

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

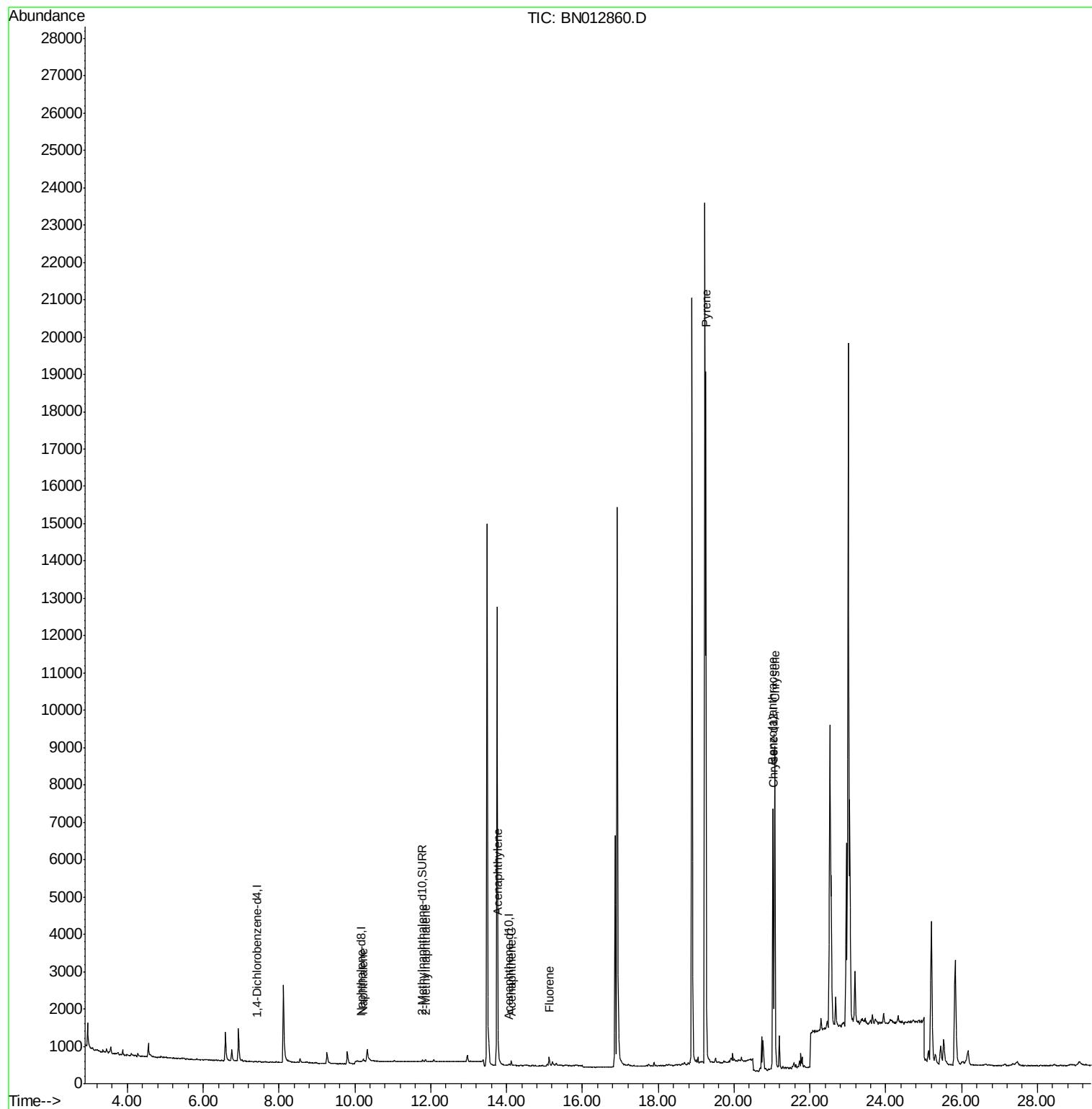
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	2	0.40	ng/ul	0.02
2) Naphthalene-d8	10.17	136	5	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	12	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.82
16) Chrysene-d12	21.04	240	20	0.40	ng/ul	0.00
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

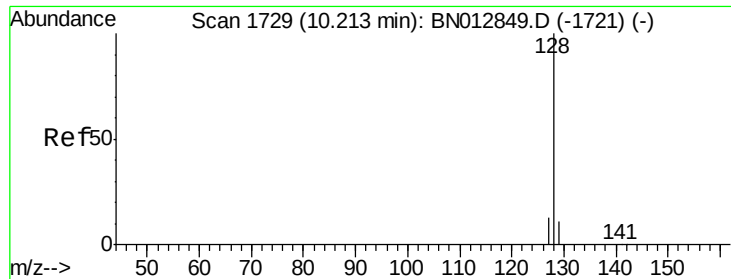
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

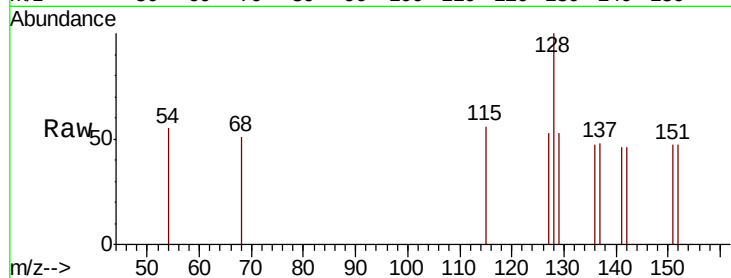
Tot Ion:128 Resp: 103

Ion Ratio Lower Upper

128 100

129 52.9 12.3 18.5#

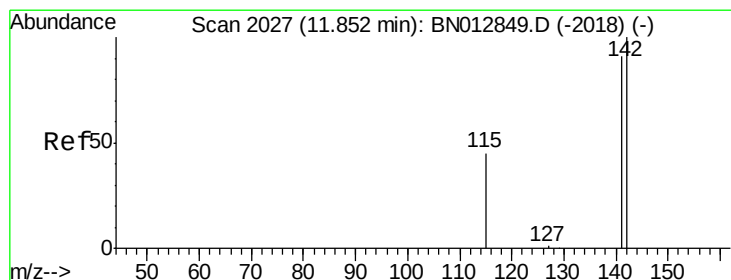
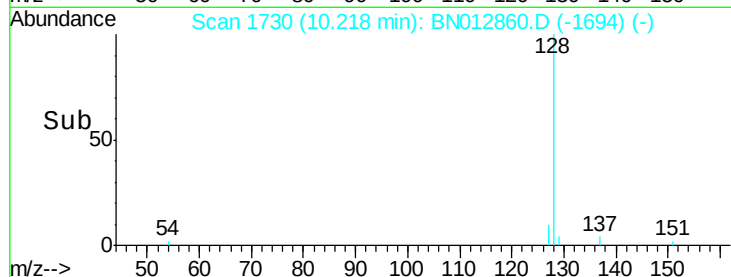
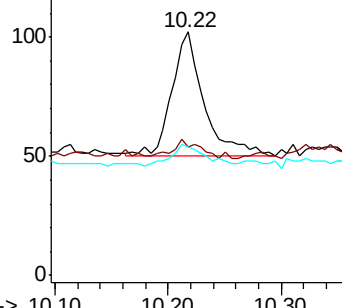
127 52.9 14.2 21.4#



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



#5

2-Methylnaphthalene

Concen: 4.945 ng/ul

RT: 11.86 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BN012860.D

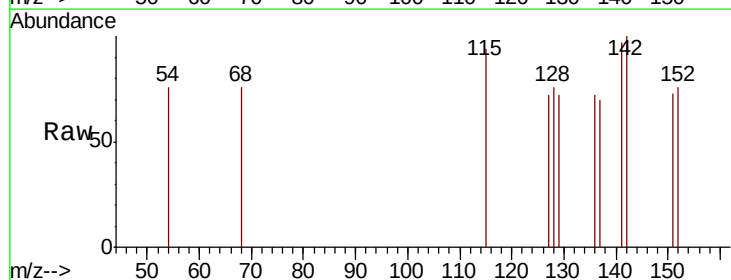
Acq: 03 Dec 2020 23:08

Tgt Ion:142 Resp: 47

Ion Ratio Lower Upper

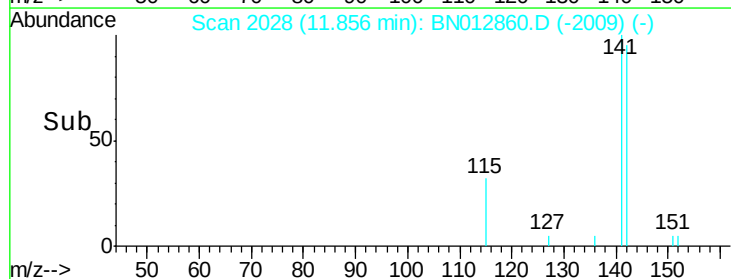
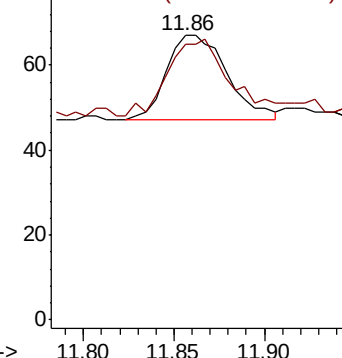
142 100

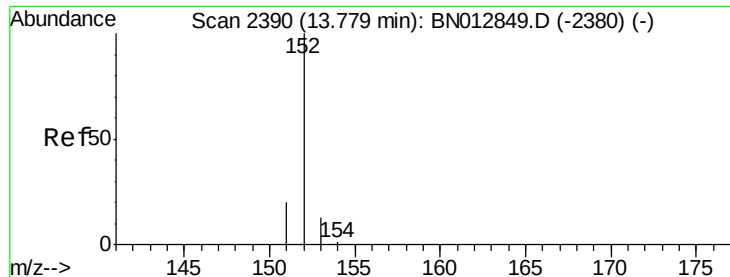
141 112.8 73.0 109.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#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

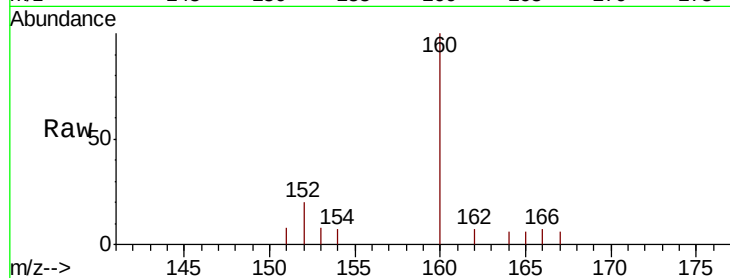
Tot Ion:152 Resp: 205

Ion Ratio Lower Upper

152 100

151 41.2 18.2 27.4#

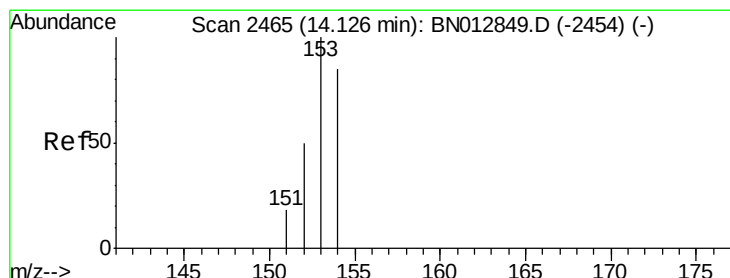
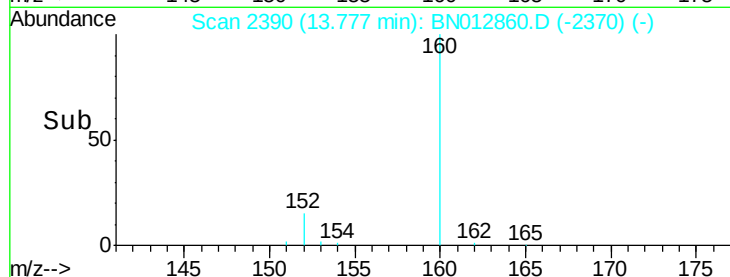
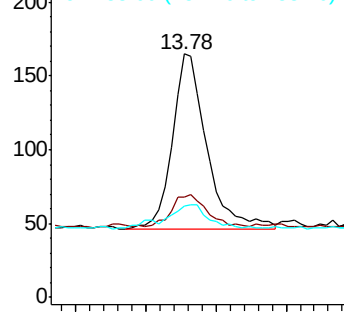
153 37.6 13.1 19.7#



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



#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

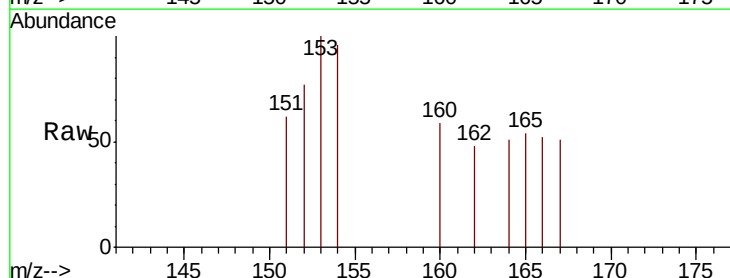
Tgt Ion:153 Resp: 71

Ion Ratio Lower Upper

153 100

152 76.6 40.7 61.1#

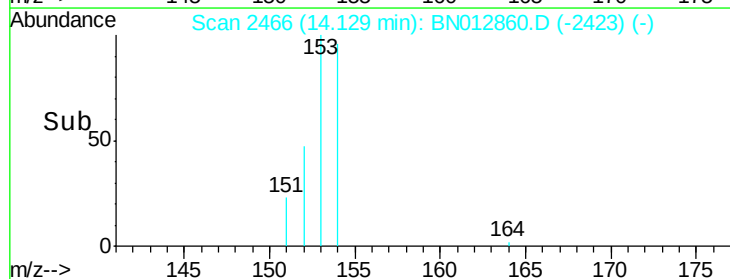
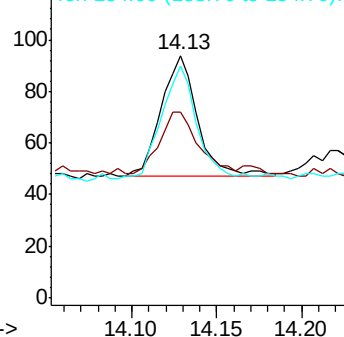
154 95.7 70.8 106.2

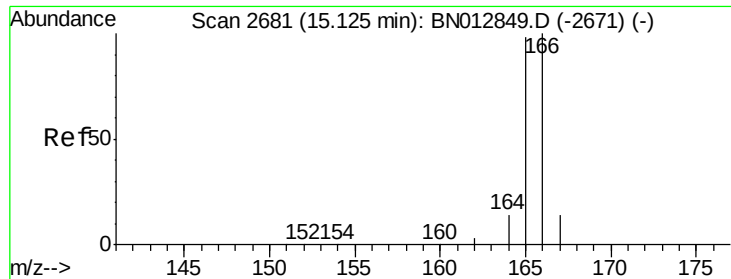


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

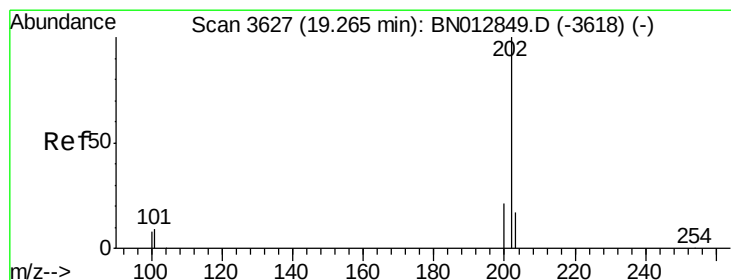
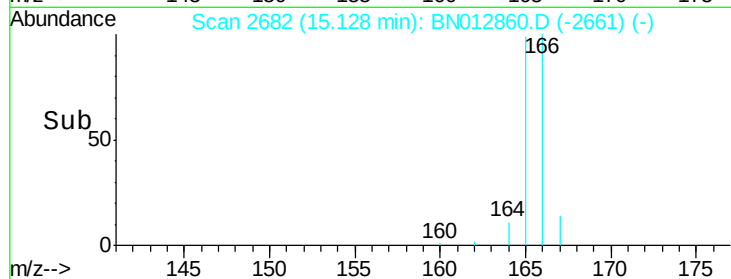
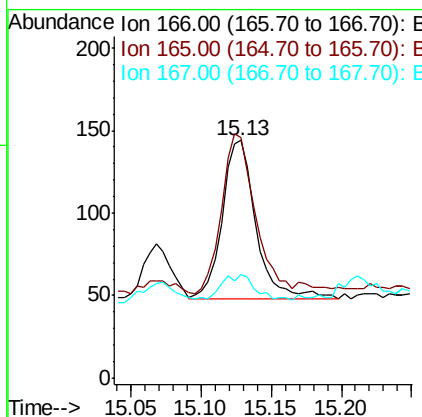
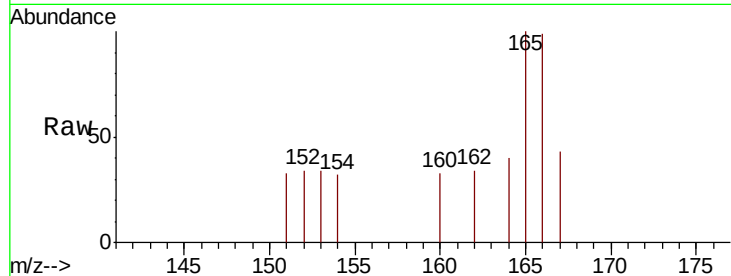




#9
Fluorene
 Concen: 3.012 ng/ul
 RT: 15.13 min Scan# 2682
 Delta R.T. -0.00 min
 Lab File: BN012860.D
 Acq: 03 Dec 2020 23:08

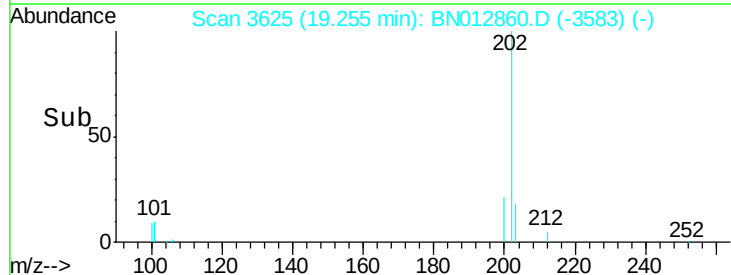
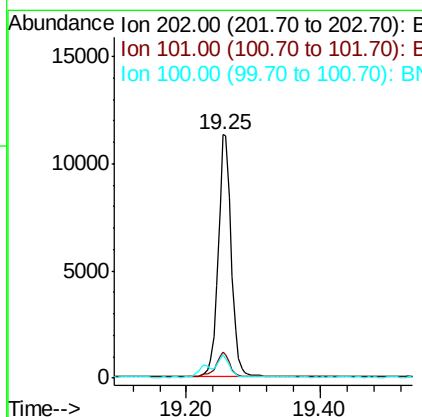
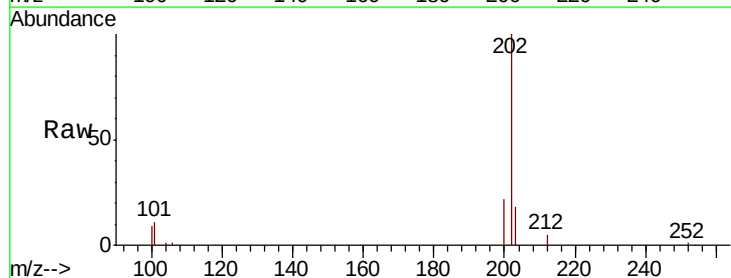
Instrument :
 BNA_N
 ClientSampleId :
 C0B06DL

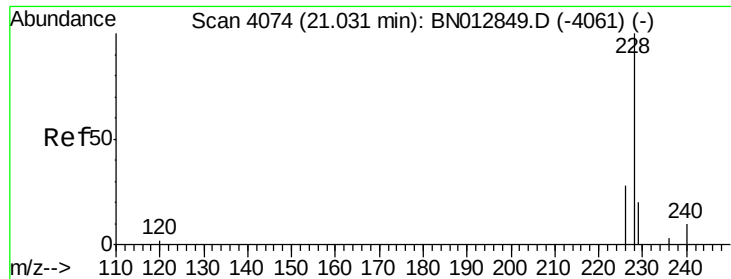
Tot Ion:166 Resp: 161
 Ion Ratio Lower Upper
 166 100
 165 101.4 79.8 119.8
 167 43.8 13.8 20.8#



#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





#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

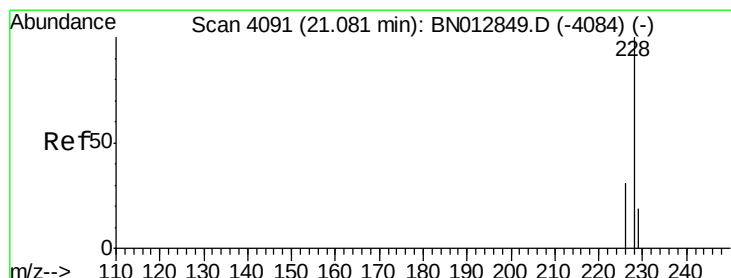
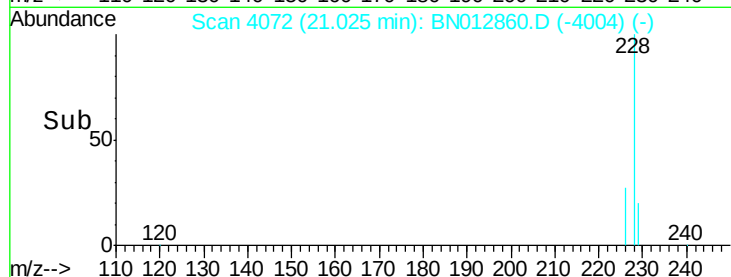
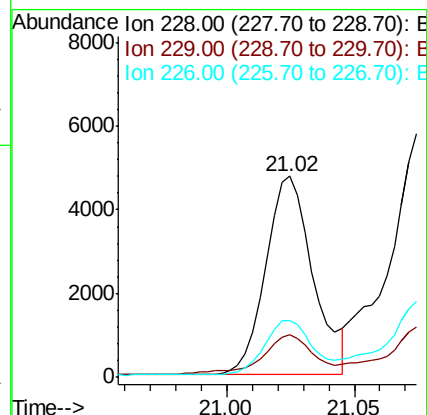
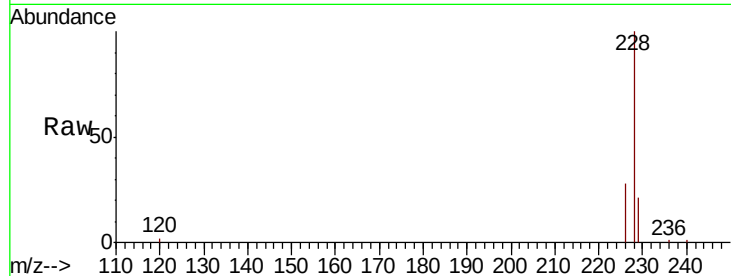
Tot Ion:228 Resp: 6110

Ion Ratio Lower Upper

228 100

229 21.2 16.3 24.5

226 28.1 23.4 35.2



#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

