

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008119.D
 Acq On : 12 Oct 2019 18:56
 Operator : JU
 Sample : K5178-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 21:41:18 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

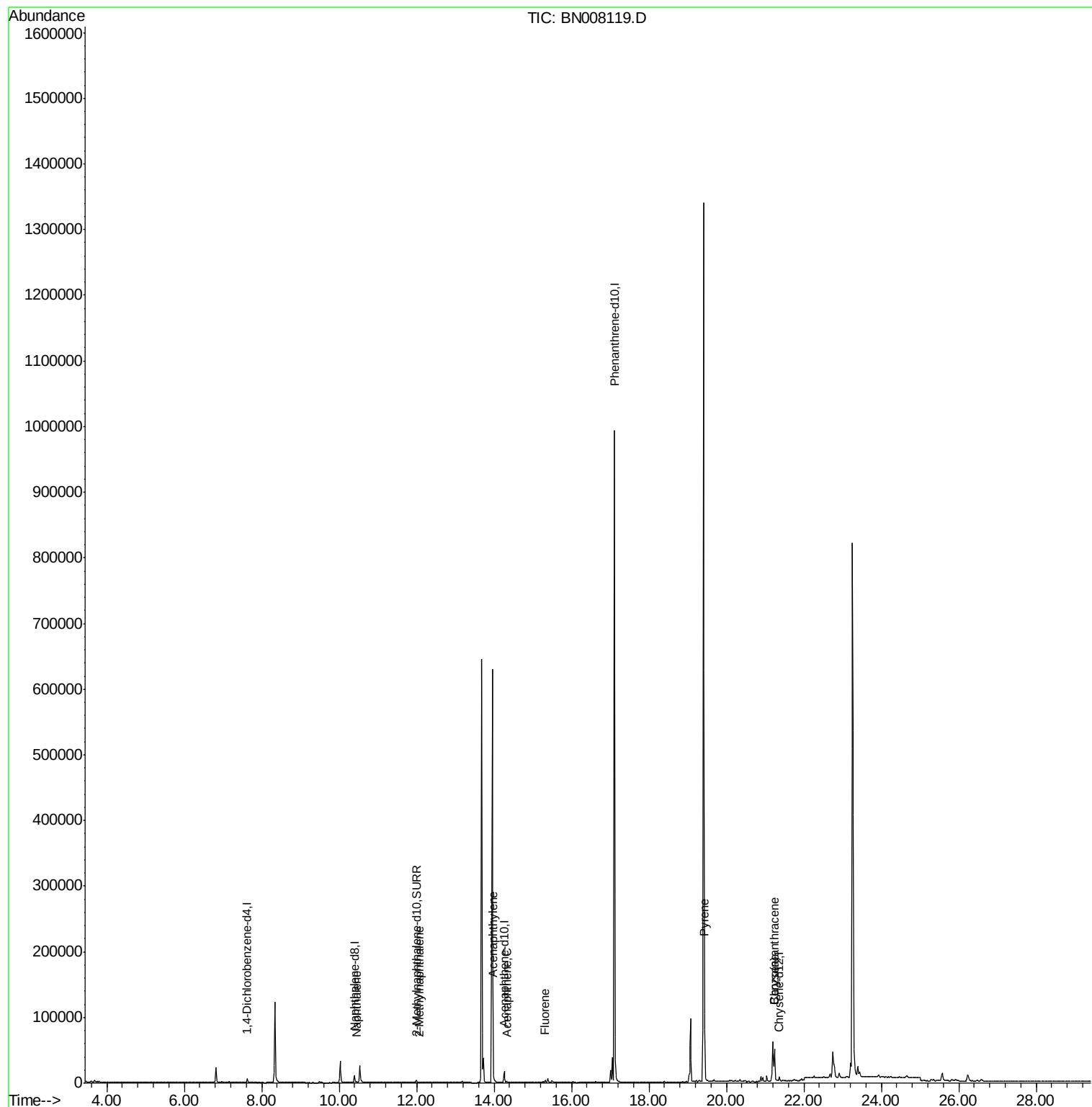
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3116	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	14798	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	9426	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	1124456	0.40	ng/ul	0.09
16) Chrysene-d12	21.35	240	98	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	11.99	152	5137	0.21	ng/ul	-0.01
14) Fluoranthene-d10	19.14	212	309	0.00	ng/ul	0.09
Target Compounds						
3) Naphthalene	10.44	128	1366	0.032	ng/ul#	83
5) 2-Methylnaphthalene	12.07	142	800	0.028	ng/ul	99
7) Acenaphthylene	13.98	152	3560	0.079	ng/ul#	93
8) Acenaphthene	14.32	153	1329	0.038	ng/ul	95
9) Fluorene	15.31	166	2579	0.065	ng/ul#	96
17) Pyrene	19.44	202	77680	199.075	ng/ul	99
18) Benzo(a)anthracene	21.24	228	52925	148.542	ng/ul	93
19) Chrysene	21.24	228	51795	118.457	ng/ul	97

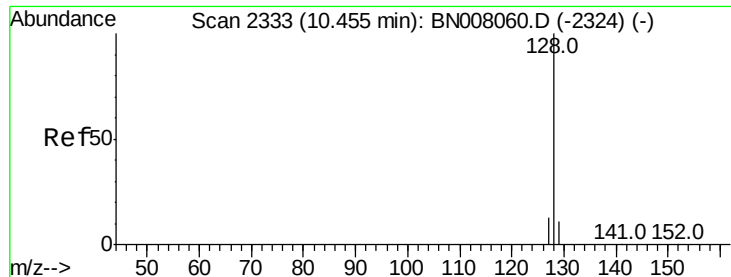
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.032 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008119.D

Acq: 12 Oct 2019 18:56

Instrument :

BNA_N

ClientSampleId :

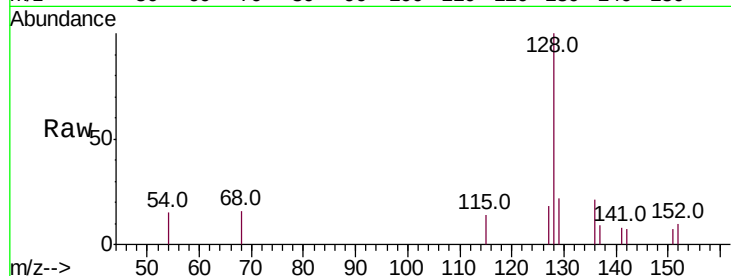
Tot Ion:128 Resp: 1366

Ion Ratio Lower Upper

128 100

129 21.7 9.8 14.8#

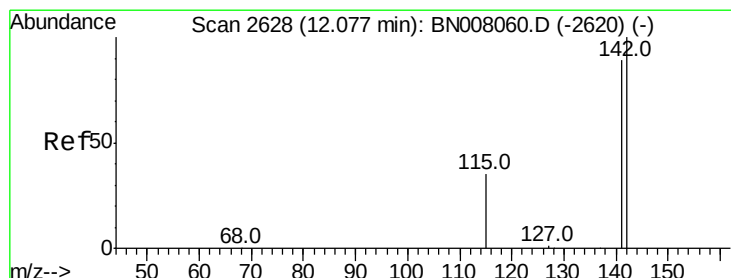
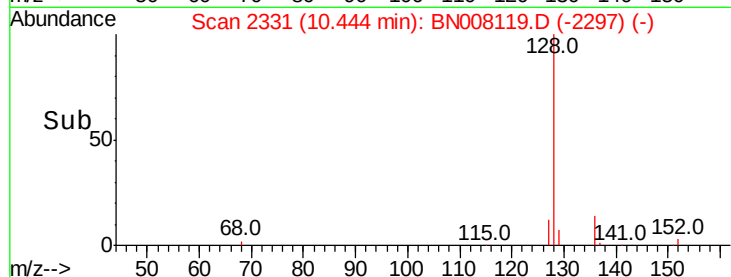
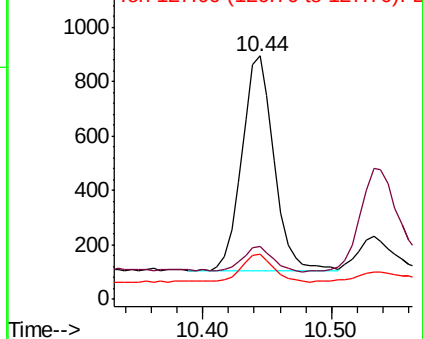
127 18.4 11.1 16.7#



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: 0.028 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN008119.D

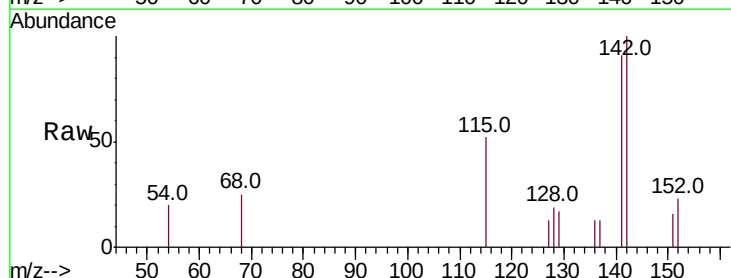
Acq: 12 Oct 2019 18:56

Tgt Ion:142 Resp: 800

Ion Ratio Lower Upper

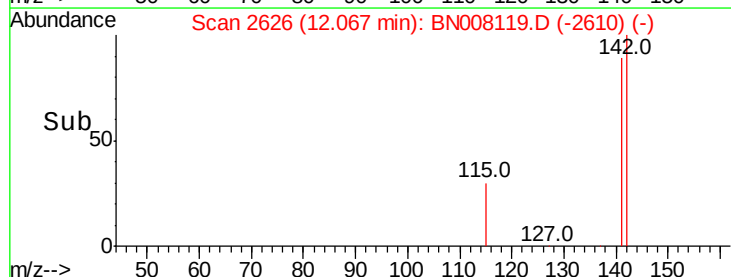
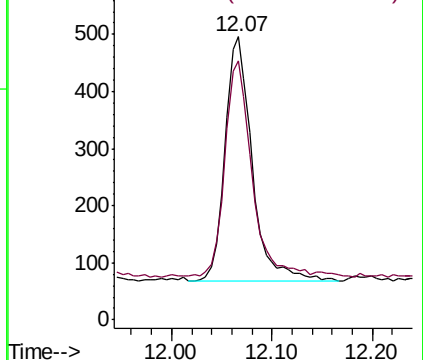
142 100

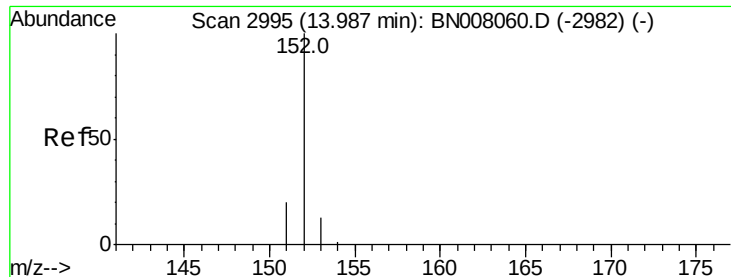
141 90.0 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.079 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008119.D

Acq: 12 Oct 2019 18:56

Instrument :

BNA_N

ClientSampled :

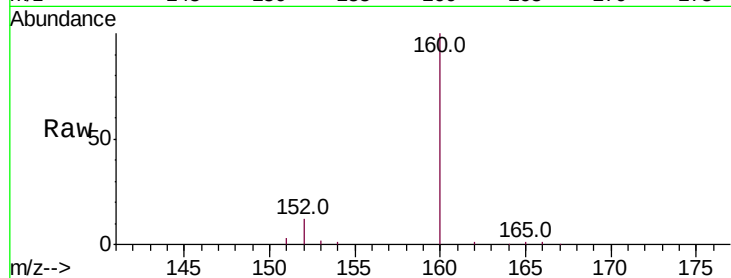
Tot Ion:152 Resp: 3560

Ion Ratio Lower Upper

152 100

151 23.1 16.2 24.4

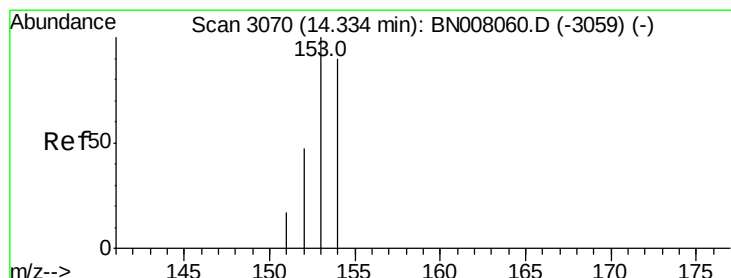
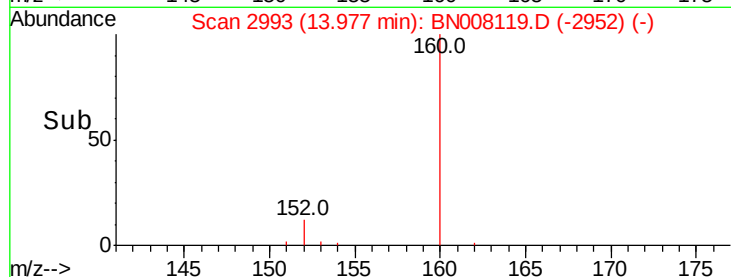
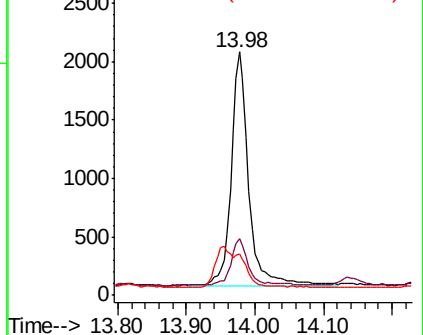
153 16.8 11.0 16.4#



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: 0.038 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN008119.D

Acq: 12 Oct 2019 18:56

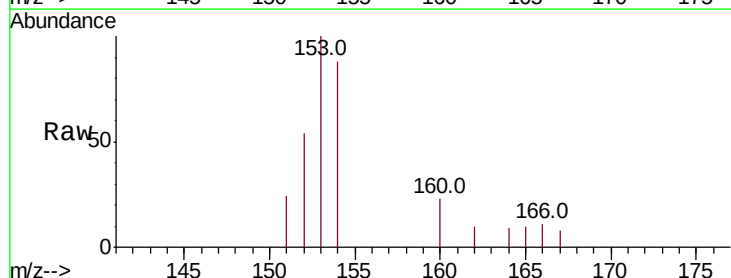
Tgt Ion:153 Resp: 1329

Ion Ratio Lower Upper

153 100

152 54.5 38.2 57.2

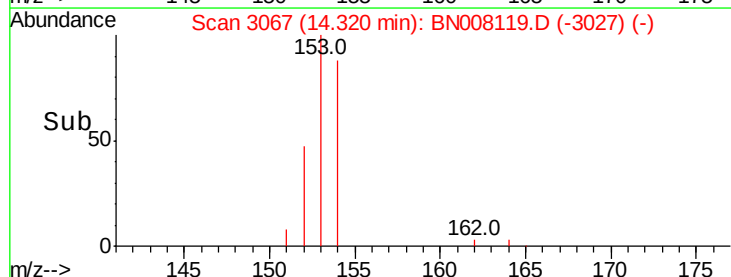
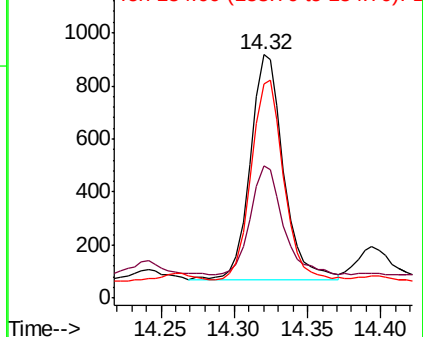
154 88.0 71.8 107.8

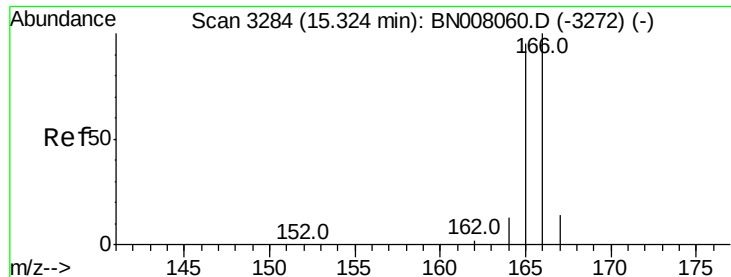


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.065 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN008119.D

Acq: 12 Oct 2019 18:56

Instrument :

BNA_N

ClientSampleId :

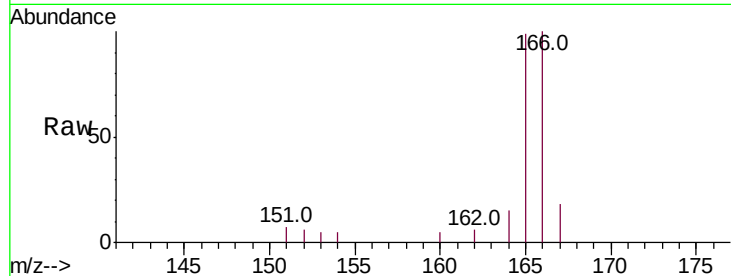
Tot Ion:166 Resp: 2579

Ion Ratio Lower Upper

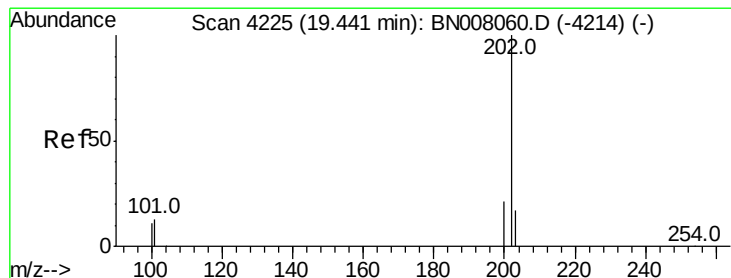
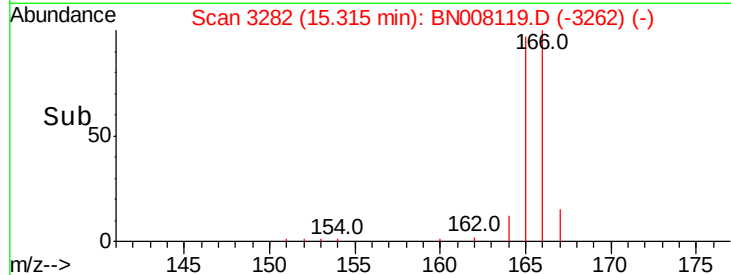
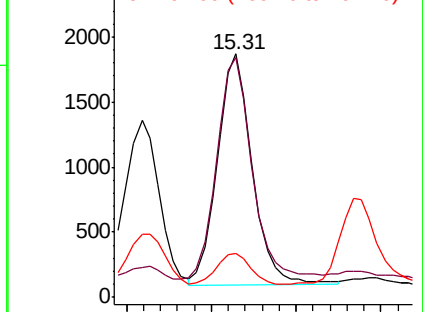
166 100

165 98.6 76.6 115.0

167 18.3 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: 199.075 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN008119.D

Acq: 12 Oct 2019 18:56

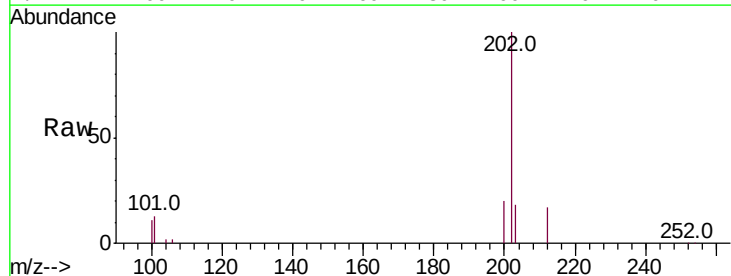
Tgt Ion:202 Resp: 77680

Ion Ratio Lower Upper

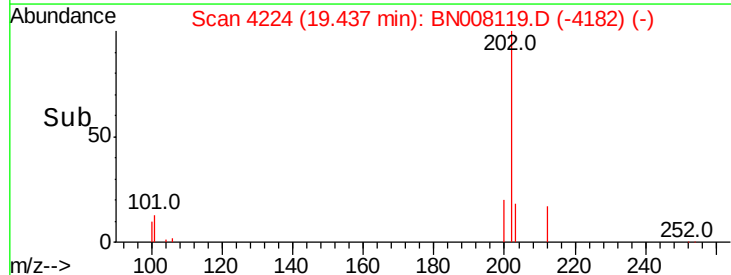
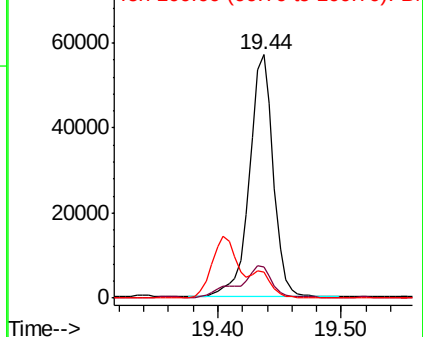
202 100

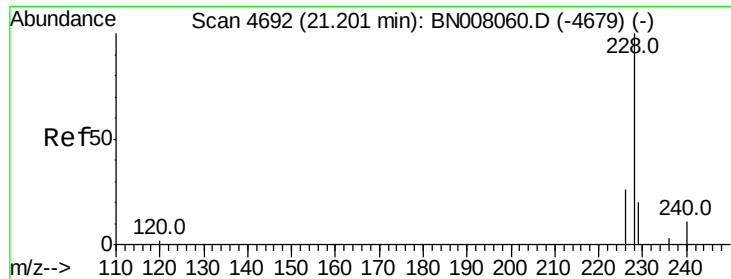
101 12.8 10.9 16.3

100 10.6 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

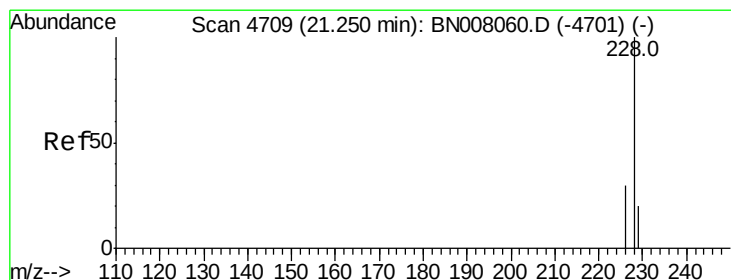
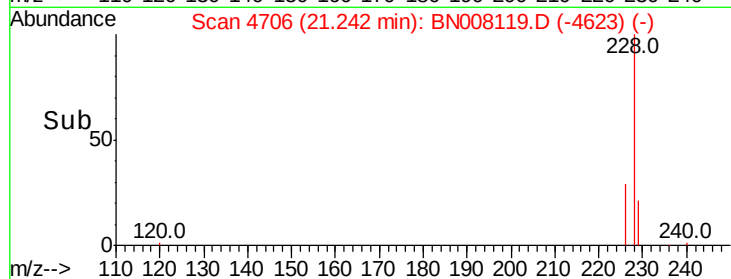
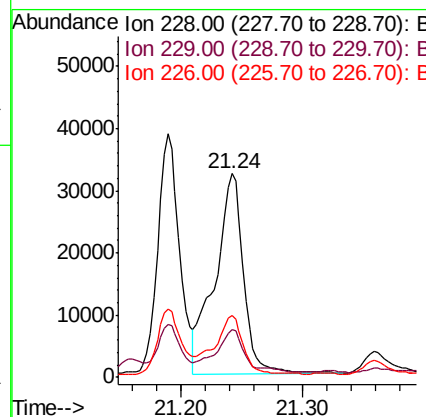
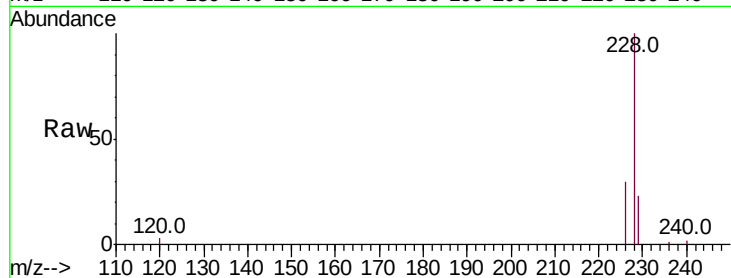




#18
Benzo(a)anthracene
Concen: 148.542 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. 0.04 min
Lab File: BN008119.D
Acq: 12 Oct 2019 18:56

Instrument :
BNA_N
ClientSampleId :

Tot Ion:228 Resp: 52925
Ion Ratio Lower Upper
228 100
229 23.4 16.2 24.2
226 30.2 21.4 32.0



#19
Chrysene
Concen: 118.457 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. -0.01 min
Lab File: BN008119.D
Acq: 12 Oct 2019 18:56

Tgt Ion:228 Resp: 51795
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 23.4 16.2 24.2

