

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008123.D
 Acq On : 12 Oct 2019 22:31
 Operator : JU
 Sample : K5178-22
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 13 00:55:53 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

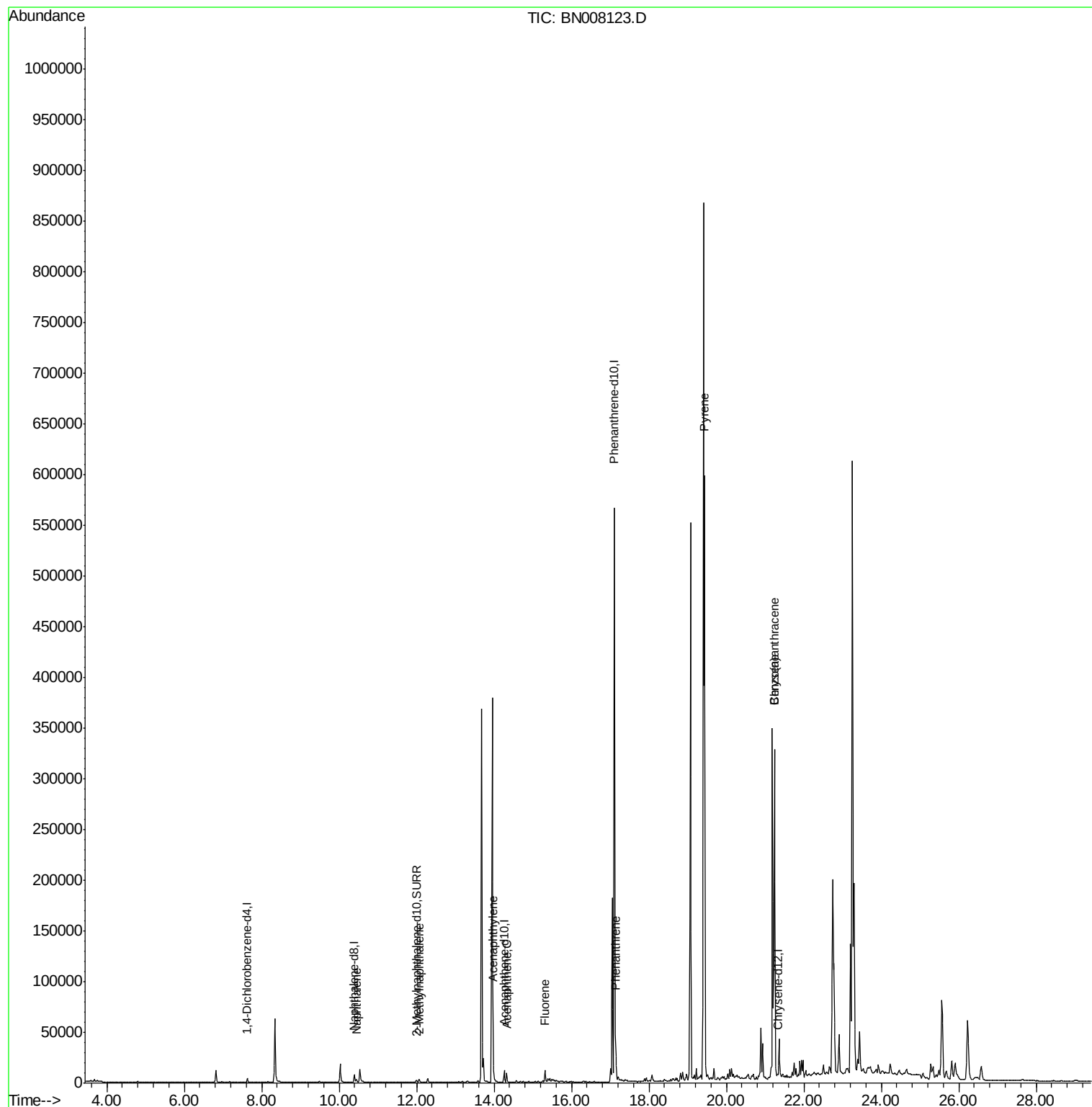
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2041	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	9978	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	6561	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	650430	0.40	ng/ul	0.09
16) Chrysene-d12	21.32	240	115	0.40	ng/ul	0.11
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.41
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2928	0.17	ng/ul	-0.01
14) Fluoranthene-d10	19.14	212	426	0.00	ng/ul	0.09
Target Compounds						
3) Naphthalene	10.44	128	4233	0.149	ng/ul	95
5) 2-Methylnaphthalene	12.07	142	2640	0.135	ng/ul	100
7) Acenaphthylene	13.98	152	15352	0.491	ng/ul	99
8) Acenaphthene	14.32	153	5471	0.225	ng/ul	99
9) Fluorene	15.31	166	7596	0.275	ng/ul	97
12) Phenanthrene	17.14	178	40188	0.021	ng/ul	98
17) Pyrene	19.43	202	487474	1064.601	ng/ul	99
18) Benzo(a)anthracene	21.24	228	313086	748.826	ng/ul	95
19) Chrysene	21.24	228	309009	602.242	ng/ul	98

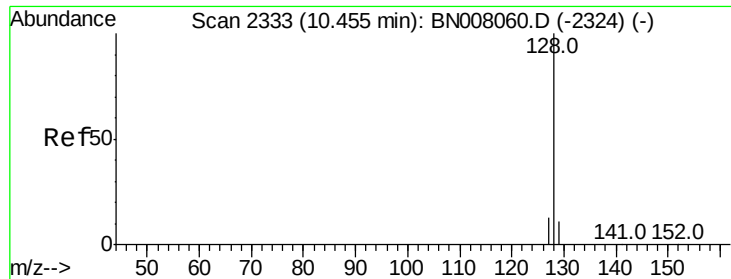
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.149 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN008123.D

Acq: 12 Oct 2019 22:31

Instrument :

BNA_N

ClientSampleId :

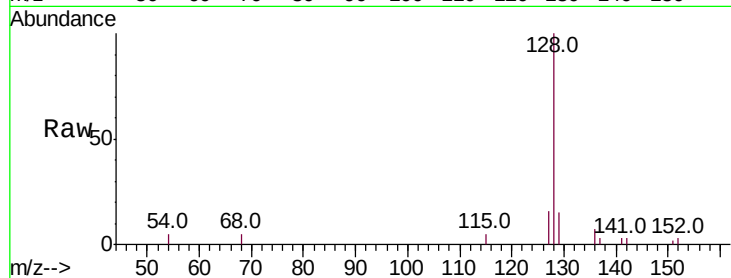
Tot Ion:128 Resp: 4233

Ion Ratio Lower Upper

128 100

129 14.6 9.8 14.8

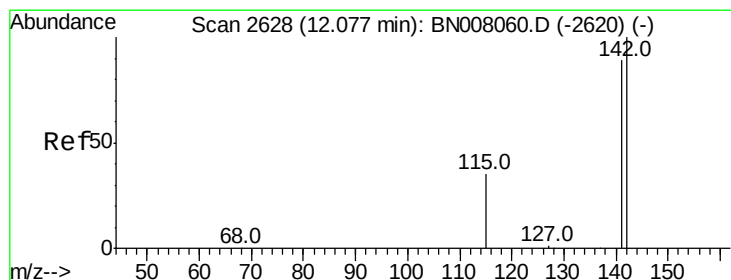
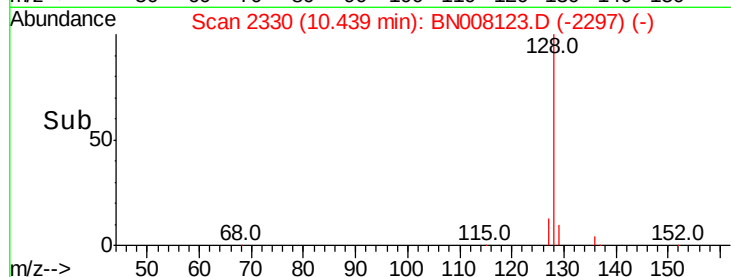
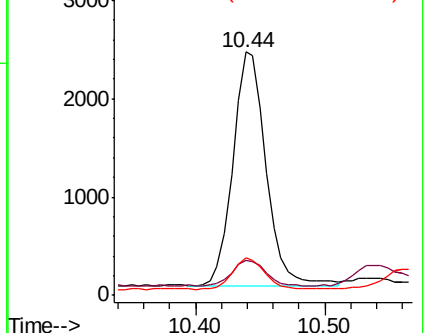
127 15.5 11.1 16.7



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: 0.135 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN008123.D

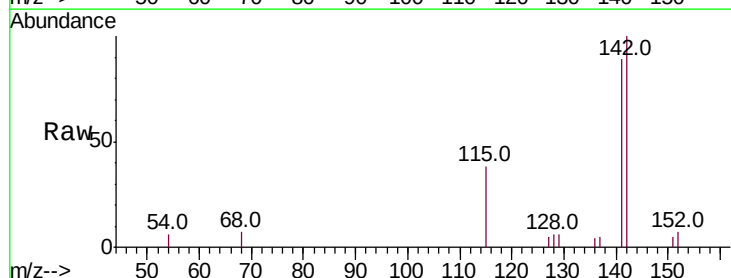
Acq: 12 Oct 2019 22:31

Tgt Ion:142 Resp: 2640

Ion Ratio Lower Upper

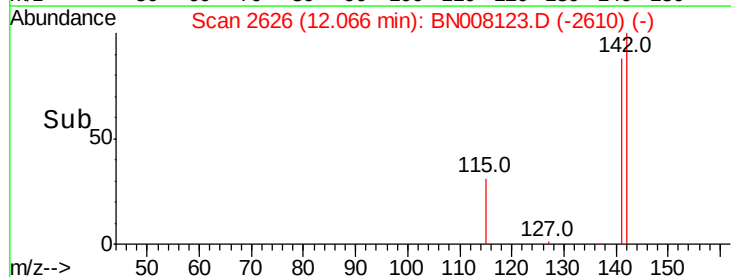
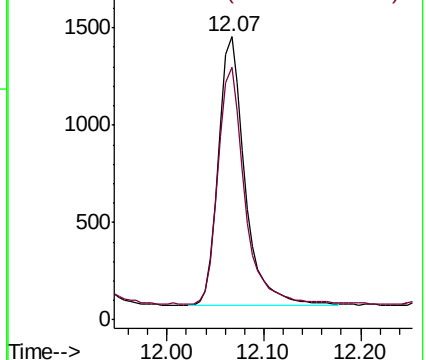
142 100

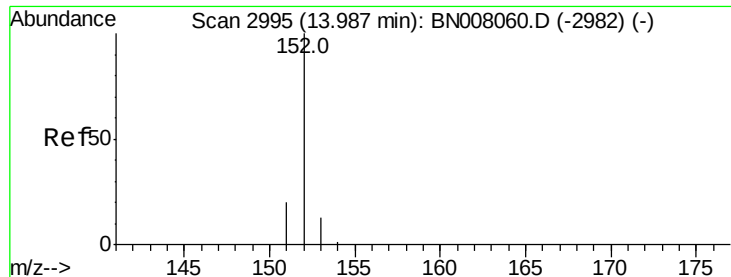
141 88.9 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.491 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008123.D

Acq: 12 Oct 2019 22:31

Instrument :

BNA_N

ClientSampleId :

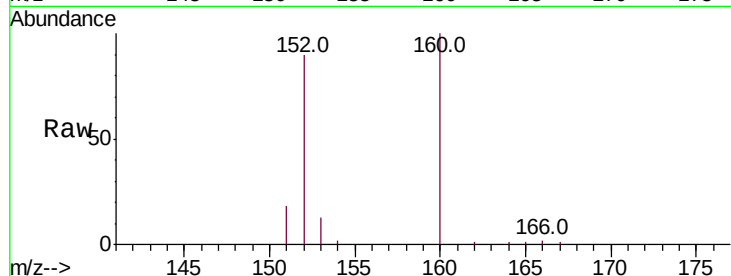
Tot Ion:152 Resp: 15352

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 14.0 11.0 16.4

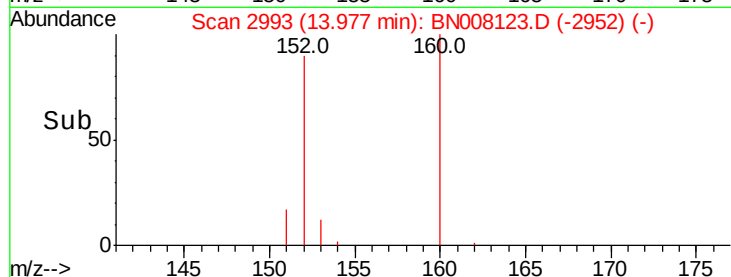
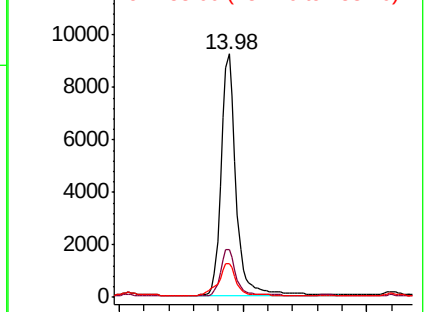


Abundance

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: 0.225 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN008123.D

Acq: 12 Oct 2019 22:31

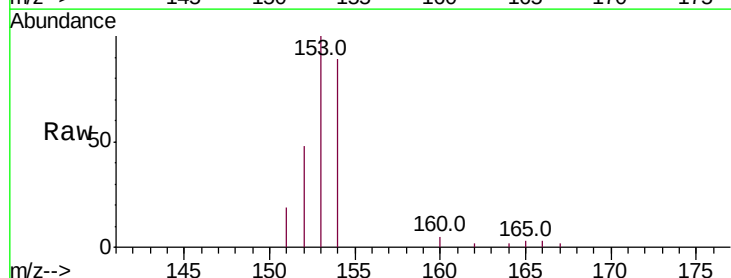
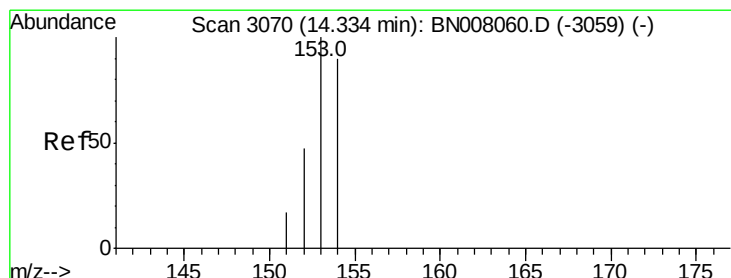
Tgt Ion:153 Resp: 5471

Ion Ratio Lower Upper

153 100

152 48.4 38.2 57.2

154 88.6 71.8 107.8

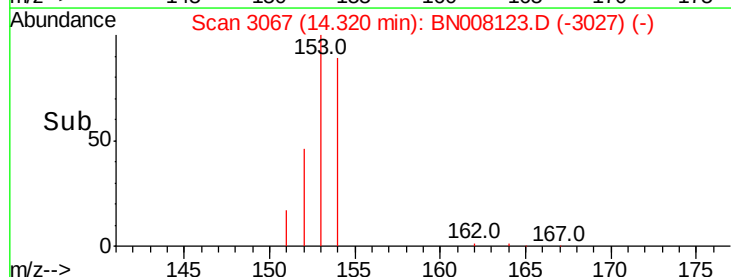
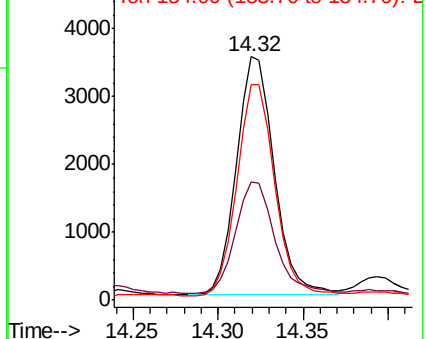


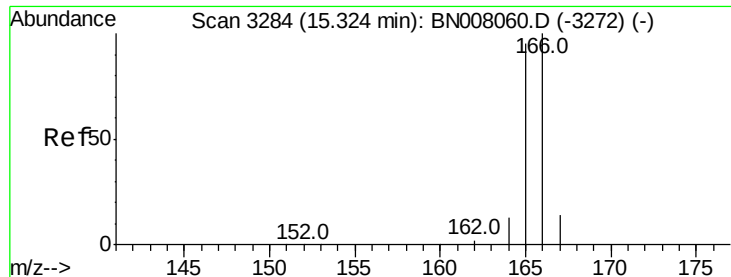
Abundance

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: 0.275 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN008123.D

Acq: 12 Oct 2019 22:31

Instrument :

BNA_N

ClientSampleId :

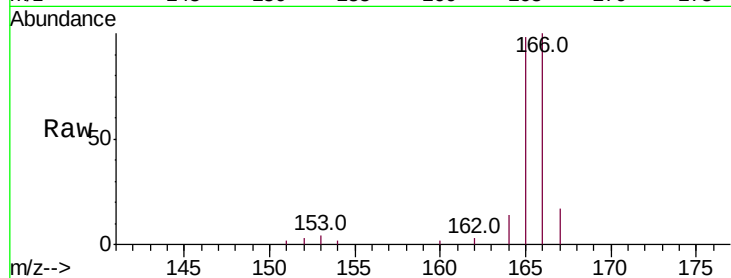
Tot Ion:166 Resp: 7596

Ion Ratio Lower Upper

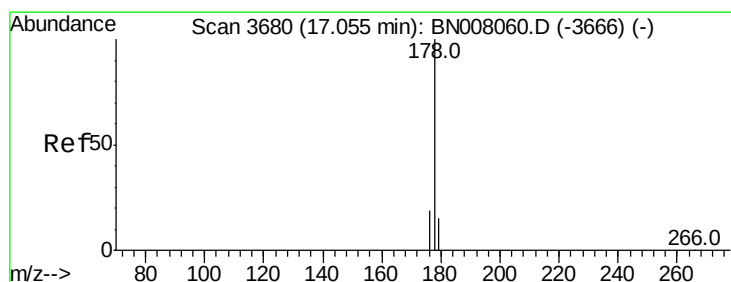
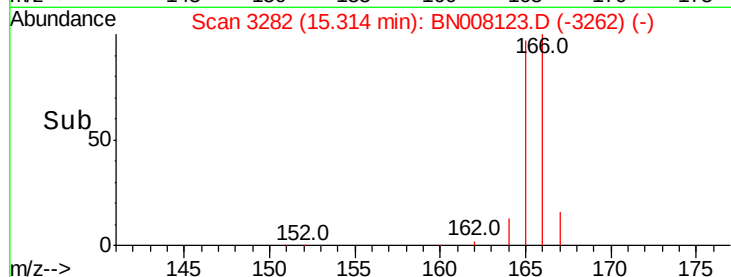
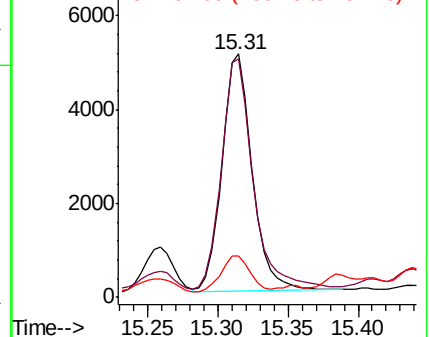
166 100

165 98.0 76.6 115.0

167 17.2 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: 0.021 ng/ul

RT: 17.14 min Scan# 3700

Delta R.T. 0.08 min

Lab File: BN008123.D

Acq: 12 Oct 2019 22:31

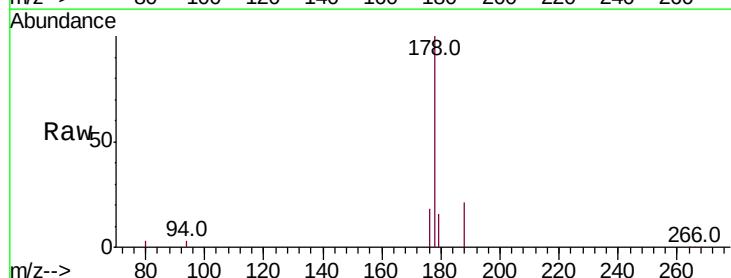
Tgt Ion:178 Resp: 40188

Ion Ratio Lower Upper

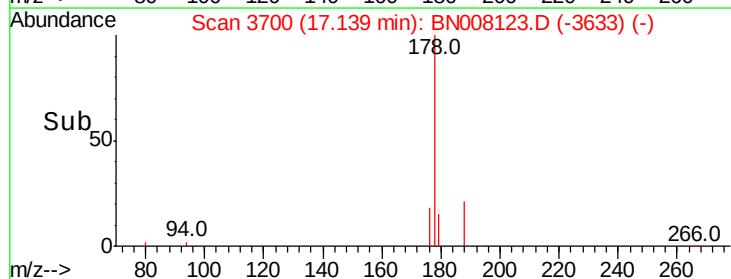
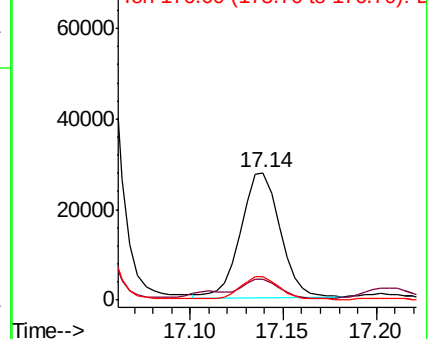
178 100

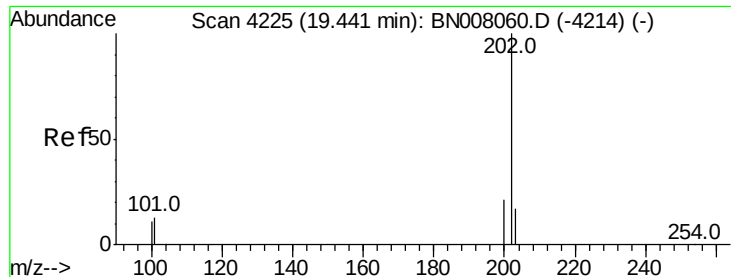
179 16.1 12.8 19.2

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: 1064.601 ng/ul

RT: 19.43 min Scan# 4223

Delta R.T. -0.01 min

Lab File: BN008123.D

Acq: 12 Oct 2019 22:31

Instrument :

BNA_N

ClientSampleId :

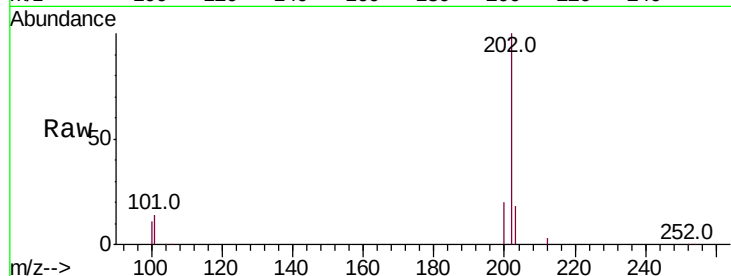
Tot Ion:202 Resp: 487474

Ion Ratio Lower Upper

202 100

101 13.7 10.9 16.3

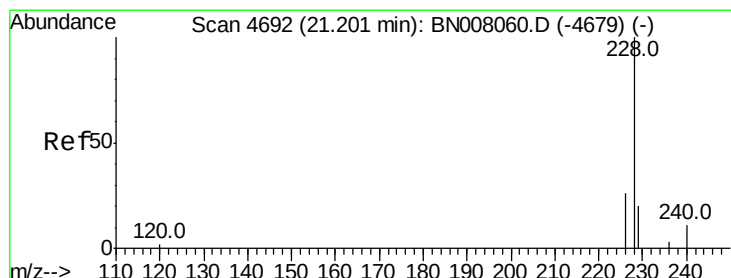
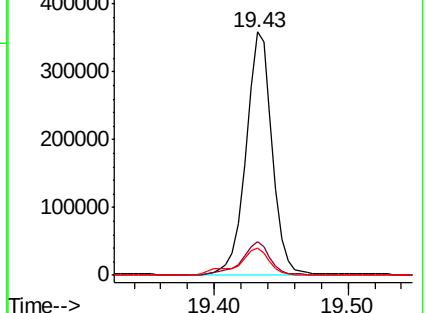
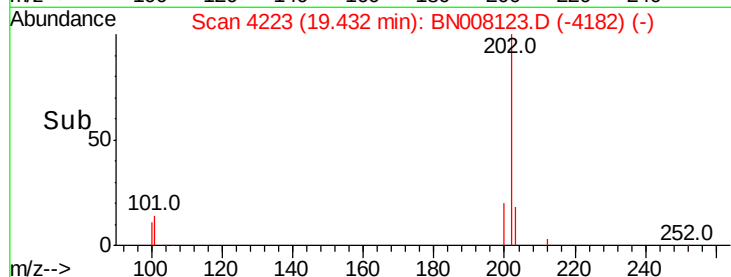
100 11.2 8.7 13.1



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: 748.826 ng/ul

RT: 21.24 min Scan# 4705

Delta R.T. 0.04 min

Lab File: BN008123.D

Acq: 12 Oct 2019 22:31

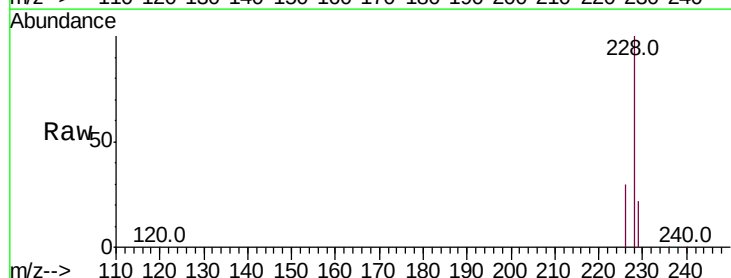
Tgt Ion:228 Resp: 313086

Ion Ratio Lower Upper

228 100

229 21.7 16.2 24.2

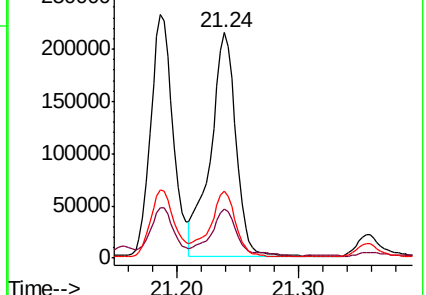
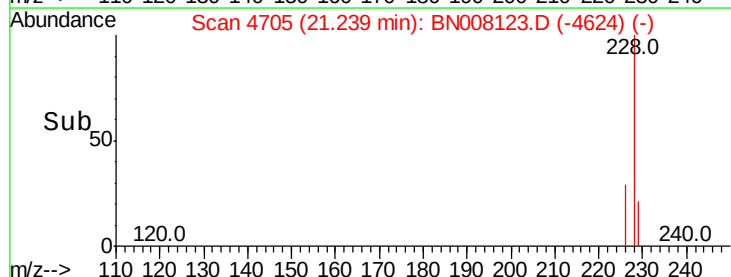
226 29.8 21.4 32.0

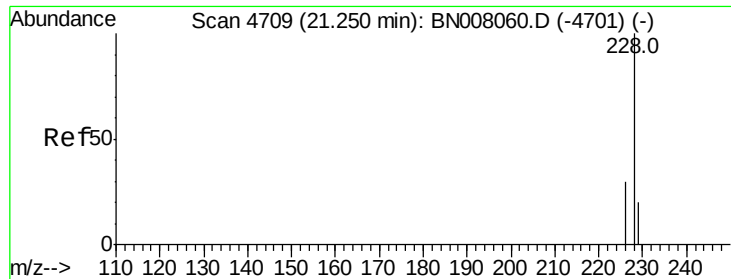


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 602.242 ng/ul

RT: 21.24 min Scan# 4705

Delta R.T. -0.01 min

Lab File: BN008123.D

Acq: 12 Oct 2019 22:31

Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 309009

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 21.7 16.2 24.2

