

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006145.D
 Acq On : 06 Jun 2019 20:35
 Operator : JU/SJ
 Sample : K3201-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB3

Quant Time: Jun 07 00:29:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration

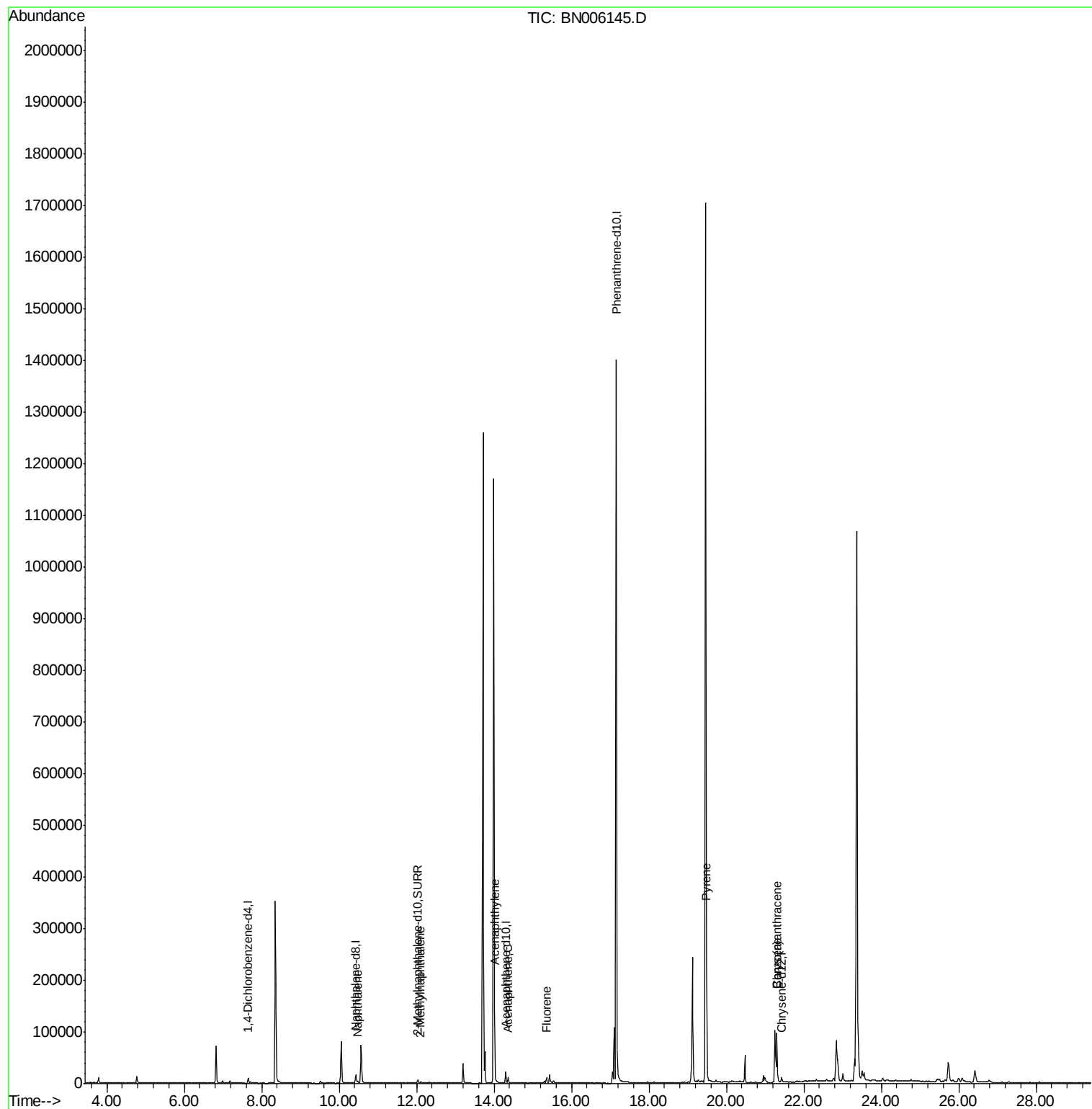
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5929	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	22131	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11632	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1600024	0.40	ng/ul	0.10
16) Chrysene-d12	21.43	240	76	0.40	ng/ul	0.14
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.56
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	9721	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	806	0.00	ng/ul	0.05
Target Compounds						
					Qvalue	
3) Naphthalene	10.48	128	4860	0.080	ng/ul#	93
5) 2-Methylnaphthalene	12.10	142	2126	0.050	ng/ul	96
7) Acenaphthylene	14.02	152	8925	0.138	ng/ul	96
8) Acenaphthene	14.36	153	6114	0.136	ng/ul	98
9) Fluorene	15.36	166	7583	0.144	ng/ul	98
17) Pyrene	19.49	202	171358	428.048	ng/ul	100
18) Benzo(a)anthracene	21.30	228	97277	289.397	ng/ul	96
19) Chrysene	21.30	228	94006	297.905	ng/ul	98

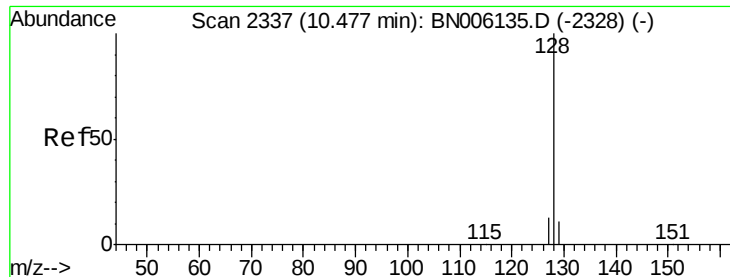
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.080 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

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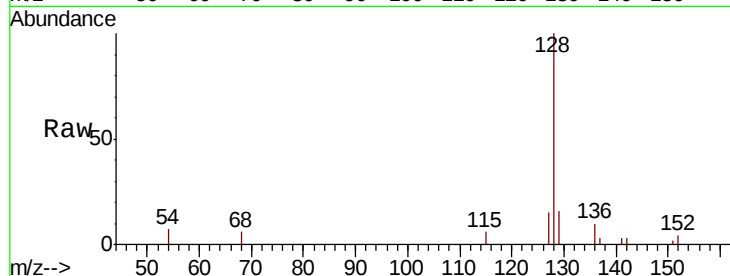
Tgt Ion:128 Resp: 4860

Ion Ratio Lower Upper

128 100

129 15.7 9.3 13.9#

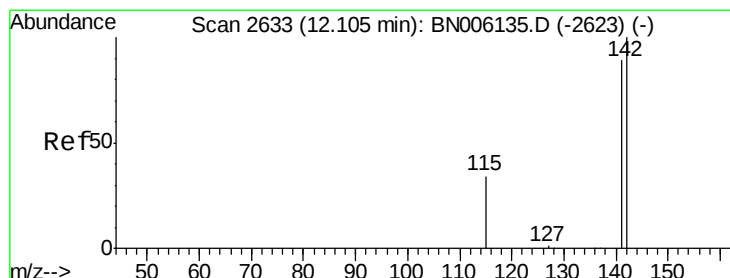
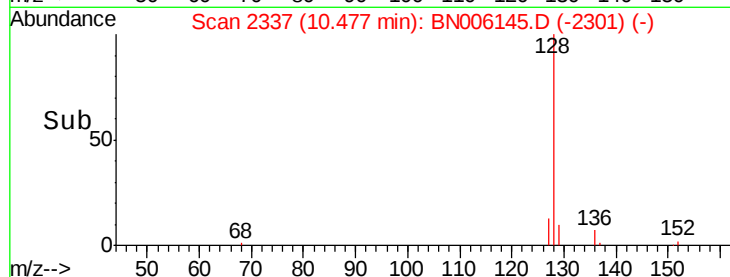
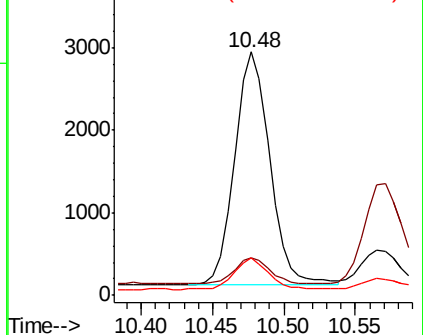
127 15.2 10.7 16.1



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: 0.050 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.01 min

Lab File: BN006145.D

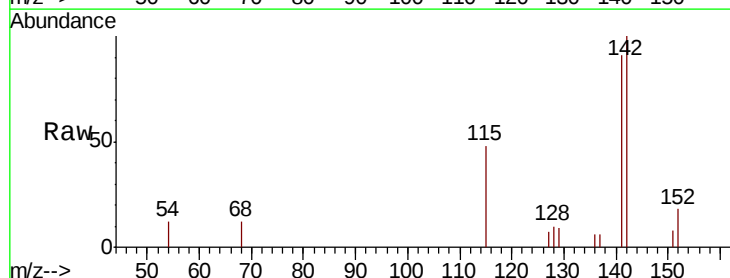
Acq: 06 Jun 2019 20:35

Tgt Ion:142 Resp: 2126

Ion Ratio Lower Upper

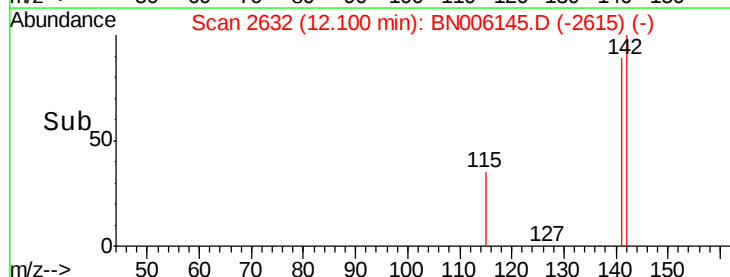
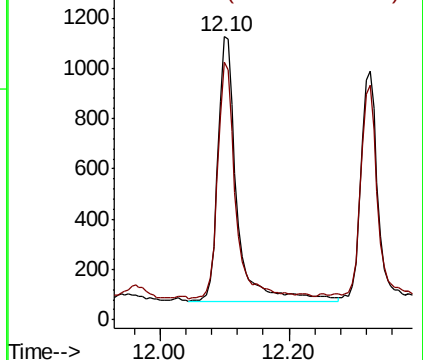
142 100

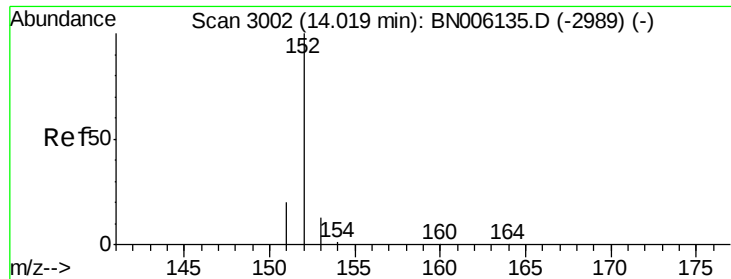
141 84.4 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.138 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BN006145.D

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Instrument :

BNA_N

ClientSampleId :

C0AB3

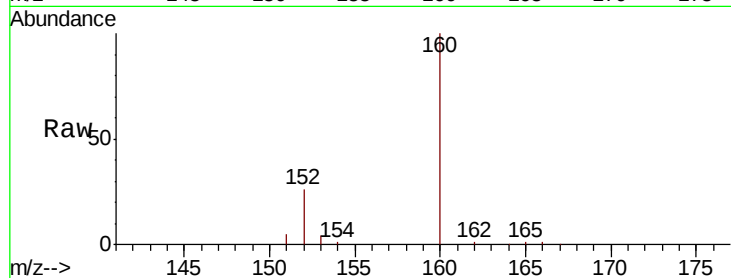
Tgt Ion:152 Resp: 8925

Ion Ratio Lower Upper

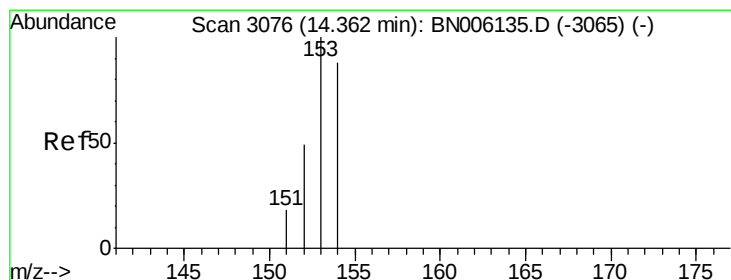
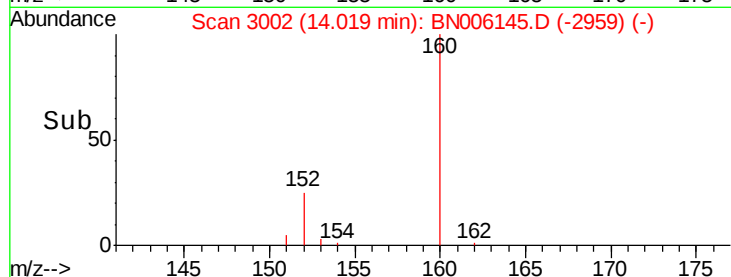
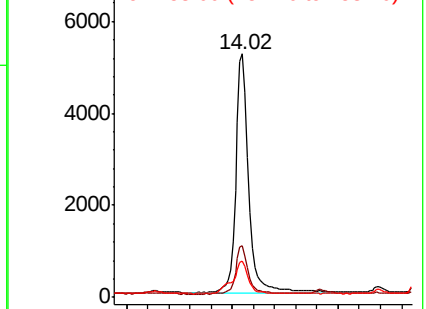
152 100

151 21.3 15.8 23.8

153 15.1 10.8 16.2



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



#8

Acenaphthene

Concen: 0.136 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN006145.D

Acq: 06 Jun 2019 20:35

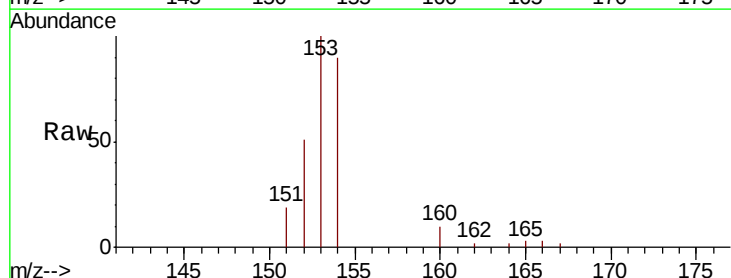
Tgt Ion:153 Resp: 6114

Ion Ratio Lower Upper

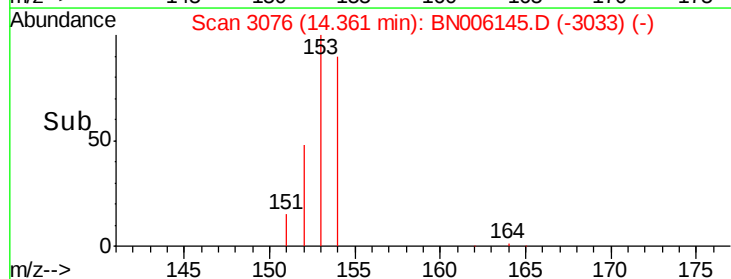
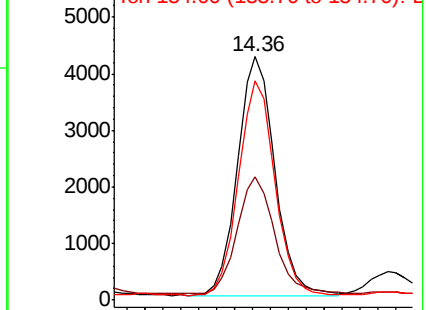
153 100

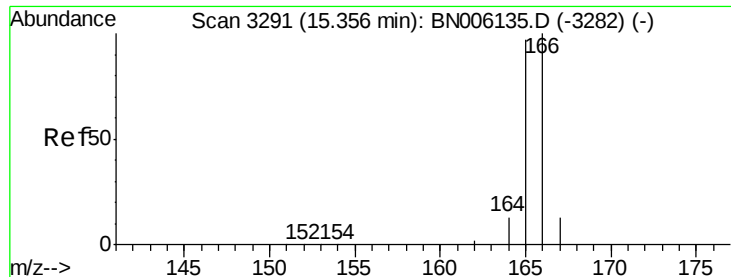
152 50.8 39.1 58.7

154 89.9 71.1 106.7



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: 0.144 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. -0.00 min

Lab File: BN006145.D

Acq: 06 Jun 2019 20:35

Instrument :

BNA_N

ClientSampleId :

C0AB3

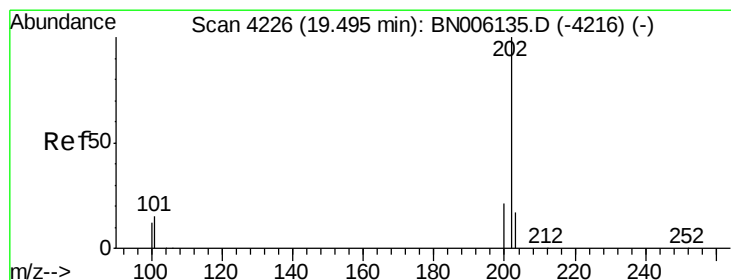
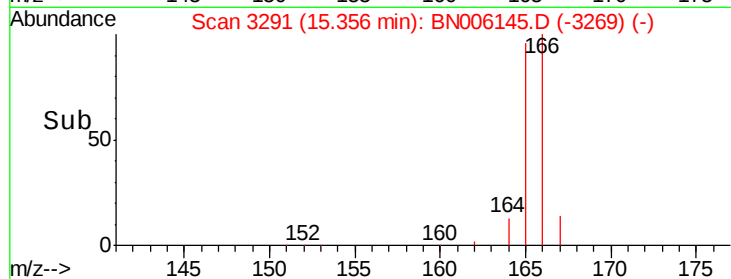
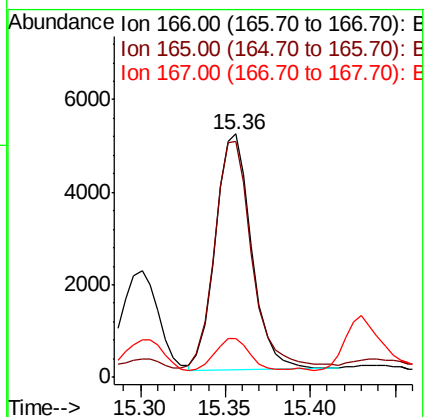
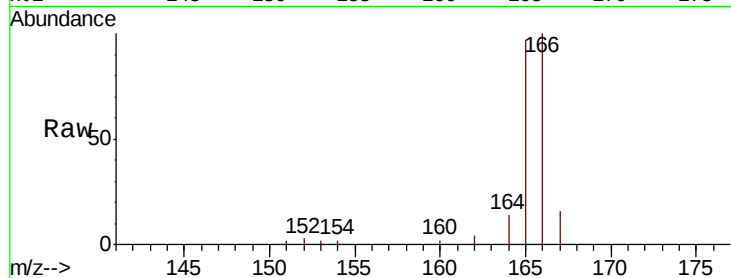
Tgt Ion:166 Resp: 7583

Ion Ratio Lower Upper

166 100

165 97.0 76.4 114.6

167 15.9 11.0 16.6



#17

Pyrene

Concen: 428.048 ng/ul

RT: 19.49 min Scan# 4225

Delta R.T. -0.00 min

Lab File: BN006145.D

Acq: 06 Jun 2019 20:35

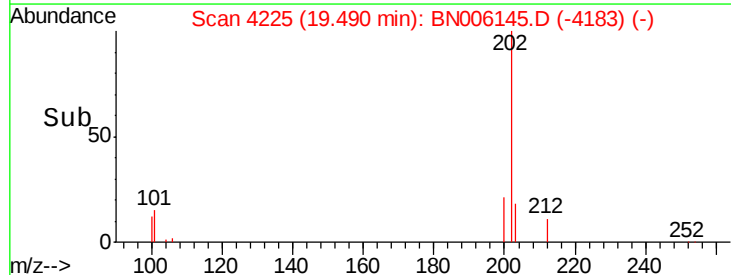
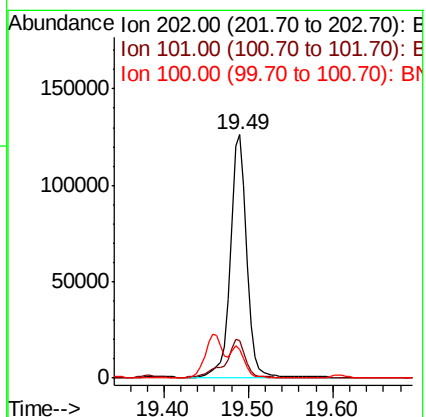
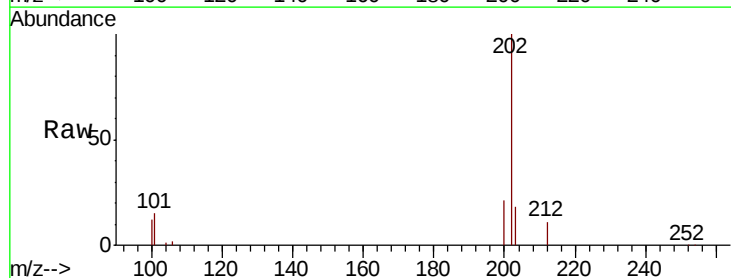
Tgt Ion:202 Resp: 171358

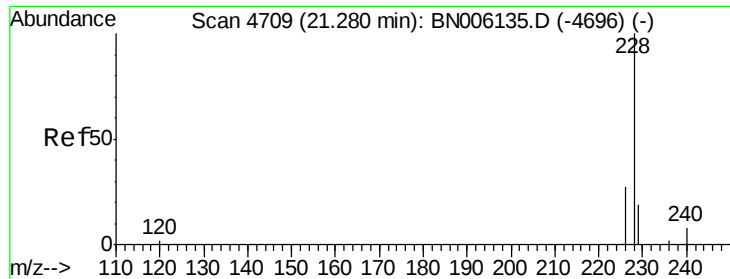
Ion Ratio Lower Upper

202 100

101 15.2 12.2 18.2

100 11.9 9.8 14.6





#18

Benzo(a)anthracene

Concen: 289.397 ng/ul

RT: 21.30 min Scan# 4717

Delta R.T. 0.02 min

Lab File: BN006145.D

Acq: 06 Jun 2019 20:35

Instrument :

BNA_N

ClientSampleId :

C0AB3

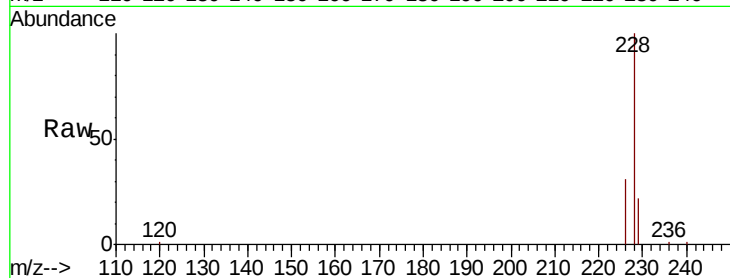
Tgt Ion:228 Resp: 97277

Ion Ratio Lower Upper

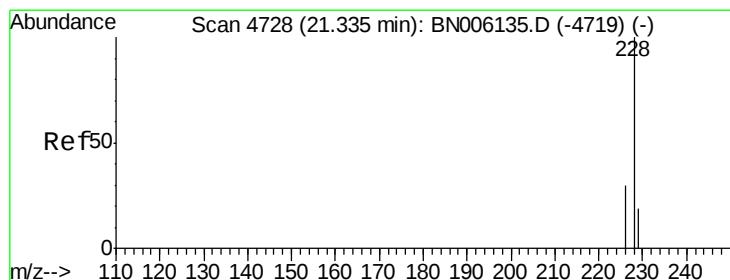
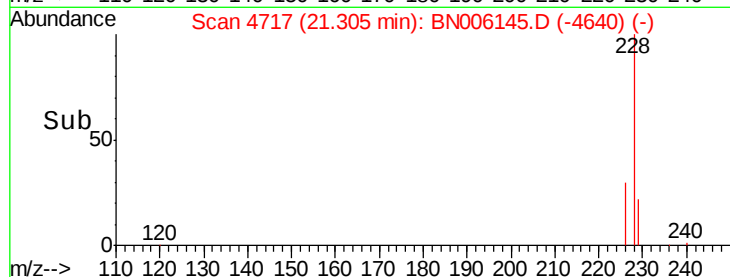
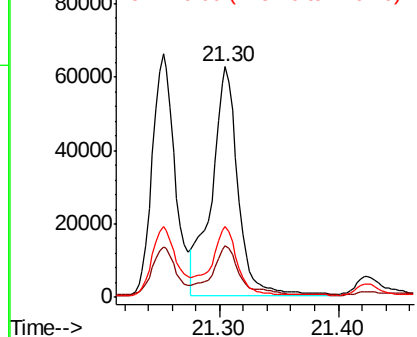
228 100

229 22.3 16.5 24.7

226 30.9 22.8 34.2



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: 297.905 ng/ul

RT: 21.30 min Scan# 4717

Delta R.T. -0.03 min

Lab File: BN006145.D

Acq: 06 Jun 2019 20:35

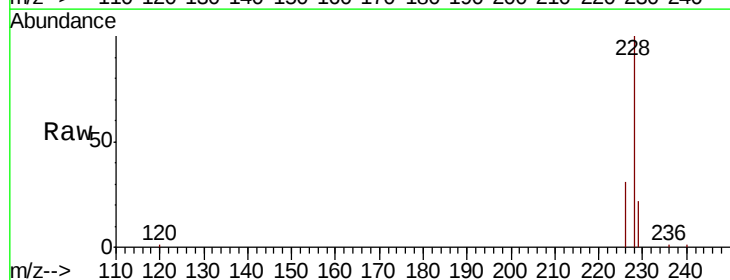
Tgt Ion:228 Resp: 94006

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

229 22.3 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

