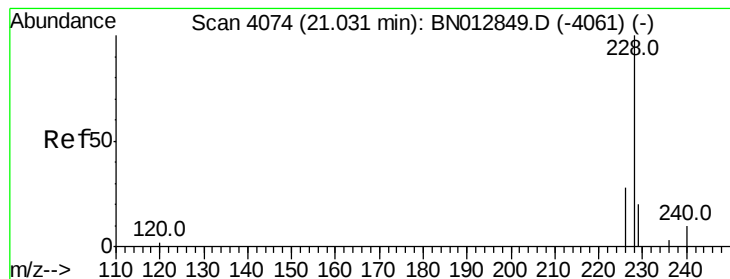
Abundance Ion 202.00 (201.70 to 202.70): E

15000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.25





#18

Benzo(a)anthracene

Concen: 73.840 ng/ul

RT: 21.02 min Scan# 4072

Delta R.T. -0.00 min

Lab File: BN012860.D

Acq: 03 Dec 2020 23:08

Instrument :

BNA_N

ClientSampleId :

C0B06DL

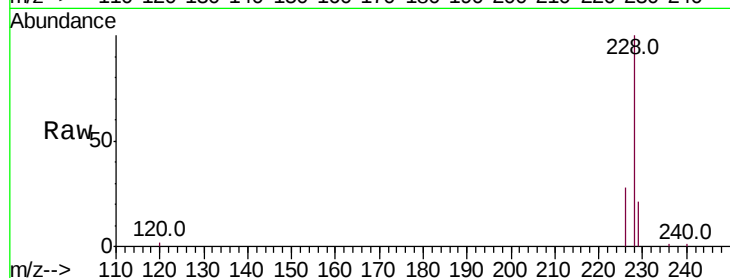
Tot Ion:228 Resp: 6110

Ion Ratio Lower Upper

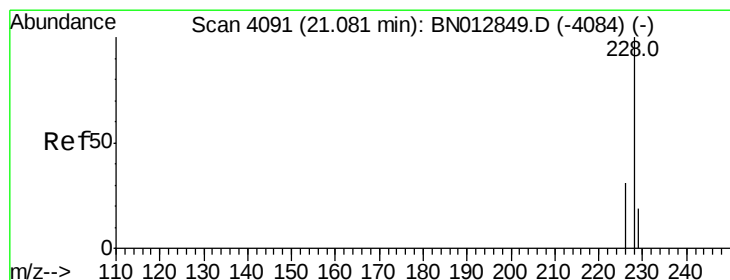
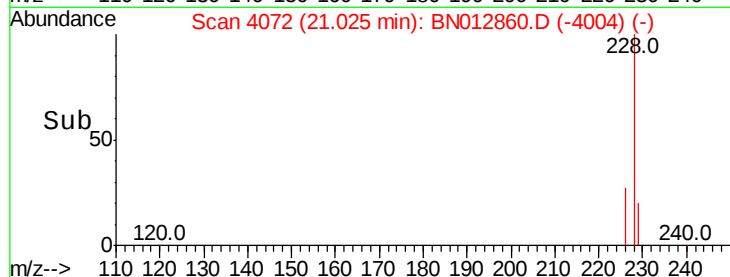
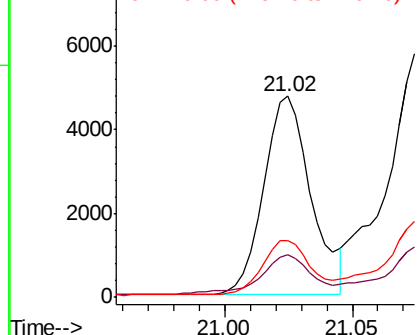
228 100

229 21.2 16.3 24.5

226 28.1 23.4 35.2



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



#19

Chrysene

Concen: 97.150 ng/ul

RT: 21.07 min Scan# 4089

Delta R.T. -0.00 min

Lab File: BN012860.D

Acq: 03 Dec 2020 23:08

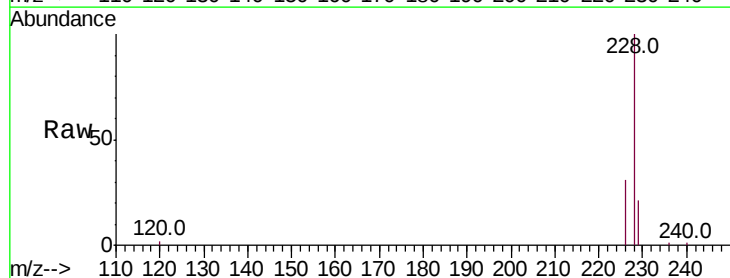
Tgt Ion:228 Resp: 8882

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

229 20.9 16.4 24.6



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

