

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
 Data File : BN008190.D
 Acq On : 16 Oct 2019 01:48
 Operator : JU
 Sample : K5175-15
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 03:44:04 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 : Tue Oct 15 15:13:35 2019
 Response via : Initial Calibration

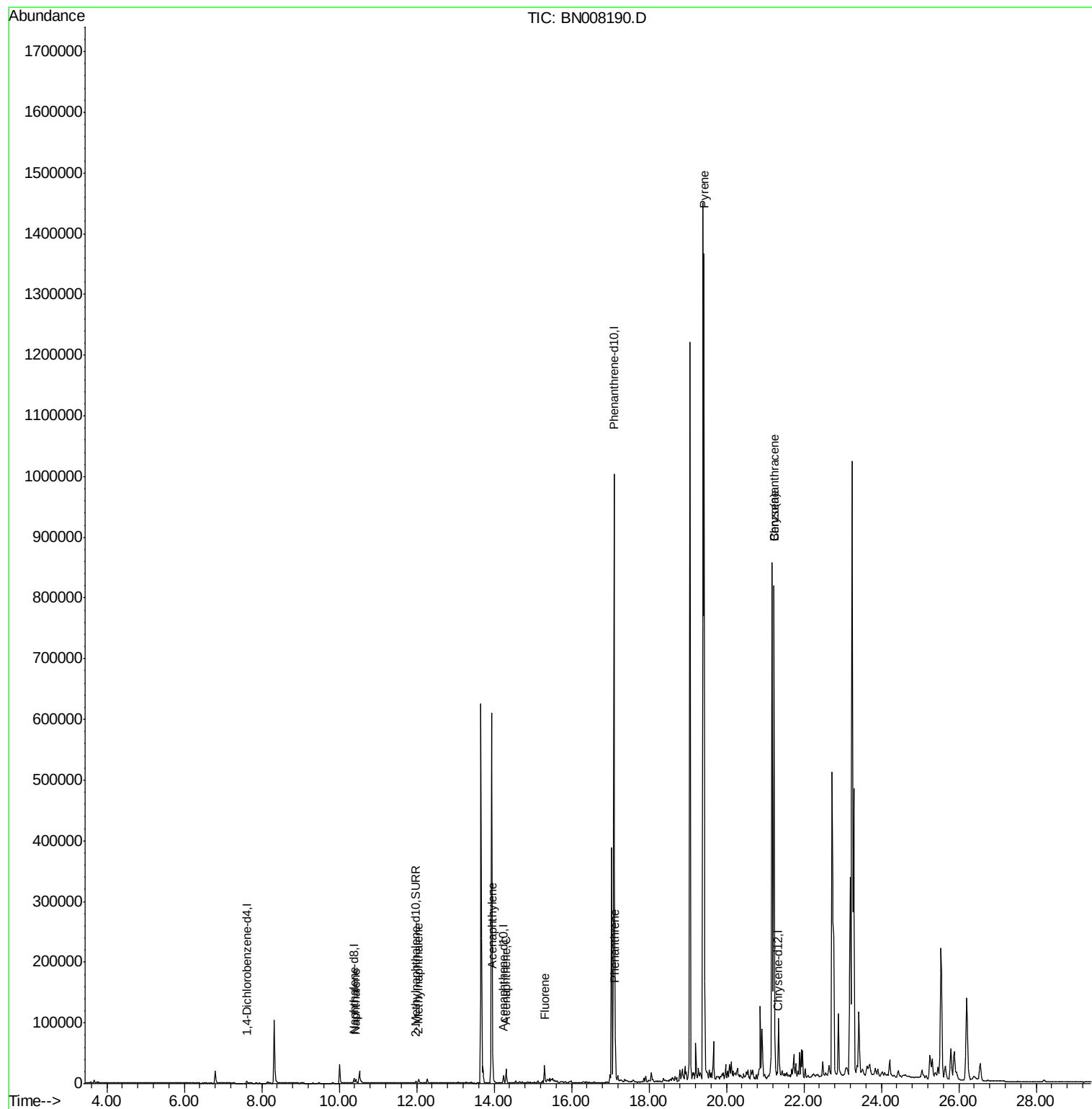
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2133	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	10234	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.25	164	6503	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.09	188	1102642	0.40	ng/ul	0.09
16) Chrysene-d12	21.33	240	458	0.40	ng/ul	0.12
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.40
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4739	0.27	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	1057	0.00	ng/ul	0.09
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	9448	0.324	ng/ul	99
5) 2-Methylnaphthalene	12.05	142	5606	0.280	ng/ul	98
7) Acenaphthylene	13.96	152	37880	1.223	ng/ul	100
8) Acenaphthene	14.31	153	13567	0.563	ng/ul	99
9) Fluorene	15.30	166	18412	0.673	ng/ul	97
12) Phenanthrene	17.13	178	84065	0.026	ng/ul	98
17) Pyrene	19.42	202	1086193	595.627	ng/ul	98
18) Benzo(a)anthracene	21.23	228	766440	460.286	ng/ul	96
19) Chrysene	21.23	228	764581	374.158	ng/ul	98

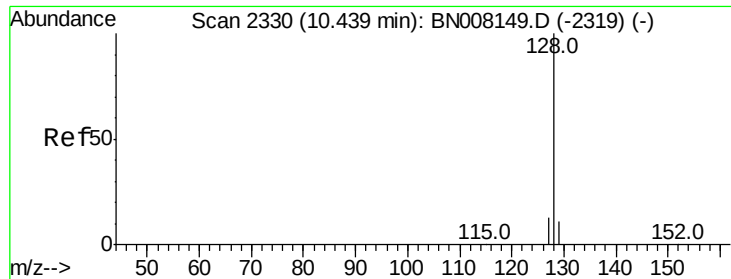
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.324 ng/ul

RT: 10.43 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BN008190.D

Acq: 16 Oct 2019 01:48

Instrument :

BNA_N

ClientSampleId :

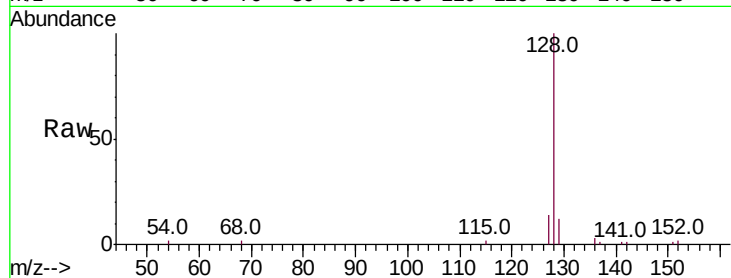
Tot Ion:128 Resp: 9448

Ion Ratio Lower Upper

128 100

129 12.5 9.8 14.8

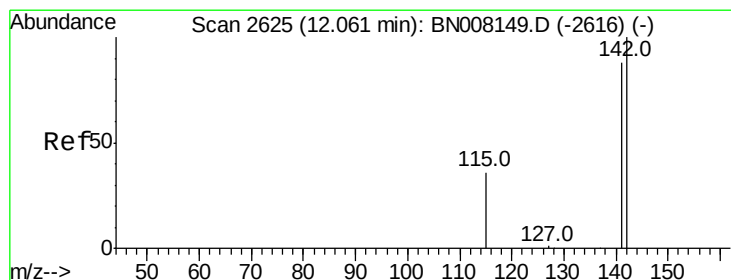
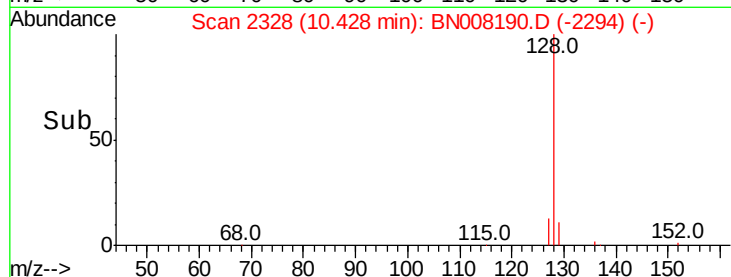
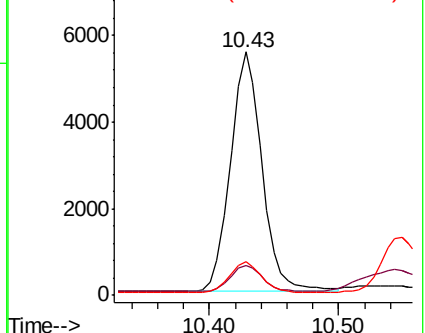
127 13.6 11.1 16.7



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: 0.280 ng/ul

RT: 12.05 min Scan# 2623

Delta R.T. -0.02 min

Lab File: BN008190.D

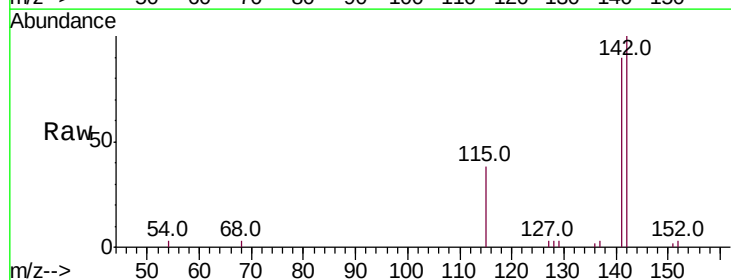
Acq: 16 Oct 2019 01:48

Tgt Ion:142 Resp: 5606

Ion Ratio Lower Upper

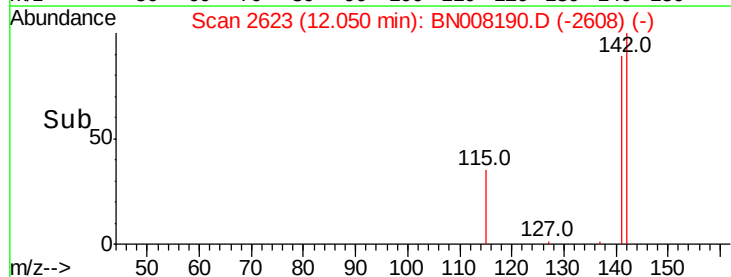
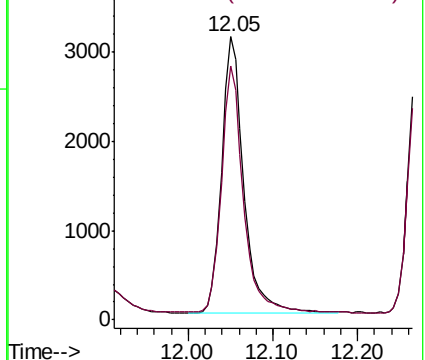
142 100

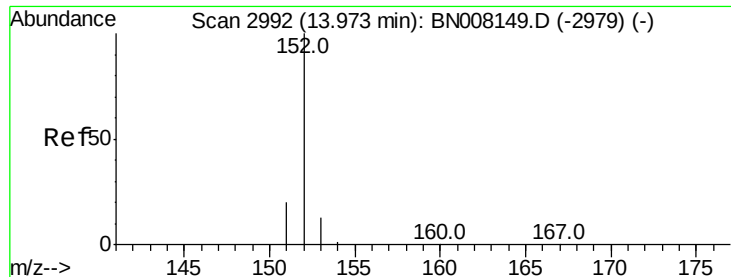
141 87.4 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.223 ng/ul

RT: 13.96 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BN008190.D

Acq: 16 Oct 2019 01:48

Instrument :

BNA_N

ClientSampleId :

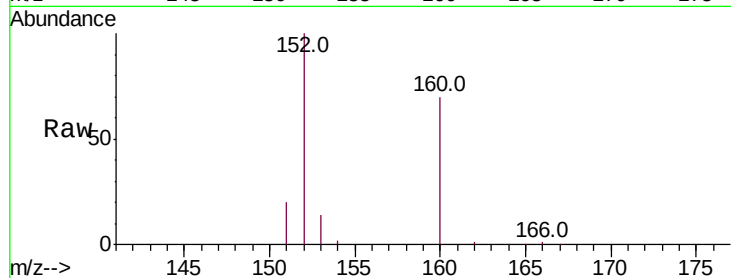
Tot Ion:152 Resp: 37880

Ion Ratio Lower Upper

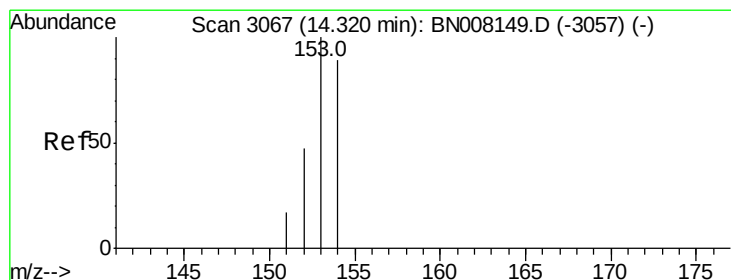
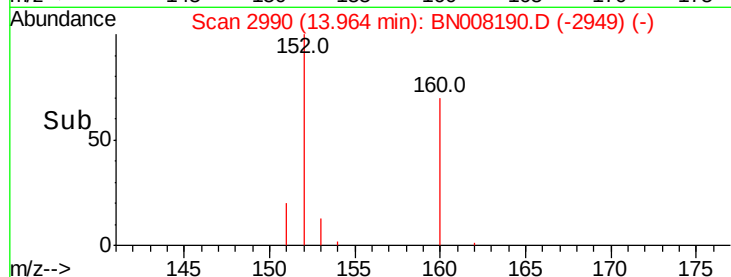
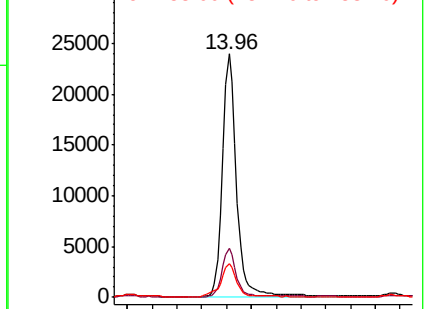
152 100

151 20.0 16.2 24.4

153 13.7 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: 0.563 ng/ul

RT: 14.31 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BN008190.D

Acq: 16 Oct 2019 01:48

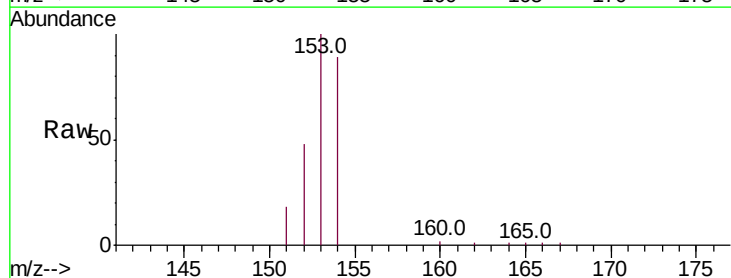
Tgt Ion:153 Resp: 13567

Ion Ratio Lower Upper

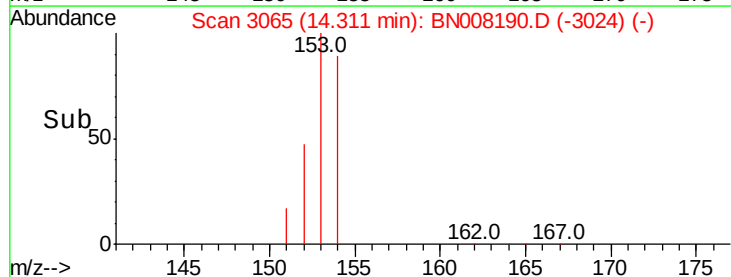
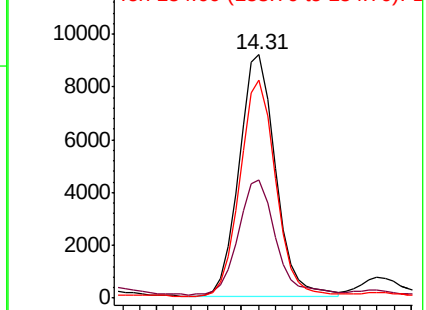
153 100

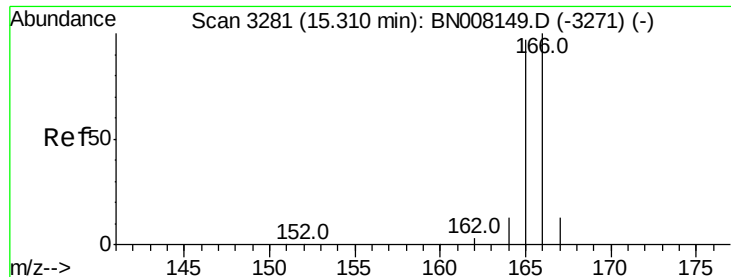
152 48.4 38.2 57.2

154 89.3 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: 0.673 ng/ul

RT: 15.30 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BN008190.D

Acq: 16 Oct 2019 01:48

Instrument :

BNA_N

ClientSampleId :

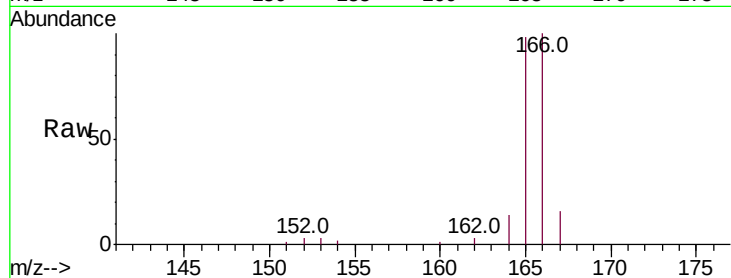
Tot Ion:166 Resp: 18412

Ion Ratio Lower Upper

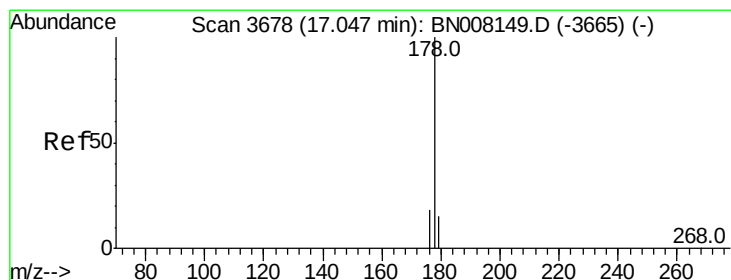
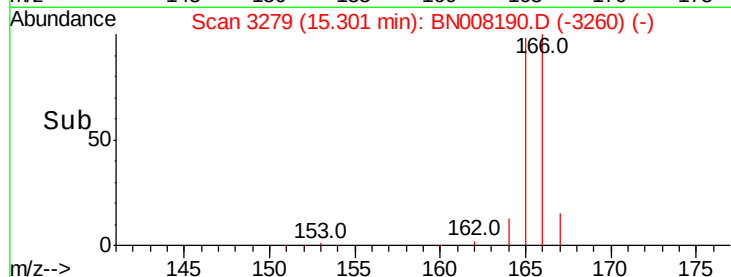
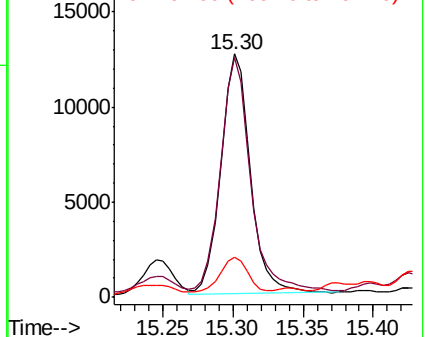
166 100

165 98.5 76.6 115.0

167 16.4 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



#12

Phenanthrene

Concen: 0.026 ng/ul

RT: 17.13 min Scan# 3697

Delta R.T. 0.08 min

Lab File: BN008190.D

Acq: 16 Oct 2019 01:48

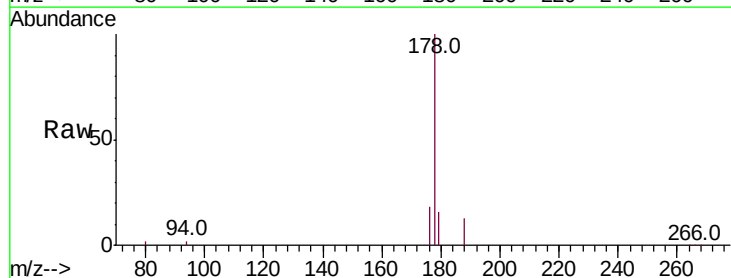
Tgt Ion:178 Resp: 84065

Ion Ratio Lower Upper

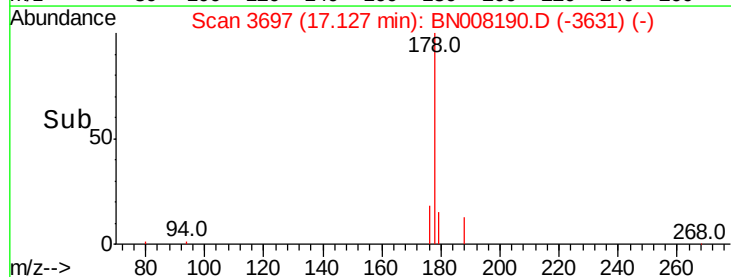
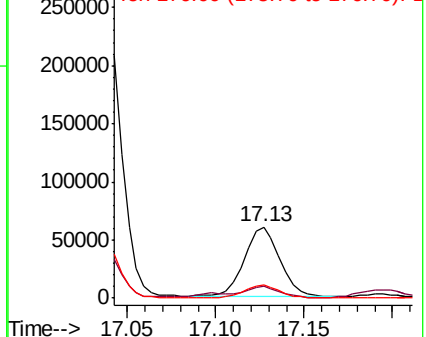
178 100

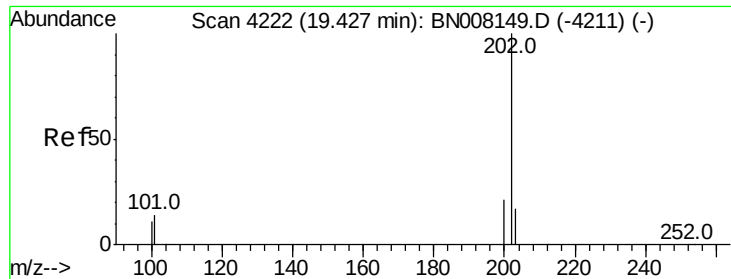
179 16.0 12.8 19.2

176 18.0 15.4 23.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

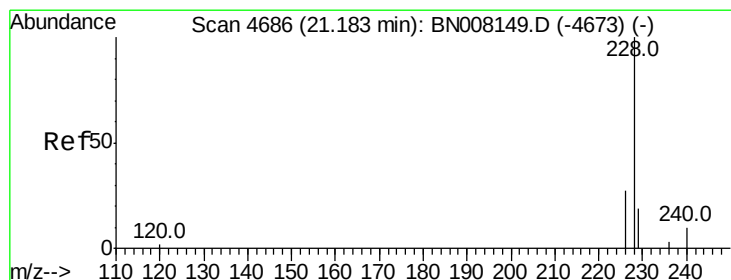
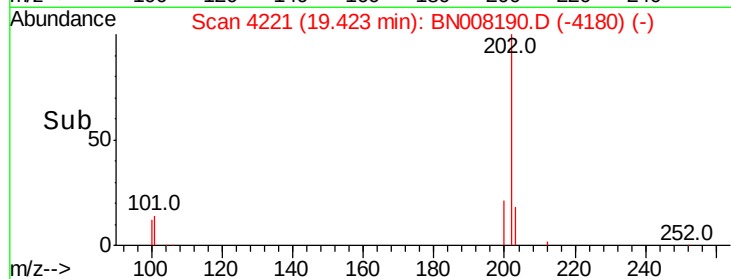
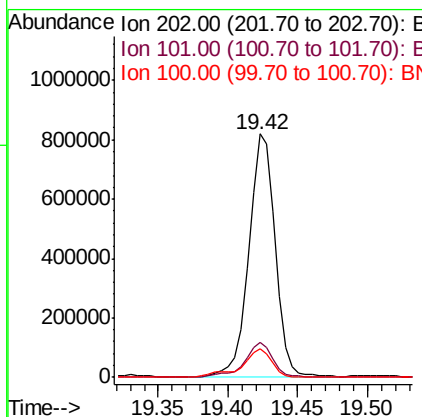
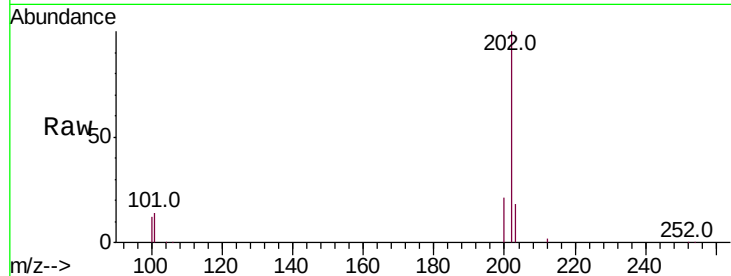




#17
Pvrene
Concen: 595.627 ng/ul
RT: 19.42 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BN008190.D
Acq: 16 Oct 2019 01:48

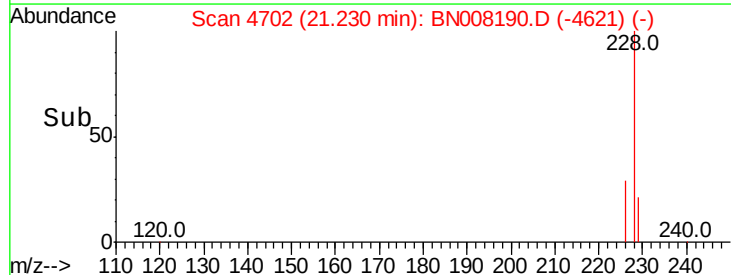
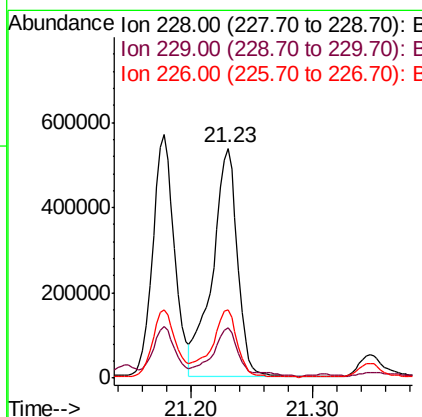
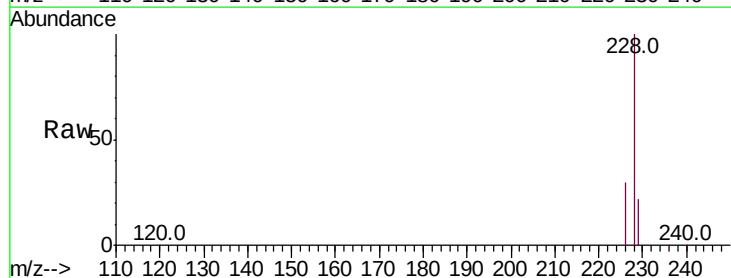
Instrument :
BNA_N
ClientSampleId :

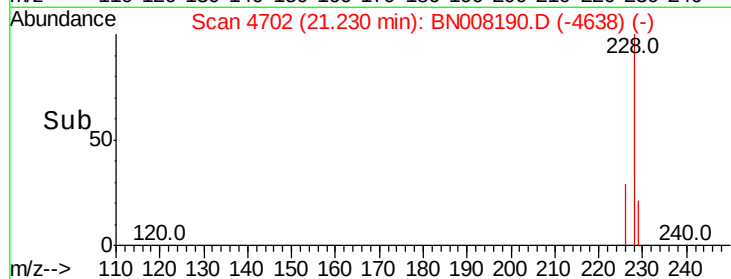
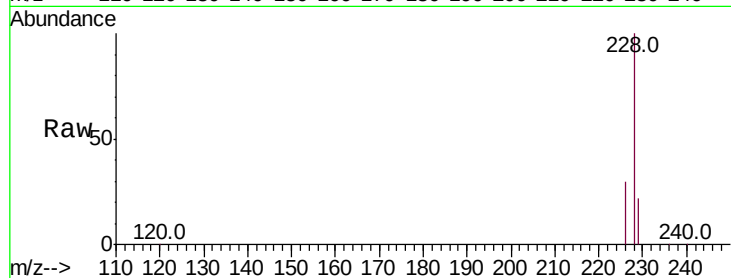
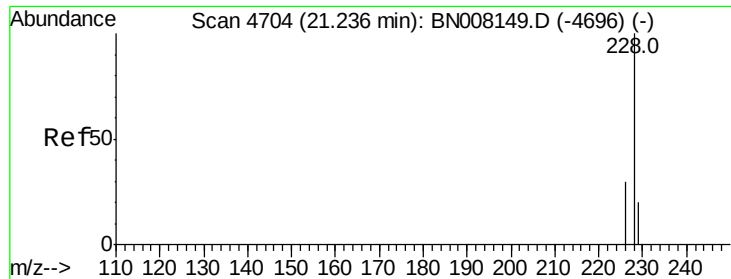
Tot Ion:202 Resp: 1086193
Ion Ratio Lower Upper
202 100
101 14.3 10.9 16.3
100 11.7 8.7 13.1



#18
Benzo(a)anthracene
Concen: 460.286 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. 0.04 min
Lab File: BN008190.D
Acq: 16 Oct 2019 01:48

Tgt Ion:228 Resp: 766440
Ion Ratio Lower Upper
228 100
229 21.6 16.2 24.2
226 29.5 21.4 32.0





#19

Chrysene

Concen: 374.158 ng/ul

RT: 21.23 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN008190.D

Acq: 16 Oct 2019 01:48

Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 764581

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

229 21.6 16.2 24.2

