

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008103.D
 Acq On : 12 Oct 2019 08:47
 Operator : JU
 Sample : K5124-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 21:40:05 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

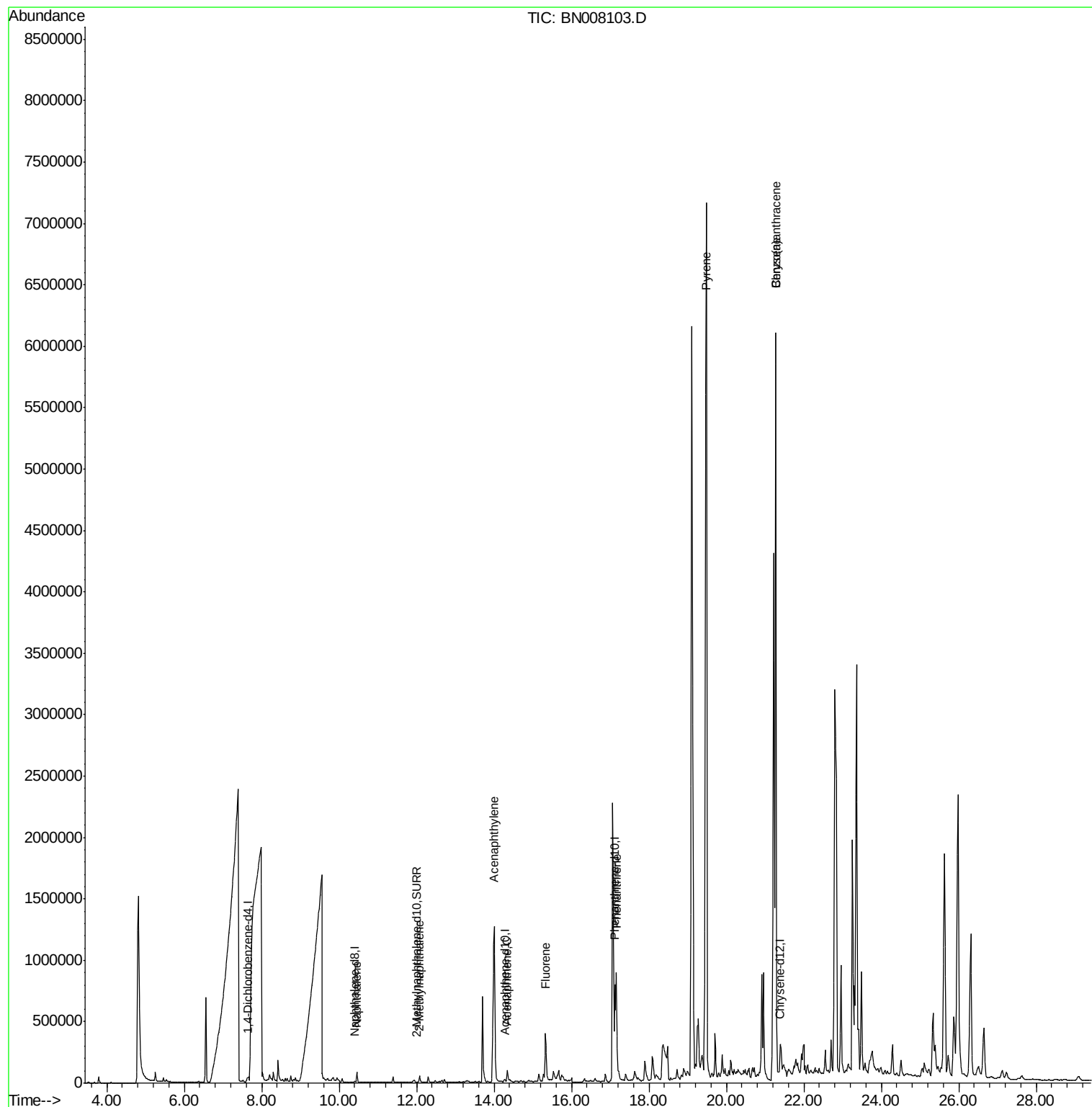
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3632	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	16733	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	11394	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	1125323	0.40	ng/ul	0.10
16) Chrysene-d12	21.36	240	7071	0.40	ng/ul	0.15
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.41
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	6509	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	20151	0.01	ng/ul	0.07
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	120664	2.533	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	41760	1.278	ng/ul	99
7) Acenaphthylene	14.00	152	2231038	41.110	ng/ul	99
8) Acenaphthene	14.34	153	75845	1.797	ng/ul	95
9) Fluorene	15.33	166	367074	7.660	ng/ul	99
12) Phenanthrene	17.15	178	1298481	0.394	ng/ul	98
17) Pyrene	19.48	202	10495695	372.789	ng/ul	98
18) Benzo(a)anthracene	21.27	228	6690969	260.270	ng/ul	92
19) Chrysene	21.27	228	6605489	209.373	ng/ul	96

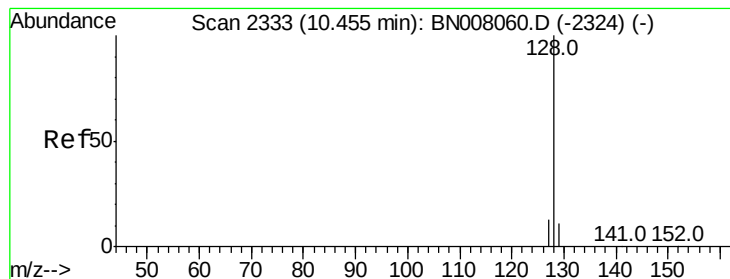
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 2.533 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN008103.D

Acq: 12 Oct 2019 08:47

Instrument :

BNA_N

ClientSampleId :

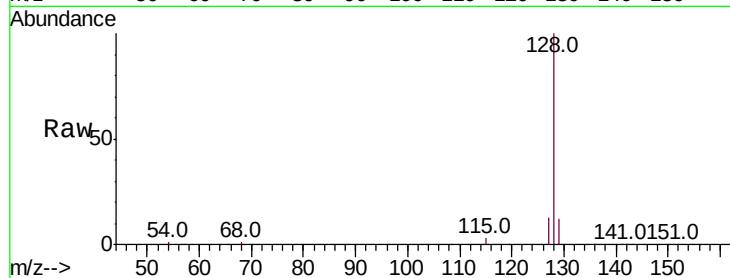
Tot Ion:128 Resp: 120664

Ion Ratio Lower Upper

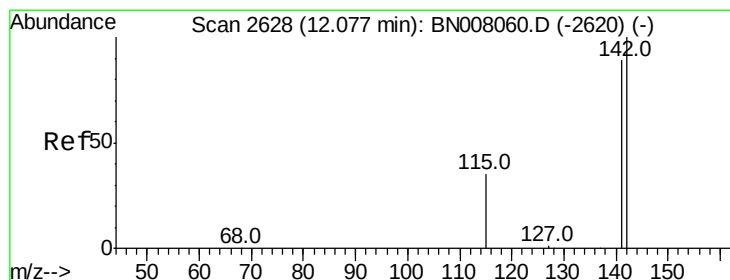
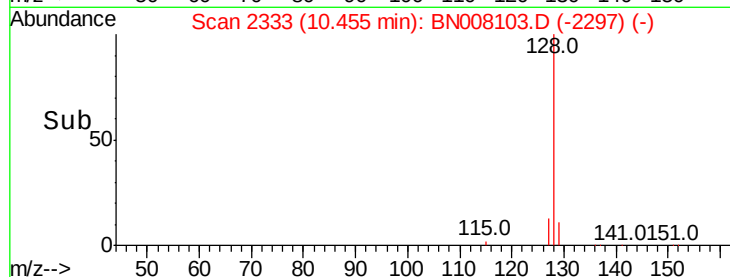
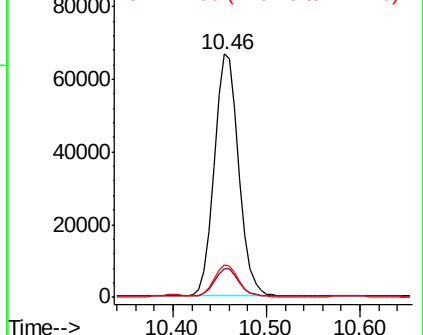
128 100

129 11.8 9.8 14.8

127 13.4 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: 1.278 ng/ul

RT: 12.08 min Scan# 2628

Delta R.T. 0.00 min

Lab File: BN008103.D

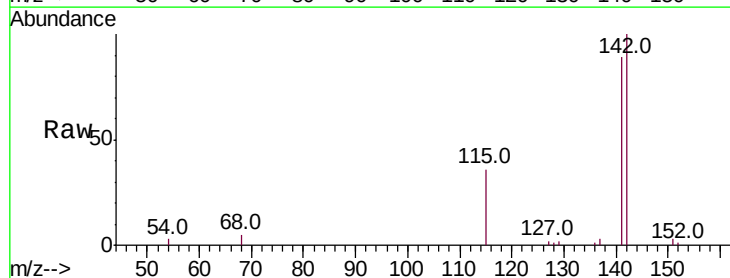
Acq: 12 Oct 2019 08:47

Tgt Ion:142 Resp: 41760

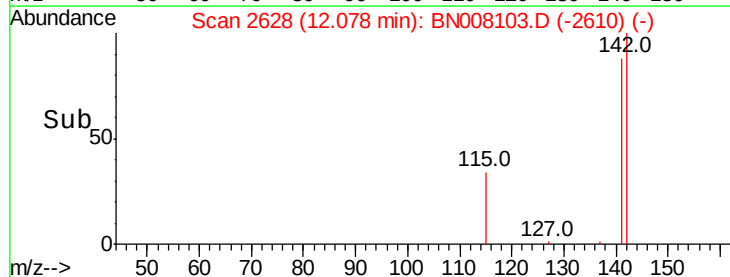
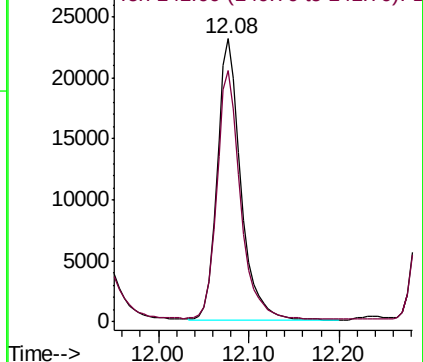
Ion Ratio Lower Upper

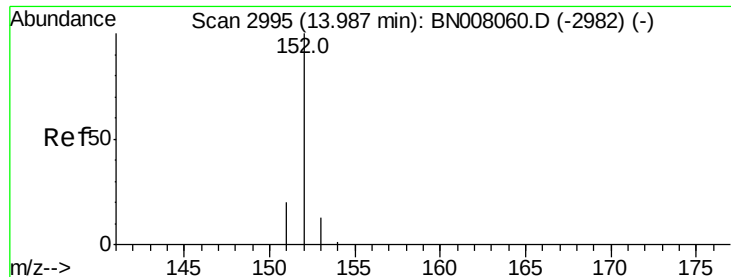
142 100

141 87.9 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: 41.110 ng/ul

RT: 14.00 min Scan# 2997

Delta R.T. 0.01 min

Lab File: BN008103.D

Acq: 12 Oct 2019 08:47

Instrument :

BNA_N

ClientSampleId :

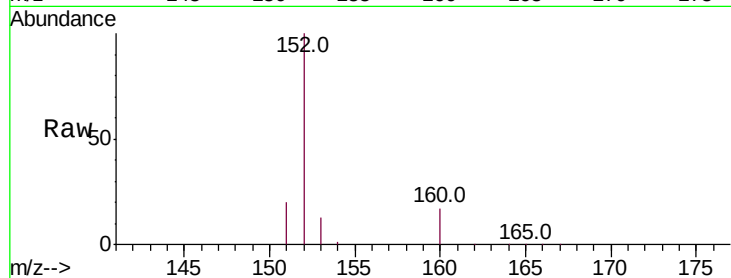
Tot Ion:152 Resp: 2231038

Ion Ratio Lower Upper

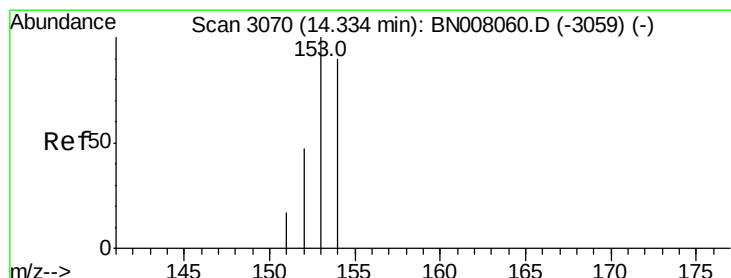
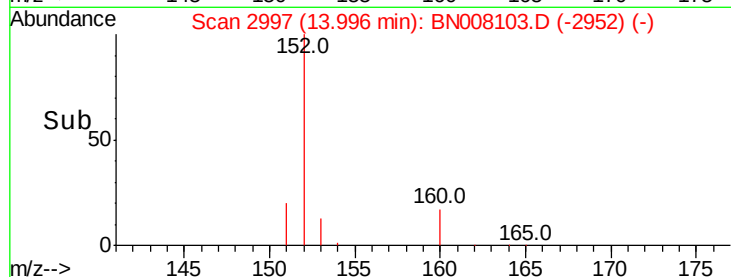
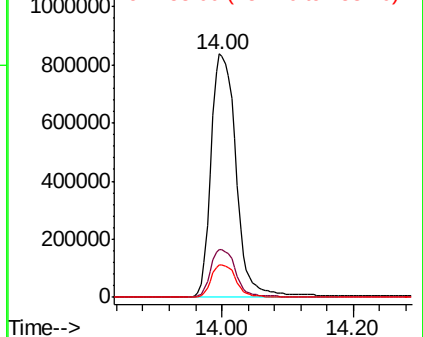
152 100

151 19.8 16.2 24.4

153 13.4 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: 1.797 ng/ul

RT: 14.34 min Scan# 3071

Delta R.T. 0.00 min

Lab File: BN008103.D

Acq: 12 Oct 2019 08:47

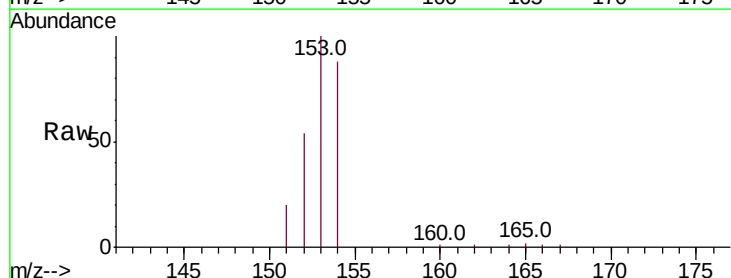
Tgt Ion:153 Resp: 75845

Ion Ratio Lower Upper

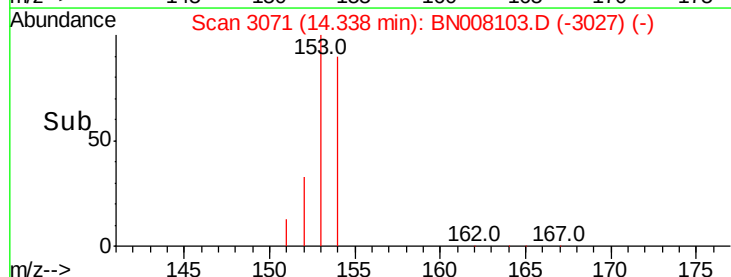
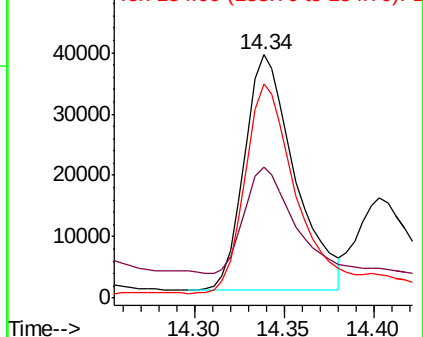
153 100

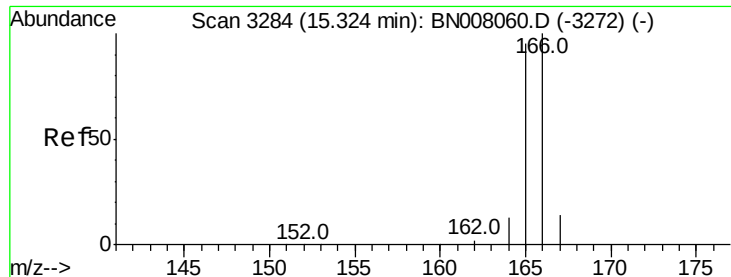
152 53.9 38.2 57.2

154 87.8 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: 7.660 ng/ul

RT: 15.33 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BN008103.D

Acq: 12 Oct 2019 08:47

Instrument :

BNA_N

ClientSampleId :

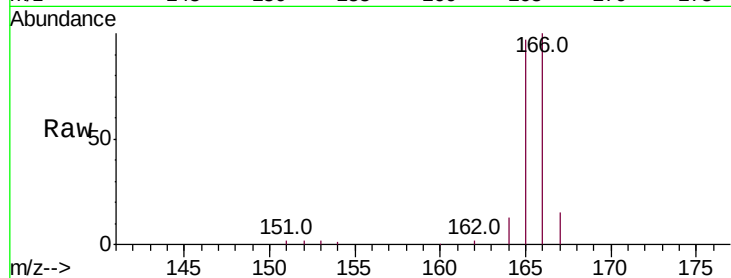
Tot Ion:166 Resp: 367074

Ion Ratio Lower Upper

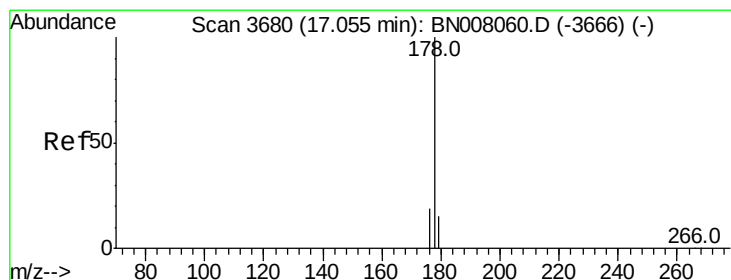
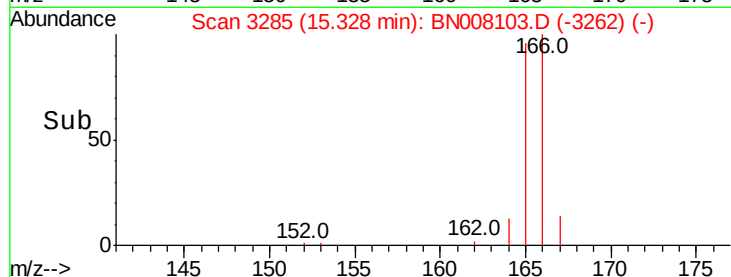
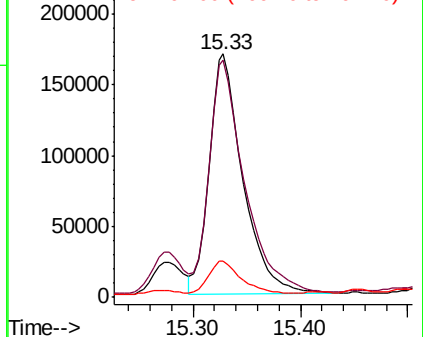
166 100

165 97.2 76.6 115.0

167 15.1 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: 0.394 ng/ul

RT: 17.15 min Scan# 3703

Delta R.T. 0.10 min

Lab File: BN008103.D

Acq: 12 Oct 2019 08:47

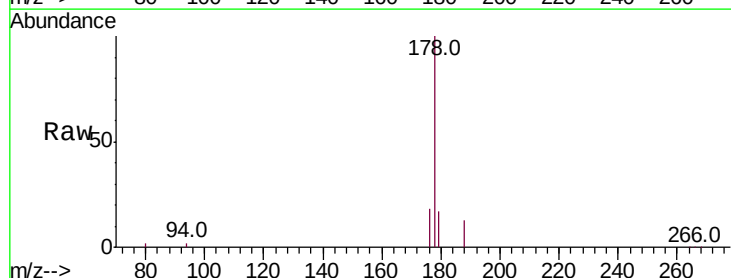
Tgt Ion:178 Resp: 1298481

Ion Ratio Lower Upper

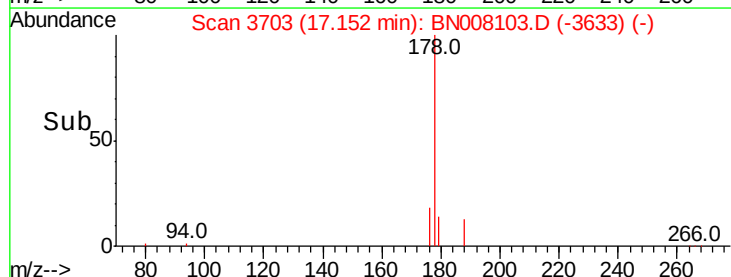
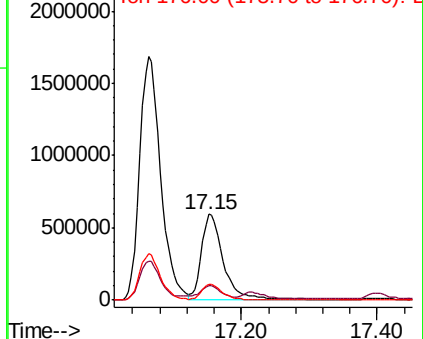
178 100

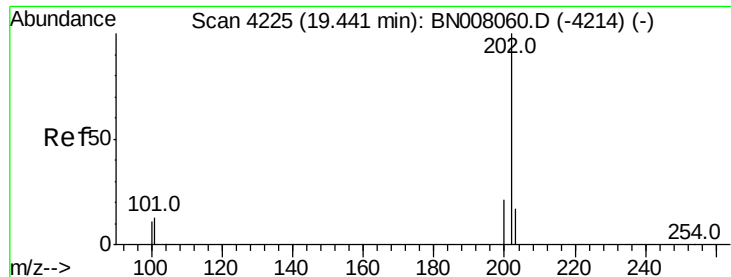
179 16.7 12.8 19.2

176 18.2 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

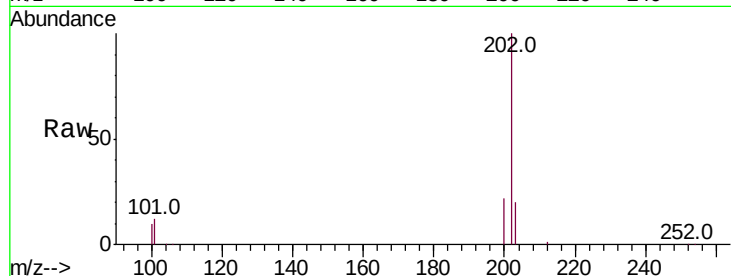




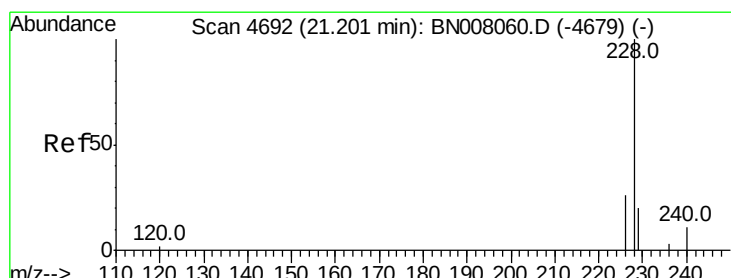
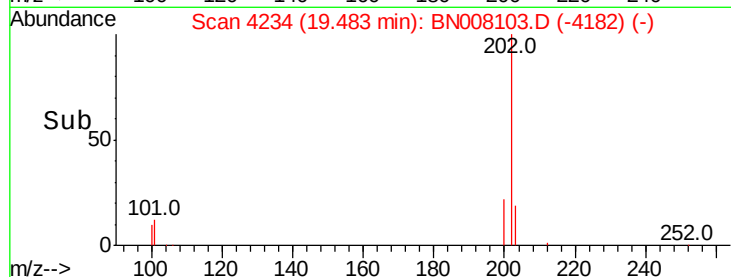
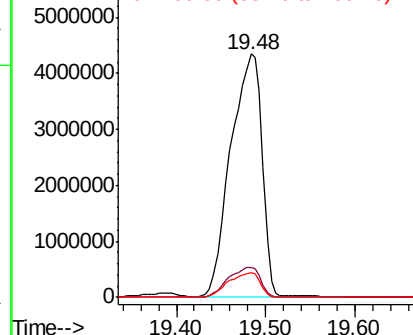
#17
 Pvrene
 Concen: 372.789 ng/ul
 RT: 19.48 min Scan# 4234
 Delta R.T. 0.04 min
 Lab File: BN008103.D
 Acq: 12 Oct 2019 08:47

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:202 Resp:10495695
 Ion Ratio Lower Upper
 202 100
 101 12.4 10.9 16.3
 100 10.1 8.7 13.1

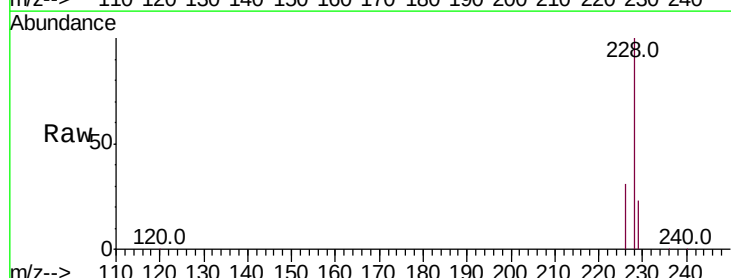


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

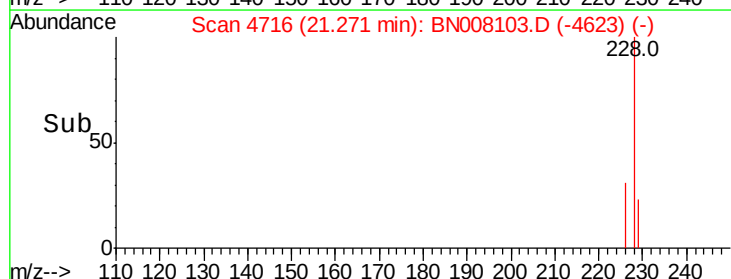
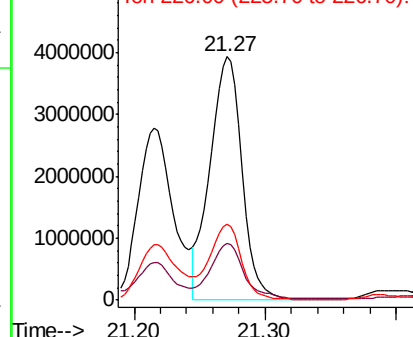


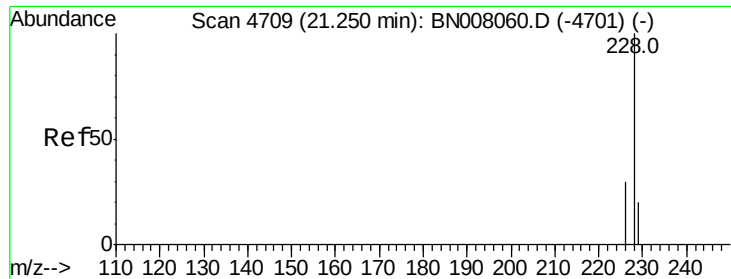
#18
 Benzo(a)anthracene
 Concen: 260.270 ng/ul
 RT: 21.27 min Scan# 4716
 Delta R.T. 0.07 min
 Lab File: BN008103.D
 Acq: 12 Oct 2019 08:47

Tgt Ion:228 Resp: 6690969
 Ion Ratio Lower Upper
 228 100
 229 23.4 16.2 24.2
 226 31.3 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: 209.373 ng/ul

RT: 21.27 min Scan# 4716

Delta R.T. 0.02 min

Lab File: BN008103.D

Acq: 12 Oct 2019 08:47

Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 6605489

Ion Ratio Lower Upper

228 100

226 31.3 24.1 36.1

229 23.4 16.2 24.2

