

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002491.D
 Acq On : 24 Aug 2018 06:07
 Operator : JU/SJ
 Sample : J4424-14DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 24 07:55:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 02:20:09 2018
 Response via : Initial Calibration

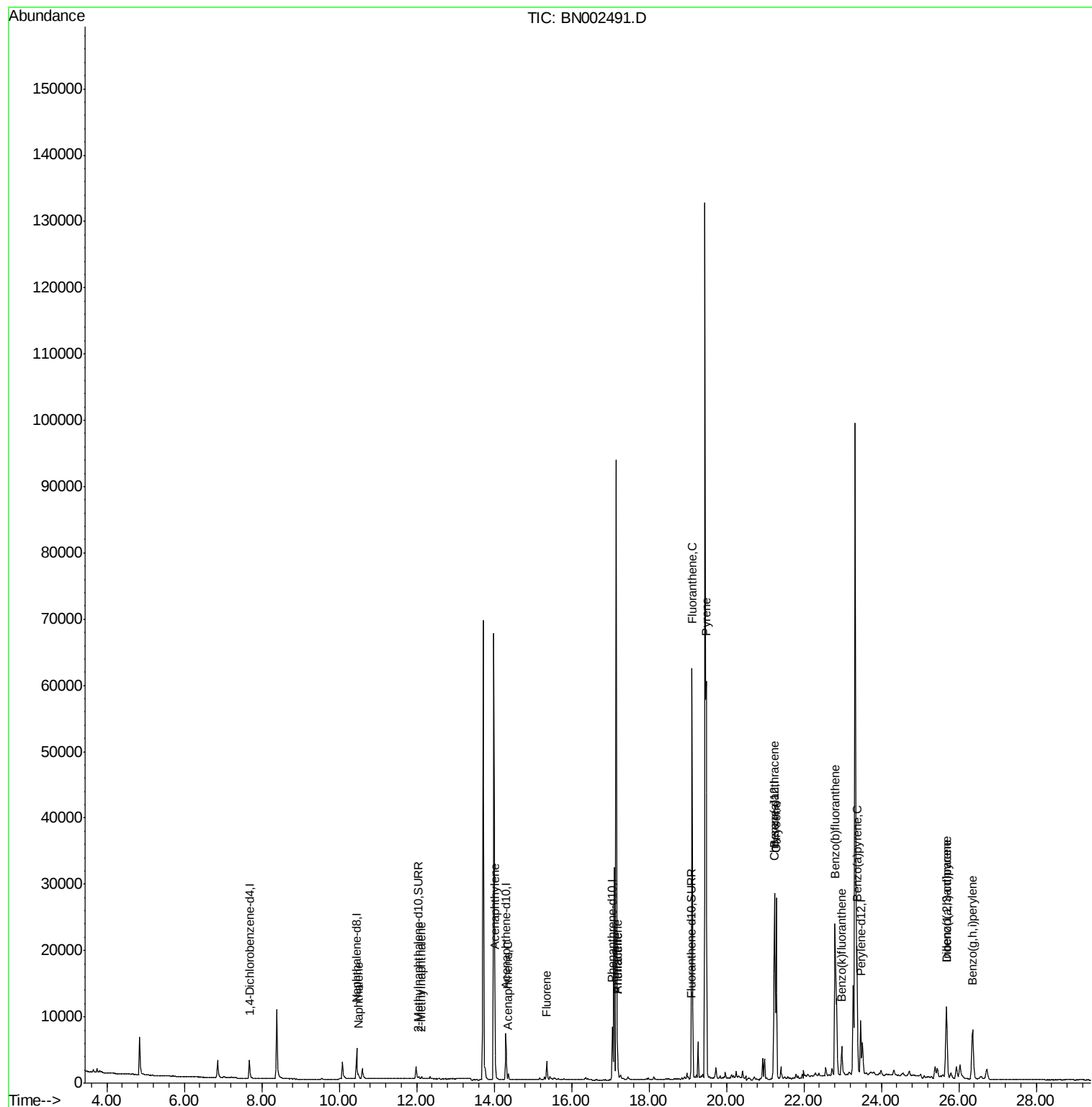
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1654	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	6822	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	3850	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	9384	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	10657	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	11401	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	541	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1459	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.50	128	1115	0.063	ng/ul#	84
5) 2-Methylnaphthalene	12.13	142	313	0.026	ng/ul	97
7) Acenaphthylene	14.02	152	5253	0.291	ng/ul	97
8) Acenaphthene	14.37	153	550	0.040	ng/ul#	93
9) Fluorene	15.36	166	1916	0.122	ng/ul	96
12) Phenanthrene	17.19	178	5216	0.188	ng/ul	93
13) Anthracene	17.19	178	5118	0.215	ng/ul	94
15) Fluoranthene	19.11	202	54986	1.685	ng/ul	96
17) Pyrene	19.48	202	49033	1.349	ng/ul	97
18) Benzo(a)anthracene	21.23	228	22411	0.703	ng/ul#	83
19) Chrysene	21.29	228	26232	0.728	ng/ul	98
21) Benzo(b)fluoranthene	22.81	252	50371	1.230	ng/ul	88
22) Benzo(k)fluoranthene	22.98	252	4243	0.100	ng/ul	97
23) Benzo(a)pyrene	23.37	252	24783	0.644	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.68	276	17303	0.431	ng/ul#	79
25) Dibenzo(a,h)anthracene	25.69	278	4252	0.134	ng/ul	98
26) Benzo(a,h,i)perylene	26.36	276	15830	0.460	ng/ul	96

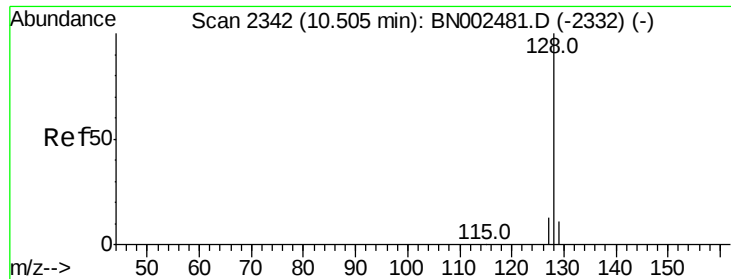
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
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#3

Naphthalene

Concen: 0.063 ng/ul

RT: 10.50 min Scan# 2341

Delta R.T. -0.01 min

Lab File: BN002491.D

Acq: 24 Aug 2018 06:07

Instrument :

BNA_N

ClientSampleId :

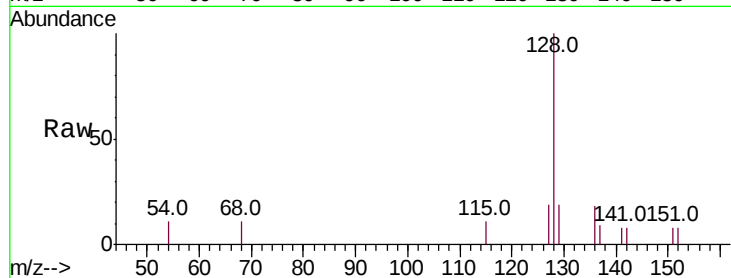
Tot Ion:128 Resp: 1115

Ion Ratio Lower Upper

128 100

129 18.6 8.0 12.0#

127 19.3 12.0 18.0#



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

10.50

800

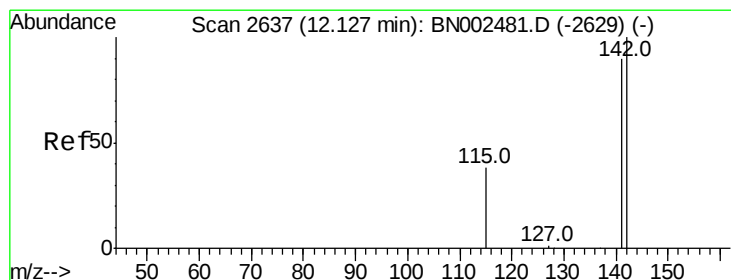
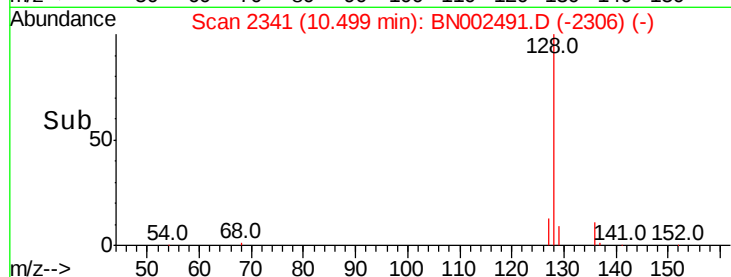
600

400

200

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.026 ng/ul

RT: 12.13 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BN002491.D

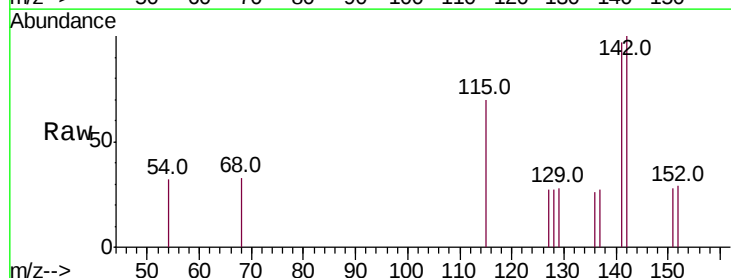
Acq: 24 Aug 2018 06:07

Tgt Ion:142 Resp: 313

Ion Ratio Lower Upper

142 100

141 93.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.13

200

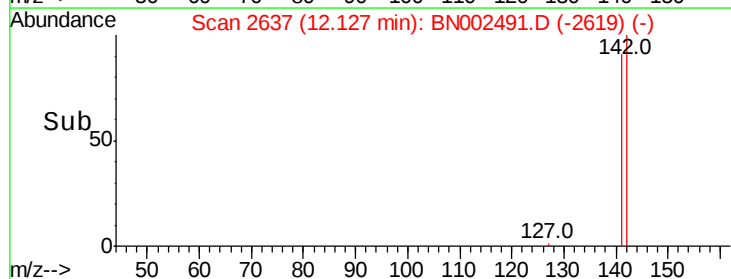
150

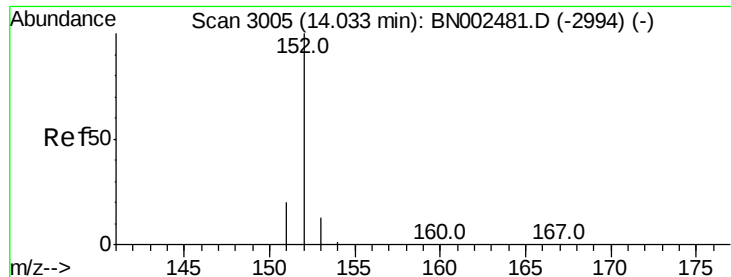
100

50

0

Time-->





#7

Acenaphthylene

Concen: 0.291 ng/ul

RT: 14.02 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BN002491.D

Acq: 24 Aug 2018 06:07

Instrument :

BNA_N

ClientSampleId :

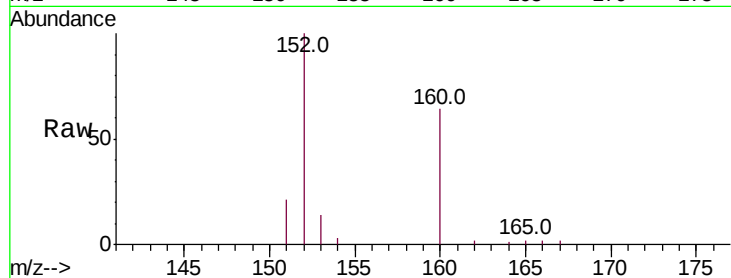
Tot Ion:152 Resp: 5253

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

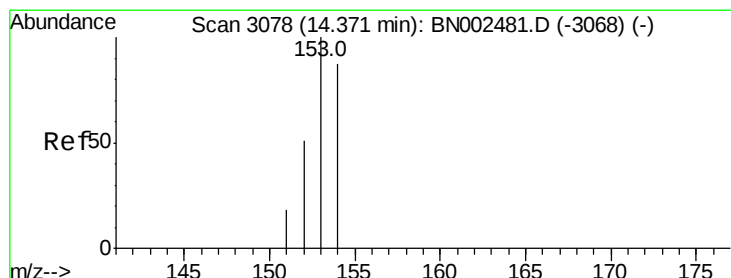
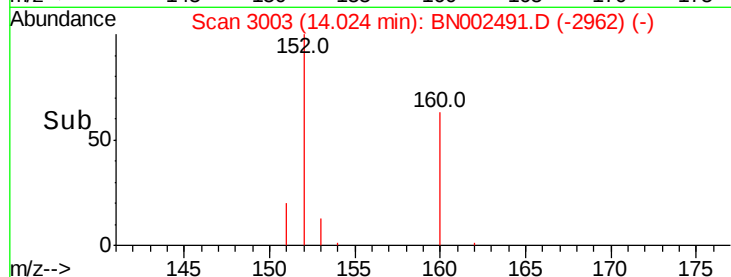
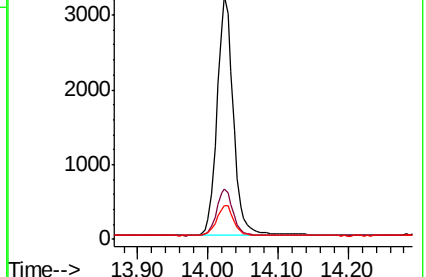
153 14.1 12.8 19.2



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: 0.040 ng/ul

RT: 14.37 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BN002491.D

Acq: 24 Aug 2018 06:07

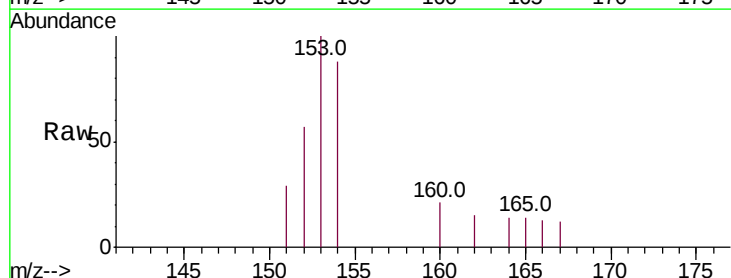
Tgt Ion:153 Resp: 550

Ion Ratio Lower Upper

153 100

152 57.0 36.0 54.0#

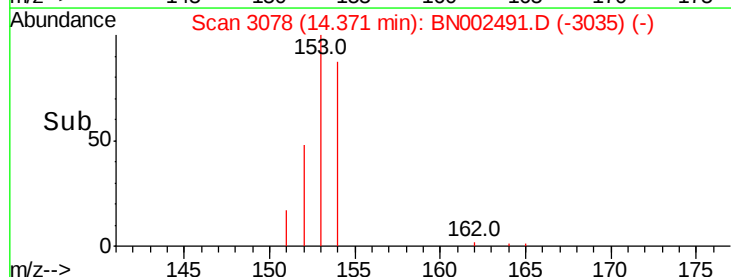
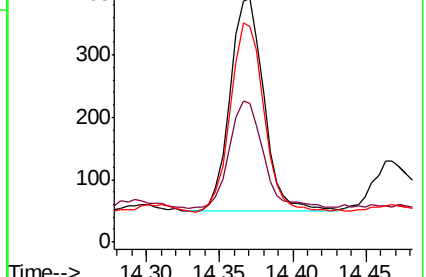
154 88.2 72.0 108.0

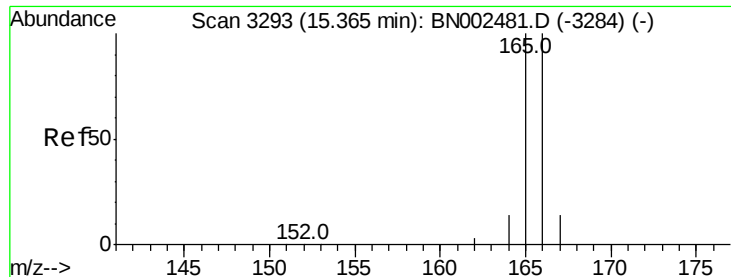


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

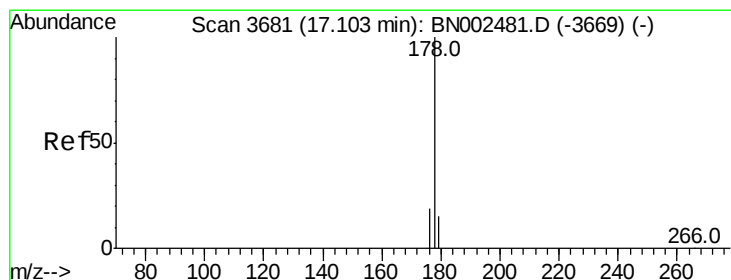
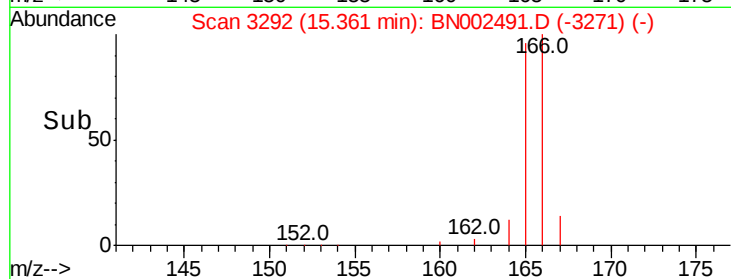
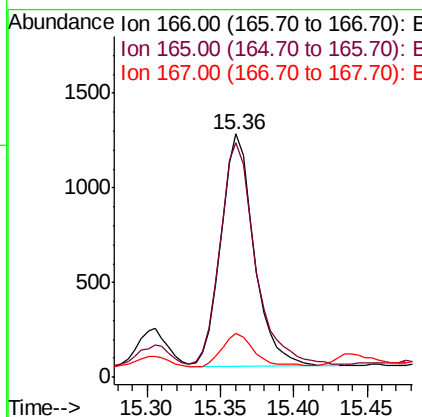
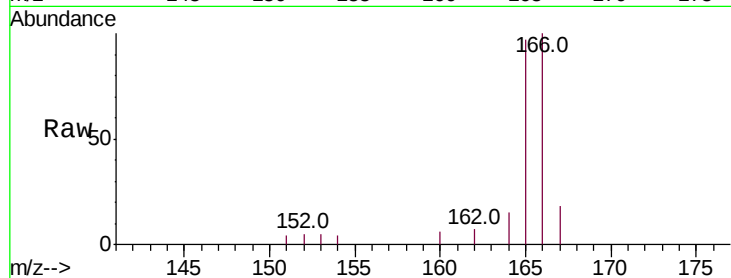




#9
Fluorene
 Concen: 0.122 ng/ul
 RT: 15.36 min Scan# 3292
 Delta R.T. -0.00 min
 Lab File: BN002491.D
 Acq: 24 Aug 2018 06:07

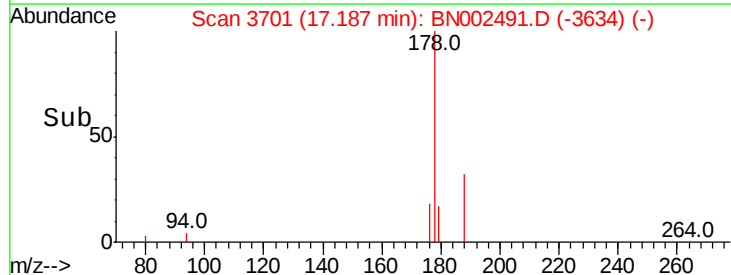
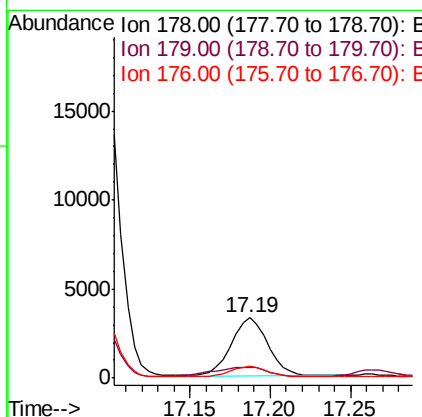
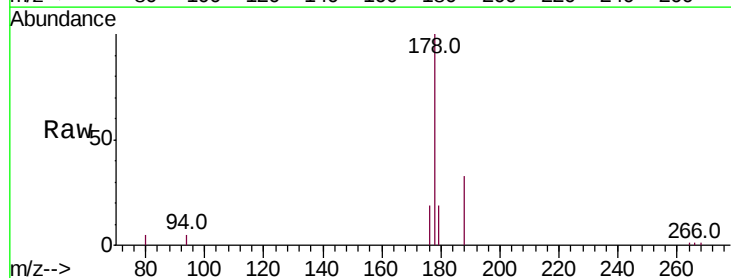
Instrument :
 BNA_N
 ClientSampleId :

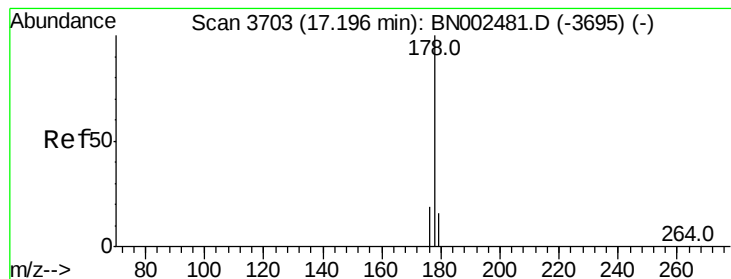
Tot Ion:166 Resp: 1916
 Ion Ratio Lower Upper
 166 100
 165 96.6 73.4 110.2
 167 18.0 14.6 22.0



#12
Phenanthrene
 Concen: 0.188 ng/ul
 RT: 17.19 min Scan# 3701
 Delta R.T. 0.08 min
 Lab File: BN002491.D
 Acq: 24 Aug 2018 06:07

Tgt Ion:178 Resp: 5216
 Ion Ratio Lower Upper
 178 100
 179 18.7 18.4 27.6
 176 19.4 13.6 20.4





#13

Anthracene

Concen: 0.215 ng/ul

RT: 17.19 min Scan# 3701

Delta R.T. -0.01 min

Lab File: BN002491.D

Acq: 24 Aug 2018 06:07

Instrument :

BNA_N

ClientSampleId :

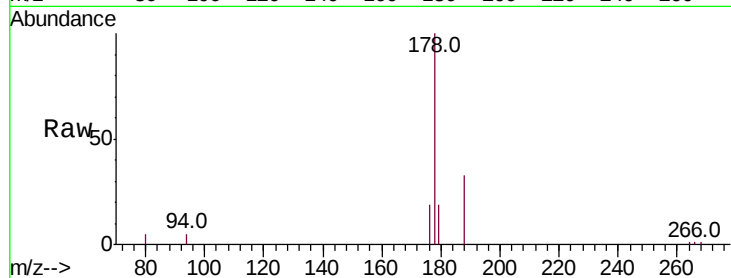
Tot Ion:178 Resp: 5118

Ion Ratio Lower Upper

178 100

179 18.7 18.1 27.1

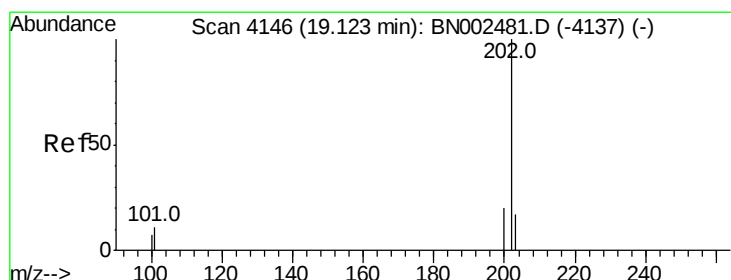
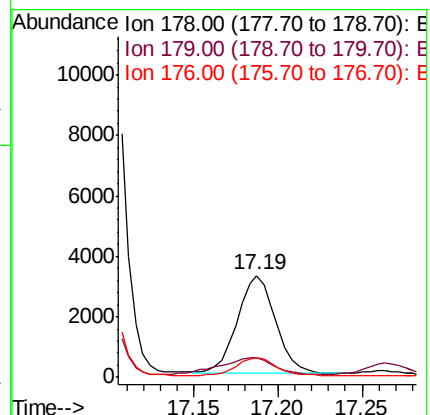
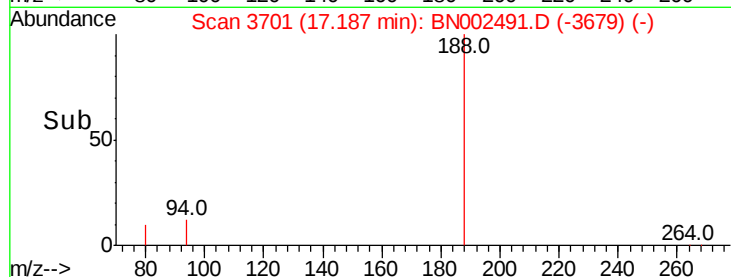
176 19.4 14.7 22.1



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



#15

Fluoranthene

Concen: 1.685 ng/ul

RT: 19.11 min Scan# 4144

Delta R.T. -0.01 min

Lab File: BN002491.D

Acq: 24 Aug 2018 06:07

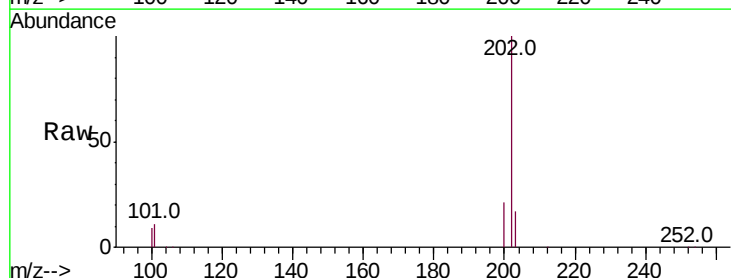
Tgt Ion:202 Resp: 54986

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.0

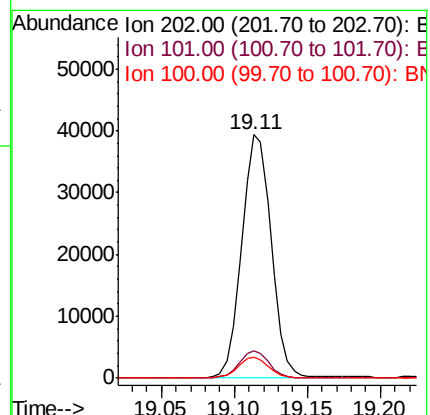
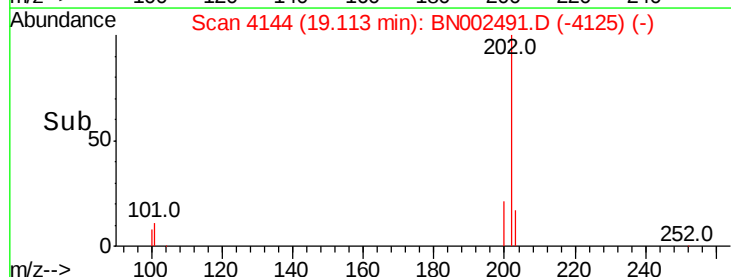
100 8.6 0.0 30.0

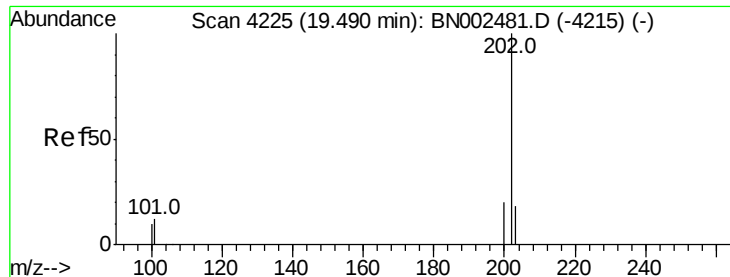


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 1.349 ng/ul

RT: 19.48 min Scan# 4222

Delta R.T. -0.01 min

Lab File: BN002491.D

Acq: 24 Aug 2018 06:07

Instrument :

BNA_N

ClientSampleId :

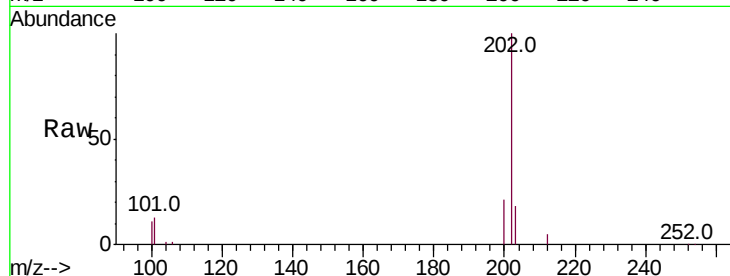
Tot Ion:202 Resp: 49033

Ion Ratio Lower Upper

202 100

101 13.4 12.0 18.0

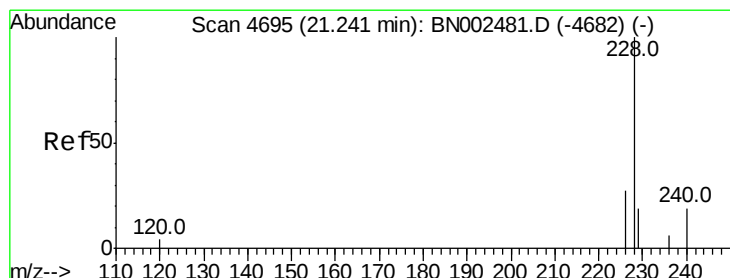
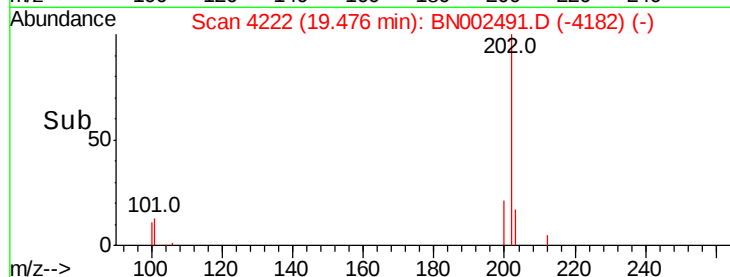
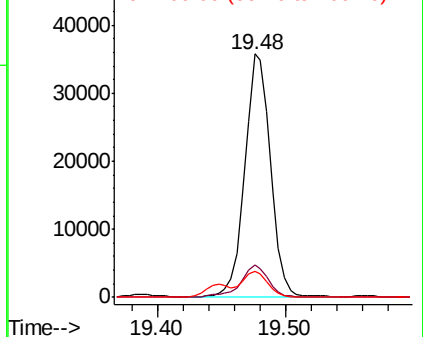
100 10.9 8.0 12.0



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: 0.703 ng/ul

RT: 21.23 min Scan# 4693

Delta R.T. -0.01 min

Lab File: BN002491.D

Acq: 24 Aug 2018 06:07

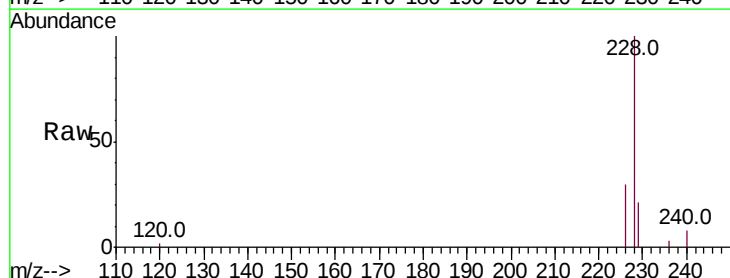
Tgt Ion:228 Resp: 22411

Ion Ratio Lower Upper

228 100

229 20.5 22.8 34.2#

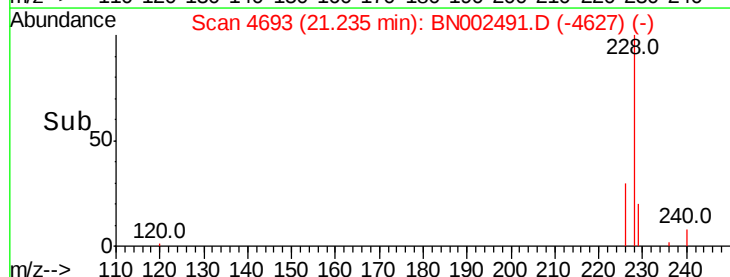
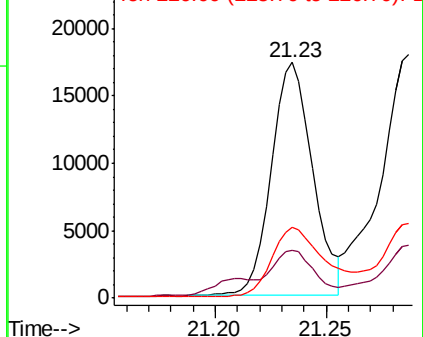
226 30.1 17.0 25.6#

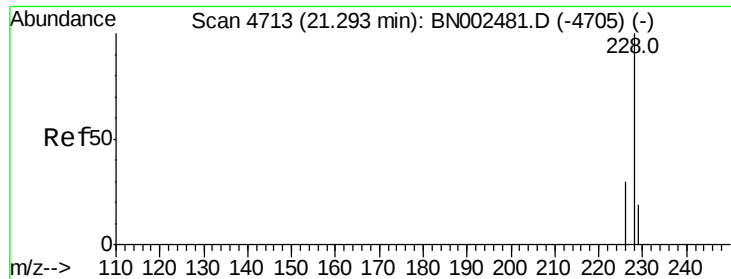


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.728 ng/ul

RT: 21.29 min Scan# 4711

Delta R.T. -0.01 min

Lab File: BN002491.D

Acq: 24 Aug 2018 06:07

Instrument :

BNA_N

ClientSampled :

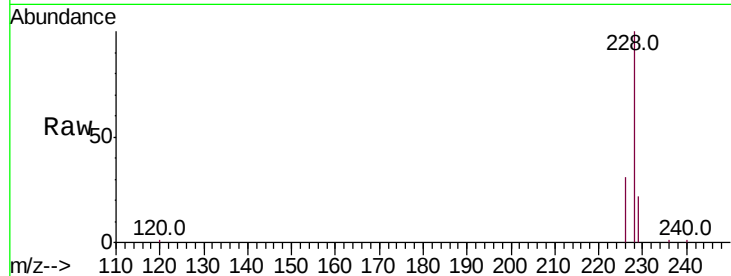
Tot Ion:228 Resp: 26232

Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.0

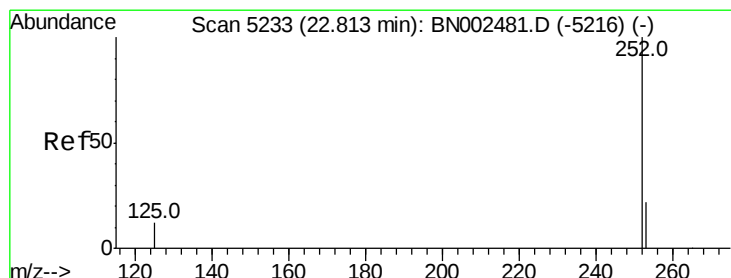
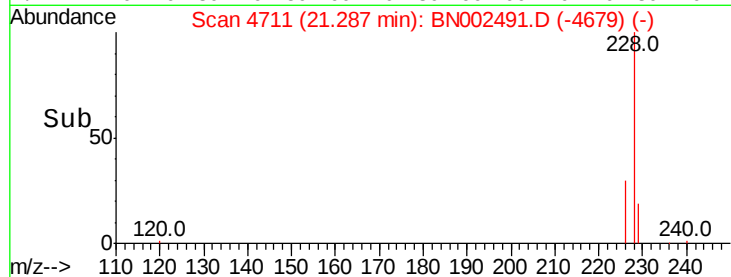
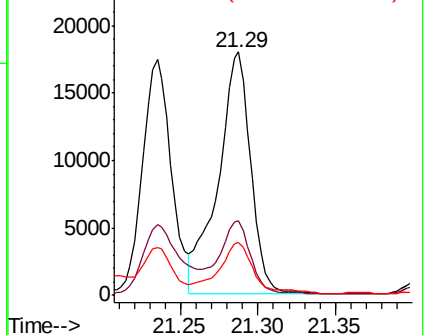
229 21.7 17.7 26.5



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



#21

Benzo(b)fluoranthene

Concen: 1.230 ng/ul

RT: 22.81 min Scan# 5231

Delta R.T. -0.01 min

Lab File: BN002491.D

Acq: 24 Aug 2018 06:07

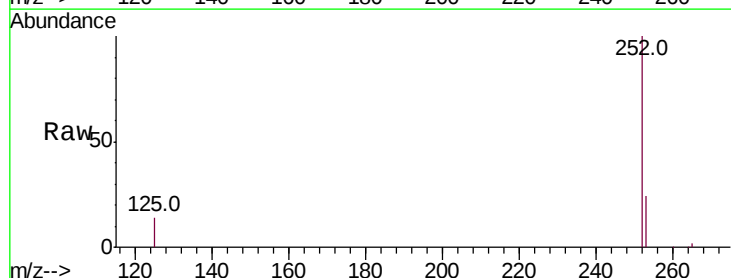
Tgt Ion:252 Resp: 50371

Ion Ratio Lower Upper

252 100

253 23.7 0.0 64.2

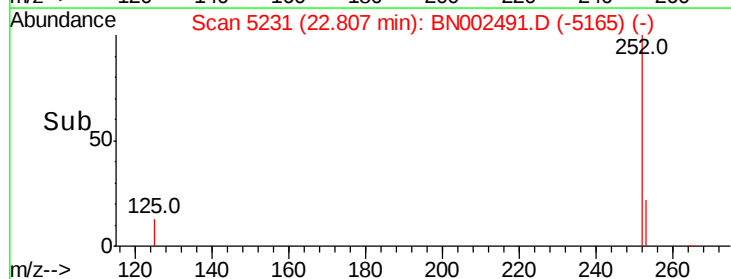
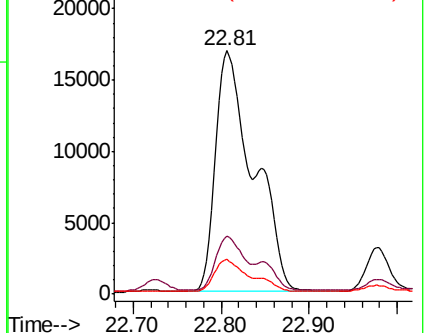
125 14.1 0.0 35.0

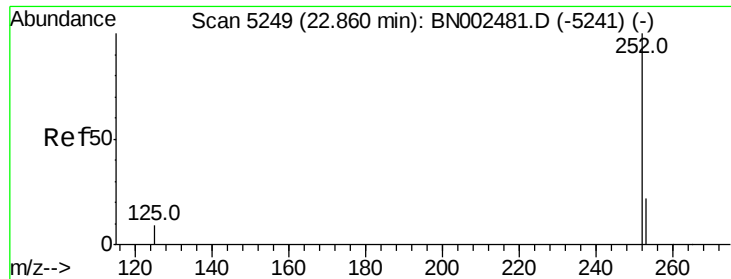


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

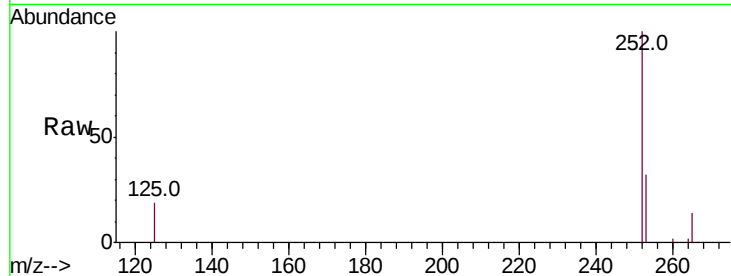




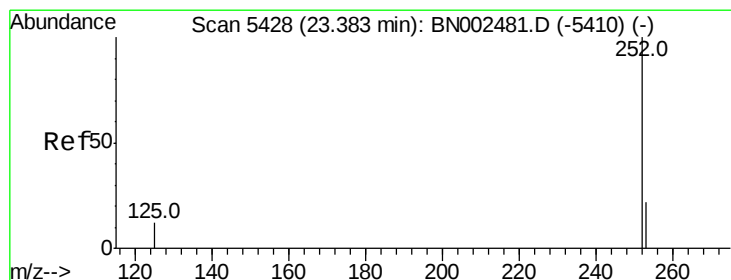
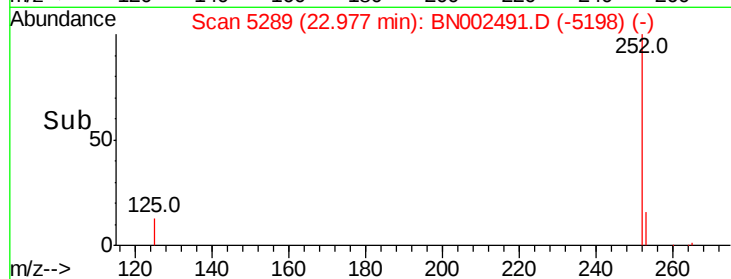
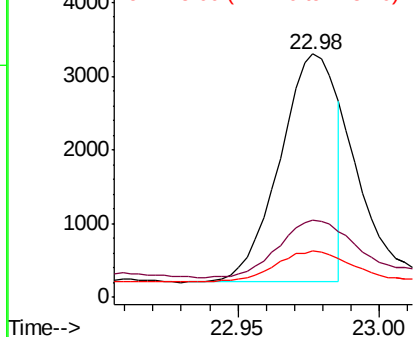
#22
Benzo(k)fluoranthene
Concen: 0.100 ng/ul
RT: 22.98 min Scan# 5289
Delta R.T. 0.12 min
Lab File: BN002491.D
Acq: 24 Aug 2018 06:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 4243
Ion Ratio Lower Upper
252 100
253 31.8 24.5 36.7
125 18.8 13.7 20.5

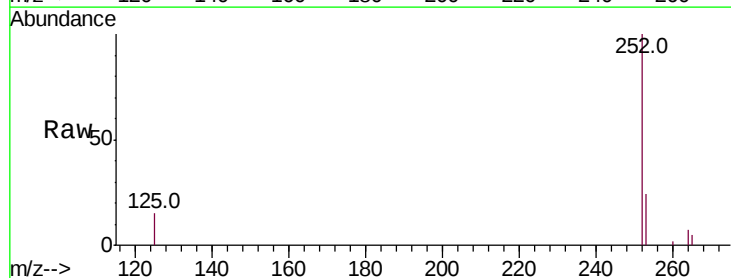


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

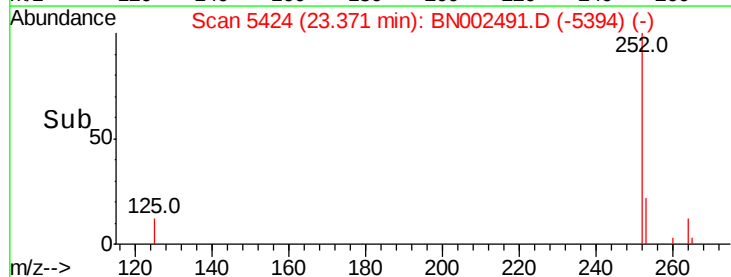
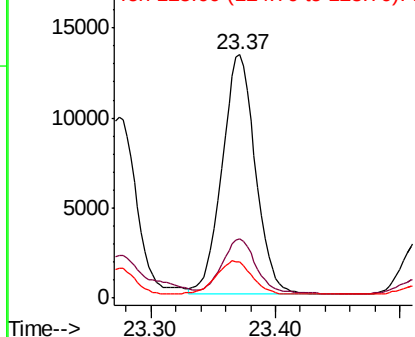


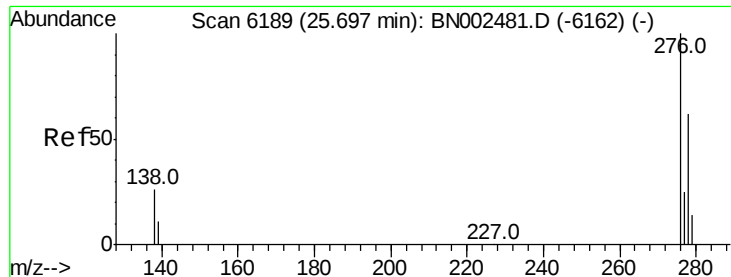
#23
Benzo(a)pyrene
Concen: 0.644 ng/ul
RT: 23.37 min Scan# 5424
Delta R.T. -0.01 min
Lab File: BN002491.D
Acq: 24 Aug 2018 06:07

Tgt Ion:252 Resp: 24783
Ion Ratio Lower Upper
252 100
253 24.3 16.0 24.0#
125 14.7 12.0 18.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



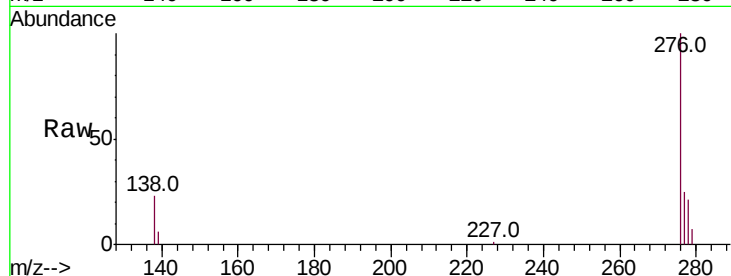


#24

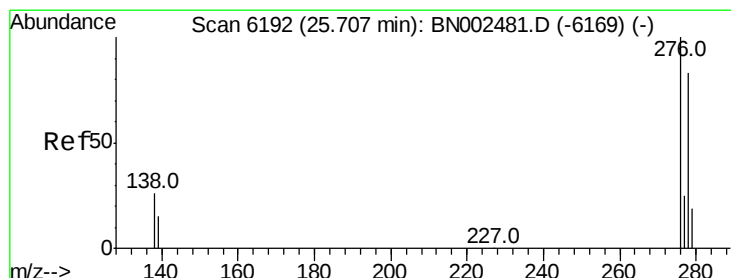
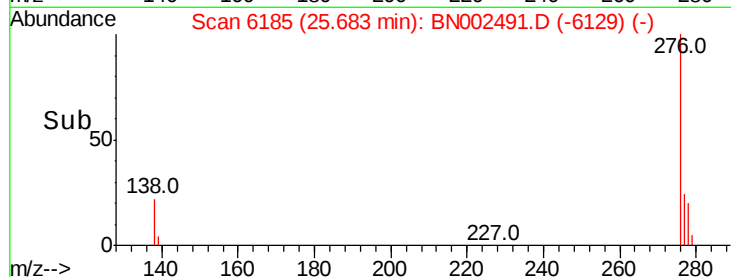
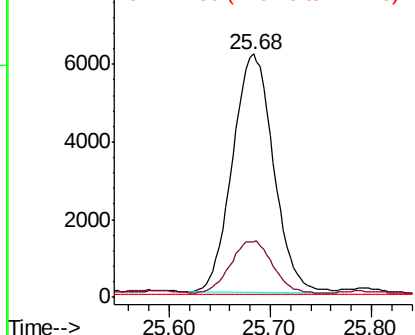
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng/ul
RT: 25.68 min Scan# 6185
Delta R.T. -0.01 min
Lab File: BN002491.D
Acq: 24 Aug 2018 06:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 17303
Ion Ratio Lower Upper
276 100
138 22.4 28.0 42.0#
227 0.2 0.8 1.2#



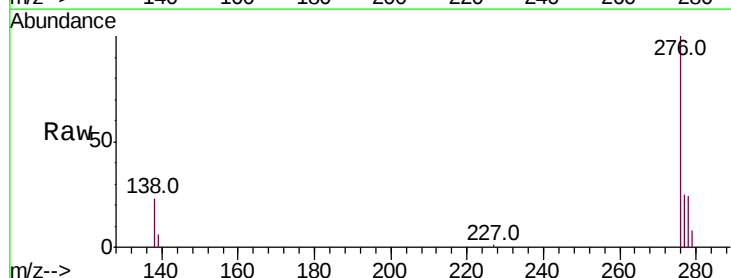
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



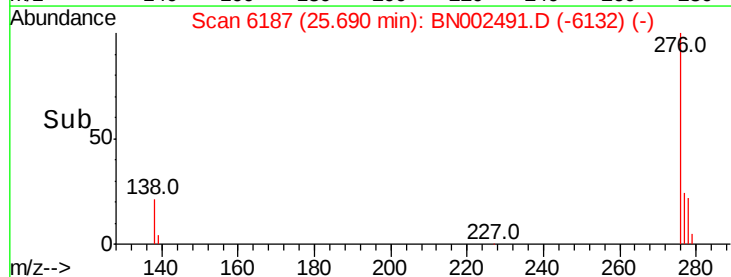
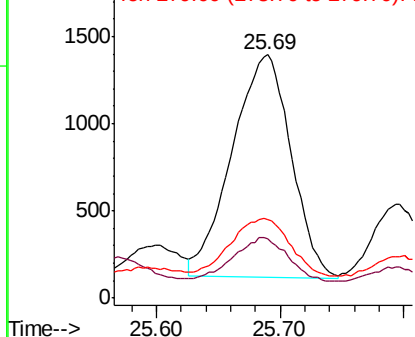
#25

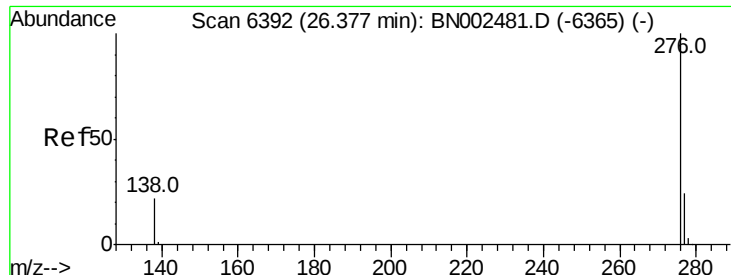
Dibenzo(a,h)anthracene
Concen: 0.134 ng/ul
RT: 25.69 min Scan# 6187
Delta R.T. -0.02 min
Lab File: BN002491.D
Acq: 24 Aug 2018 06:07

Tgt Ion:278 Resp: 4252
Ion Ratio Lower Upper
278 100
139 24.1 17.4 26.0
279 32.0 25.9 38.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.460 ng/ul

RT: 26.36 min Scan# 6386

Delta R.T. -0.02 min

Lab File: BN002491.D

Acq: 24 Aug 2018 06:07

Instrument :

BNA_N

ClientSampleId :

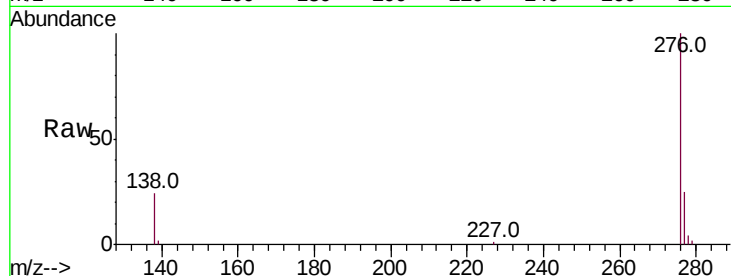
Tot Ion:276 Resp: 15830

Ion Ratio Lower Upper

276 100

138 24.4 21.8 32.8

277 24.9 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

