

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101419\
 Data File : BN008181.D
 Acq On : 15 Oct 2019 19:50
 Operator : JU
 Sample : K5175-09
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 16 03:43:07 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

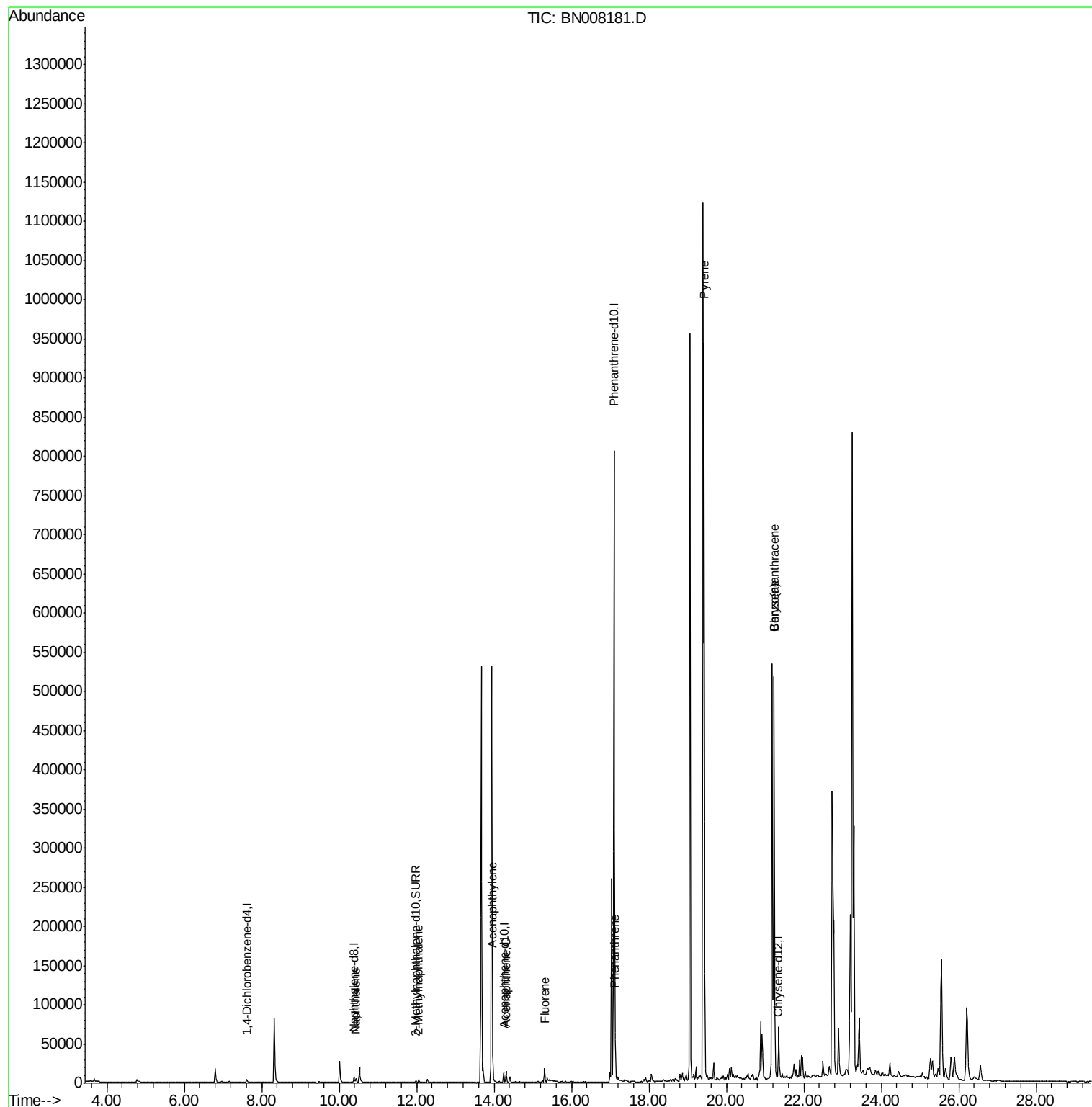
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2211	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	10685	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.25	164	6694	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	883081	0.40	ng/ul	0.09
16) Chrysene-d12	21.33	240	249	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	4117	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.13	212	475	0.00	ng/ul	0.09
Target Compounds						
					Ovalue	
3) Naphthalene	10.43	128	6238	0.205	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	3006	0.144	ng/ul	99
7) Acenaphthylene	13.96	152	19210	0.602	ng/ul	99
8) Acenaphthene	14.31	153	8438	0.340	ng/ul	99
9) Fluorene	15.30	166	11746	0.417	ng/ul	97
12) Phenanthrene	17.13	178	54692	0.021	ng/ul	99
17) Pyrene	19.42	202	746883	753.332	ng/ul	98
18) Benzo(a)anthracene	21.23	228	497542	549.599	ng/ul	95
19) Chrysene	21.23	228	496207	446.644	ng/ul	98

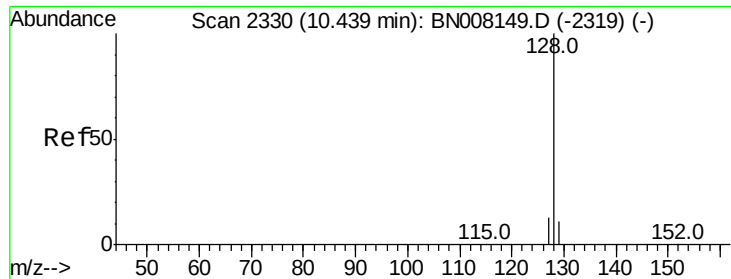
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.205 ng/ul

RT: 10.43 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BN008181.D

Acq: 15 Oct 2019 19:50

Instrument :

BNA_N

ClientSampleId :

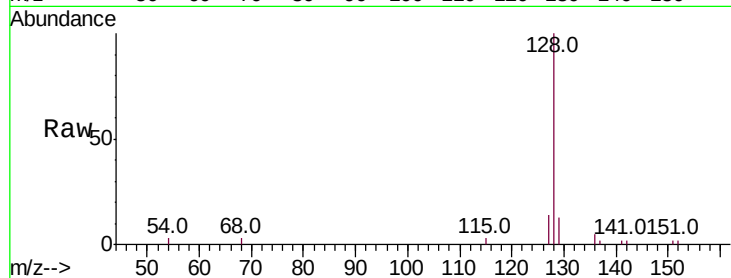
Tot Ion:128 Resp: 6238

Ion Ratio Lower Upper

128 100

129 13.2 9.8 14.8

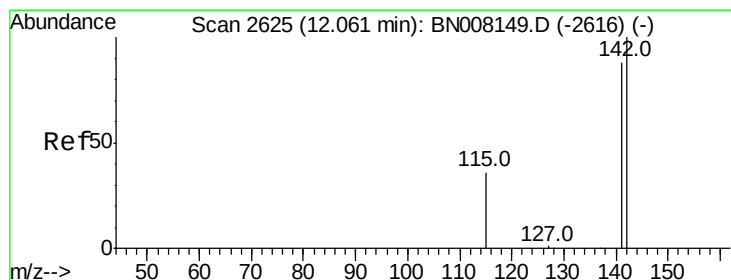
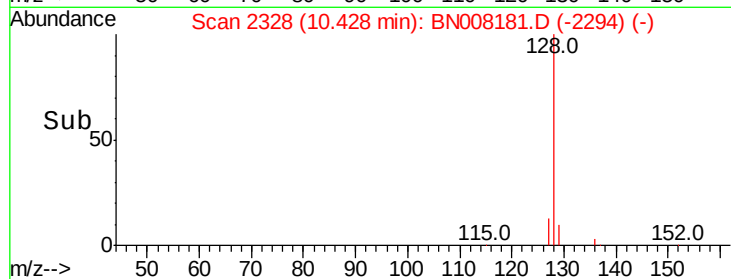
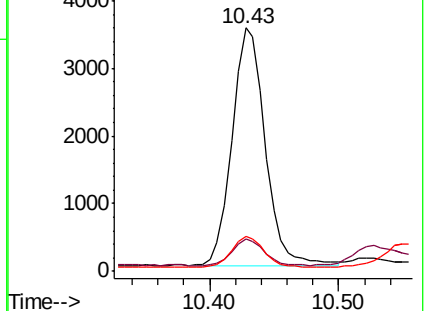
127 14.3 11.1 16.7



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: 0.144 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BN008181.D

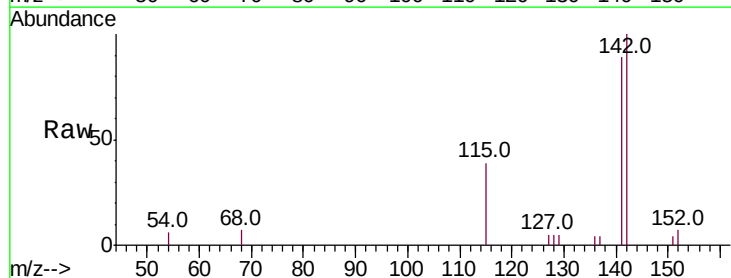
Acq: 15 Oct 2019 19:50

Tgt Ion:142 Resp: 3006

Ion Ratio Lower Upper

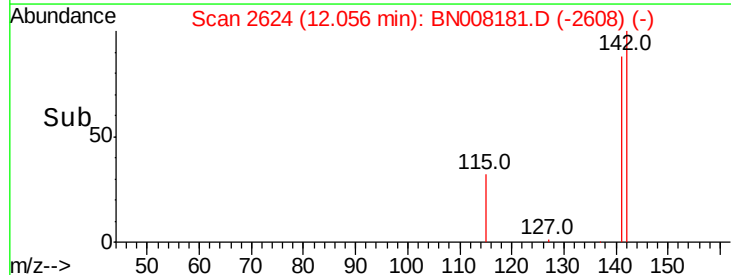
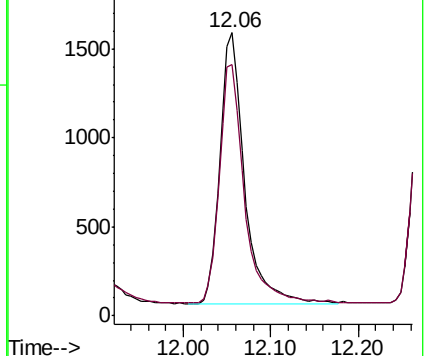
142 100

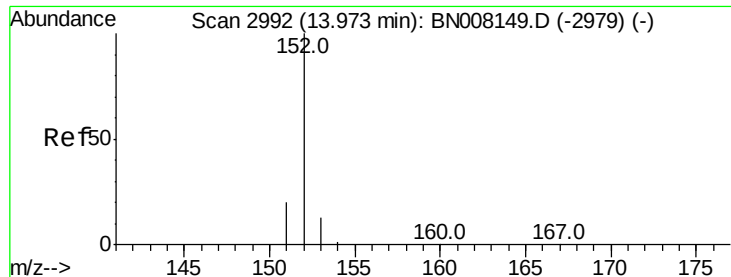
141 88.7 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.602 ng/ul

RT: 13.96 min Scan# 2990

Delta R.T. -0.01 min

Lab File: BN008181.D

Acq: 15 Oct 2019 19:50

Instrument :

BNA_N

ClientSampleId :

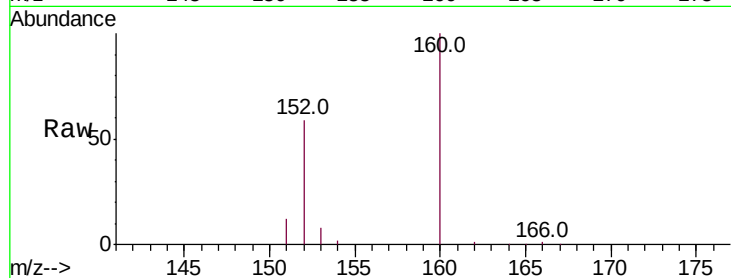
Tot Ion:152 Resp: 19210

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 14.1 11.0 16.4

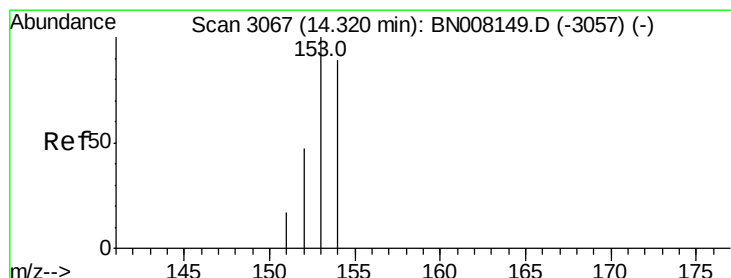
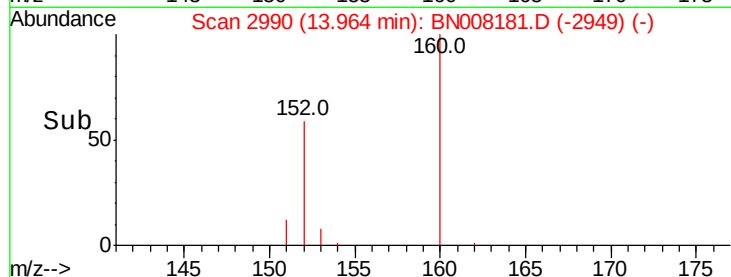
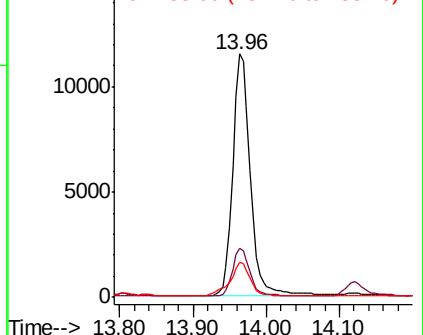


Abundance

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: 0.340 ng/ul

RT: 14.31 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BN008181.D

Acq: 15 Oct 2019 19:50

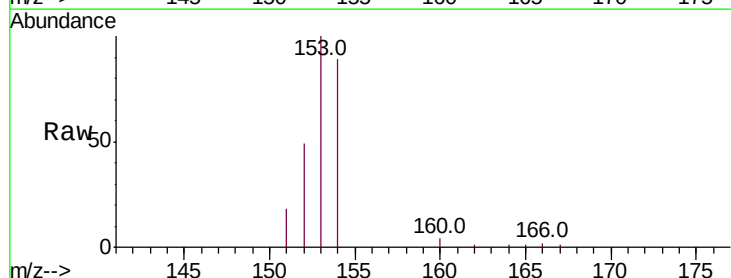
Tgt Ion:153 Resp: 8438

Ion Ratio Lower Upper

153 100

152 48.8 38.2 57.2

154 89.0 71.8 107.8

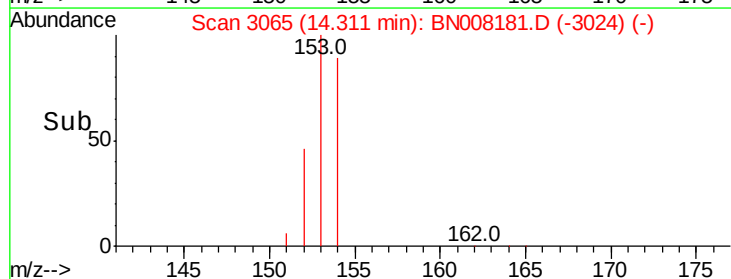
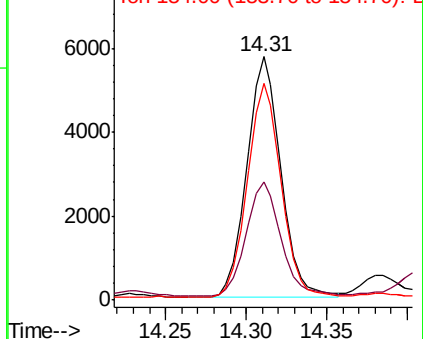


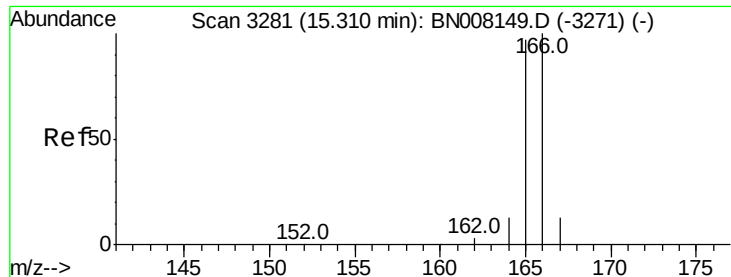
Abundance

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: 0.417 ng/ul

RT: 15.30 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BN008181.D

Acq: 15 Oct 2019 19:50

Instrument :

BNA_N

ClientSampleId :

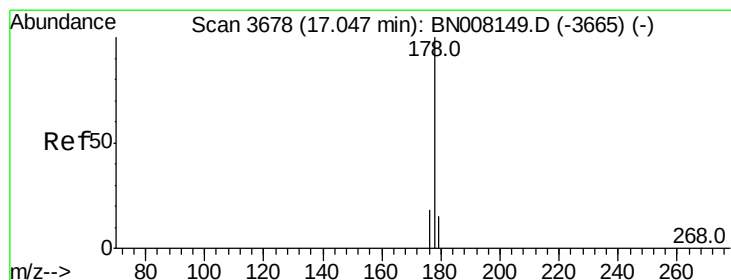
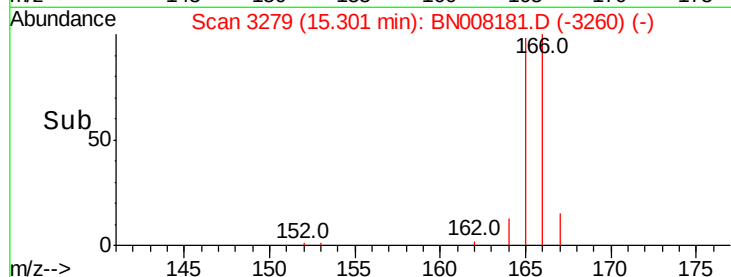
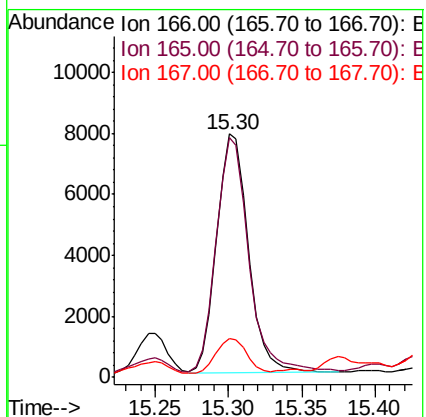
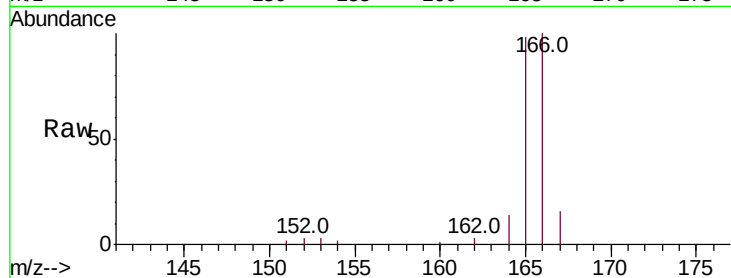
Tot Ion:166 Resp: 11746

Ion Ratio Lower Upper

166 100

165 98.3 76.6 115.0

167 16.0 11.7 17.5



#12

Phenanthrene

Concen: 0.021 ng/ul

RT: 17.13 min Scan# 3697

Delta R.T. 0.08 min

Lab File: BN008181.D

Acq: 15 Oct 2019 19:50

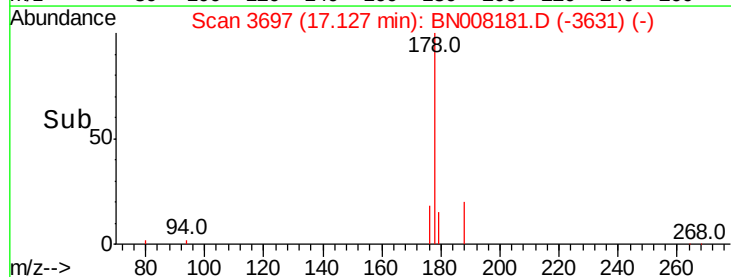
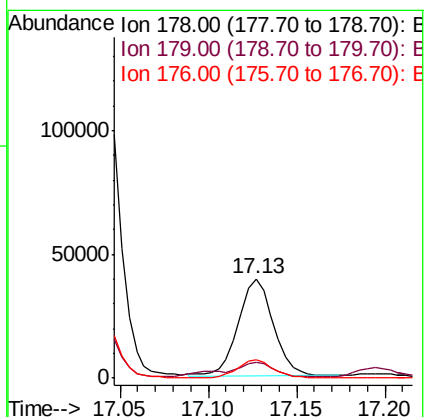
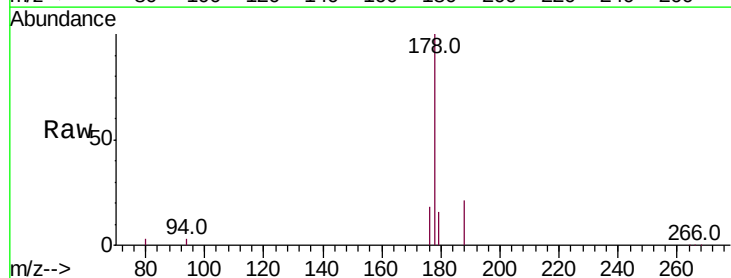
Tgt Ion:178 Resp: 54692

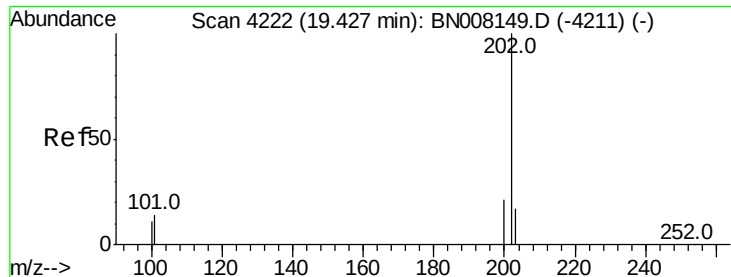
Ion Ratio Lower Upper

178 100

179 15.9 12.8 19.2

176 18.2 15.4 23.2





#17

Pvrene

Concen: 753.332 ng/ul

RT: 19.42 min Scan# 4221

Delta R.T. -0.01 min

Lab File: BN008181.D

Acq: 15 Oct 2019 19:50

Instrument :

BNA_N

ClientSampleId :

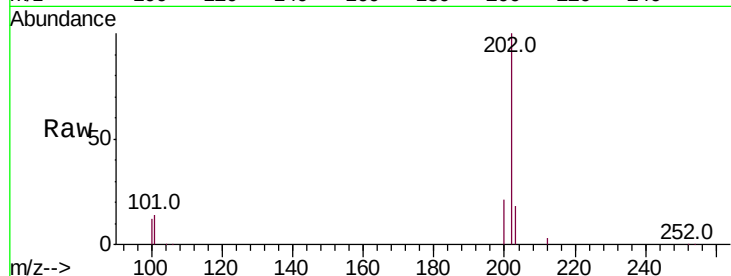
Tot Ion:202 Resp: 746883

Ion Ratio Lower Upper

202 100

101 14.4 10.9 16.3

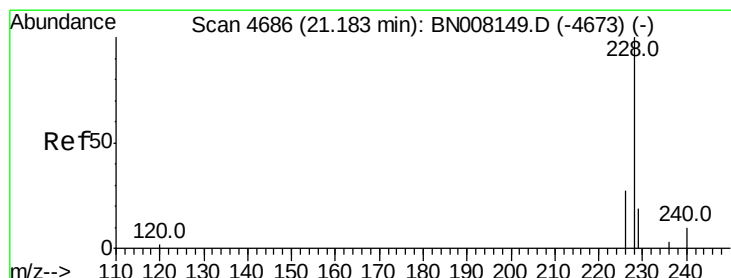
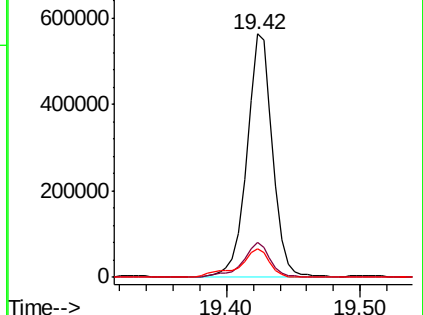
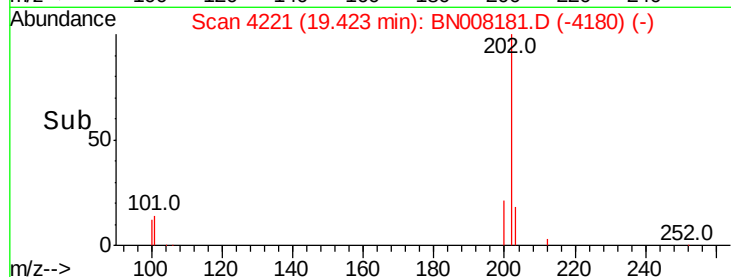
100 11.8 8.7 13.1



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: 549.599 ng/ul

RT: 21.23 min Scan# 4703

Delta R.T. 0.04 min

Lab File: BN008181.D

Acq: 15 Oct 2019 19:50

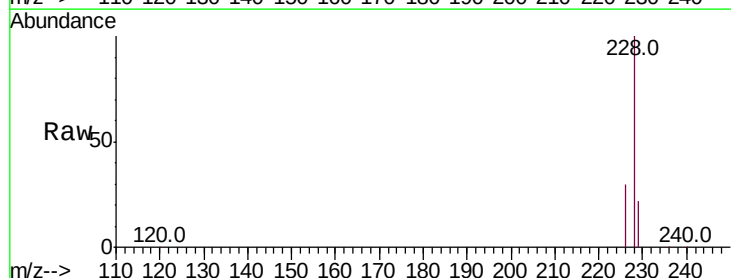
Tgt Ion:228 Resp: 497542

Ion Ratio Lower Upper

228 100

229 21.6 16.2 24.2

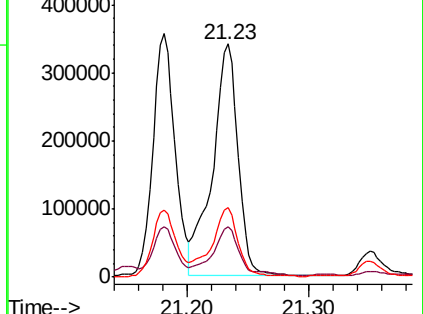
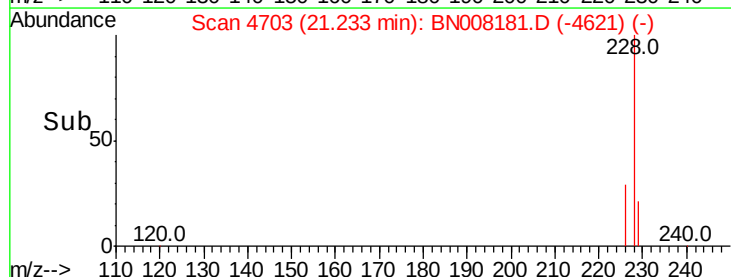
226 29.7 21.4 32.0

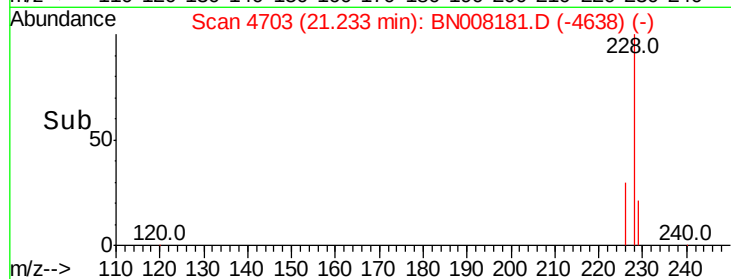
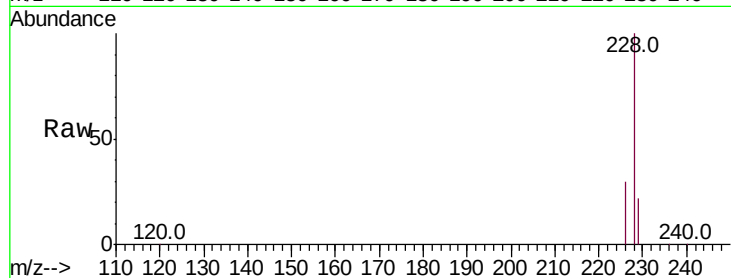
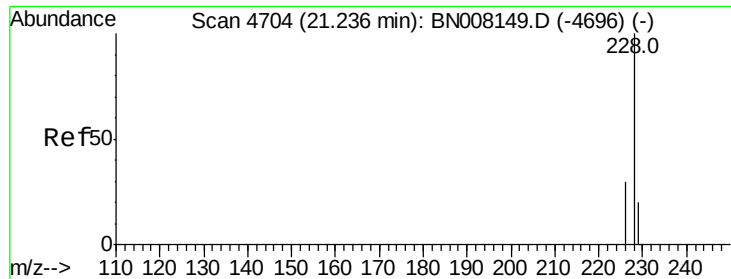


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 446.644 ng/ul

RT: 21.23 min Scan# 4703

Delta R.T. -0.01 min

Lab File: BN008181.D

Acq: 15 Oct 2019 19:50

Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 496207

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 21.6 16.2 24.2

