

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008106.D
 Acq On : 12 Oct 2019 10:34
 Operator : JU
 Sample : K5124-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 21:40:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

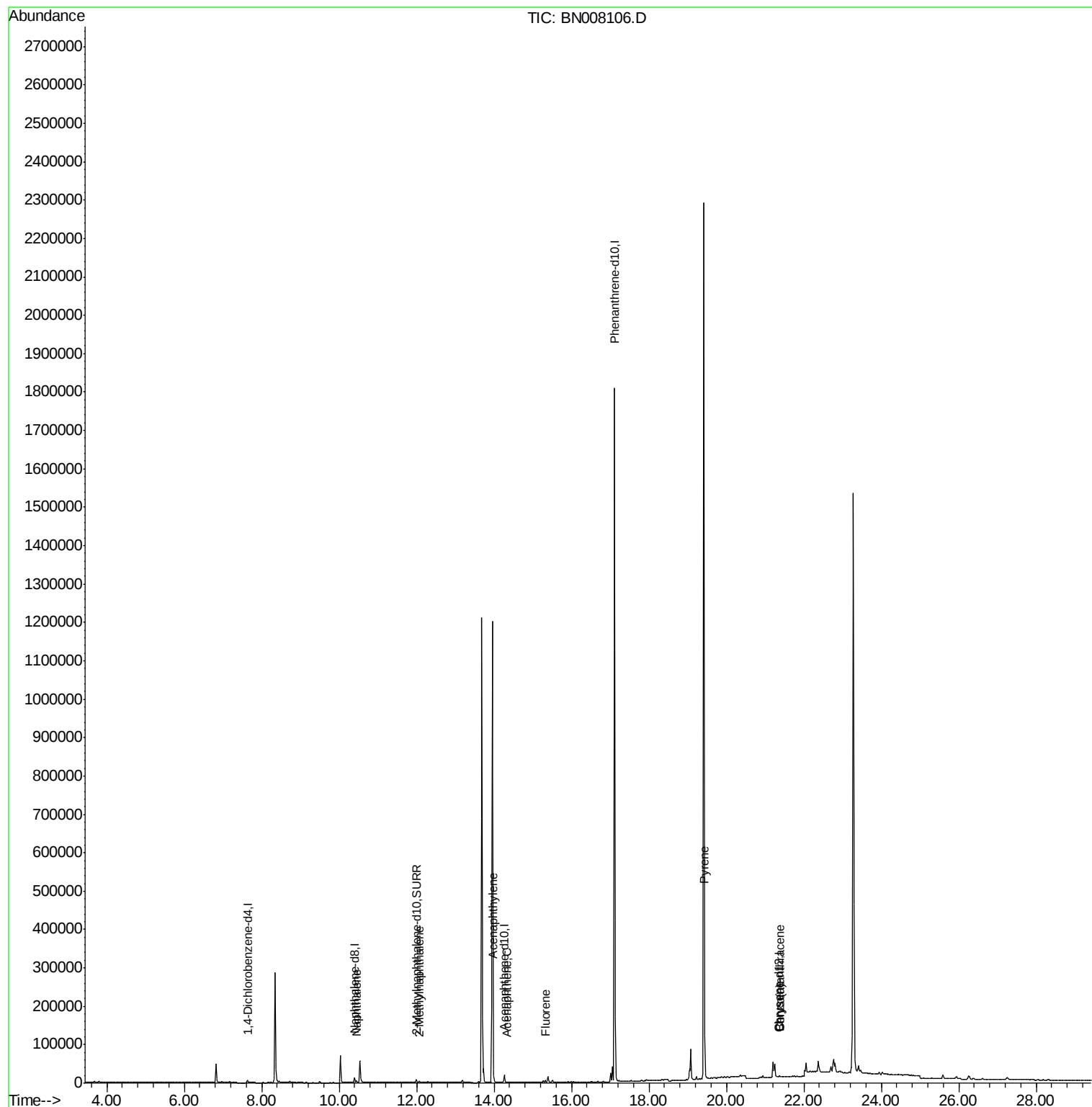
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3531	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	16477	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	11069	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	2102122	0.40	ng/ul	0.09
16) Chrysene-d12	21.35	240	257	0.40	ng/ul	0.13
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.41
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	10314	0.37	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
3) Naphthalene	10.44	128	6218	0.133	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	3066	0.095	ng/ul	100
7) Acenaphthylene	13.98	152	8570	0.163	ng/ul#	94
8) Acenaphthene	14.32	153	1049	0.026	ng/ul#	91
9) Fluorene	15.32	166	2634	0.057	ng/ul#	80
17) Pyrene	19.44	202	69351	67.772	ng/ul	99
18) Benzo(a)anthracene	21.37	228	2963	3.171	ng/ul#	1
19) Chrysene	21.37	228	3030	2.642	ng/ul#	1

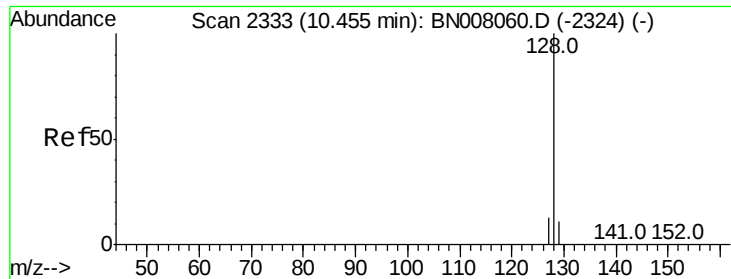
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.133 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008106.D

Acq: 12 Oct 2019 10:34

Instrument :

BNA_N

ClientSampleId :

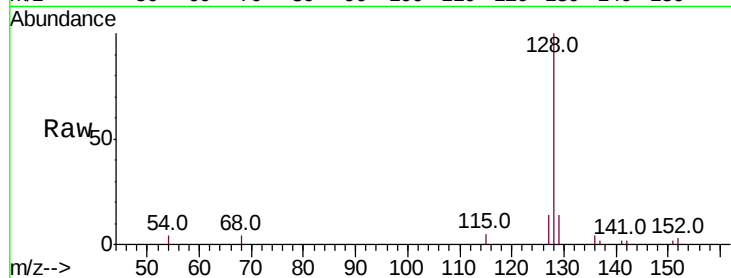
Tot Ion:128 Resp: 6218

Ion Ratio Lower Upper

128 100

129 13.6 9.8 14.8

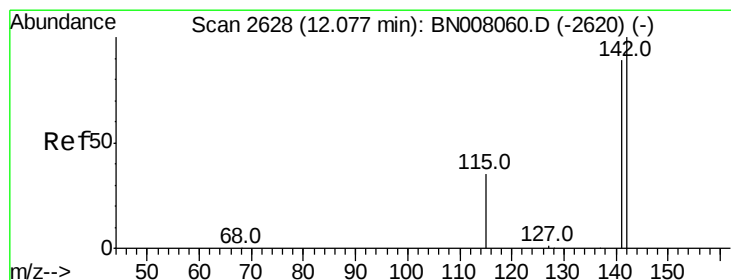
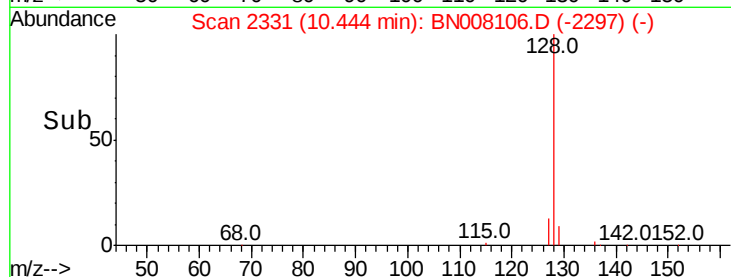
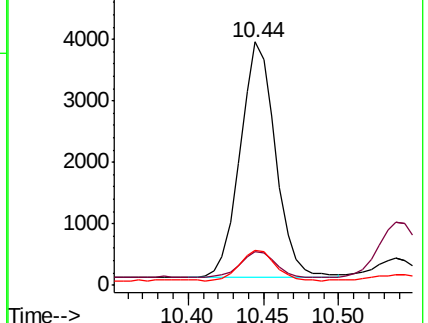
127 14.5 11.1 16.7



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: 0.095 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN008106.D

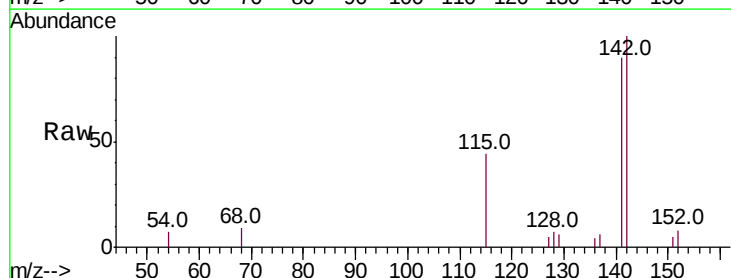
Acq: 12 Oct 2019 10:34

Tgt Ion:142 Resp: 3066

Ion Ratio Lower Upper

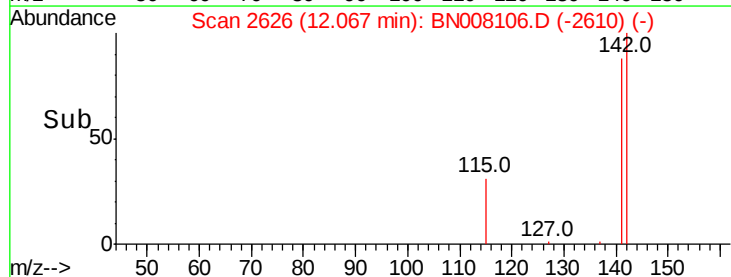
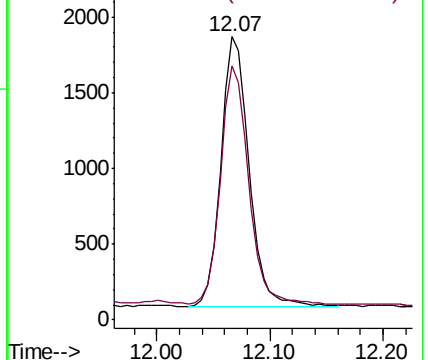
142 100

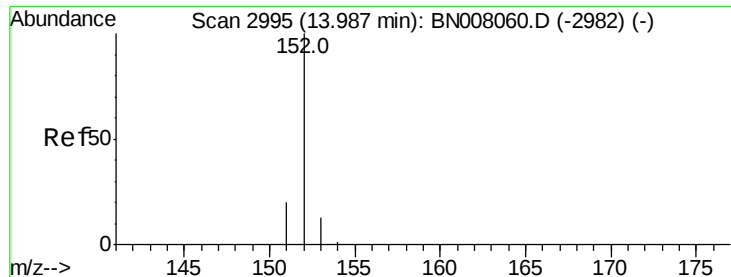
141 88.8 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.163 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN008106.D

Acq: 12 Oct 2019 10:34

Instrument :

BNA_N

ClientSampleId :

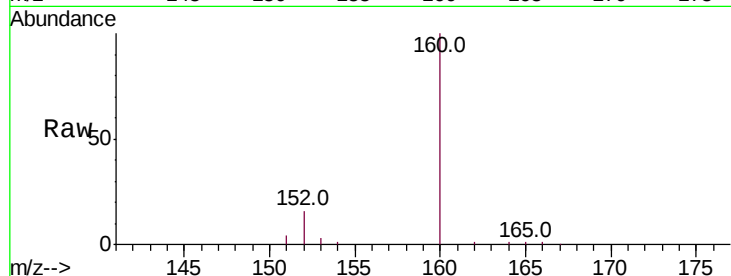
Tot Ion:152 Resp: 8570

Ion Ratio Lower Upper

152 100

151 22.8 16.2 24.4

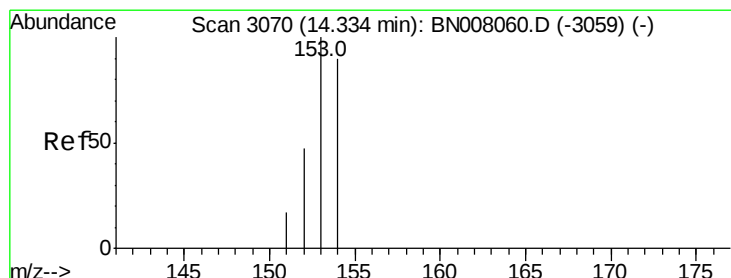
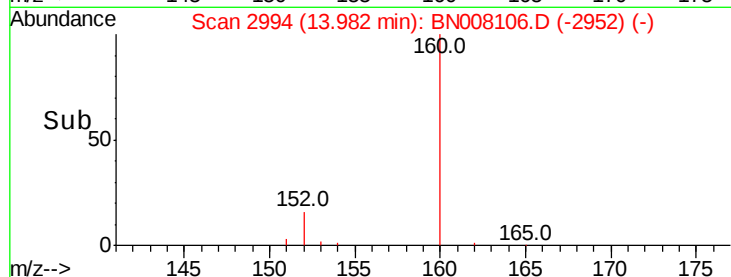
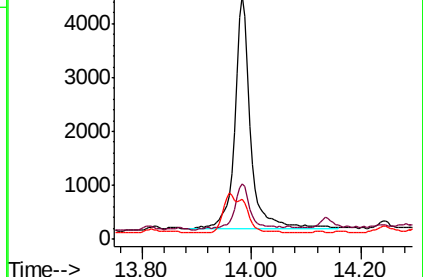
153 16.5 11.0 16.4#



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: 0.026 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN008106.D

Acq: 12 Oct 2019 10:34

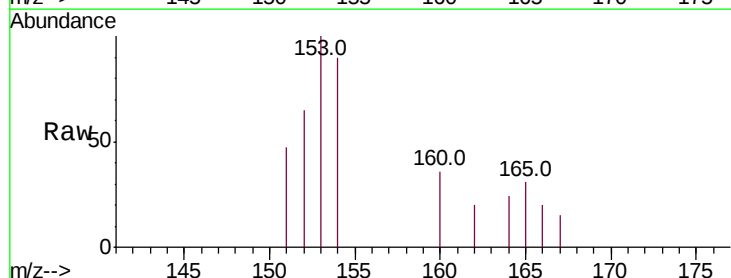
Tgt Ion:153 Resp: 1049

Ion Ratio Lower Upper

153 100

152 65.4 38.2 57.2#

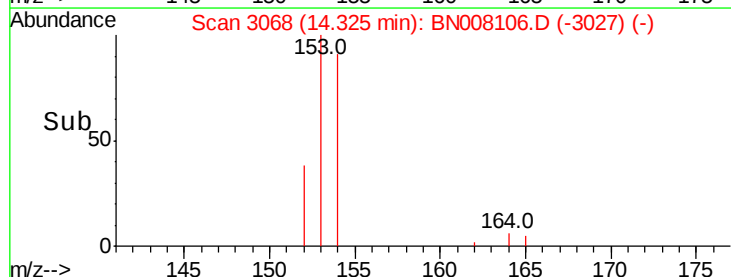
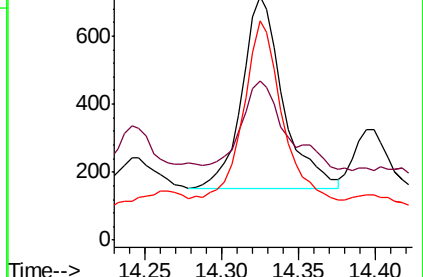
154 89.8 71.8 107.8

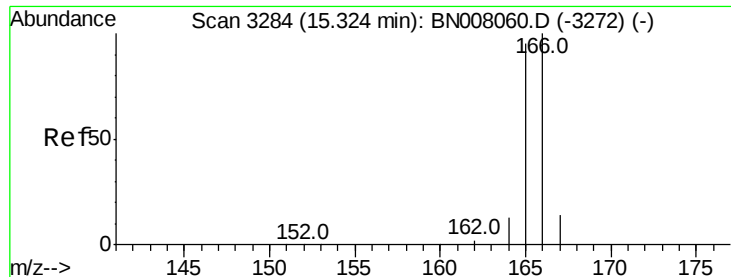


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.057 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.00 min

Lab File: BN008106.D

Acq: 12 Oct 2019 10:34

Instrument :

BNA_N

ClientSampleId :

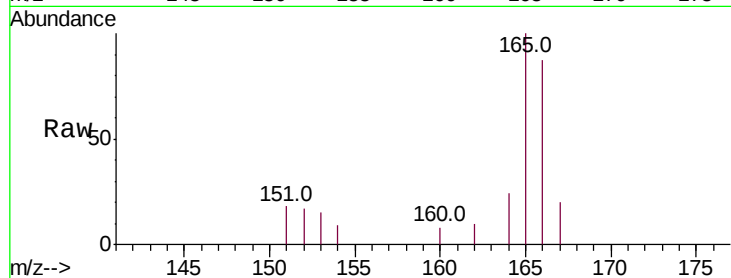
Tot Ion:166 Resp: 2634

Ion Ratio Lower Upper

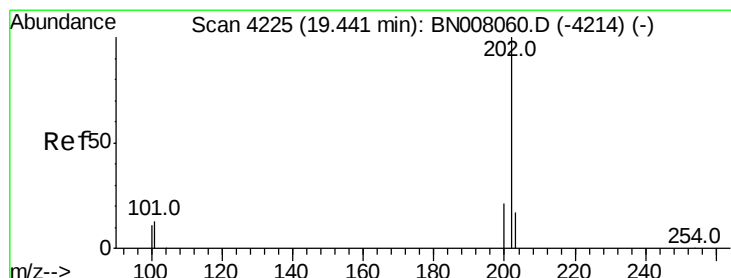
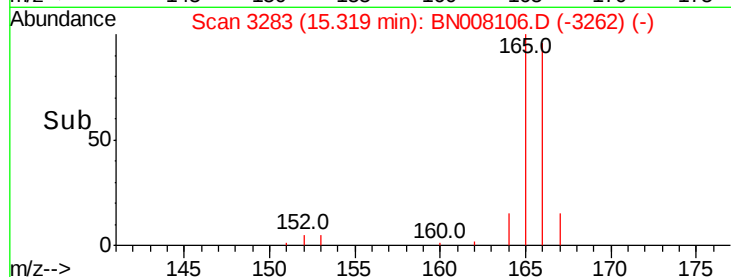
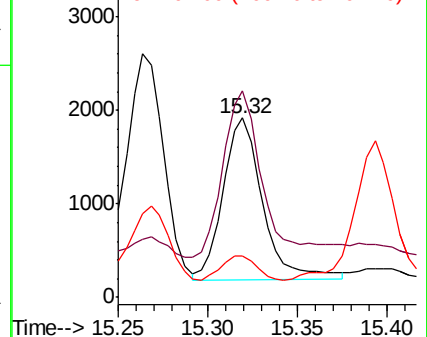
166 100

165 114.9 76.6 115.0

167 23.1 11.7 17.5#



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



#17

Pyrene

Concen: 67.772 ng/ul

RT: 19.44 min Scan# 4225

Delta R.T. 0.00 min

Lab File: BN008106.D

Acq: 12 Oct 2019 10:34

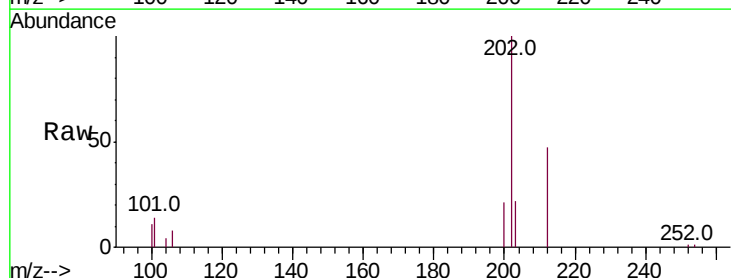
Tgt Ion:202 Resp: 69351

Ion Ratio Lower Upper

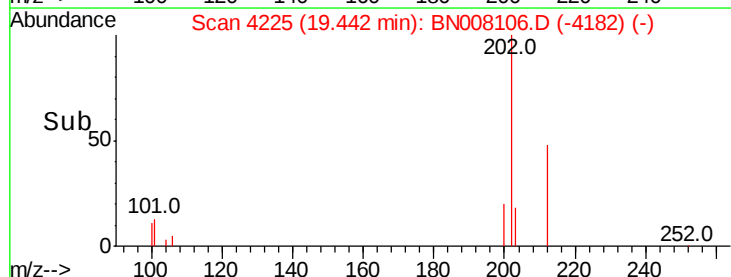
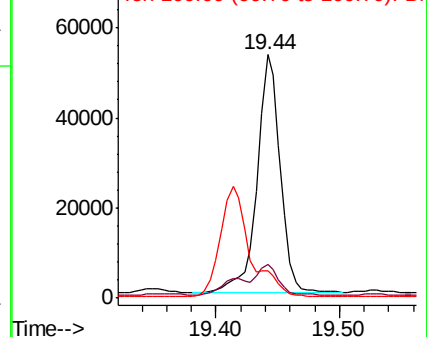
202 100

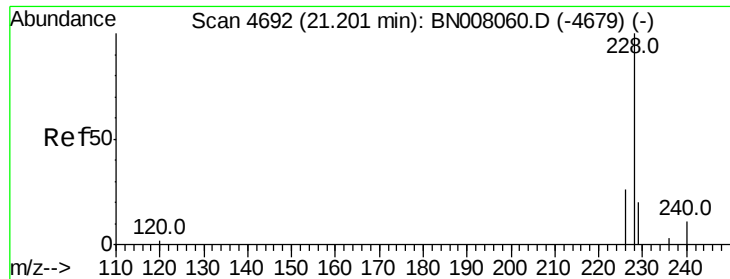
101 13.7 10.9 16.3

100 11.2 8.7 13.1



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





#18

Benzo(a)anthracene

Concen: 3.171 ng/ul

RT: 21.37 min Scan# 4749

Delta R.T. 0.17 min

Lab File: BN008106.D

Acq: 12 Oct 2019 10:34

Instrument :

BNA_N

ClientSampleId :

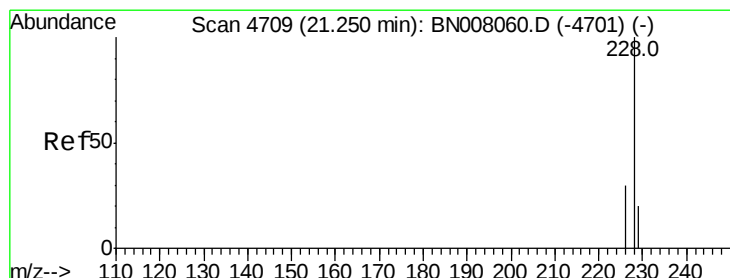
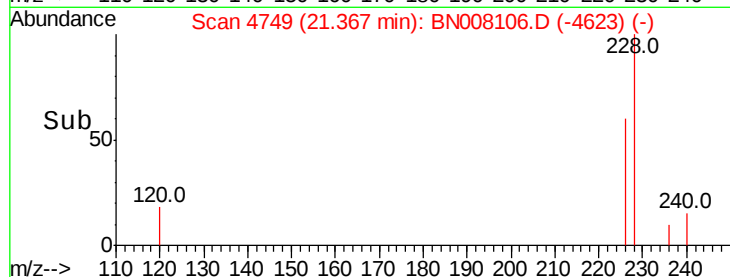
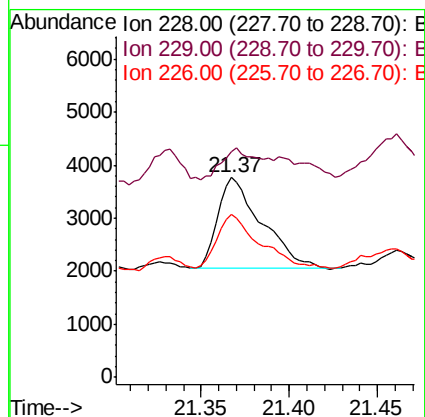
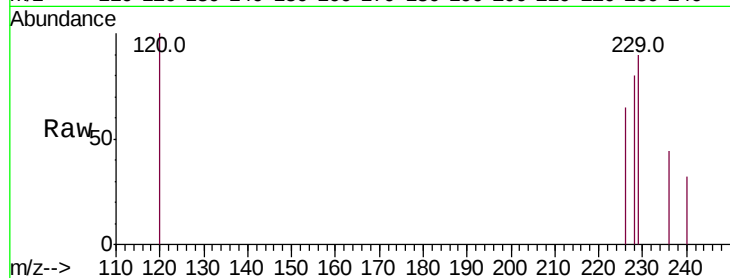
Tot Ion:228 Resp: 2963

Ion Ratio Lower Upper

228 100

229 112.8 16.2 24.2#

226 81.6 21.4 32.0#



#19

Chrysene

Concen: 2.642 ng/ul

RT: 21.37 min Scan# 4749

Delta R.T. 0.12 min

Lab File: BN008106.D

Acq: 12 Oct 2019 10:34

Tgt Ion:228 Resp: 3030

Ion Ratio Lower Upper

228 100

226 81.6 24.1 36.1#

229 112.8 16.2 24.2#

