

Data Path : Z:\HPCHEM1\BNA N\Data\BN030218\
 Data File : BN000233.D
 Acq On : 02 Mar 2018 13:31
 Operator : JU/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV58

Quant Time: Mar 05 09:37:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\Methods\SOM-EPA-SIM-BN030218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 09:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.450	152	5238	0.40	ng/ul	0.00
2) Naphthalene-d8	11.287	136	16197	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.064	164	6796	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.782	188	14270	0.40	ng/ul	0.00
16) Chrysene-d12	21.900	240	8579	0.40	ng/ul	0.00
20) Perylene-d12	24.382	264	6306	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.849	152	8601	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.773	212	13175	0.40	ng/ul	0.00

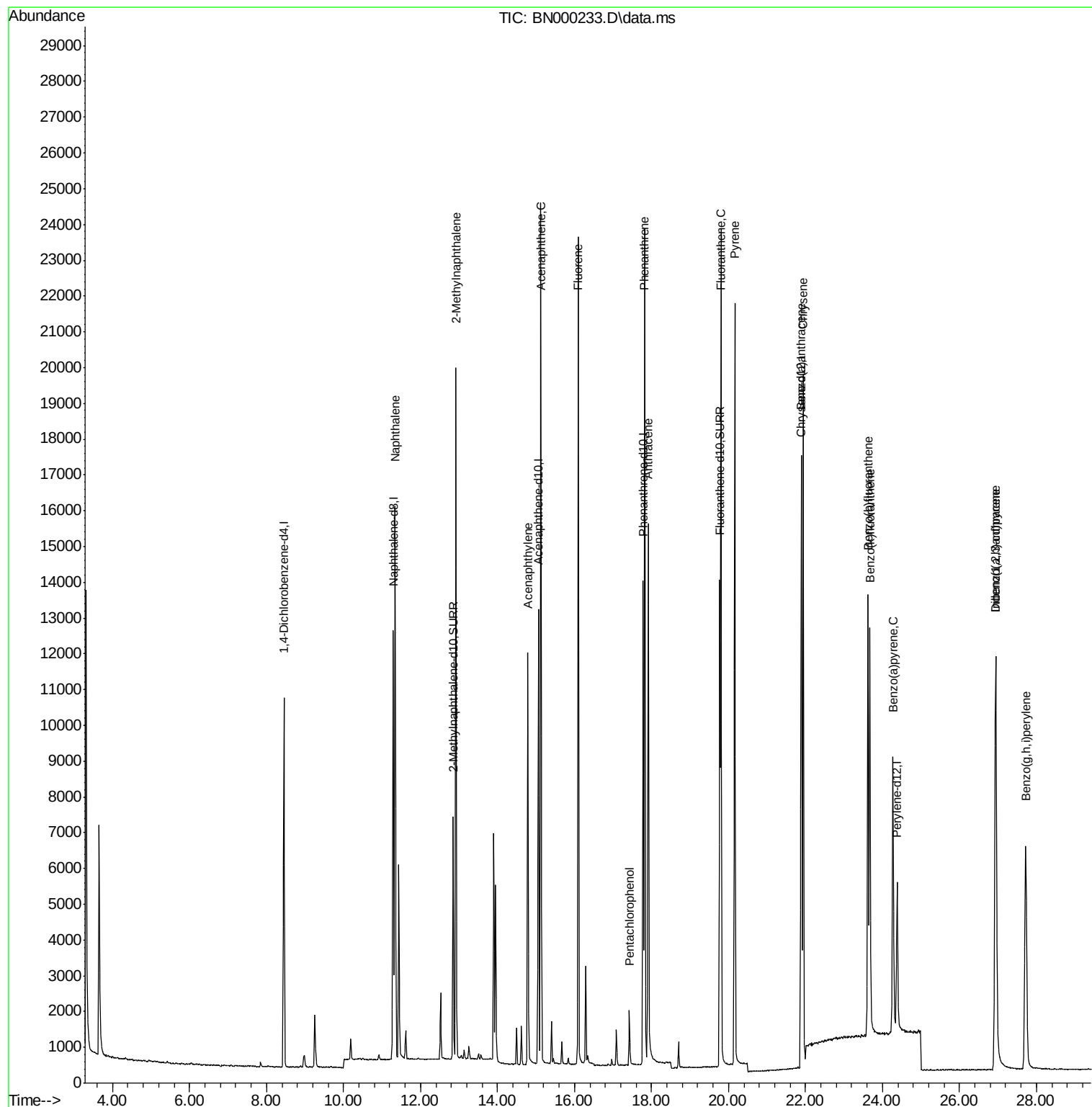
Target Compounds						Ovalue
3) Naphthalene	11.337	128	21374	0.41	ng/ul#	88
5) 2-Methylnaphthalene	12.921	142	13315	0.40	ng/ul	98
7) Acenaphthylene	14.786	152	13943	0.41	ng/ul	96
8) Acenaphthene	15.124	153	13513	0.41	ng/ul	94
9) Fluorene	16.100	166	14363	0.41	ng/ul#	91
11) Pentachlorophenol	17.427	266	1102	0.38	ng/ul	97
12) Phenanthrene	17.824	178	24343	0.42	ng/ul#	88
13) Anthracene	17.917	178	17715	0.41	ng/ul#	91
15) Fluoranthene	19.803	202	22412	0.40	ng/ul	62
17) Pyrene	20.163	202	21946	0.43	ng/ul#	55
18) Benzo(a)anthracene	21.885	228	13884	0.41	ng/ul#	84
19) Chrysene	21.937	228	18745	0.41	ng/ul	95
21) Benzo(b)fluoranthene	23.621	252	15941	0.42	ng/ul	87
22) Benzo(k)fluoranthene	23.671	252	15362	0.43	ng/ul#	88
23) Benzo(a)pyrene	24.270	252	12427	0.42	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.931	276	14027	0.42	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.946	278	10507	0.43	ng/ul#	80
26) Benzo(g,h,i)perylene	27.723	276	13443	0.41	ng/ul#	84

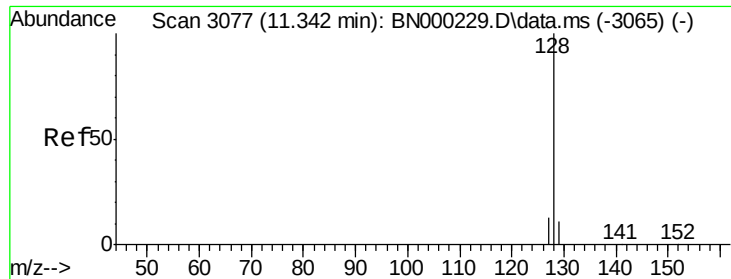
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.41 ng/ul

RT: 11.337 min Scan# 25

Delta R.T. -0.006 min

Lab File: BN000233.D

Acq: 02 Mar 2018 13:31

Instrument :

BNA_N

ClientSampleId :

SICV58

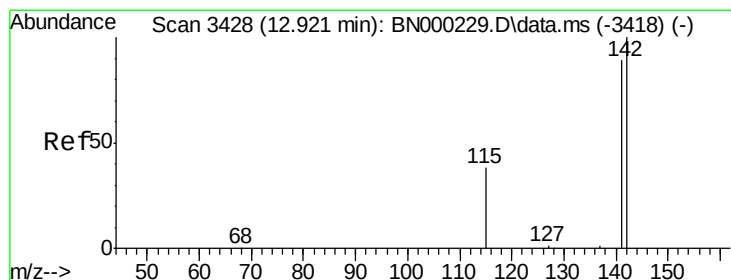
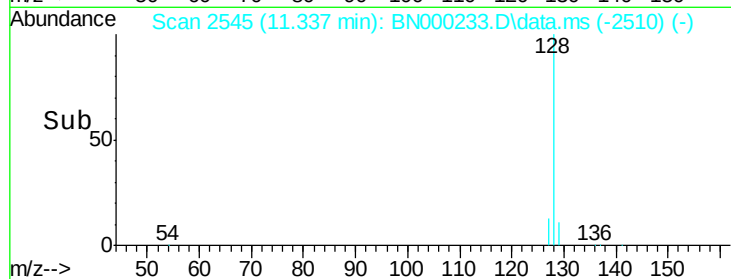
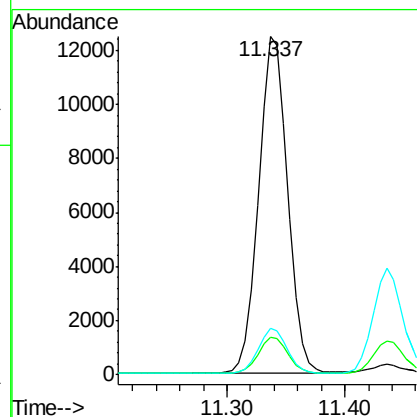
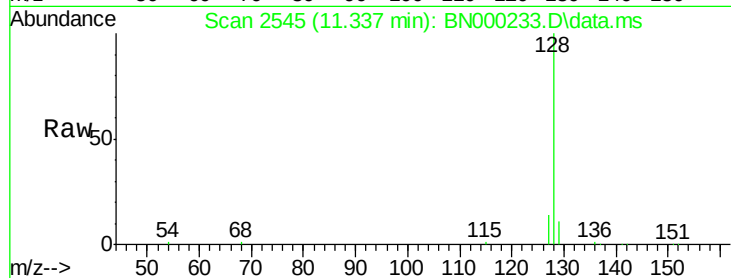
Tot Ion:128 Resp: 21374

Ion Ratio Lower Upper

128 100

129 11.0 11.3 16.9#

127 13.5 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.40 ng/ul

RT: 12.921 min Scan# 2833

Delta R.T. -0.000 min

Lab File: BN000233.D

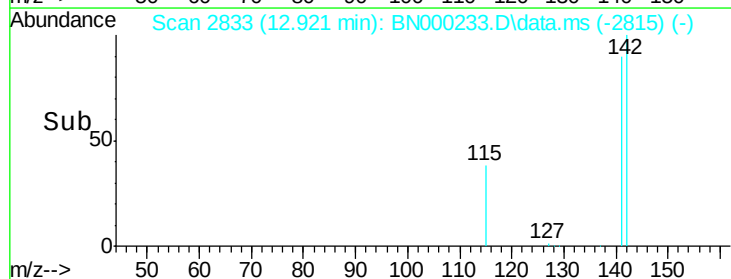
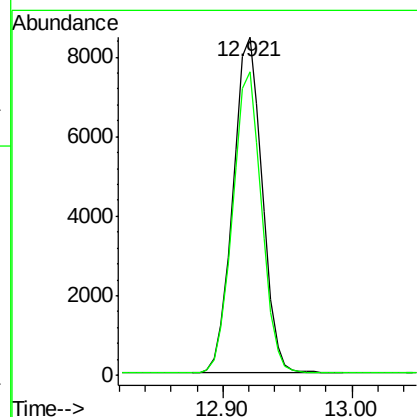
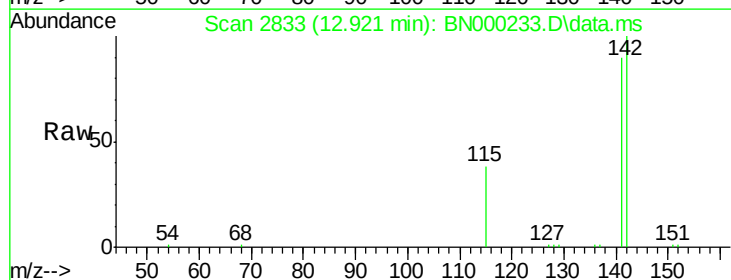
Acq: 02 Mar 2018 13:31

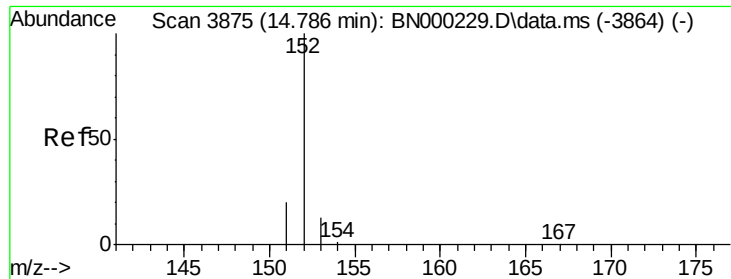
Tgt Ion:142 Resp: 13315

Ion Ratio Lower Upper

142 100

141 89.0 72.6 108.8





#7

Acenaphthylene

Concen: 0.41 ng/ul

RT: 14.786 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN000233.D

Acq: 02 Mar 2018 13:31

Instrument :

BNA_N

ClientSampleId :

SICV58

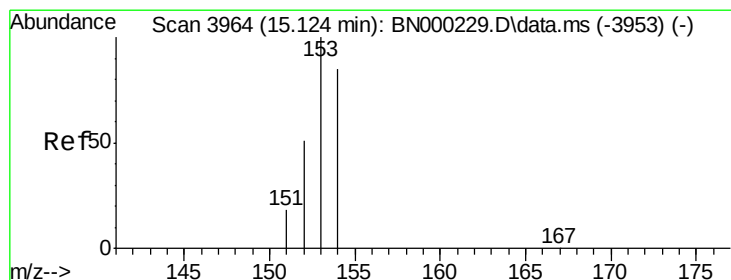
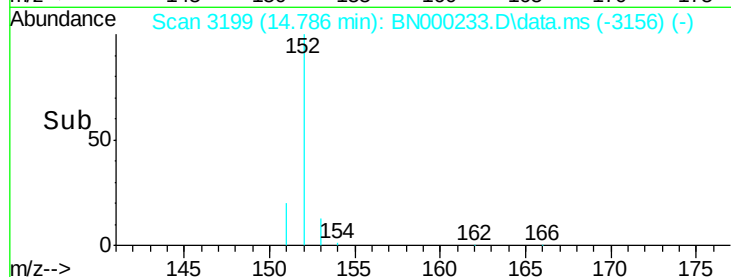
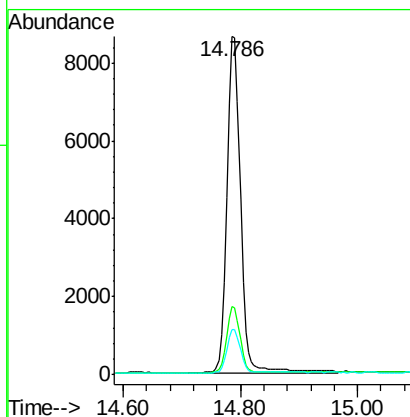
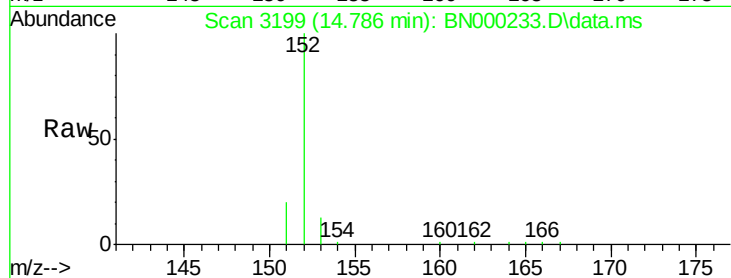
Tot Ion:152 Resp: 13943

Ion Ratio Lower Upper

152 100

151 20.2 17.1 25.7

153 13.4 12.8 19.2



#8

Acenaphthene

Concen: 0.41 ng/ul

RT: 15.124 min Scan# 3272

Delta R.T. 0.000 min

Lab File: BN000233.D

Acq: 02 Mar 2018 13:31

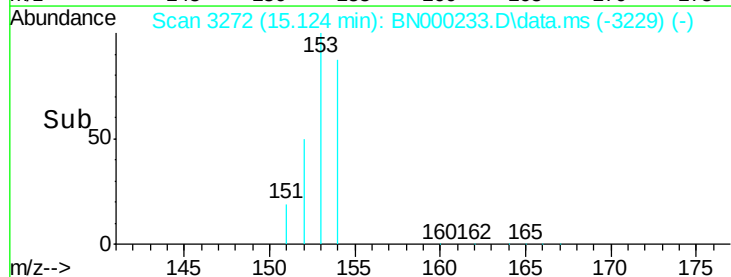
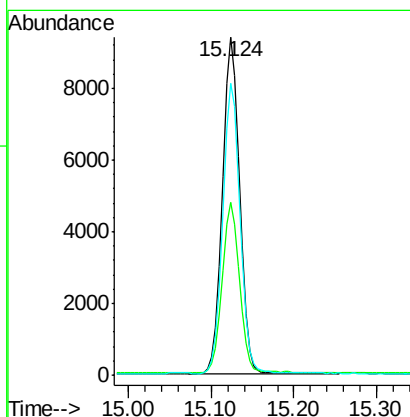
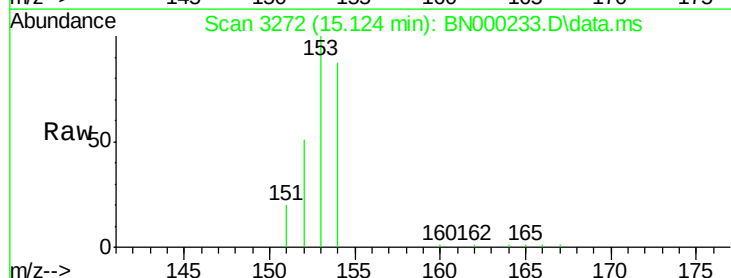
Tgt Ion:153 Resp: 13513

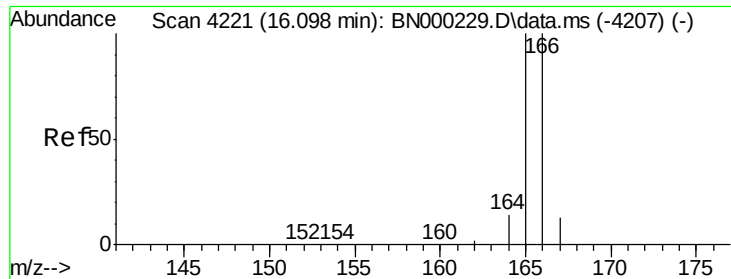
Ion Ratio Lower Upper

153 100

152 51.0 36.0 54.0

154 86.6 72.0 108.0

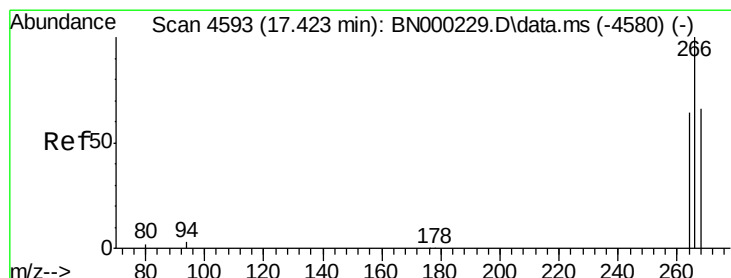
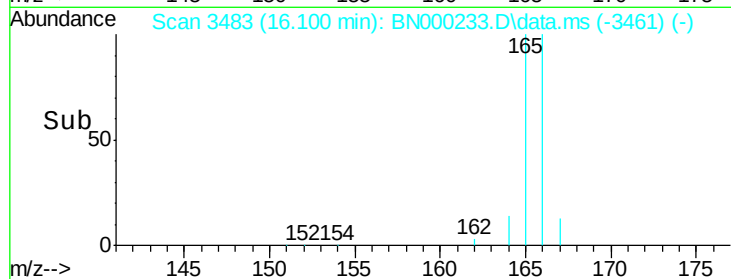
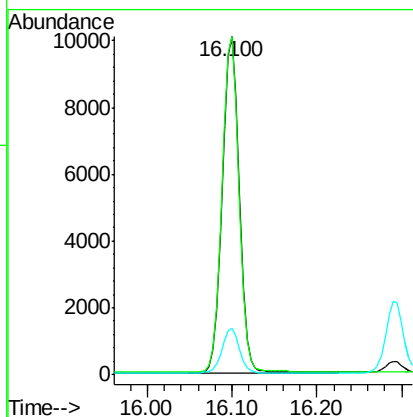
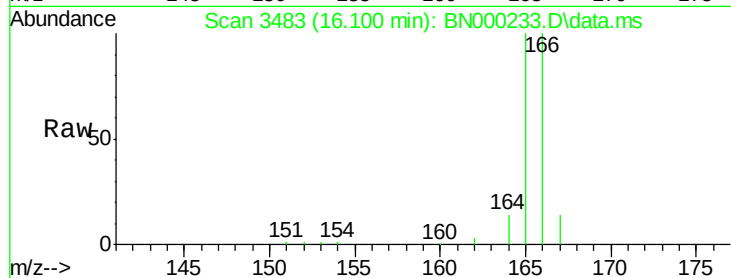




#9
Fluorene
 Concen: 0.41 ng/ul
 RT: 16.100 min Scan# 34
 Delta R.T. 0.002 min
 Lab File: BN000233.D
 Acq: 02 Mar 2018 13:31

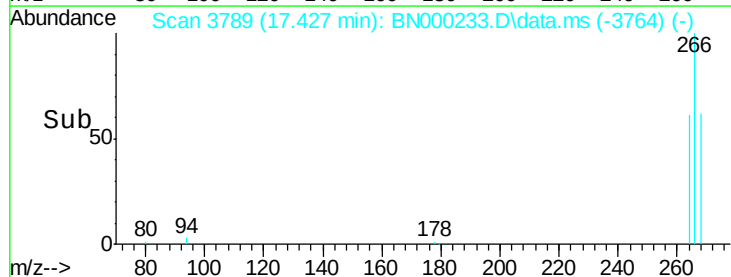
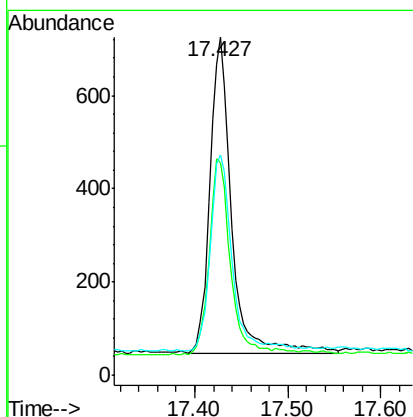
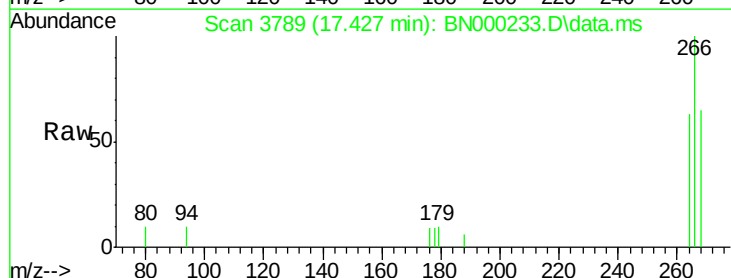
Instrument :
 BNA_N
 ClientSampleId :
 SICV58

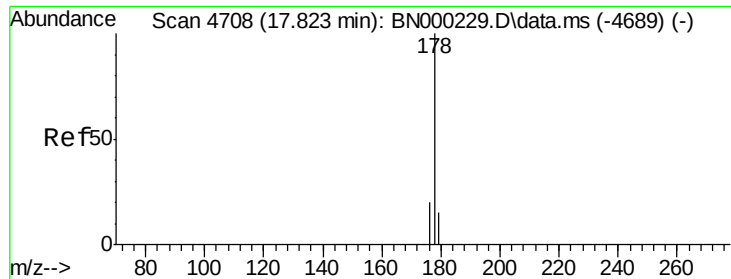
Tot Ion:166 Resp: 14363
 Ion Ratio Lower Upper
 166 100
 165 99.8 73.4 110.2
 167 13.6 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.38 ng/ul
 RT: 17.427 min Scan# 3789
 Delta R.T. 0.004 min
 Lab File: BN000233.D
 Acq: 02 Mar 2018 13:31

Tgt Ion:266 Resp: 1102
 Ion Ratio Lower Upper
 266 100
 264 62.0 47.9 71.9
 268 64.5 49.8 74.8





#12

Phenanthrene

Concen: 0.42 ng/ul

RT: 17.824 min Scan# 38

Delta R.T. 0.002 min

Lab File: BN000233.D

Acq: 02 Mar 2018 13:31

Instrument :

BNA_N

ClientSampleId :

SICV58

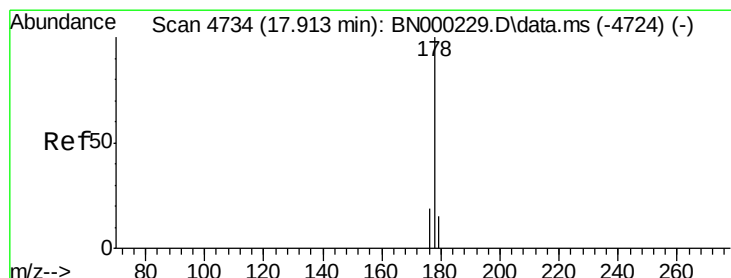
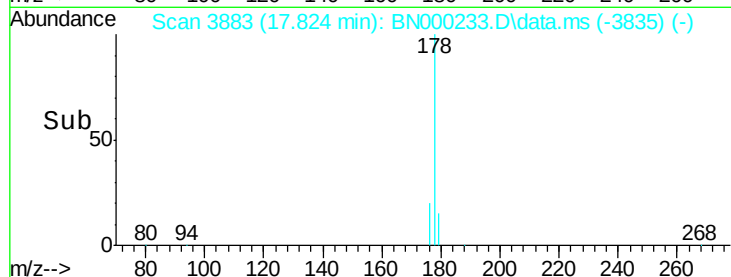
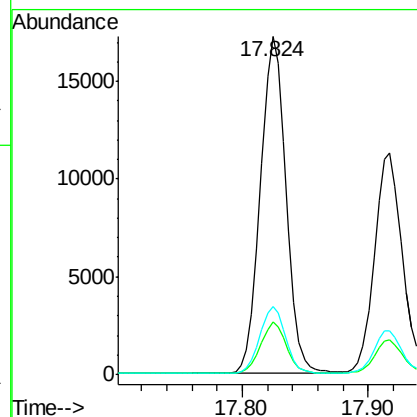
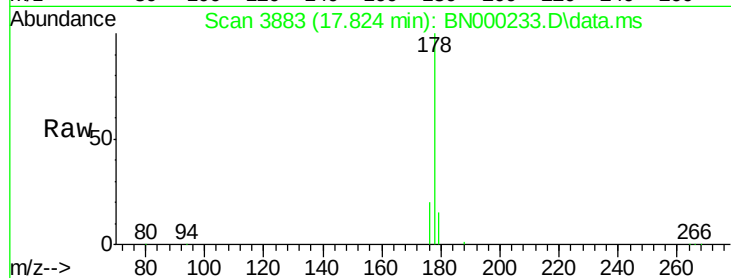
Tot Ion:178 Resp: 24343

Ion Ratio Lower Upper

178 100

179 15.4 18.4 27.6#

176 20.3 13.6 20.4



#13

Anthracene

Concen: 0.41 ng/ul

RT: 17.917 min Scan# 3905

Delta R.T. 0.004 min

Lab File: BN000233.D

Acq: 02 Mar 2018 13:31

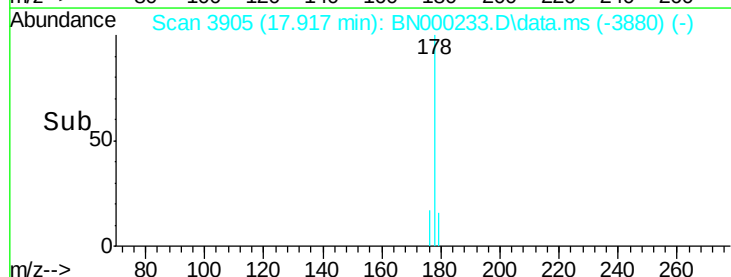
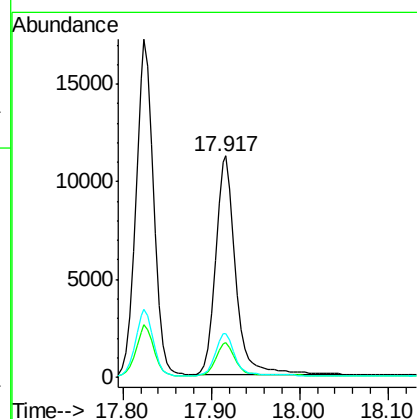
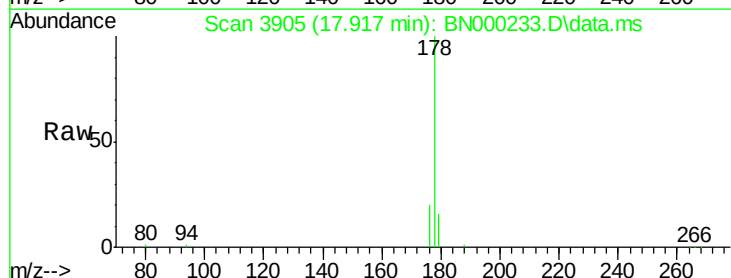
Tgt Ion:178 Resp: 17715

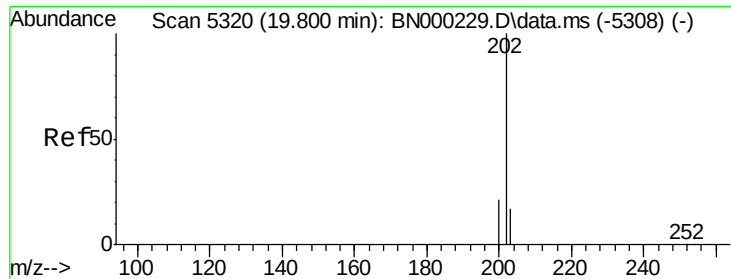
Ion Ratio Lower Upper

178 100

179 15.6 18.1 27.1#

176 19.8 14.7 22.1





#15

Fluoranthene

Concen: 0.40 ng/ul

RT: 19.803 min Scan# 43

Delta R.T. 0.002 min

Lab File: BN000233.D

Acq: 02 Mar 2018 13:31

Instrument :

BNA_N

ClientSampleId :

SICV58

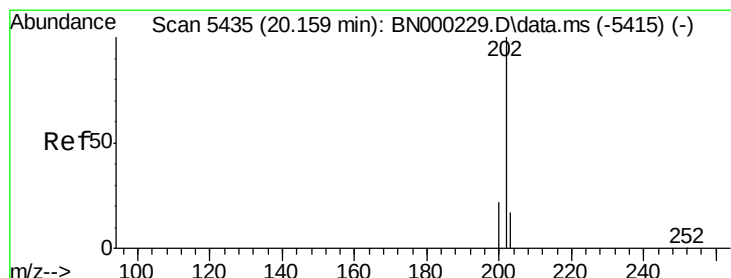
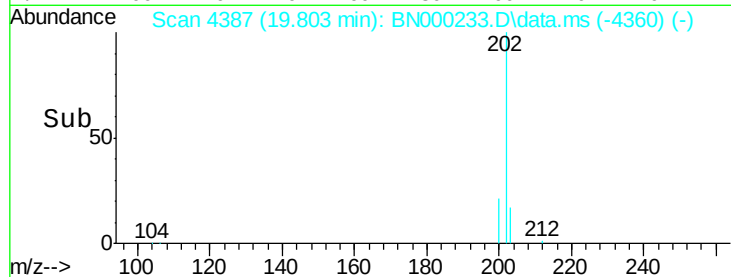
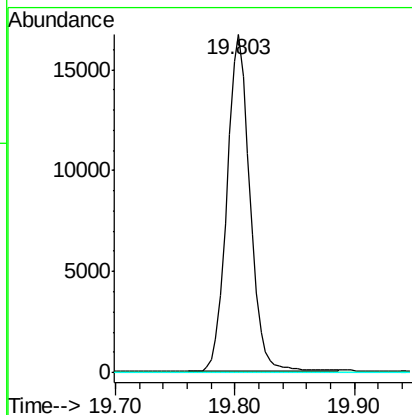
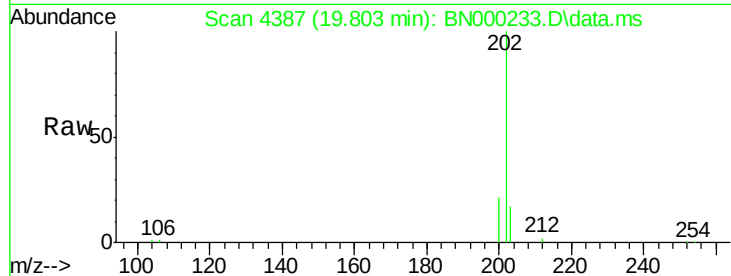
Tot Ion:202 Resp: 22412

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.3

100 0.0 0.0 39.5



#17

Pyrene

Concen: 0.43 ng/ul

RT: 20.163 min Scan# 4482

Delta R.T. 0.004 min

Lab File: BN000233.D

Acq: 02 Mar 2018 13:31

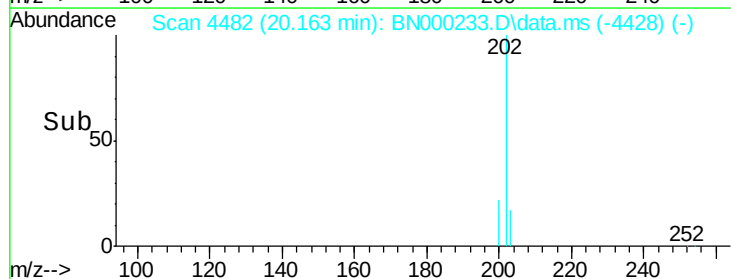
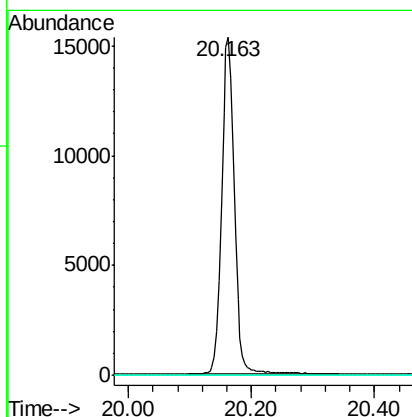
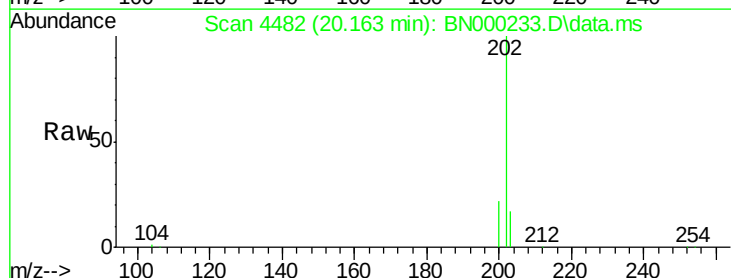
Tgt Ion:202 Resp: 21946

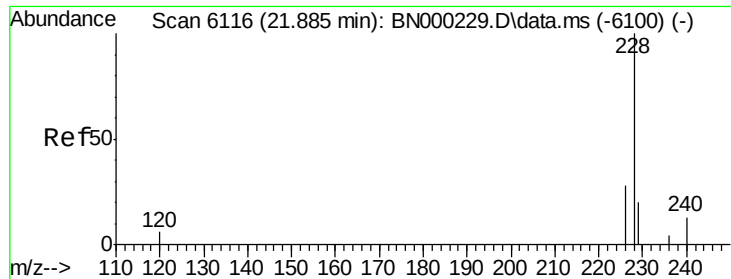
Ion Ratio Lower Upper

202 100

101 0.0 18.2 27.4#

100 0.0 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.41 ng/ul

RT: 21.885 min Scan# 50

Delta R.T. 0.000 min

Lab File: BN000233.D

Acq: 02 Mar 2018 13:31

Instrument :

BNA_N

ClientSampleId :

SICV58

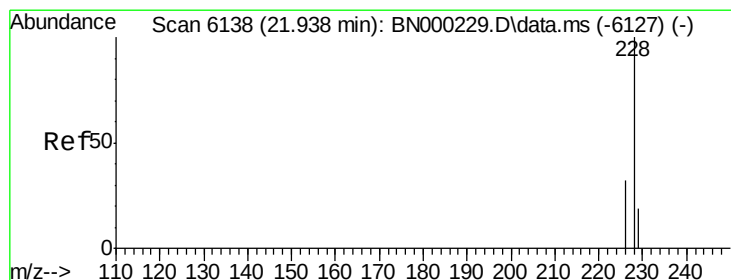
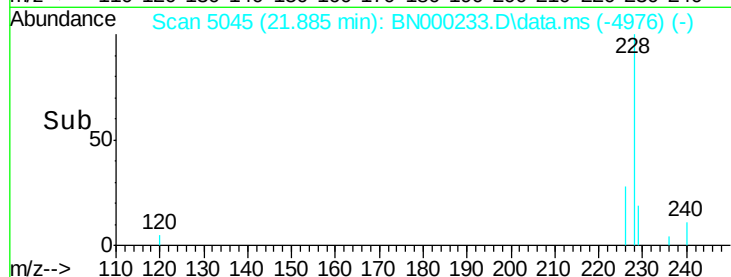
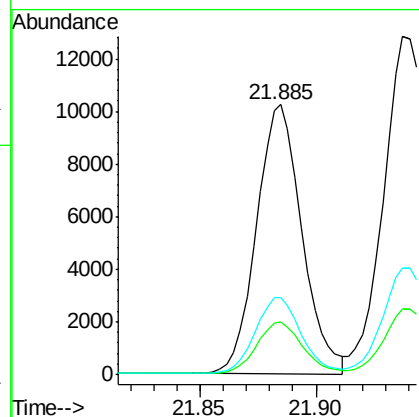
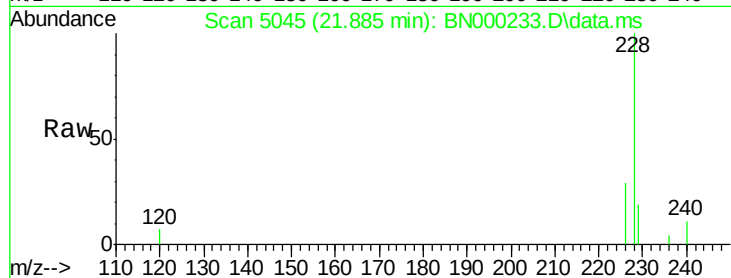
Tot Ion:228 Resp: 13884

Ion Ratio Lower Upper

228 100

229 19.4 22.8 34.2#

226 28.6 17.0 25.6#



#19

Chrysene

Concen: 0.41 ng/ul

RT: 21.937 min Scan# 5063

Delta R.T. -0.000 min

Lab File: BN000233.D

Acq: 02 Mar 2018 13:31

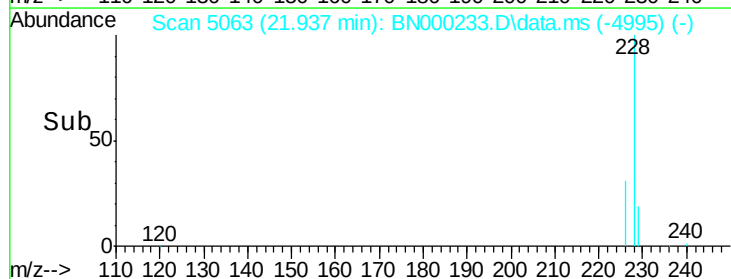
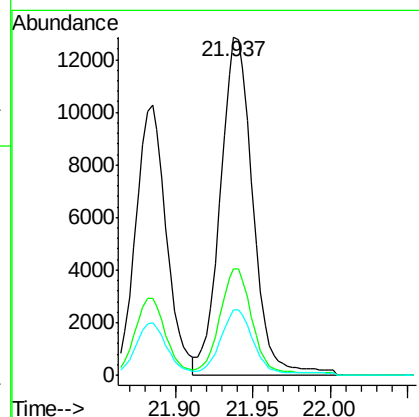
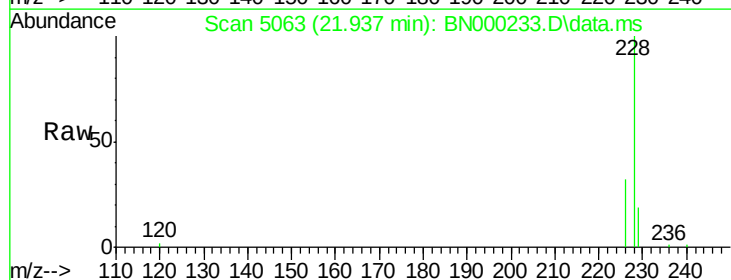
Tgt Ion:228 Resp: 18745

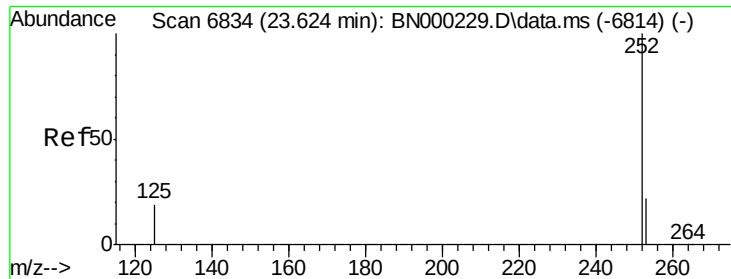
Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.0

229 19.2 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.42 ng/ul

RT: 23.621 min Scan# 56

Delta R.T. -0.003 min

Lab File: BN000233.D

Acq: 02 Mar 2018 13:31

Instrument :

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SICV58

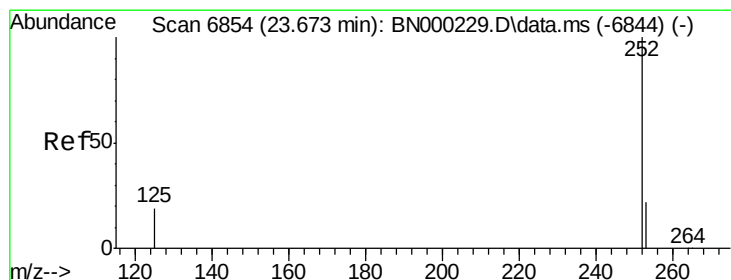
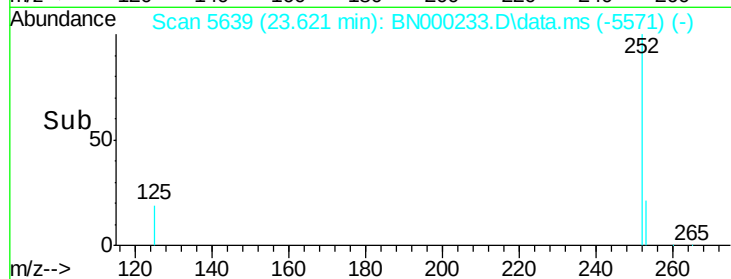
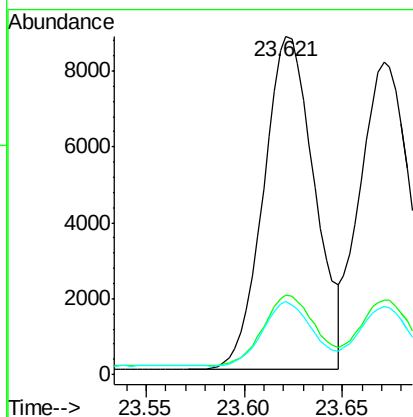
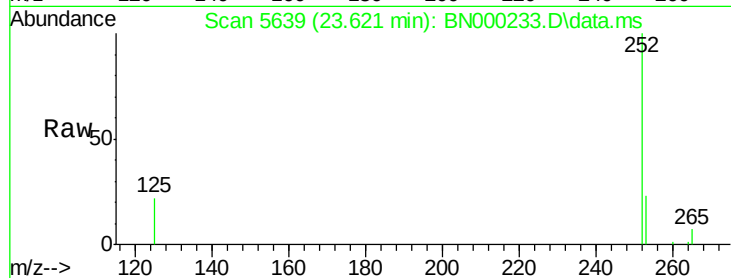
Tot Ion:252 Resp: 15941

Ion Ratio Lower Upper

252 100

253 23.4 0.0 64.2

125 21.6 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.43 ng/ul

RT: 23.671 min Scan# 5656

Delta R.T. -0.001 min

Lab File: BN000233.D

Acq: 02 Mar 2018 13:31

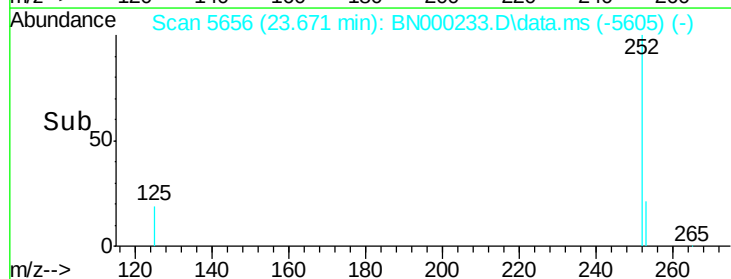
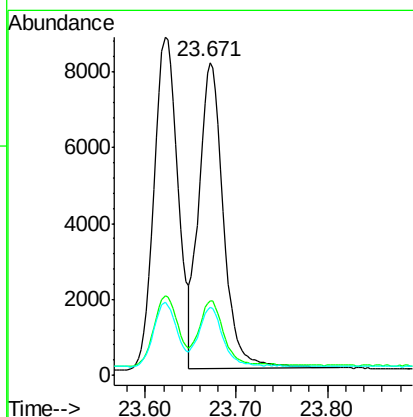
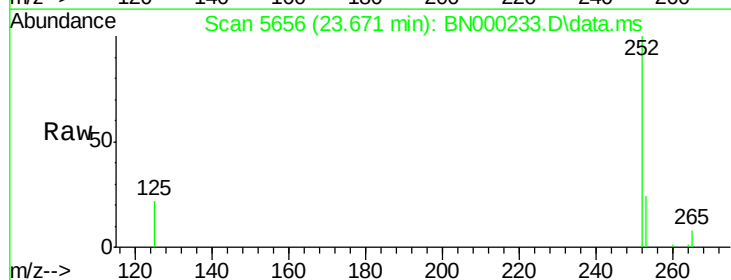
Tgt Ion:252 Resp: 15362

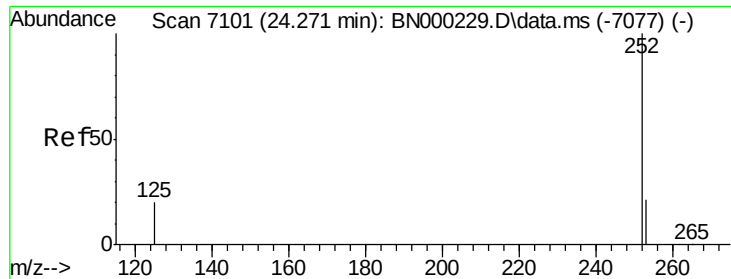
Ion Ratio Lower Upper

252 100

253 24.0 24.5 36.7#

125 21.6 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.42 ng/ul

RT: 24.270 min Scan# 58

Delta R.T. -0.000 min

Lab File: BN000233.D

Acq: 02 Mar 2018 13:31

Instrument :

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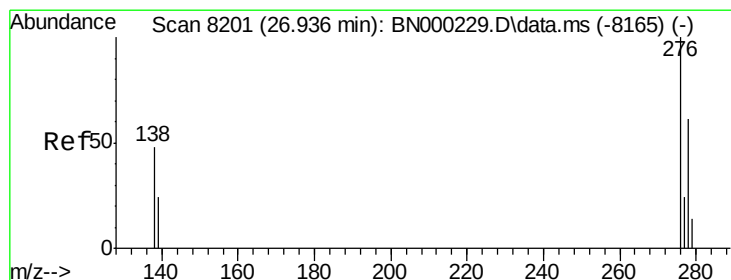
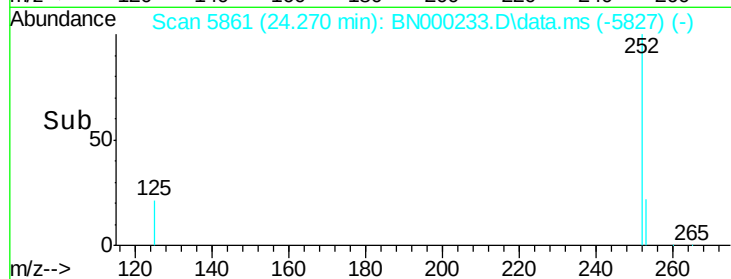
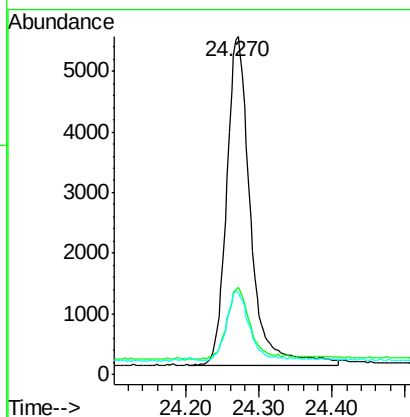
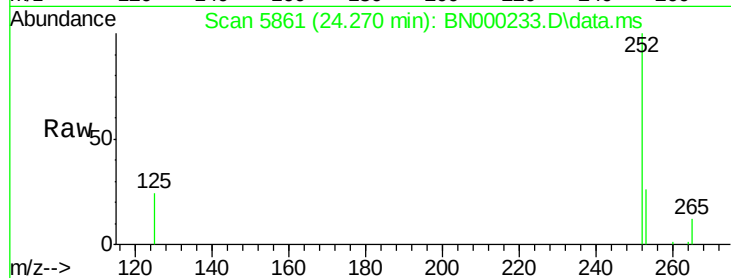
Tot Ion:252 Resp: 12427

Ion Ratio Lower Upper

252 100

253 26.0 28.5 42.7#

125 24.3 18.1 27.1



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.42 ng/ul

RT: 26.931 min Scan# 6771

Delta R.T. -0.005 min

Lab File: BN000233.D

Acq: 02 Mar 2018 13:31

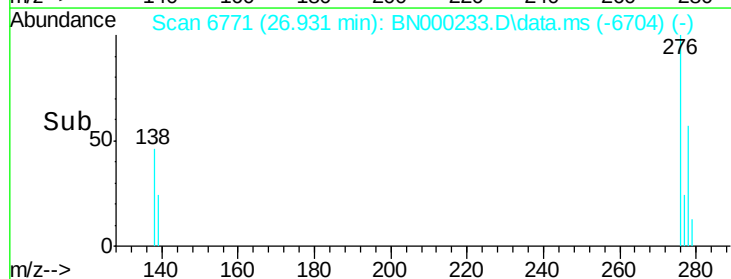
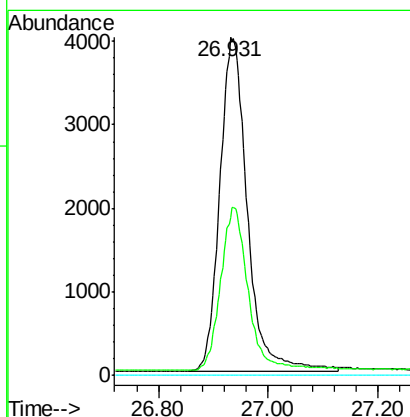
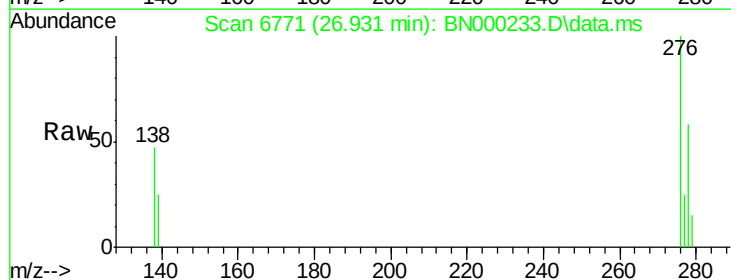
Tgt Ion:276 Resp: 14027

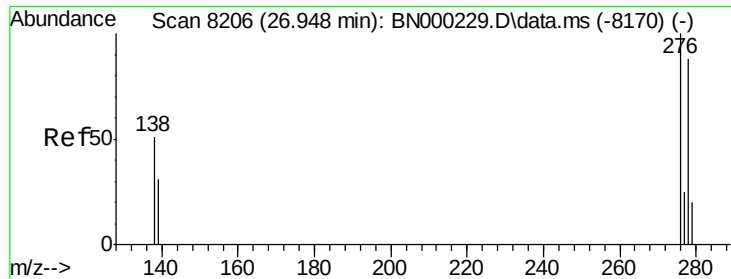
Ion Ratio Lower Upper

276 100

138 49.3 28.0 42.0#

227 0.0 8.0 12.0#

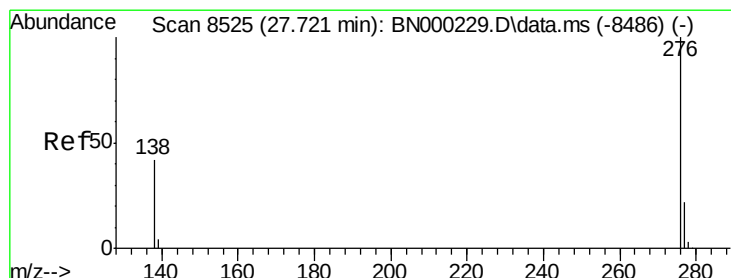
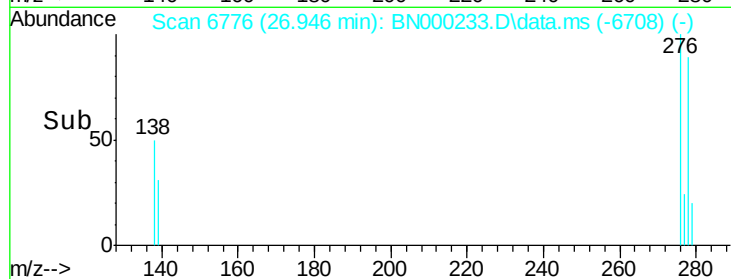
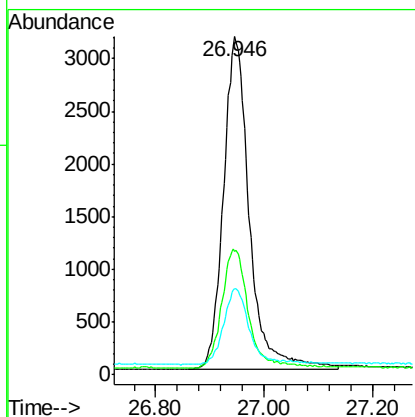
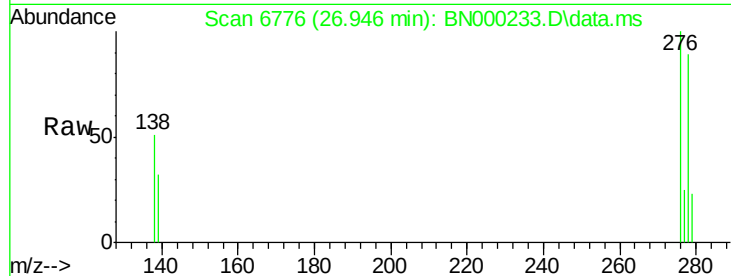




#25
 Dibenzo(a,h)anthracene
 Concen: 0.43 ng/ul
 RT: 26.946 min Scan# 67
 Delta R.T. -0.003 min
 Lab File: BN000233.D
 Acq: 02 Mar 2018 13:31

Instrument :
 BNA_N
 ClientSampleId :
 SICV58

Tot Ion:278 Resp: 10507
 Ion Ratio Lower Upper
 278 100
 139 36.3 17.4 26.0#
 279 25.4 25.9 38.9#



#26
 Benzo(g,h,i)perylene
 Concen: 0.41 ng/ul
 RT: 27.723 min Scan# 7042
 Delta R.T. 0.002 min
 Lab File: BN000233.D
 Acq: 02 Mar 2018 13:31

Tgt Ion:276 Resp: 13443
 Ion Ratio Lower Upper
 276 100
 138 42.4 21.8 32.8#
 277 24.1 20.5 30.7

