

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008120.D
 Acq On : 12 Oct 2019 19:32
 Operator : JU
 Sample : K5178-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 21:41:22 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

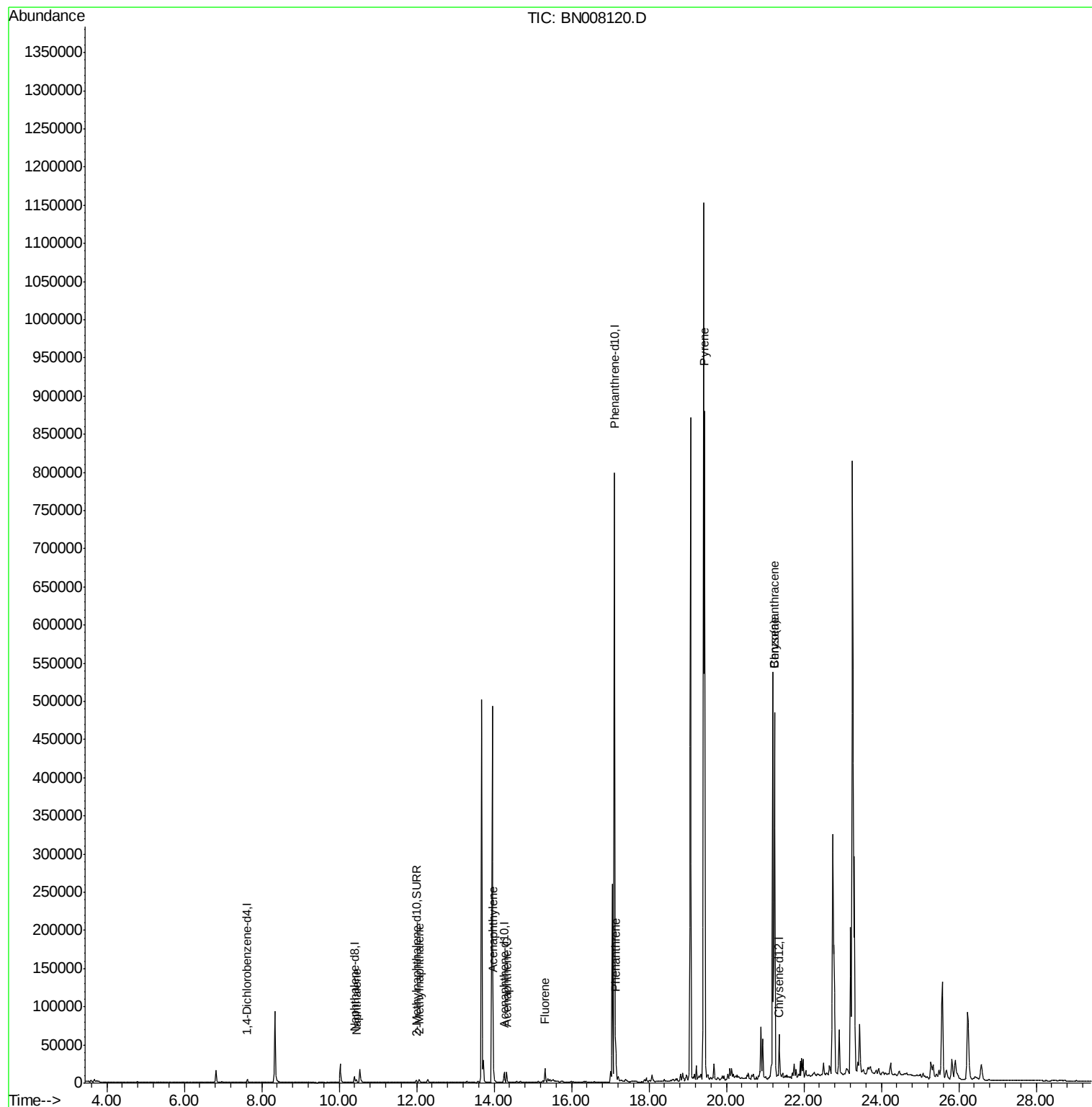
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2244	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	10977	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7190	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	890893	0.40	ng/ul	0.09
16) Chrysene-d12	21.34	240	288	0.40	ng/ul	0.12
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.41
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	3883	0.21	ng/ul	-0.01
14) Fluoranthene-d10	19.14	212	503	0.00	ng/ul	0.09
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	5614	0.180	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	3434	0.160	ng/ul	99
7) Acenaphthylene	13.98	152	24007	0.701	ng/ul	99
8) Acenaphthene	14.32	153	8227	0.309	ng/ul	100
9) Fluorene	15.31	166	11831	0.391	ng/ul	97
12) Phenanthrene	17.14	178	54725	0.021	ng/ul	99
17) Pyrene	19.44	202	711280	620.271	ng/ul	98
18) Benzo(a)anthracene	21.24	228	461118	440.387	ng/ul	96
19) Chrysene	21.24	228	459161	357.330	ng/ul	97

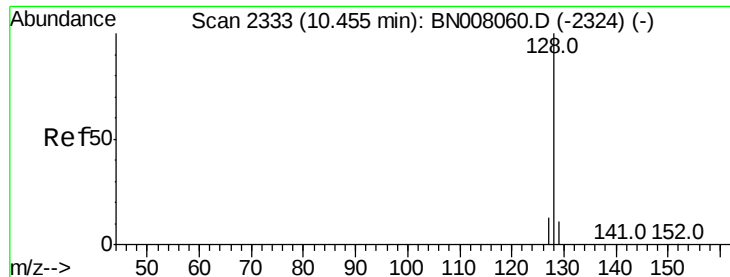
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 12 21:41:22 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





#3

Naphthalene

Concen: 0.180 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN008120.D

Acq: 12 Oct 2019 19:32

Instrument :

BNA_N

ClientSampleId :

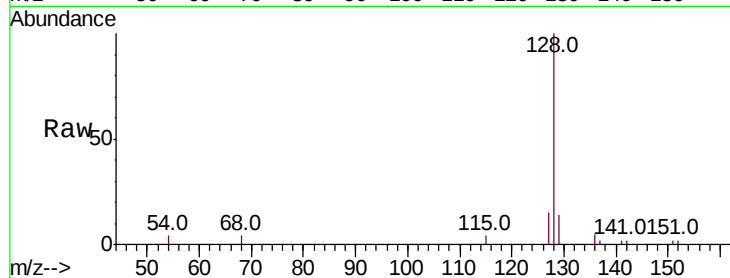
Tot Ion:128 Resp: 5614

Ion Ratio Lower Upper

128 100

129 13.6 9.8 14.8

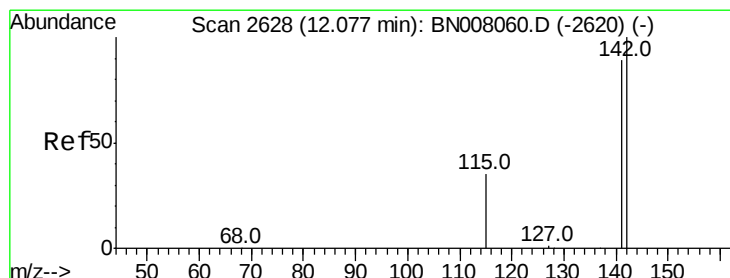
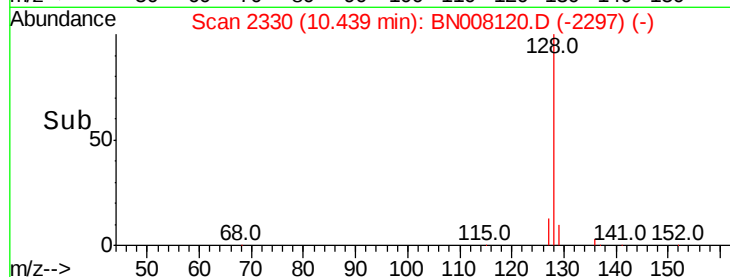
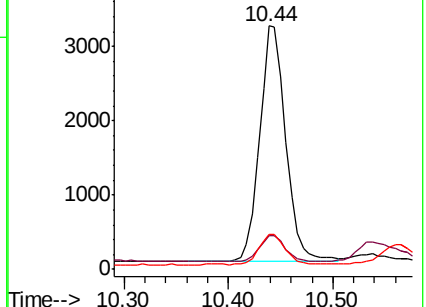
127 14.6 11.1 16.7



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: 0.160 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN008120.D

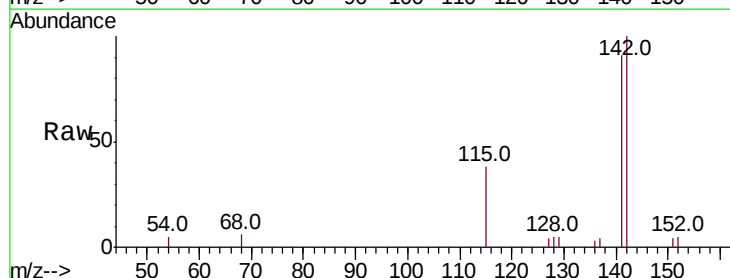
Acq: 12 Oct 2019 19:32

Tgt Ion:142 Resp: 3434

Ion Ratio Lower Upper

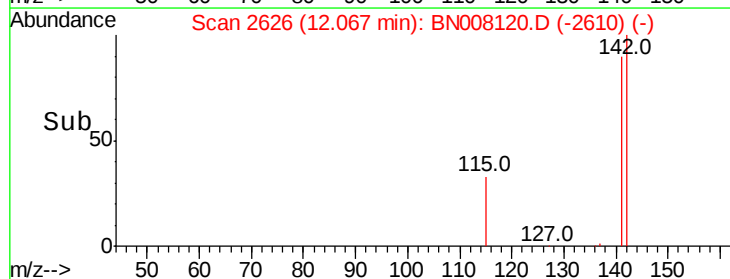
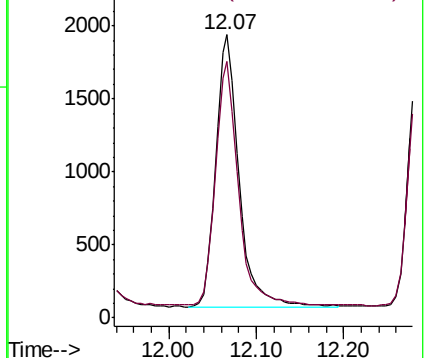
142 100

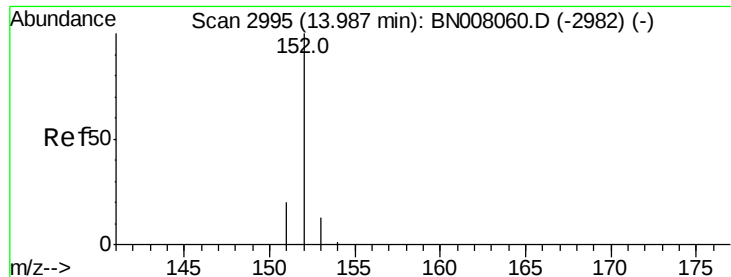
141 88.4 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.701 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008120.D

Acq: 12 Oct 2019 19:32

Instrument :

BNA_N

ClientSampleId :

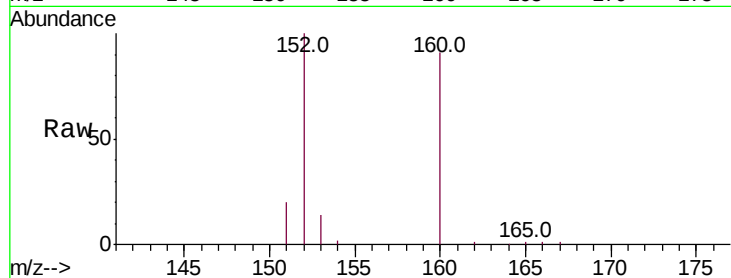
Tot Ion:152 Resp: 24007

Ion Ratio Lower Upper

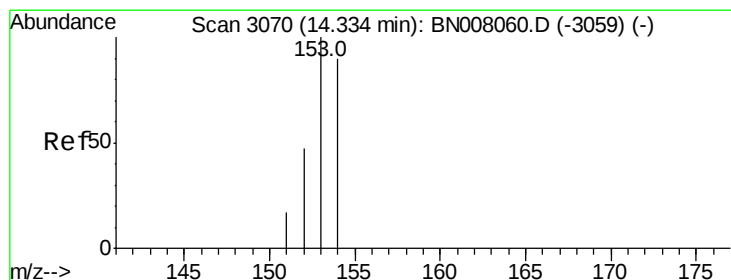
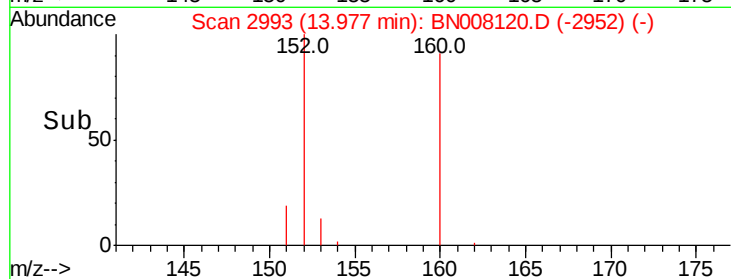
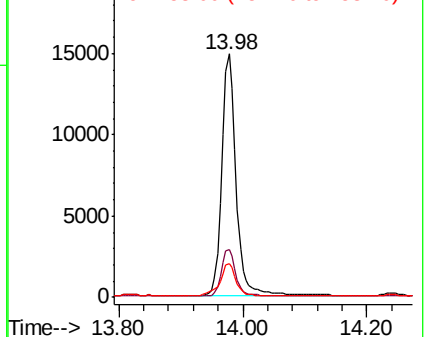
152 100

151 19.9 16.2 24.4

153 14.0 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
20000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.309 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN008120.D

Acq: 12 Oct 2019 19:32

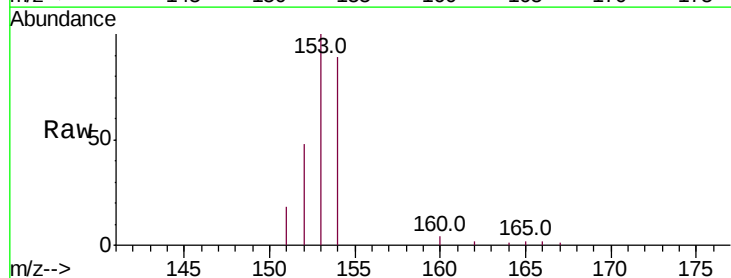
Tgt Ion:153 Resp: 8227

Ion Ratio Lower Upper

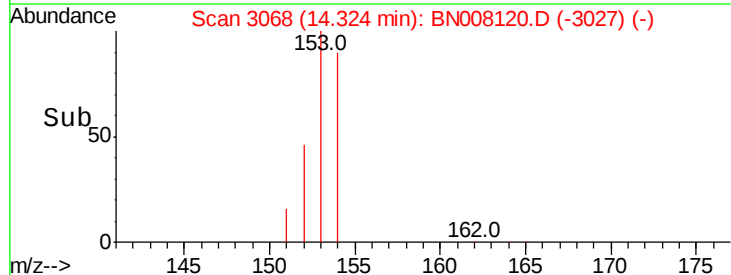
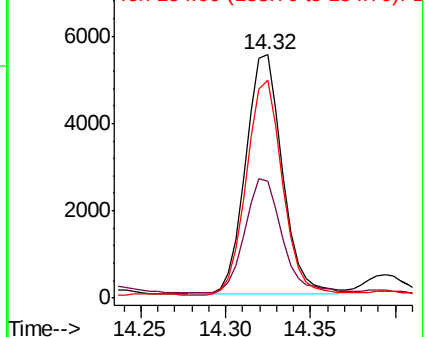
153 100

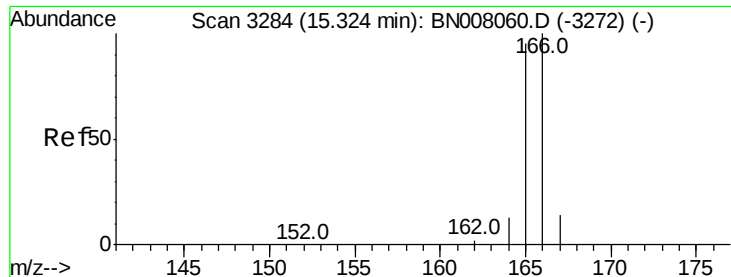
152 47.8 38.2 57.2

154 89.5 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: 0.391 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN008120.D

Acq: 12 Oct 2019 19:32

Instrument :

BNA_N

ClientSampled :

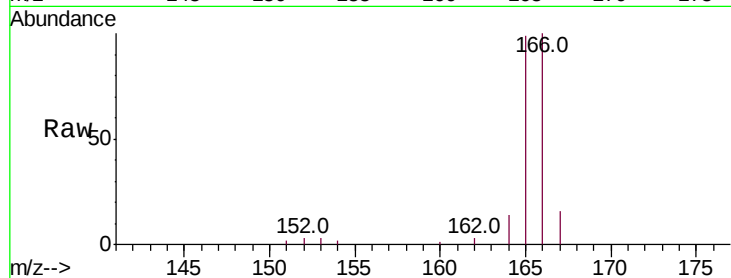
Tot Ion:166 Resp: 11831

Ion Ratio Lower Upper

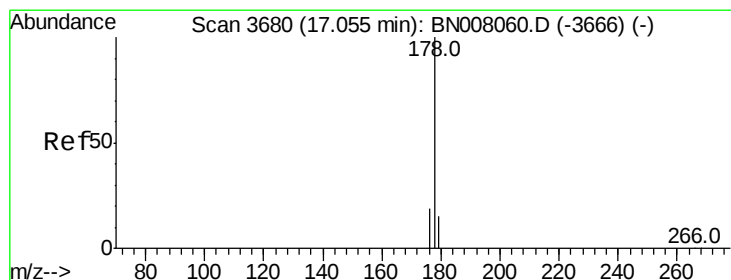
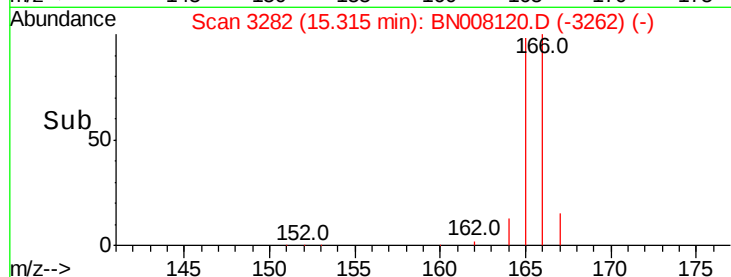
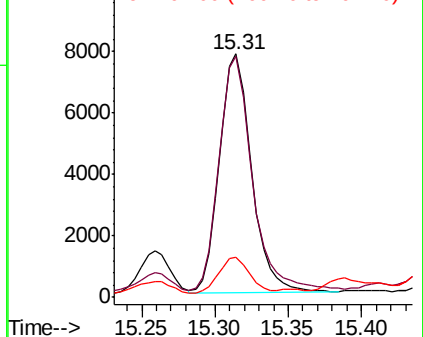
166 100

165 98.8 76.6 115.0

167 16.3 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: BN008120.D

Acq: 12 Oct 2019 19:32

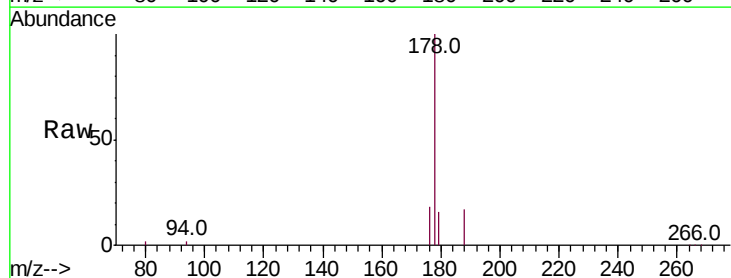
Tgt Ion:178 Resp: 54725

Ion Ratio Lower Upper

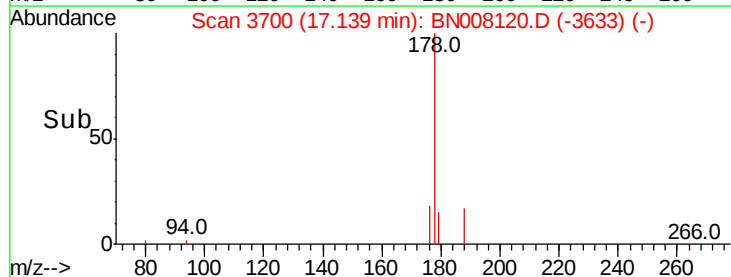
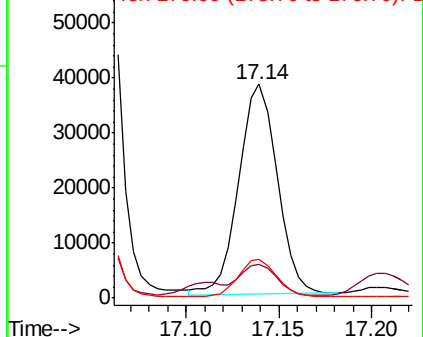
178 100

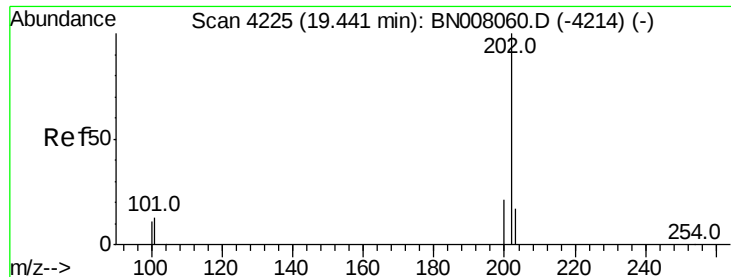
179 16.0 12.8 19.2

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

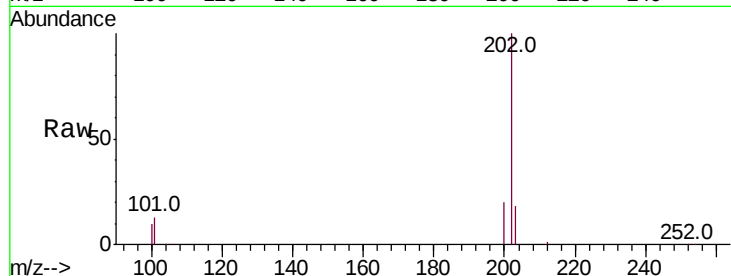




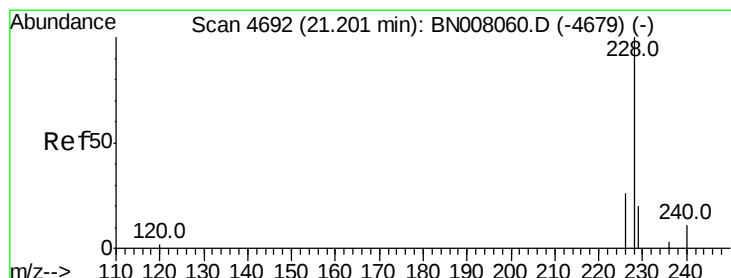
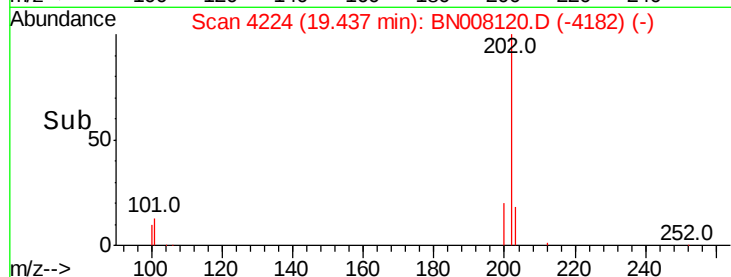
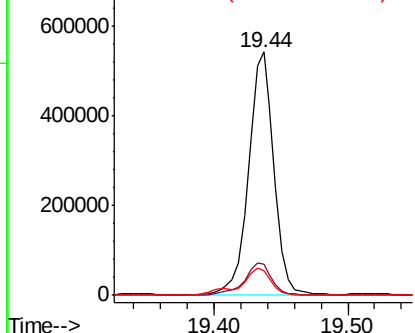
#17
Pvrene
Concen: 620.271 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 711280
Ion Ratio Lower Upper
202 100
101 12.6 10.9 16.3
100 10.1 8.7 13.1

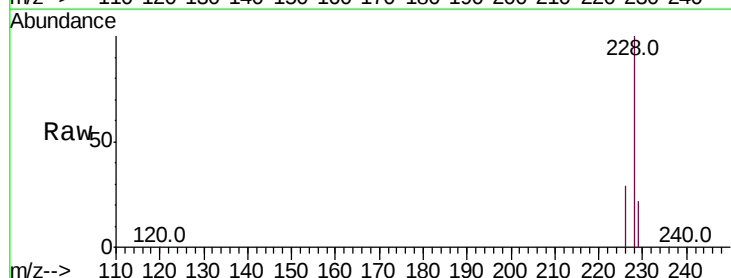


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

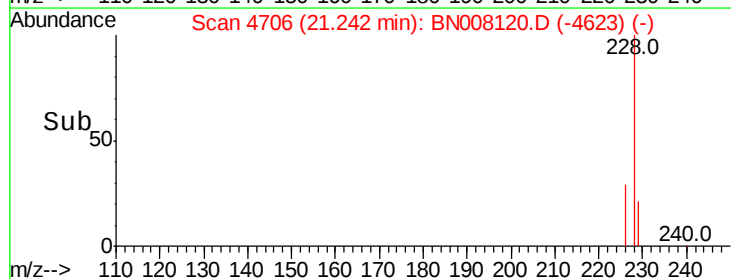
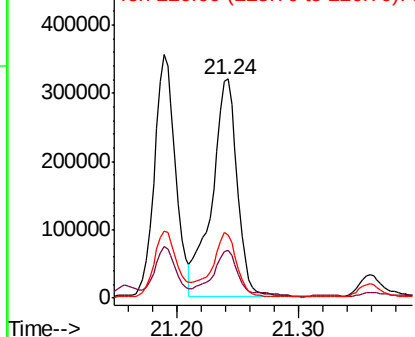


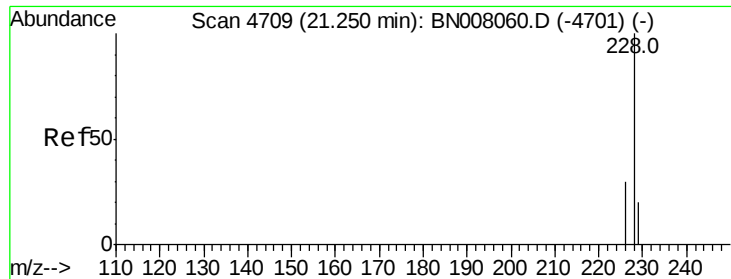
#18
Benzo(a)anthracene
Concen: 440.387 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. 0.04 min
Lab File: BN008120.D
Acq: 12 Oct 2019 19:32

Tgt Ion:228 Resp: 461118
Ion Ratio Lower Upper
228 100
229 21.9 16.2 24.2
226 29.1 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: 357.330 ng/ul

RT: 21.24 min Scan# 4706

Delta R.T. -0.01 min

Lab File: BN008120.D

Acq: 12 Oct 2019 19:32

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 228 Resp: 459161

Ion Ratio Lower Upper

228 100

226 29.1 24.1 36.1

229 21.9 16.2 24.2

