

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
 Data File : BN008191.D
 Acq On : 16 Oct 2019 02:24
 Operator : JU
 Sample : K5175-16
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 03:44:09 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

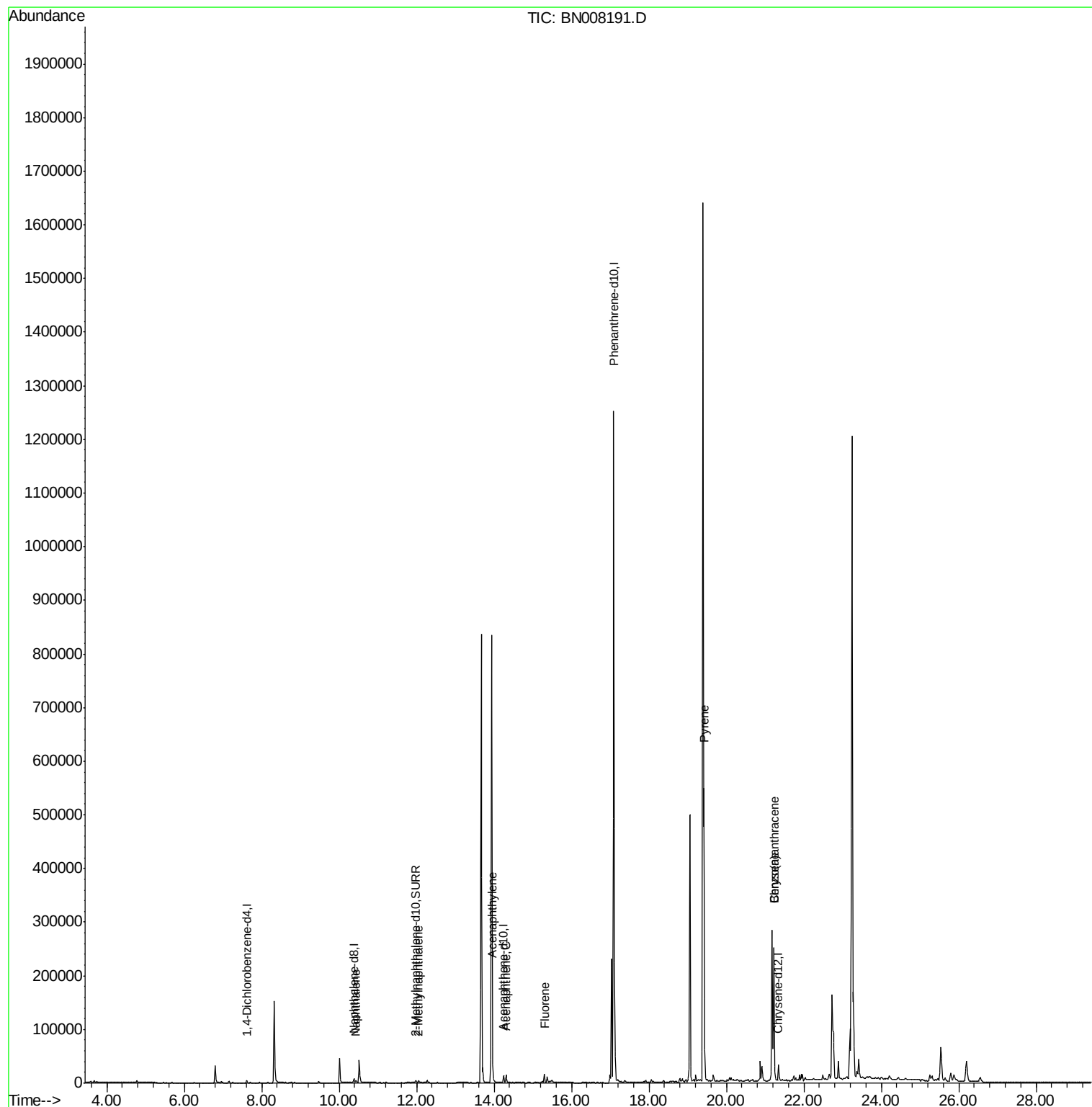
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2308	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	11284	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.25	164	7242	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.09	188	1362262	0.40	ng/ul	0.09
16) Chrysene-d12	21.32	240	105	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	6757	0.35	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	271	0.00	ng/ul	0.09
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	5509	0.171	ng/ul	98
5) 2-Methylnaphthalene	12.05	142	3198	0.145	ng/ul	100
7) Acenaphthylene	13.96	152	11860	0.344	ng/ul	99
8) Acenaphthene	14.31	153	8438	0.315	ng/ul	99
9) Fluorene	15.30	166	10363	0.340	ng/ul	97
17) Pyrene	19.42	202	408445	976.961	ng/ul	99
18) Benzo(a)anthracene	21.23	228	247336	647.908	ng/ul	95
19) Chrysene	21.23	228	245231	523.460	ng/ul	98

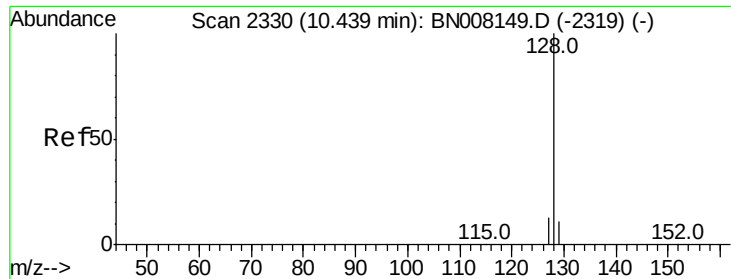
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.171 ng/ul

RT: 10.43 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BN008191.D

Acq: 16 Oct 2019 02:24

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ClientSampleId :

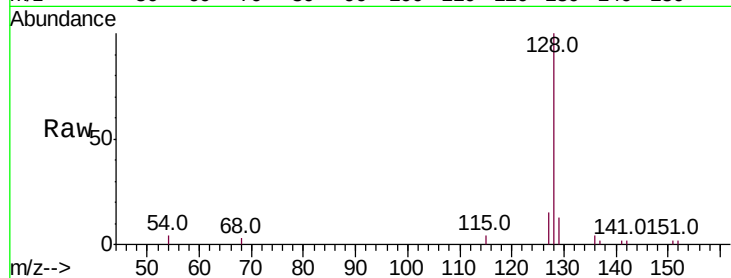
Tot Ion:128 Resp: 5509

Ion Ratio Lower Upper

128 100

129 13.4 9.8 14.8

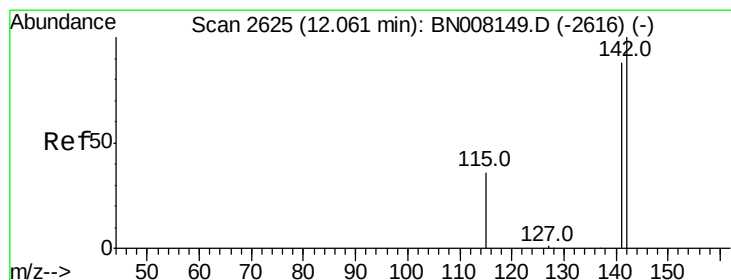
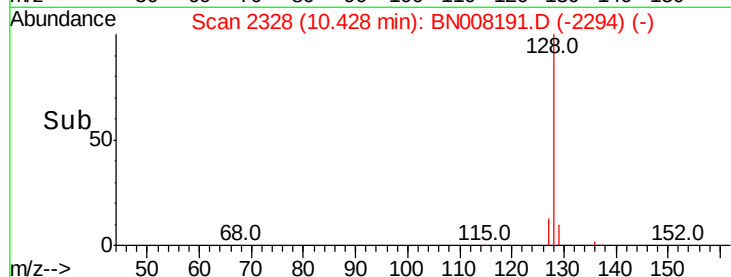
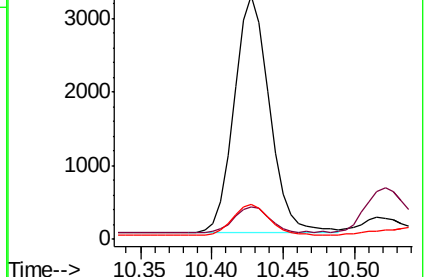
127 14.6 11.1 16.7



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: 0.145 ng/ul

RT: 12.05 min Scan# 2623

Delta R.T. -0.02 min

Lab File: BN008191.D

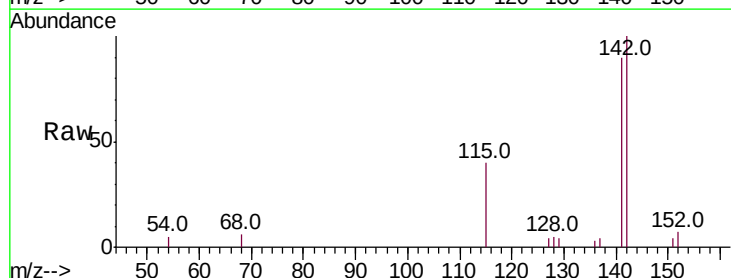
Acq: 16 Oct 2019 02:24

Tgt Ion:142 Resp: 3198

Ion Ratio Lower Upper

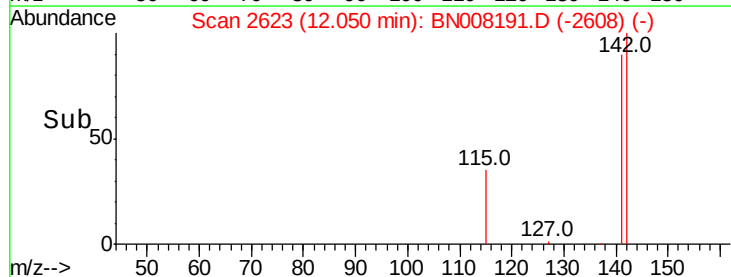
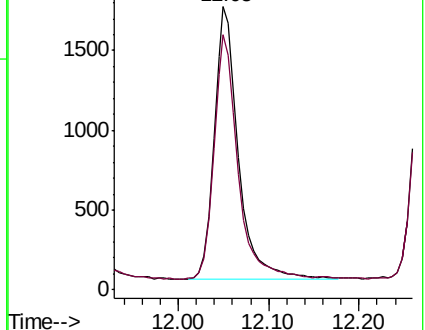
142 100

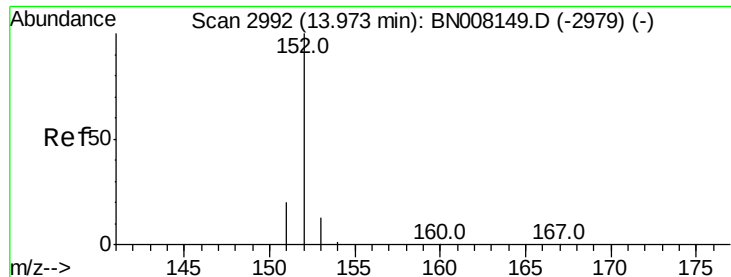
141 89.4 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.344 ng/ul

RT: 13.96 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BN008191.D

Acq: 16 Oct 2019 02:24

Instrument :

BNA_N

ClientSampleId :

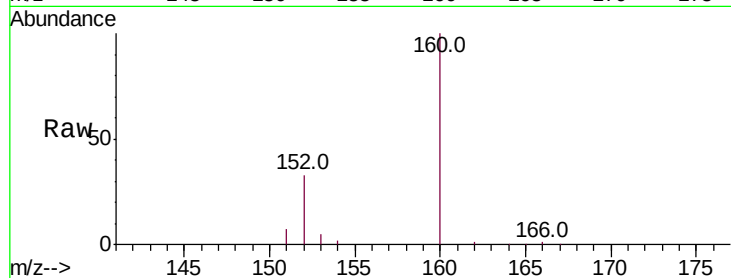
Tot Ion:152 Resp: 11860

Ion Ratio Lower Upper

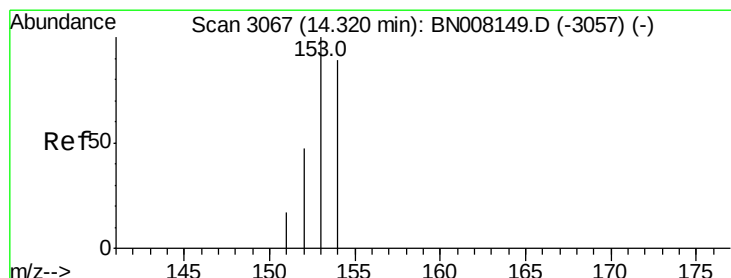
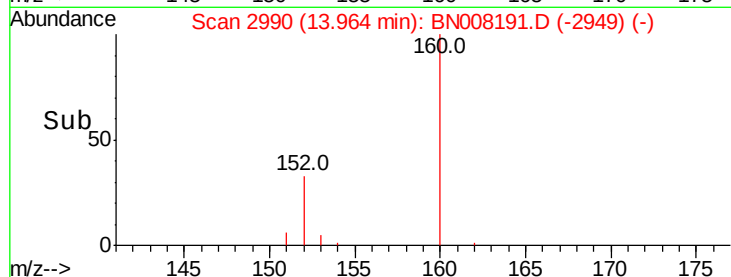
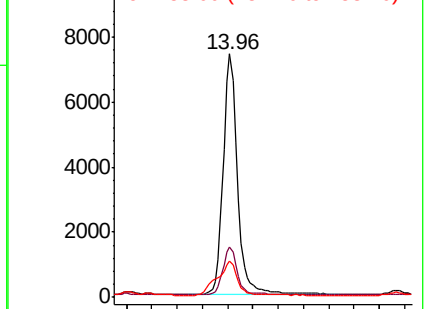
152 100

151 20.7 16.2 24.4

153 14.7 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: 0.315 ng/ul

RT: 14.31 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BN008191.D

Acq: 16 Oct 2019 02:24

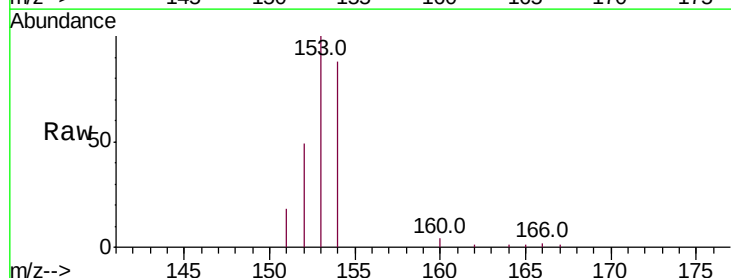
Tgt Ion:153 Resp: 8438

Ion Ratio Lower Upper

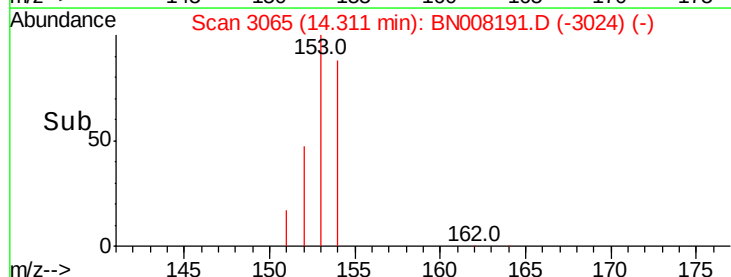
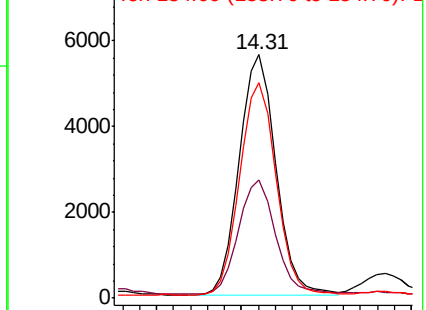
153 100

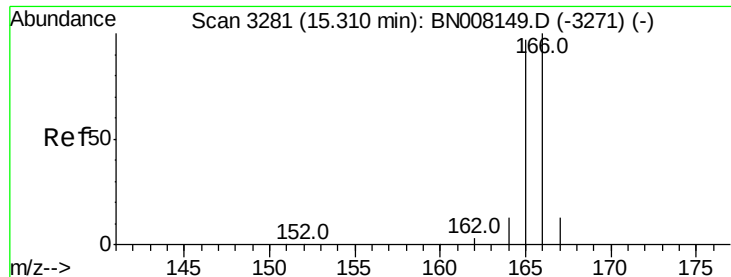
152 48.5 38.2 57.2

154 88.4 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

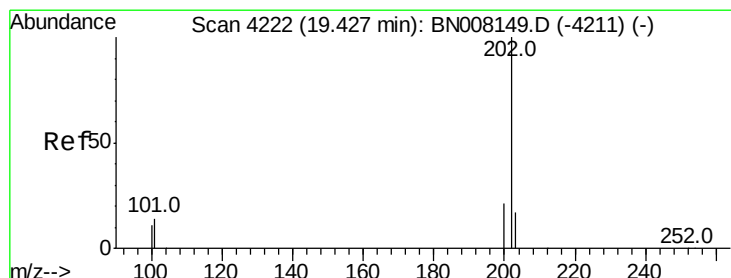
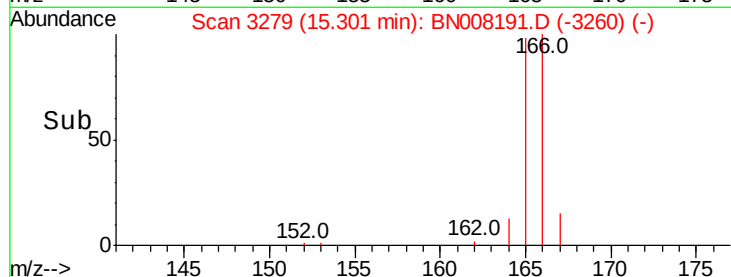
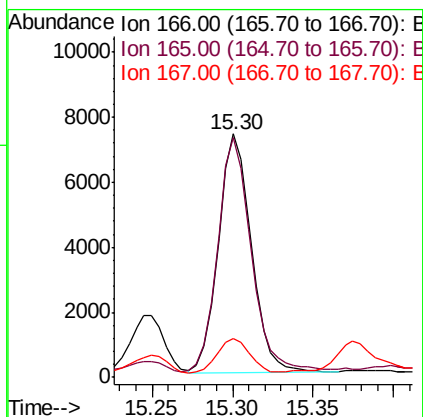
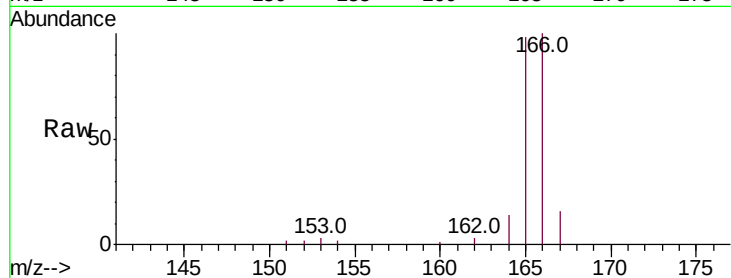




#9
Fluorene
Concen: 0.340 ng/ul
RT: 15.30 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BN008191.D
Acq: 16 Oct 2019 02:24

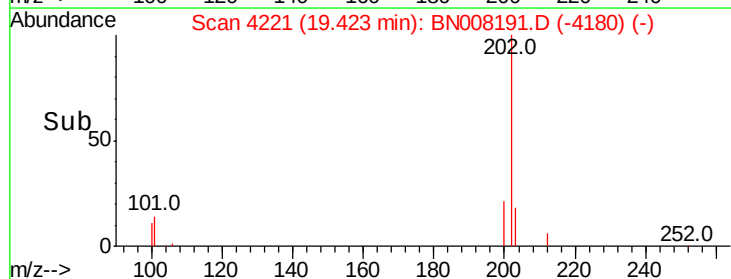
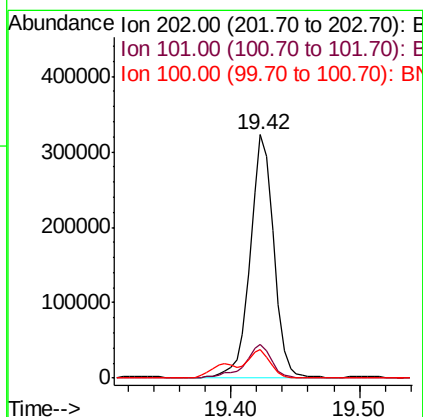
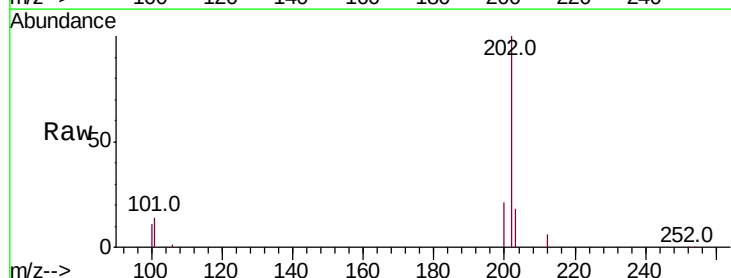
Instrument :
BNA_N
ClientSampleId :

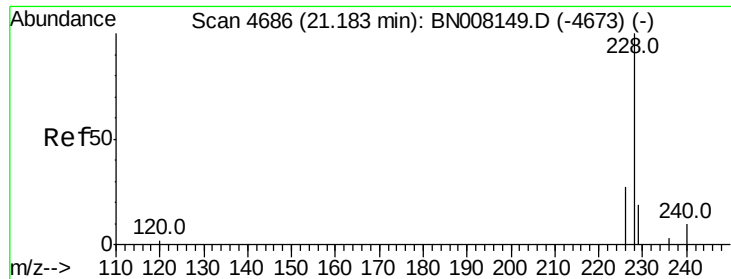
Tot Ion:166 Resp: 10363
Ion Ratio Lower Upper
166 100
165 98.5 76.6 115.0
167 16.2 11.7 17.5



#17
Pyrene
Concen: 976.961 ng/ul
RT: 19.42 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BN008191.D
Acq: 16 Oct 2019 02:24

Tgt Ion:202 Resp: 408445
Ion Ratio Lower Upper
202 100
101 14.1 10.9 16.3
100 11.5 8.7 13.1





#18

Benzo(a)anthracene

Concen: 647.908 ng/ul

RT: 21.23 min Scan# 4702

Delta R.T. 0.04 min

Lab File: BN008191.D

Acq: 16 Oct 2019 02:24

Instrument :

BNA_N

ClientSampleId :

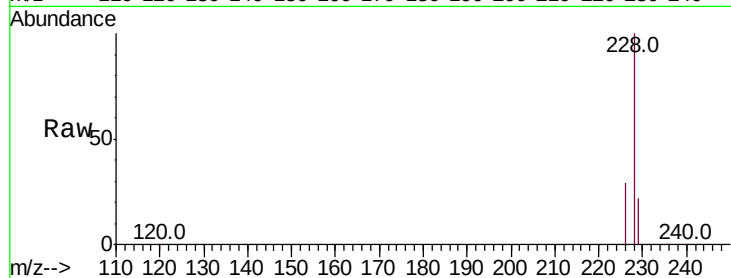
Tot Ion:228 Resp: 247336

Ion Ratio Lower Upper

228 100

229 21.7 16.2 24.2

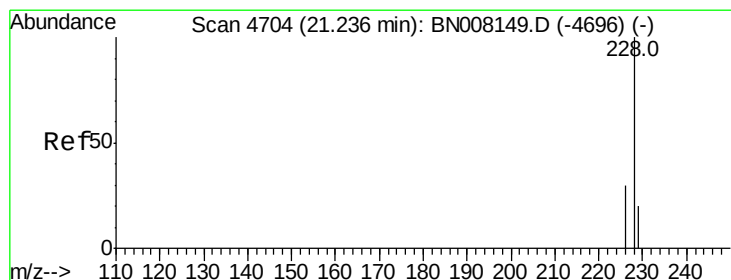
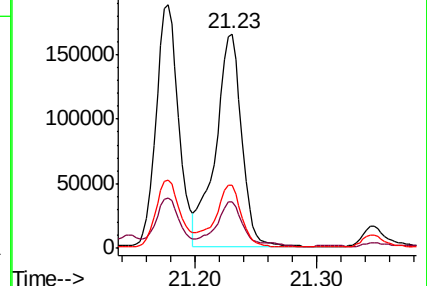
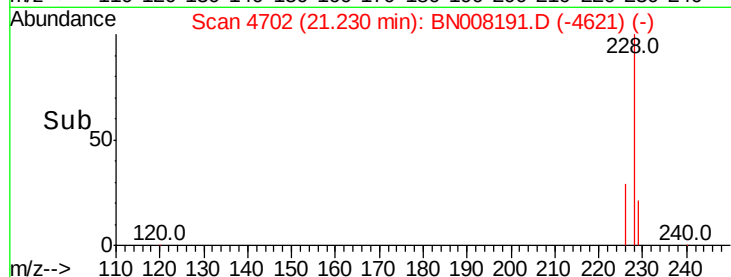
226 29.5 21.4 32.0



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: 523.460 ng/ul

RT: 21.23 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN008191.D

Acq: 16 Oct 2019 02:24

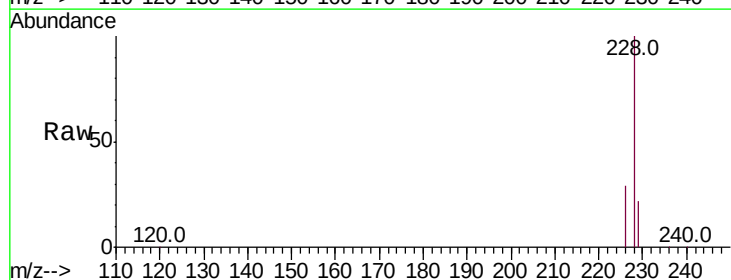
Tgt Ion:228 Resp: 245231

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

229 21.7 16.2 24.2



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

