

Data Path : Z:\HPCHEM1\BNA N\Data\BN030218\
 Data File : BN000229.D
 Acq On : 02 Mar 2018 11:02
 Operator : JU/SJ
 Sample : SSTD0.454
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.454

Quant Time: Mar 05 09:37:01 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	8.454	152	4954	0.40	ng/ul	0.00
2) Naphthalene-d8	11.293	136	16080	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.063	164	7096	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.781	188	15960	0.40	ng/ul	0.00
16) Chrysene-d12	21.902	240	10251	0.40	ng/ul	0.00
20) Perylene-d12	24.380	264	8241	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.849	152	7859	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.772	212	13372	0.36	ng/ul	0.00

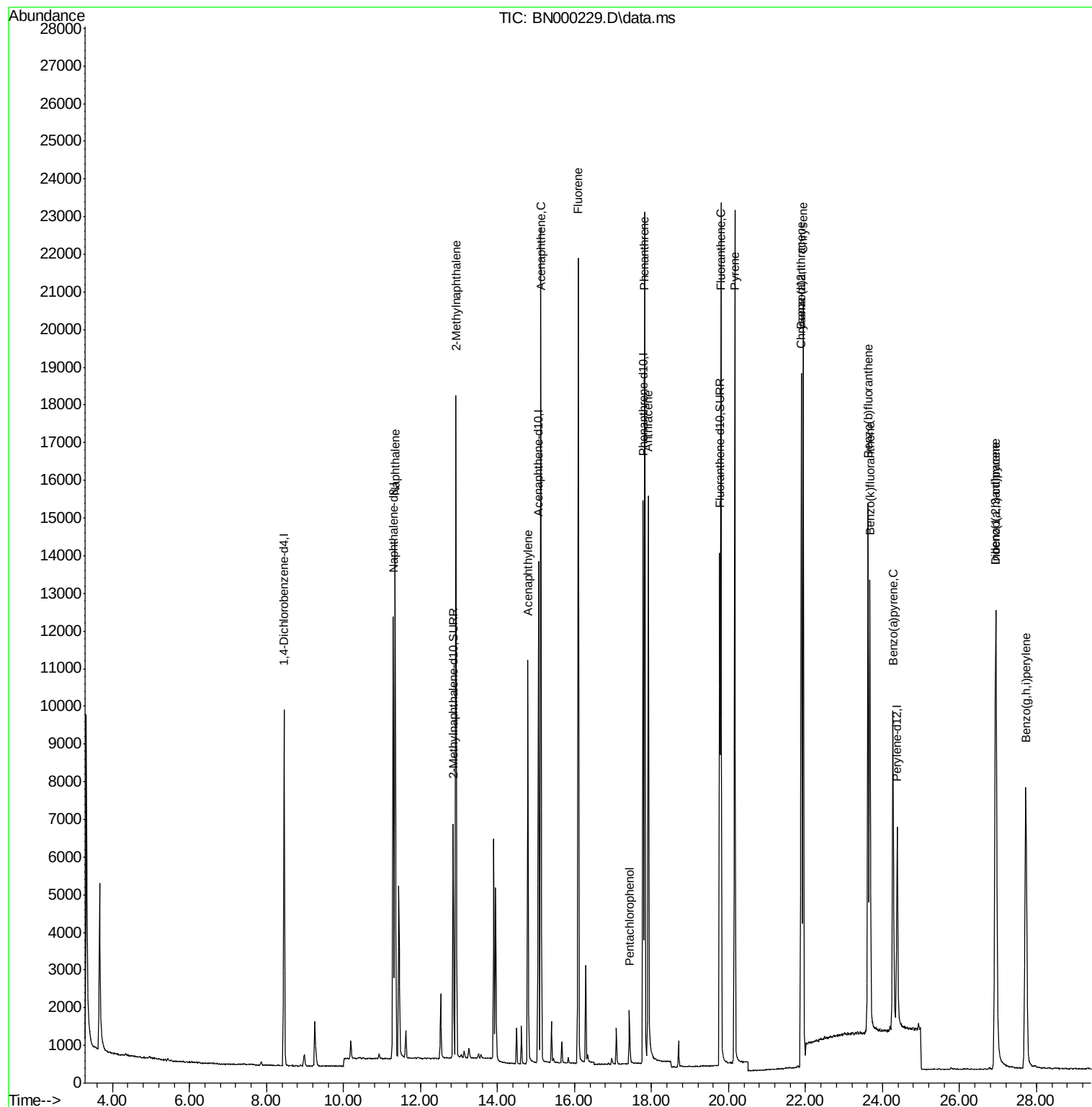
Target Compounds				Ovalue		
3) Naphthalene	11.342	128	19121	0.37	ng/ul#	88
5) 2-Methylnaphthalene	12.921	142	12130	0.37	ng/ul	99
7) Acenaphthylene	14.786	152	12934	0.37	ng/ul	96
8) Acenaphthene	15.124	153	12523	0.37	ng/ul	94
9) Fluorene	16.098	166	13558	0.37	ng/ul#	91
11) Pentachlorophenol	17.423	266	998	0.31	ng/ul	97
12) Phenanthrene	17.823	178	23976	0.37	ng/ul#	88
13) Anthracene	17.913	178	17629	0.36	ng/ul#	91
15) Fluoranthene	19.800	202	22836	0.36	ng/ul	62
17) Pyrene	20.159	202	22393	0.37	ng/ul#	55
18) Benzo(a)anthracene	21.885	228	14537	0.36	ng/ul#	84
19) Chrysene	21.938	228	19967	0.36	ng/ul	95
21) Benzo(b)fluoranthene	23.624	252	17703	0.36	ng/ul	87
22) Benzo(k)fluoranthene	23.673	252	17002	0.36	ng/ul#	89
23) Benzo(a)pyrene	24.271	252	14090	0.36	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.936	276	15673	0.36	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.948	278	11209	0.35	ng/ul#	80
26) Benzo(g,h,i)perylene	27.721	276	15429	0.36	ng/ul#	82

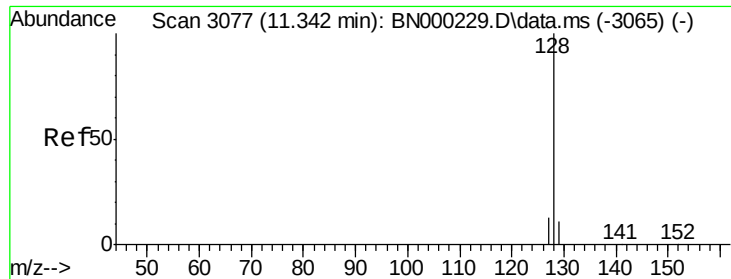
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.37 ng/ul

RT: 11.342 min Scan# 3077

Delta R.T. 0.000 min

Lab File: BN000229.D

Acq: 02 Mar 2018 11:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.454

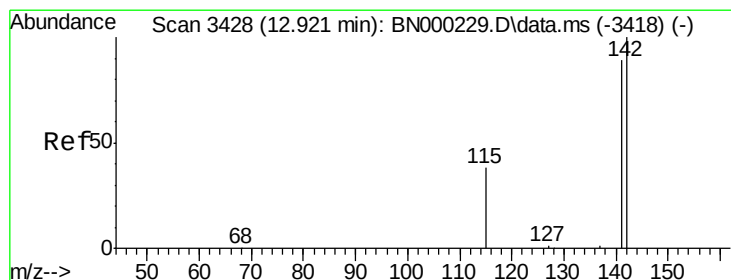
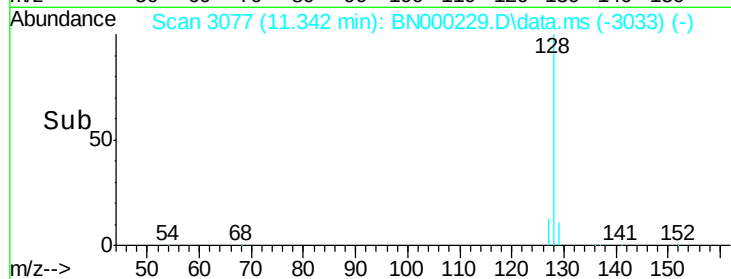
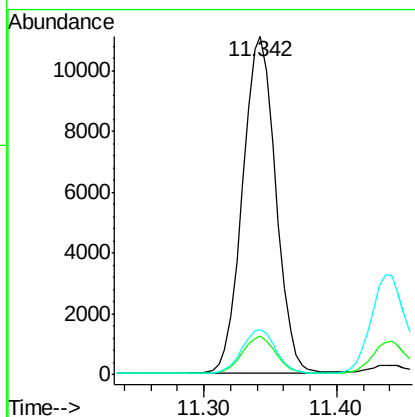
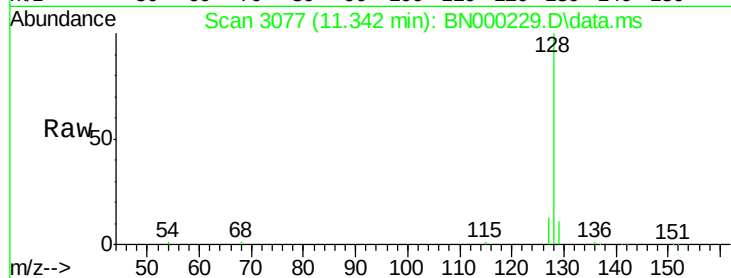
Tot Ion:128 Resp: 19121

Ion Ratio Lower Upper

128 100

129 11.2 11.3 16.9#

127 13.4 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.37 ng/ul

RT: 12.921 min Scan# 3428

Delta R.T. 0.000 min

Lab File: BN000229.D

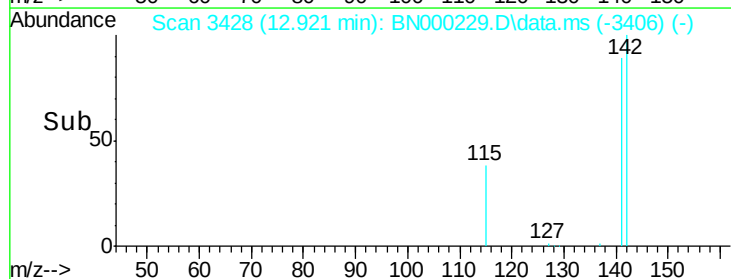
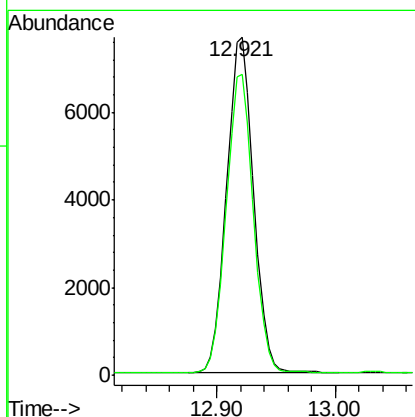
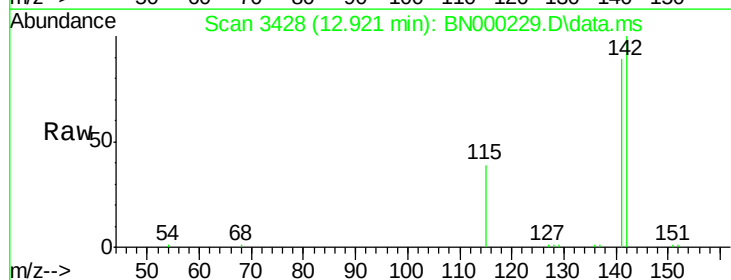
Acq: 02 Mar 2018 11:02

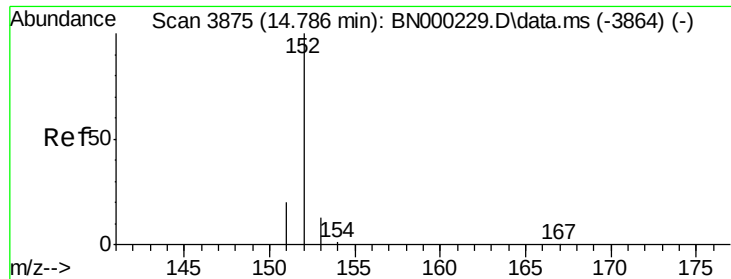
Tgt Ion:142 Resp: 12130

Ion Ratio Lower Upper

142 100

141 89.5 72.6 108.8





#7

Acenaphthylene

Concen: 0.37 ng/ul

RT: 14.786 min Scan# 3875

Delta R.T. 0.000 min

Lab File: BN000229.D

Acq: 02 Mar 2018 11:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.454

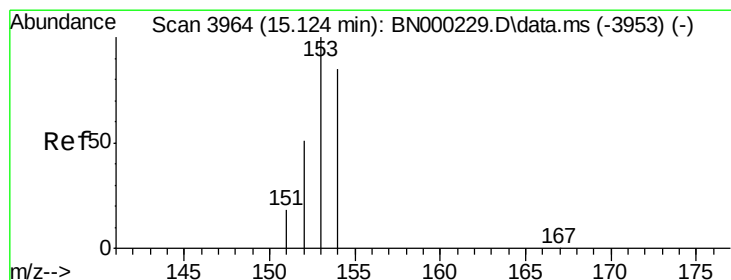
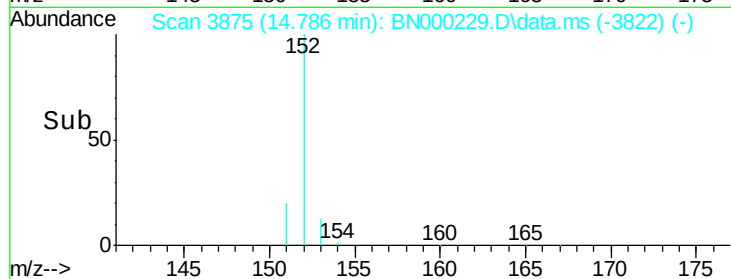
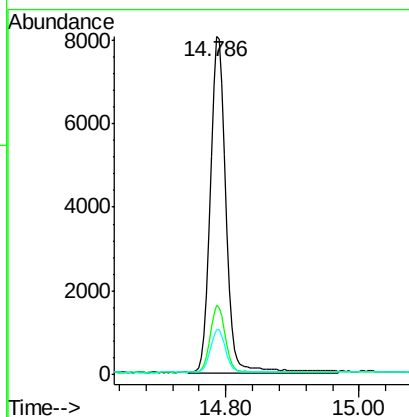
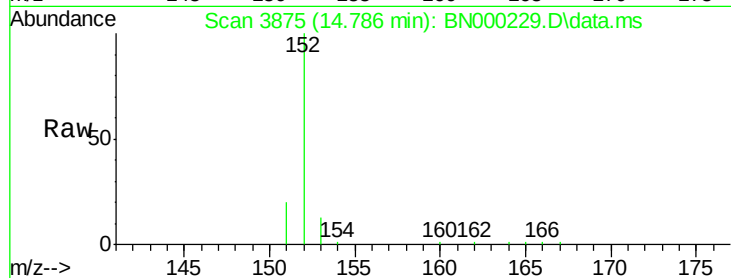
Tot Ion:152 Resp: 12934

Ion Ratio Lower Upper

152 100

151 20.4 17.1 25.7

153 13.1 12.8 19.2



#8

Acenaphthene

Concen: 0.37 ng/ul

RT: 15.124 min Scan# 3964

Delta R.T. 0.000 min

Lab File: BN000229.D

Acq: 02 Mar 2018 11:02

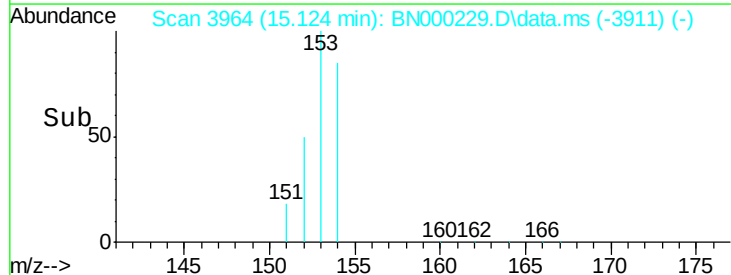
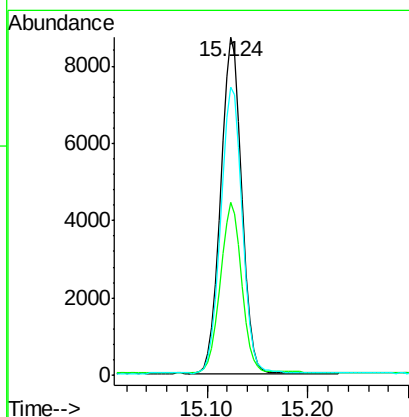
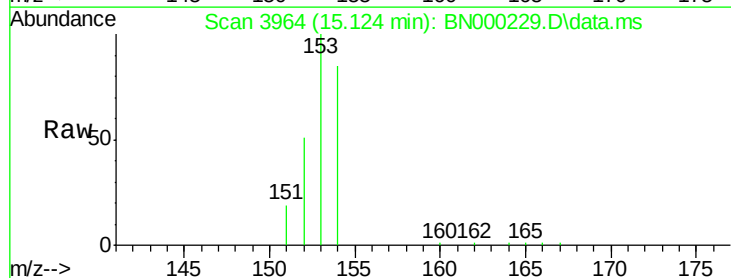
Tgt Ion:153 Resp: 12523

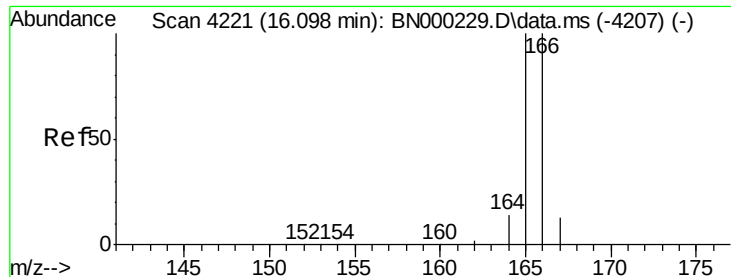
Ion Ratio Lower Upper

153 100

152 51.2 36.0 54.0

154 85.4 72.0 108.0

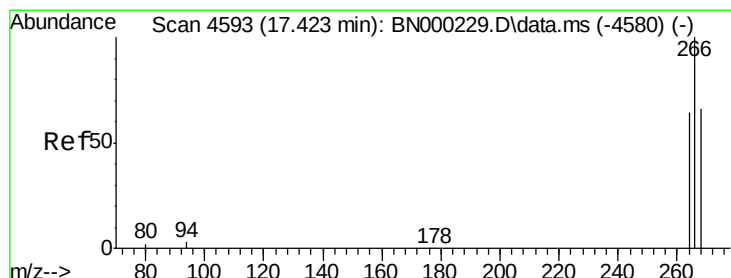
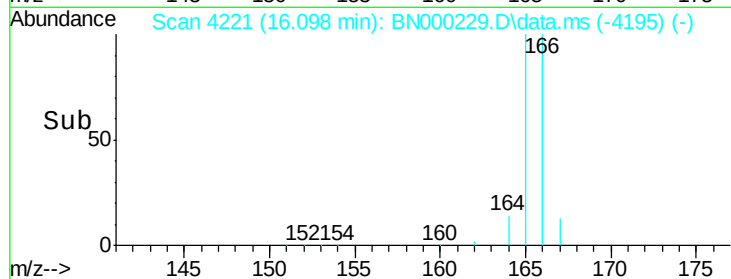
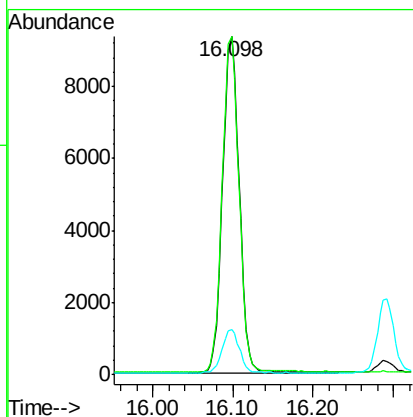
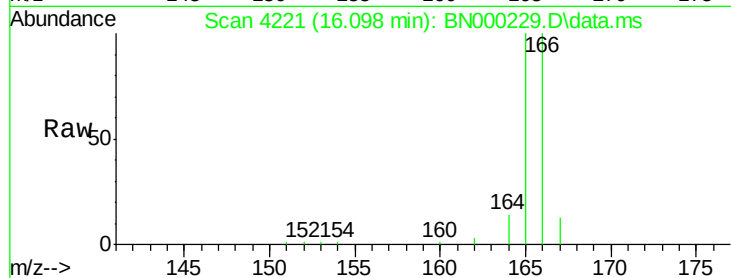




#9
Fluorene
 Concen: 0.37 ng/ul
 RT: 16.098 min Scan# 4221
 Delta R.T. 0.000 min
 Lab File: BN000229.D
 Acq: 02 Mar 2018 11:02

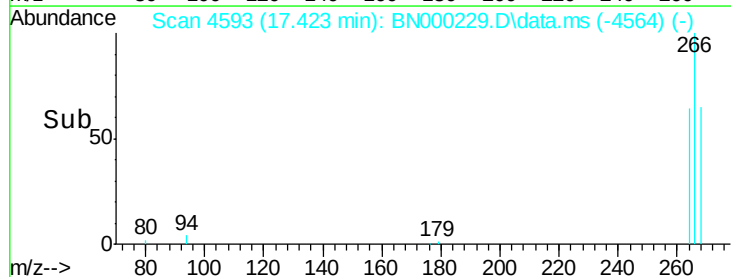
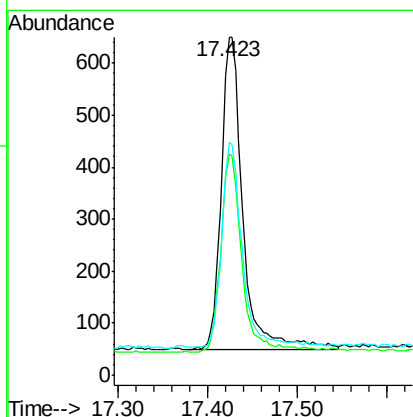
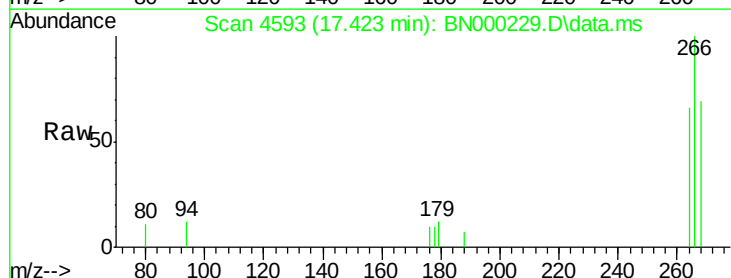
Instrument :
 BNA_N
 ClientSampleId :
 SST0.454

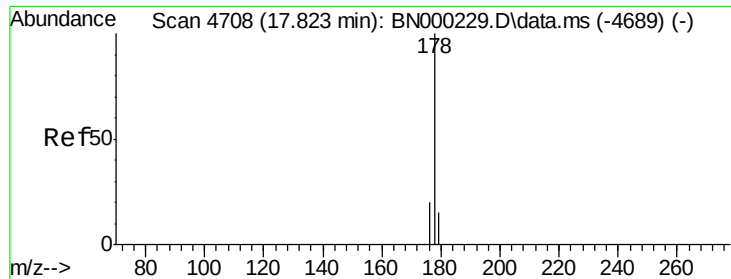
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	73.4	110.2
167	13.3	14.6	22.0



#11
Pentachlorophenol
 Concen: 0.31 ng/ul
 RT: 17.423 min Scan# 4593
 Delta R.T. 0.000 min
 Lab File: BN000229.D
 Acq: 02 Mar 2018 11:02

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.1	47.9	71.9
268	63.2	49.8	74.8





#12

Phenanthrene

Concen: 0.37 ng/ul

RT: 17.823 min Scan# 47

Delta R.T. 0.000 min

Lab File: BN000229.D

Acq: 02 Mar 2018 11:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.454

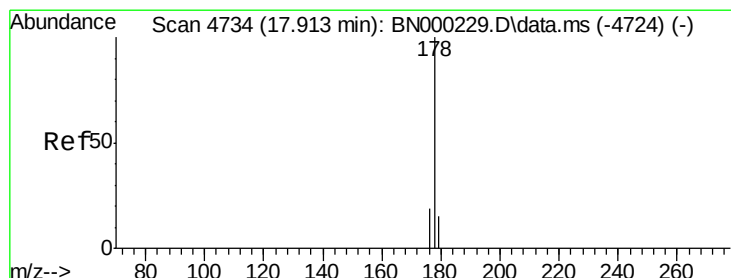
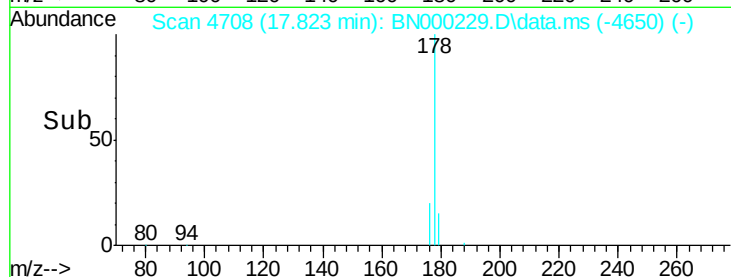
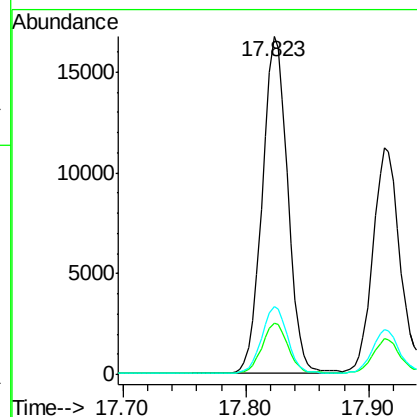
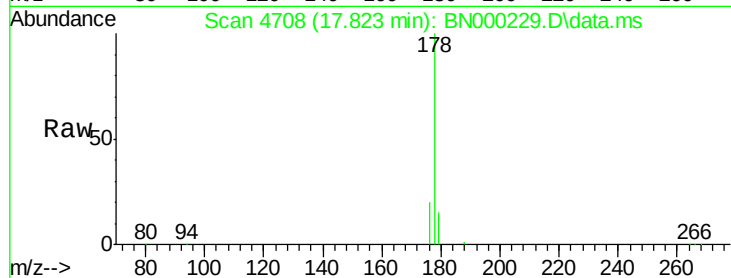
Tot Ion:178 Resp: 23976

Ion Ratio Lower Upper

178 100

179 15.1 18.4 27.6#

176 20.2 13.6 20.4



#13

Anthracene

Concen: 0.36 ng/ul

RT: 17.913 min Scan# 4734

Delta R.T. 0.000 min

Lab File: BN000229.D

Acq: 02 Mar 2018 11:02

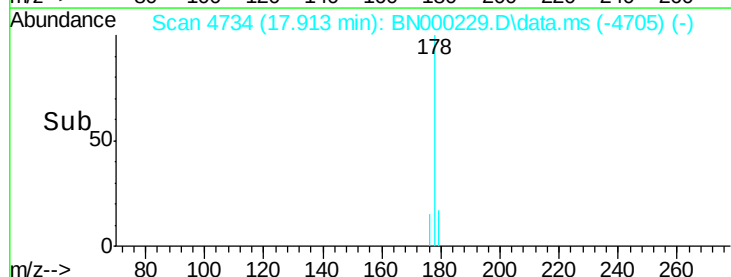
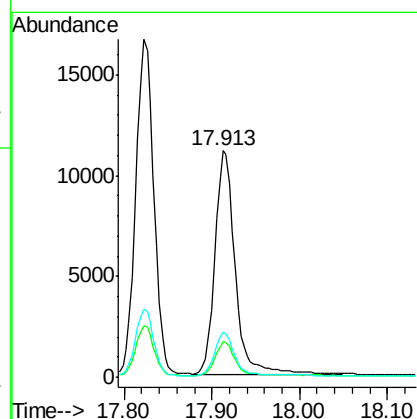
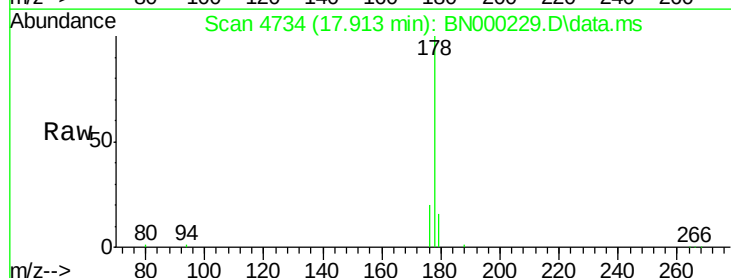
Tgt Ion:178 Resp: 17629

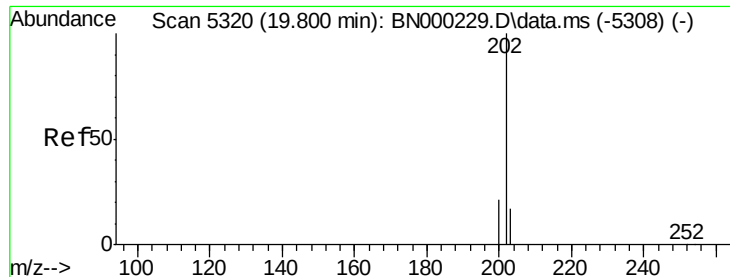
Ion Ratio Lower Upper

178 100

179 16.1 18.1 27.1#

176 19.8 14.7 22.1





#15

Fluoranthene

Concen: 0.36 ng/ul

RT: 19.800 min Scan# 53

Delta R.T. 0.000 min

Lab File: BN000229.D

Acq: 02 Mar 2018 11:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.454

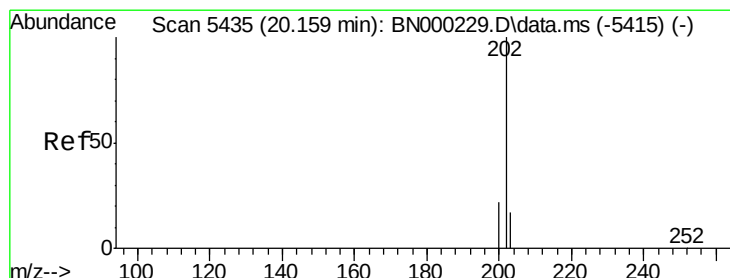
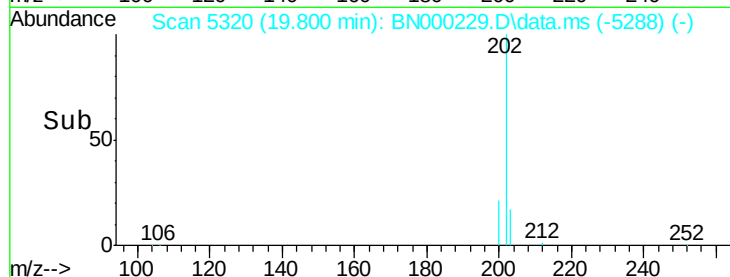
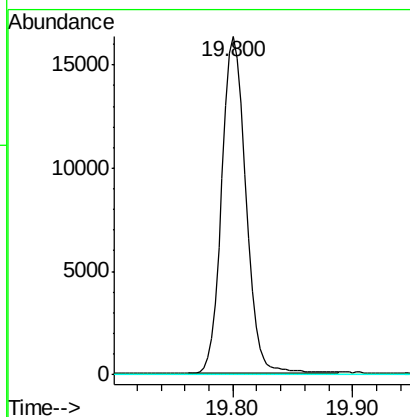
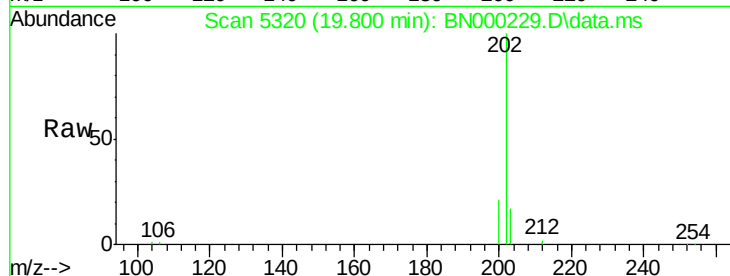
Tot Ion:202 Resp: 22836

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.3

100 0.0 0.0 39.5



#17

Pyrene

Concen: 0.37 ng/ul

RT: 20.159 min Scan# 5435

Delta R.T. 0.000 min

Lab File: BN000229.D

Acq: 02 Mar 2018 11:02

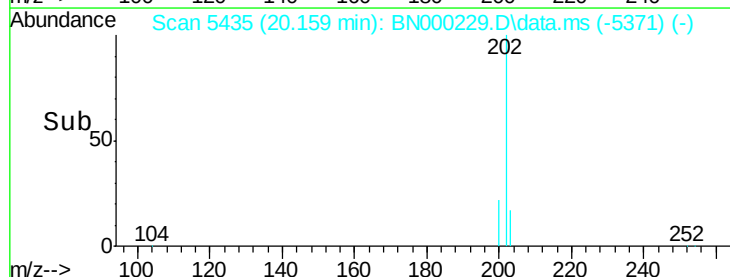
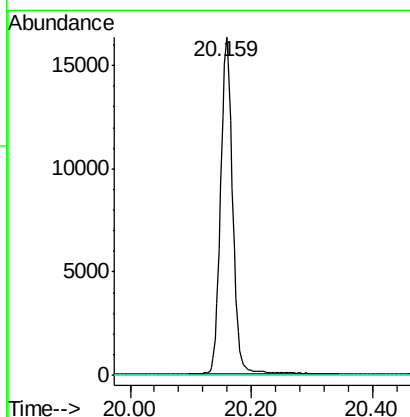
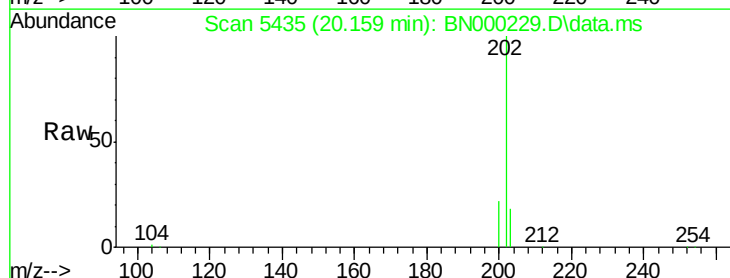
Tgt Ion:202 Resp: 22393

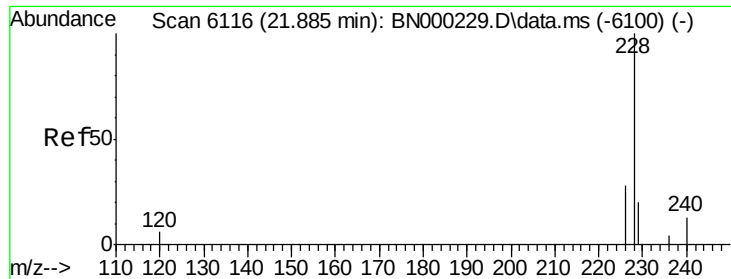
Ion Ratio Lower Upper

202 100

101 0.0 18.2 27.4#

100 0.0 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.36 ng/ul

RT: 21.885 min Scan# 6116

Delta R.T. 0.000 min

Lab File: BN000229.D

Acq: 02 Mar 2018 11:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.454

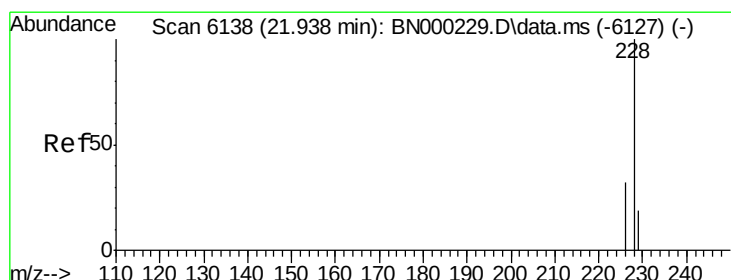
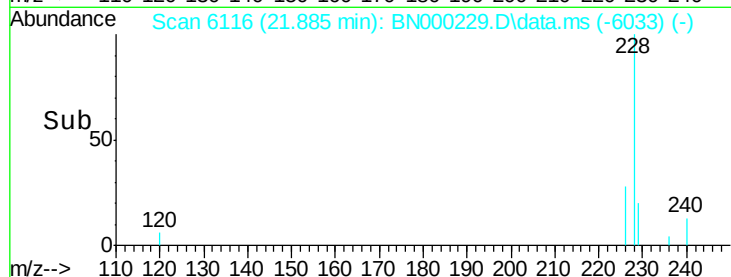
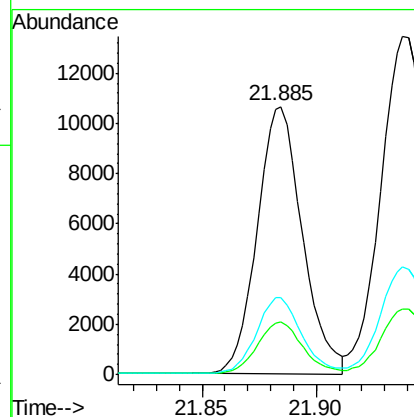
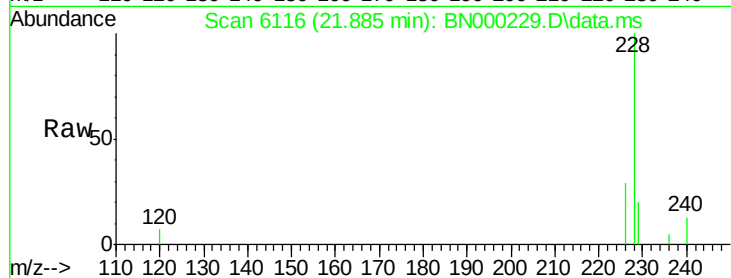
Tot Ion:228 Resp: 14537

Ion Ratio Lower Upper

228 100

229 19.9 22.8 34.2#

226 28.5 17.0 25.6#



#19

Chrysene

Concen: 0.36 ng/ul

RT: 21.938 min Scan# 6138

Delta R.T. 0.000 min

Lab File: BN000229.D

Acq: 02 Mar 2018 11:02

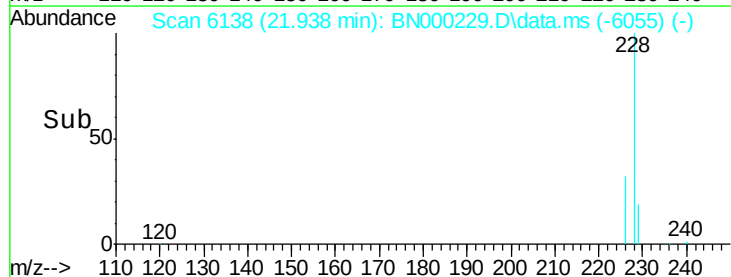
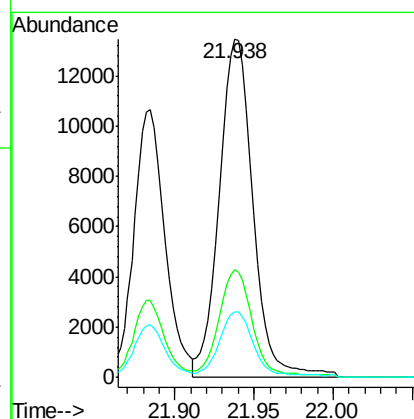
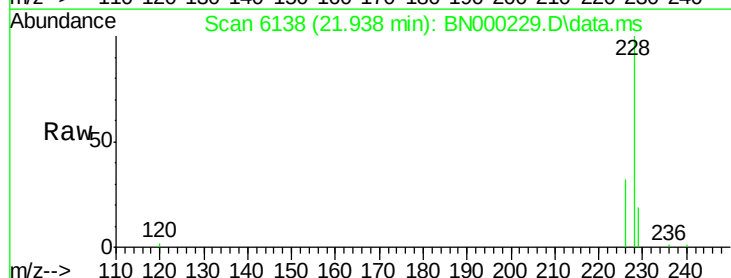
Tgt Ion:228 Resp: 19967

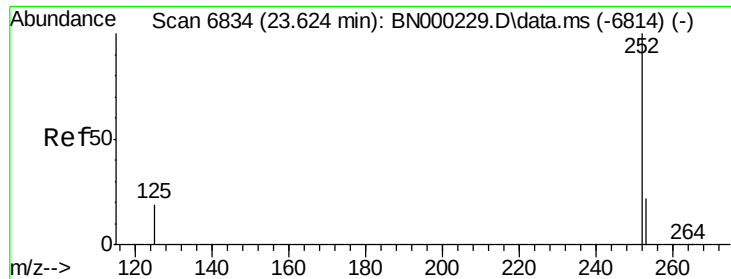
Ion Ratio Lower Upper

228 100

226 31.8 23.4 35.0

229 19.3 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.36 ng/ul

RT: 23.624 min Scan# 6834

Delta R.T. 0.000 min

Lab File: BN000229.D

Acq: 02 Mar 2018 11:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.454

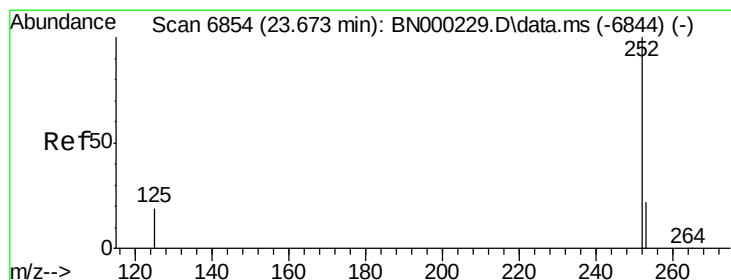
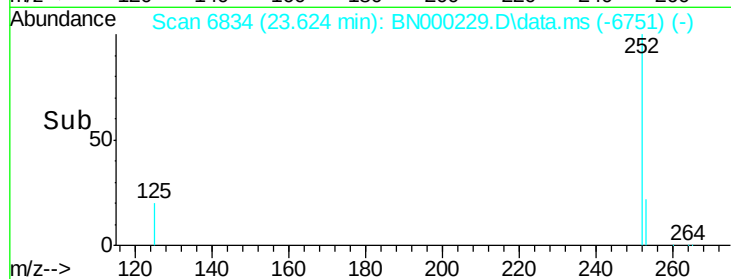
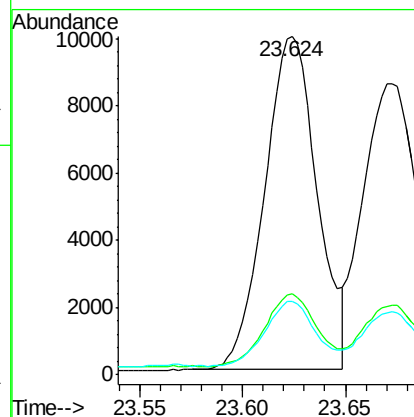
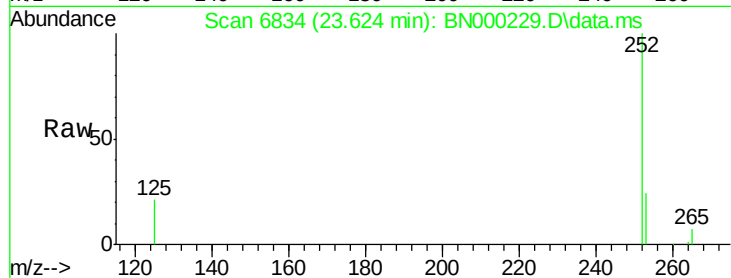
Tot Ion:252 Resp: 17703

Ion Ratio Lower Upper

252 100

253 23.9 0.0 64.2

125 21.5 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.36 ng/ul

RT: 23.673 min Scan# 6854

Delta R.T. 0.000 min

Lab File: BN000229.D

Acq: 02 Mar 2018 11:02

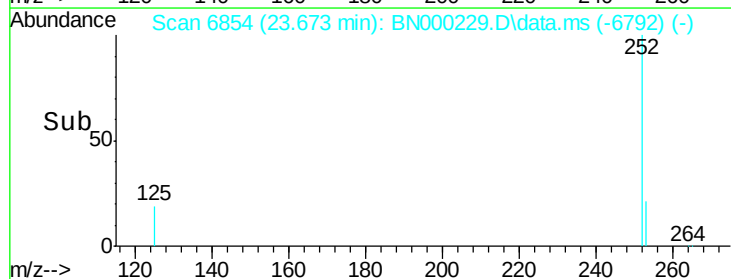
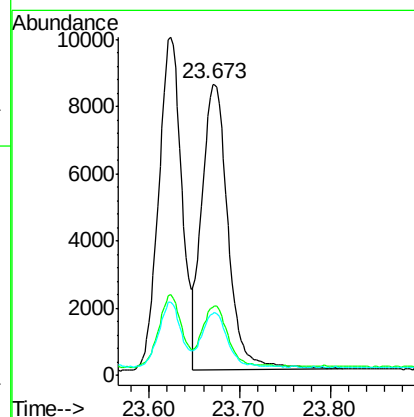
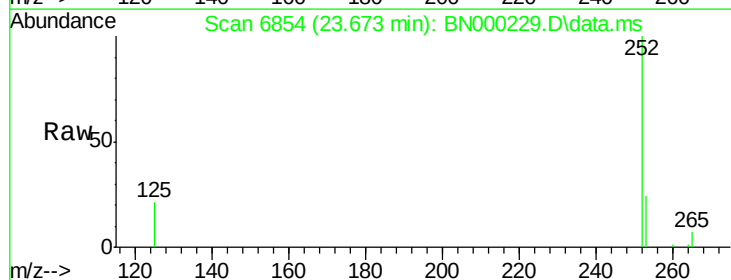
Tgt Ion:252 Resp: 17002

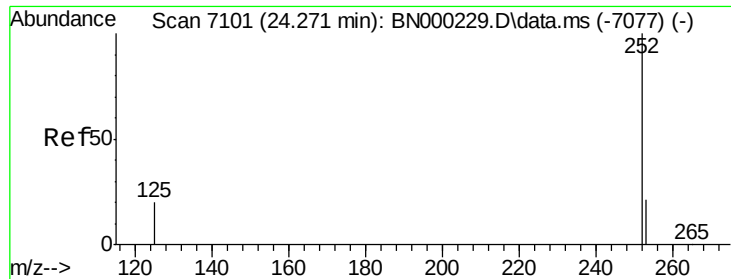
Ion Ratio Lower Upper

252 100

253 23.9 24.5 36.7#

125 21.5 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.36 ng/ul

RT: 24.271 min Scan# 71

Delta R.T. 0.000 min

Lab File: BN000229.D

Acq: 02 Mar 2018 11:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.454

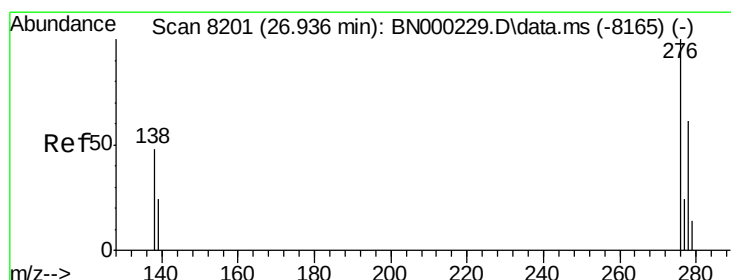
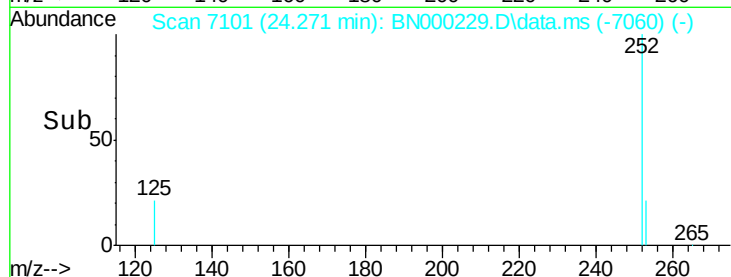
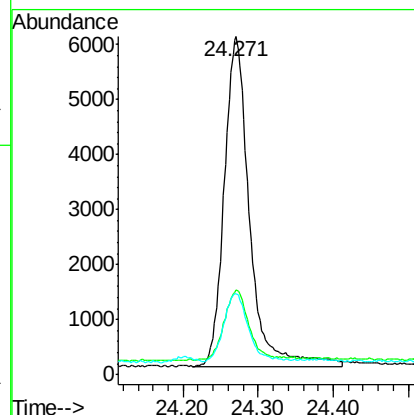
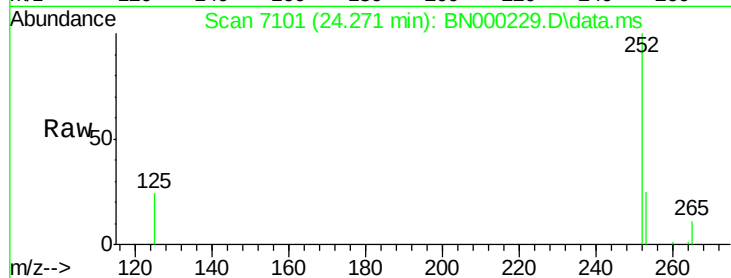
Tot Ion:252 Resp: 14090

Ion Ratio Lower Upper

252 100

253 24.9 28.5 42.7#

125 23.8 18.1 27.1



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.36 ng/ul

RT: 26.936 min Scan# 8201

Delta R.T. 0.000 min

Lab File: BN000229.D

Acq: 02 Mar 2018 11:02

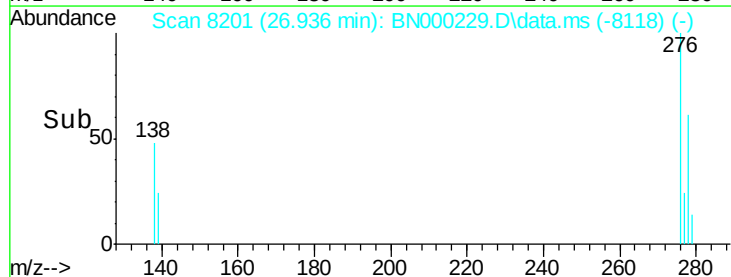
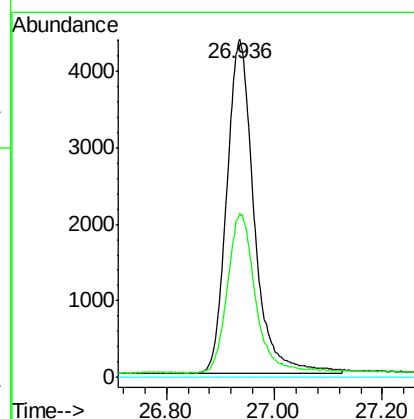
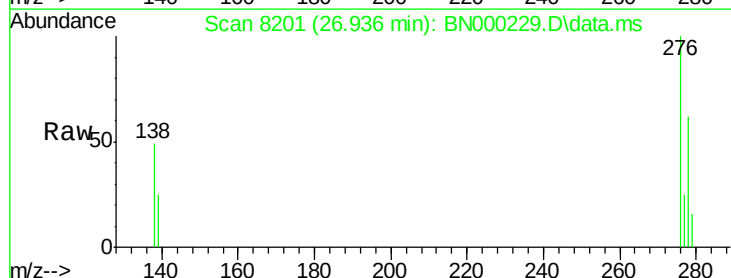
Tgt Ion:276 Resp: 15673

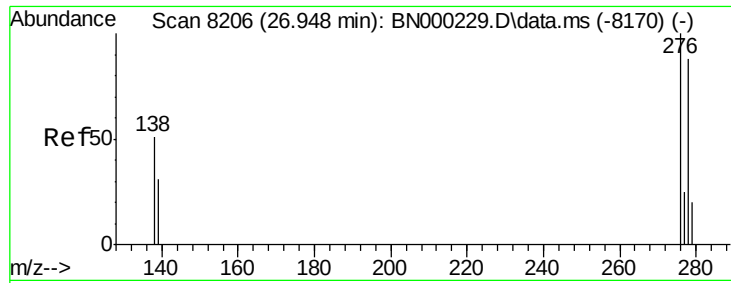
Ion Ratio Lower Upper

276 100

138 48.3 28.0 42.0#

227 0.0 8.0 12.0#

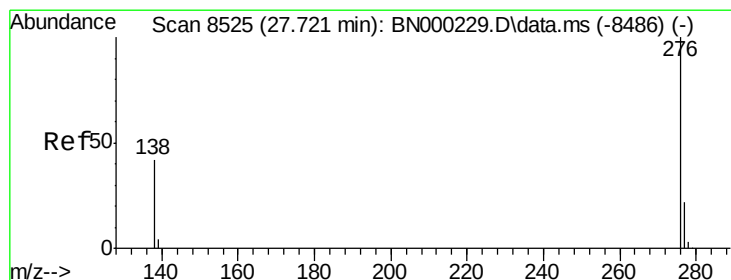
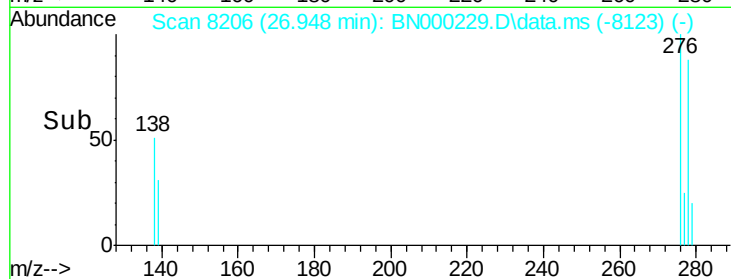
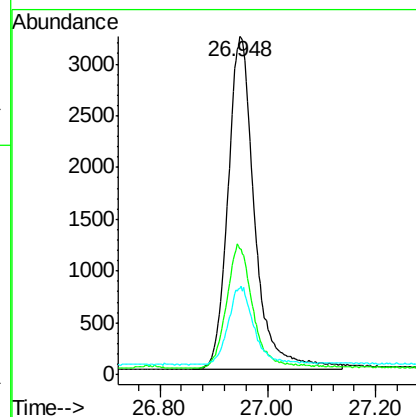
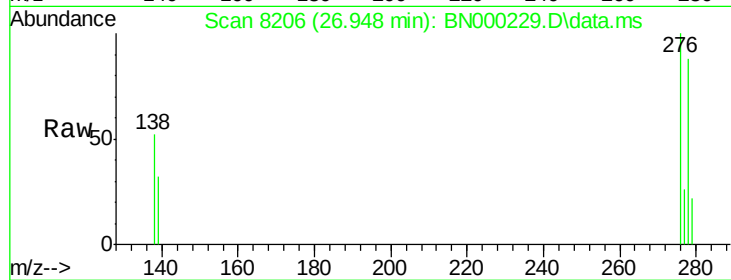




#25
 Dibenzo(a,h)anthracene
 Concen: 0.35 ng/ul
 RT: 26.948 min Scan# 8206
 Delta R.T. 0.000 min
 Lab File: BN000229.D
 Acq: 02 Mar 2018 11:02

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.454

Tot Ion:278 Resp: 11209
 Ion Ratio Lower Upper
 278 100
 139 37.0 17.4 26.0#
 279 25.4 25.9 38.9#



#26
 Benzo(g,h,i)perylene
 Concen: 0.36 ng/ul
 RT: 27.721 min Scan# 8525
 Delta R.T. 0.000 min
 Lab File: BN000229.D
 Acq: 02 Mar 2018 11:02

Tgt Ion:276 Resp: 15429
 Ion Ratio Lower Upper
 276 100
 138 43.0 21.8 32.8#
 277 23.3 20.5 30.7

