

Data Path : Z:\HPCHEM1\BNA N\Data\BN030218\
 Data File : BN000227.D
 Acq On : 02 Mar 2018 09:53
 Operator : JU/SJ
 Sample : SSTD0.152
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.152

Quant Time: Mar 05 09:36:45 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	3521	0.40	ng/ul	0.00
2) Naphthalene-d8	11.291	136	11099	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.061	164	4721	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.783	188	11154	0.40	ng/ul	0.00
16) Chrysene-d12	21.898	240	6845	0.40	ng/ul	0.00
20) Perylene-d12	24.376	264	5663	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.847	152	1456	0.10	ng/ul	0.00
14) Fluoranthene-d10	19.771	212	2496	0.10	ng/ul	0.00

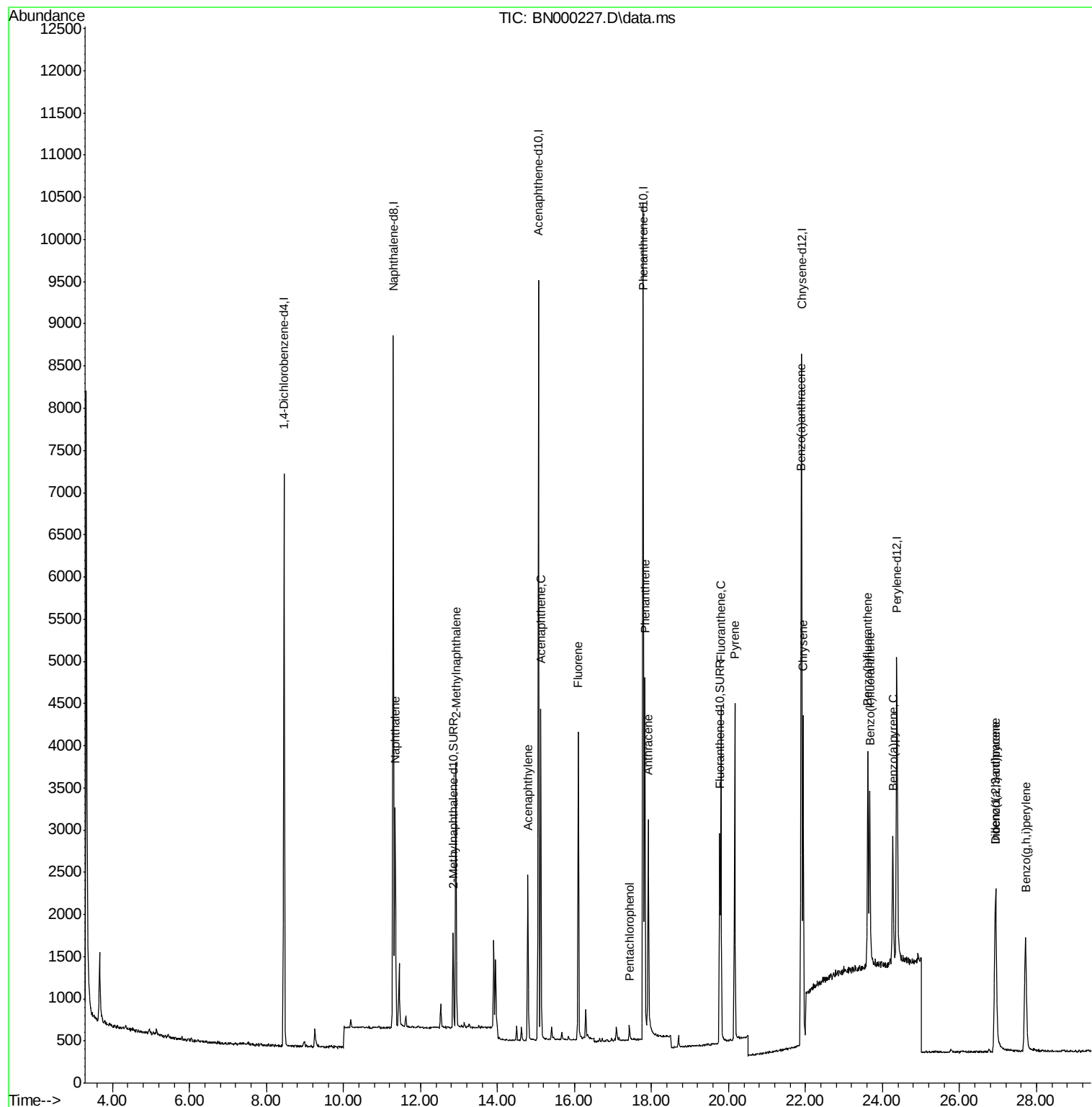
Target Compounds						Ovalue
3) Naphthalene	11.340	128	3582	0.10	ng/ul#	91
5) 2-Methylnaphthalene	12.919	142	2237	0.10	ng/ul	98
7) Acenaphthylene	14.788	152	2343	0.10	ng/ul	99
8) Acenaphthene	15.122	153	2259	0.10	ng/ul#	93
9) Fluorene	16.096	166	2386	0.10	ng/ul	90
11) Pentachlorophenol	17.429	266	132	0.06	ng/ul	94
12) Phenanthrene	17.825	178	4411	0.10	ng/ul#	88
13) Anthracene	17.915	178	3159	0.09	ng/ul#	91
15) Fluoranthene	19.799	202	4031	0.09	ng/ul	62
17) Pyrene	20.161	202	4145	0.10	ng/ul#	55
18) Benzo(a)anthracene	21.878	228	2676	0.10	ng/ul#	84
19) Chrysene	21.936	228	3884	0.11	ng/ul	94
21) Benzo(b)fluoranthene	23.618	252	3358	0.10	ng/ul	90
22) Benzo(k)fluoranthene	23.666	252	2923	0.09	ng/ul#	83
23) Benzo(a)pyrene	24.267	252	2425	0.09	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.932	276	2682	0.09	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.947	278	1829	0.08	ng/ul#	74
26) Benzo(g,h,i)perylene	27.720	276	2912	0.10	ng/ul#	78

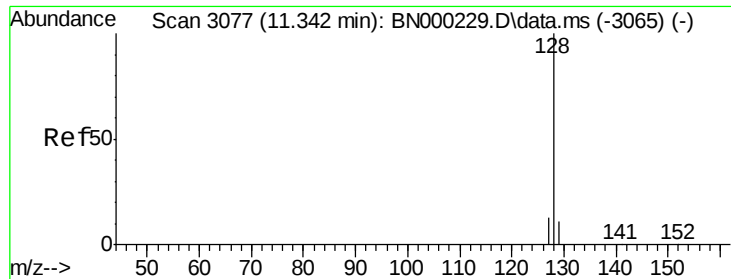
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.10 ng/ul

RT: 11.340 min Scan# 3077

Delta R.T. -0.002 min

Lab File: BN000227.D

Acq: 02 Mar 2018 09:53

Instrument :

BNA_N

ClientSampleId :

SSTD0.152

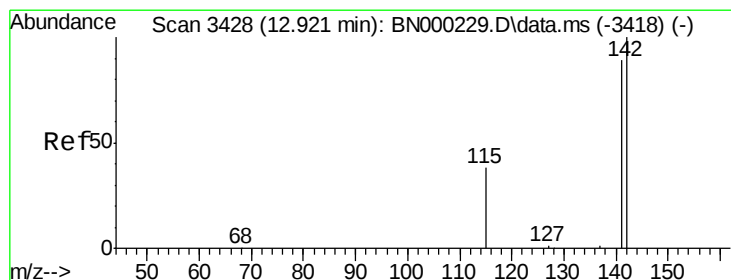
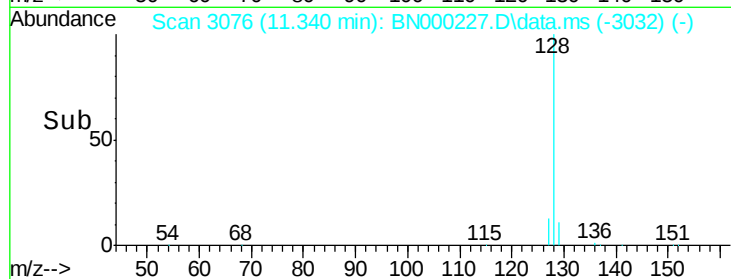
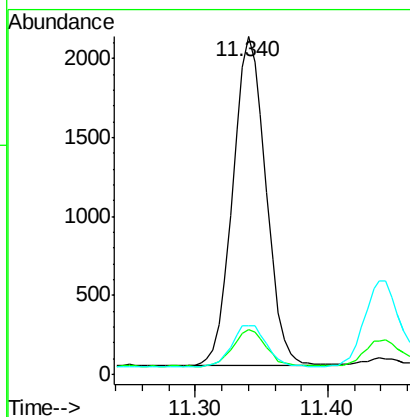
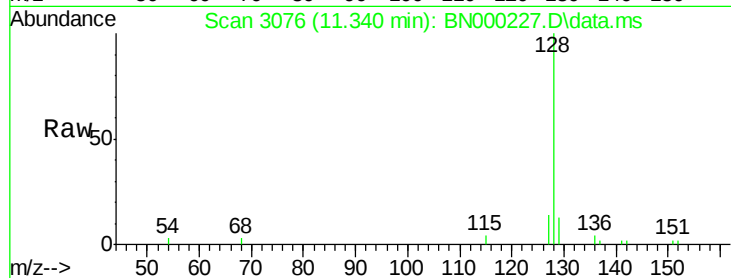
Tot Ion:128 Resp: 3582

Ion Ratio Lower Upper

128 100

129 13.3 11.3 16.9

127 14.5 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.10 ng/ul

RT: 12.919 min Scan# 3427

Delta R.T. -0.002 min

Lab File: BN000227.D

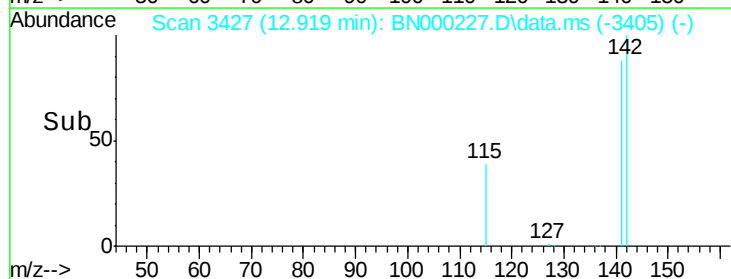
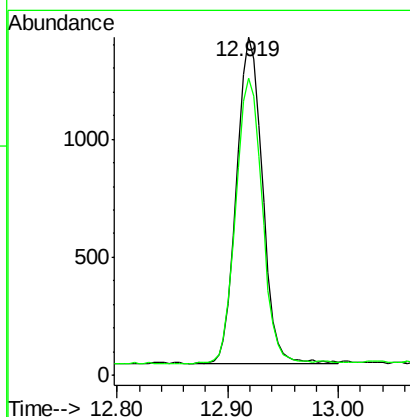
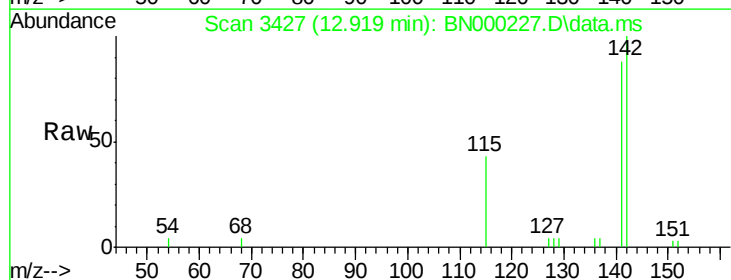
Acq: 02 Mar 2018 09:53

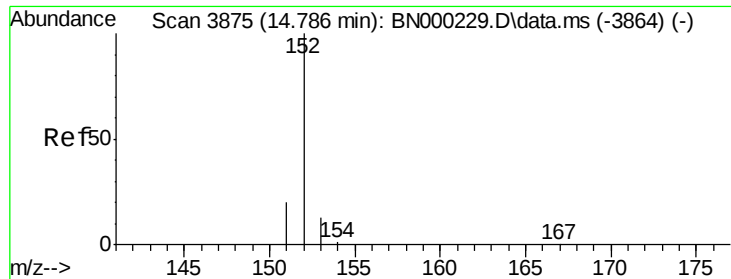
Tgt Ion:142 Resp: 2237

Ion Ratio Lower Upper

142 100

141 88.8 72.6 108.8





#7

Acenaphthylene

Concen: 0.10 ng/ul

RT: 14.788 min Scan# 3875

Delta R.T. 0.002 min

Lab File: BN000227.D

Acq: 02 Mar 2018 09:53

Instrument :

BNA_N

ClientSampleId :

SSTD0.152

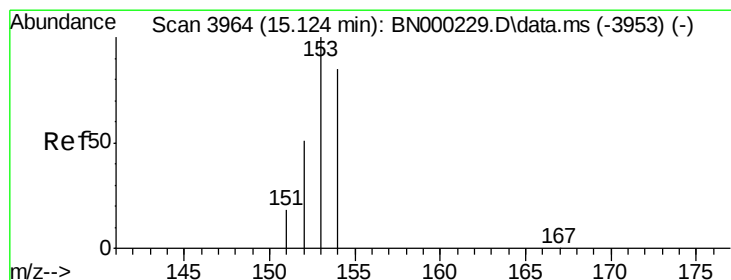
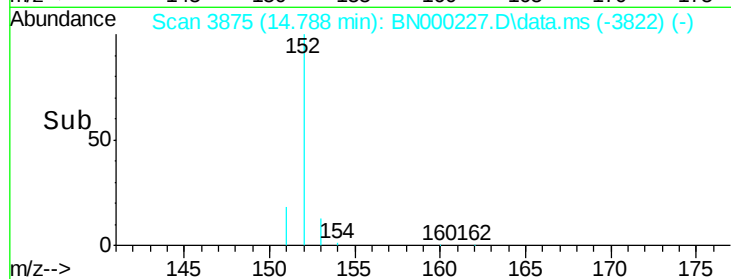
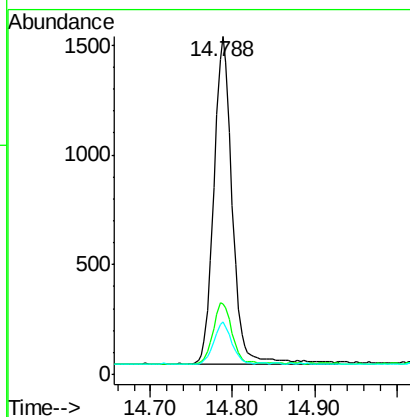
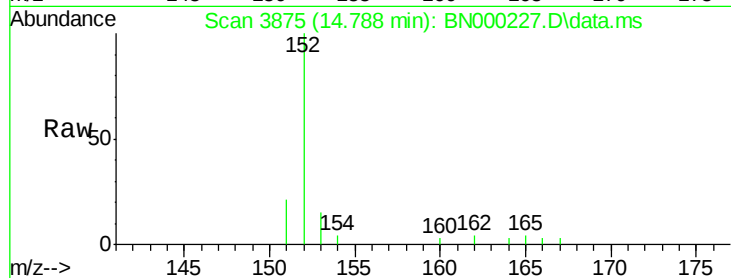
Tot Ion:152 Resp: 2343

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

153 15.5 12.8 19.2



#8

Acenaphthene

Concen: 0.10 ng/ul

RT: 15.122 min Scan# 3963

Delta R.T. -0.002 min

Lab File: BN000227.D

Acq: 02 Mar 2018 09:53

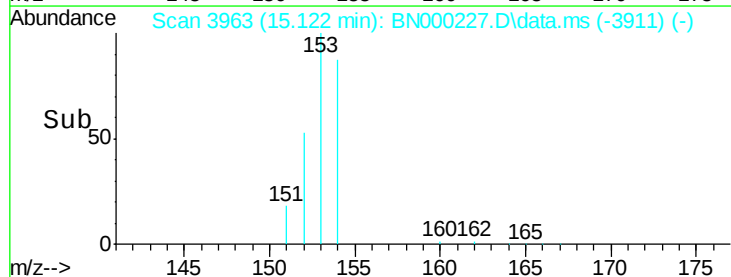
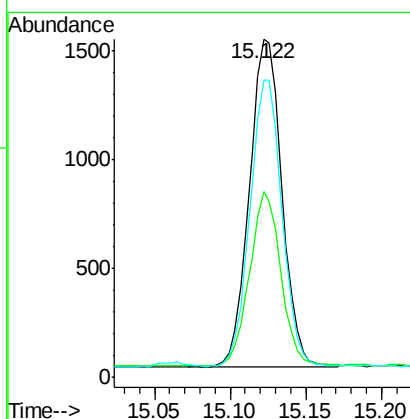
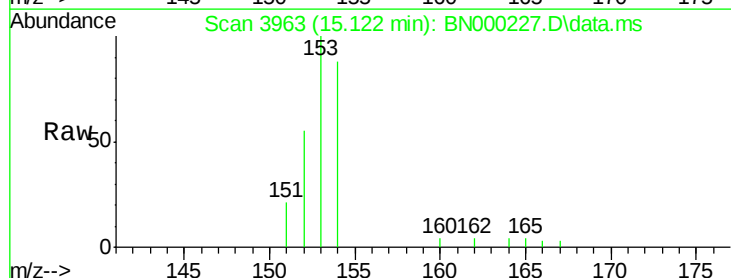
Tgt Ion:153 Resp: 2259

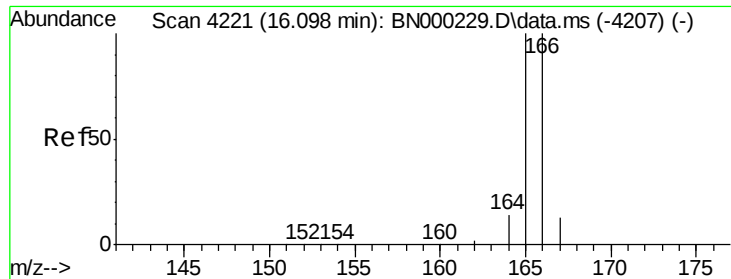
Ion Ratio Lower Upper

153 100

152 54.9 36.0 54.0#

154 87.8 72.0 108.0

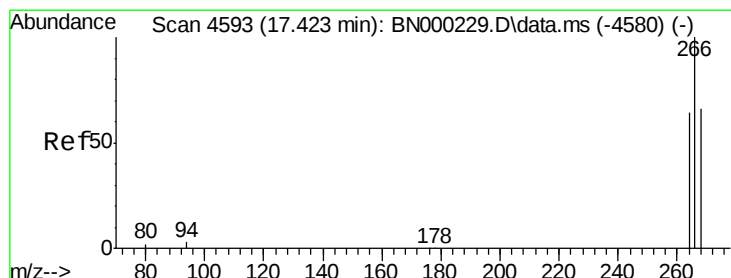
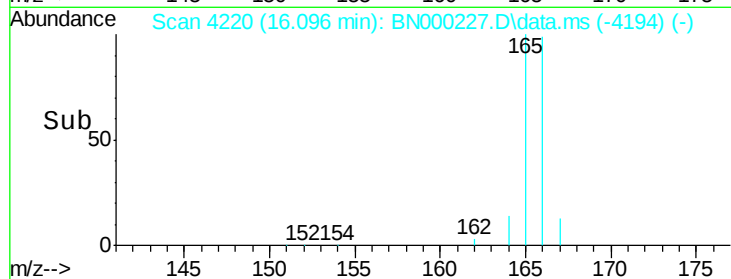
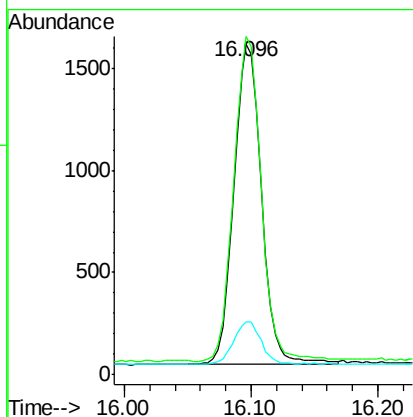
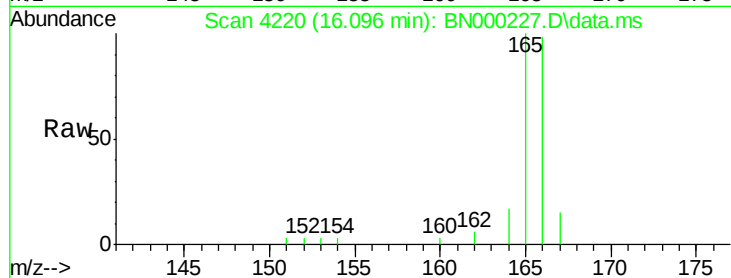




#9
Fluorene
 Concen: 0.10 ng/ul
 RT: 16.096 min Scan# 42
 Delta R.T. -0.002 min
 Lab File: BN000227.D
 Acq: 02 Mar 2018 09:53

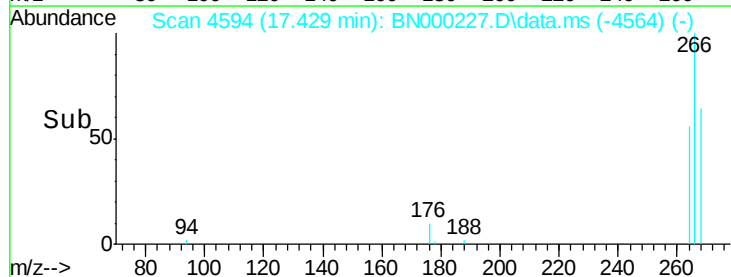
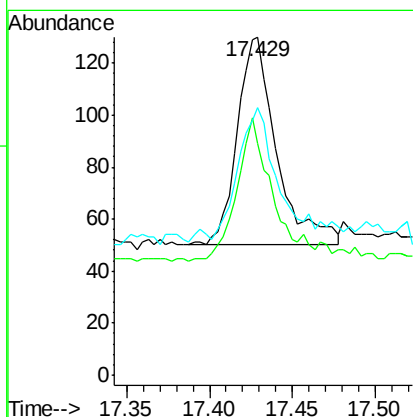
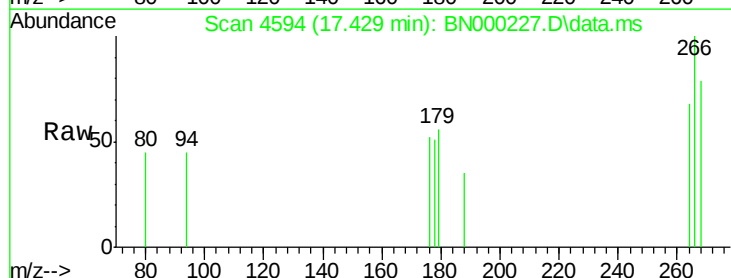
Instrument :
 BNA_N
 ClientSampleId :
 SST0.152

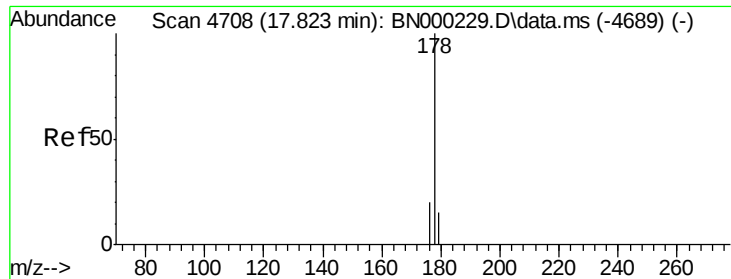
Tot Ion:	166	Resp:	2386
Ion Ratio	Lower	Upper	
166	100		
165	102.5	73.4	110.2
167	15.8	14.6	22.0



#11
Pentachlorophenol
 Concen: 0.06 ng/ul
 RT: 17.429 min Scan# 4594
 Delta R.T. 0.006 min
 Lab File: BN000227.D
 Acq: 02 Mar 2018 09:53

Tgt Ion:	266	Resp:	132
Ion Ratio	Lower	Upper	
266	100		
264	62.1	47.9	71.9
268	69.7	49.8	74.8





#12

Phenanthrene

Concen: 0.10 ng/ul

RT: 17.825 min Scan# 47

Delta R.T. 0.002 min

Lab File: BN000227.D

Acq: 02 Mar 2018 09:53

Instrument :

BNA_N

ClientSampleId :

SSTD0.152

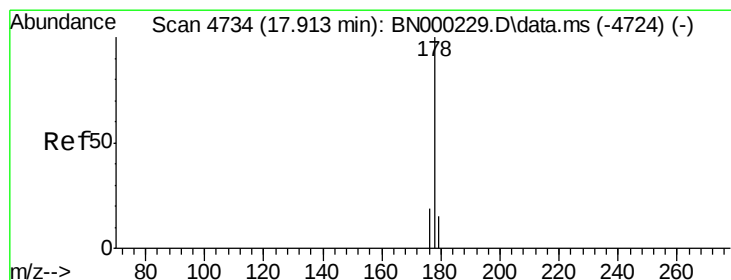
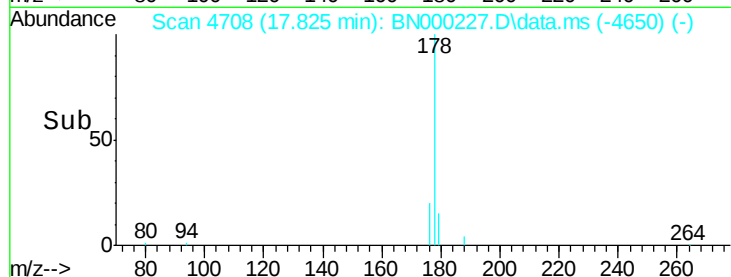
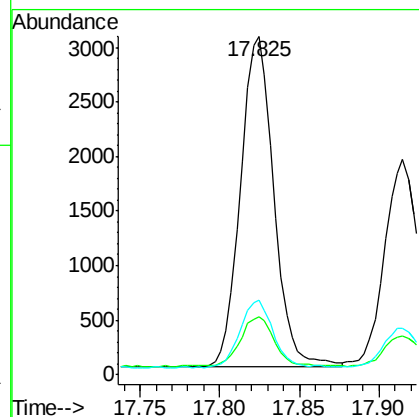
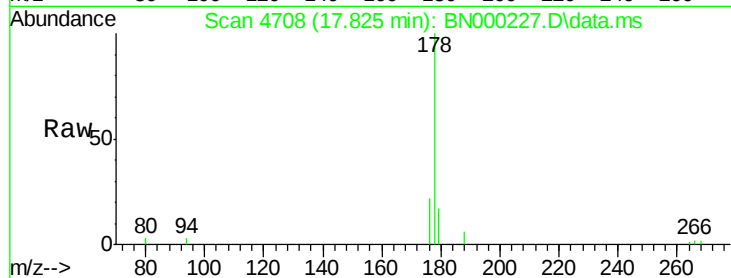
Tot Ion:178 Resp: 4411

Ion Ratio Lower Upper

178 100

179 17.1 18.4 27.6#

176 21.9 13.6 20.4#



#13

Anthracene

Concen: 0.09 ng/ul

RT: 17.915 min Scan# 4734

Delta R.T. 0.002 min

Lab File: BN000227.D

Acq: 02 Mar 2018 09:53

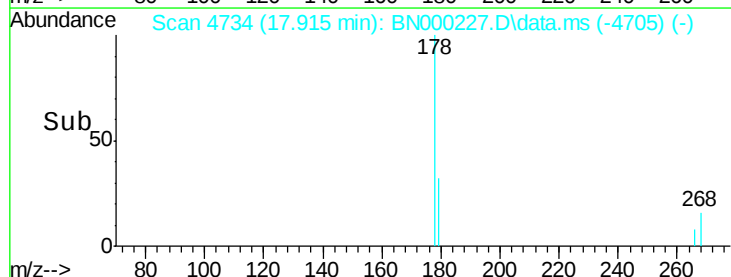
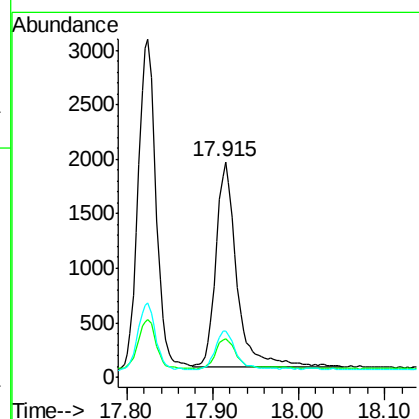
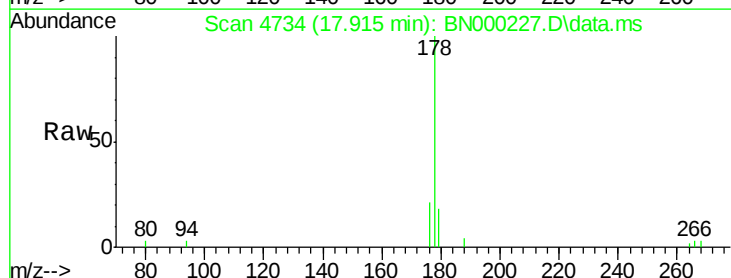
Tgt Ion:178 Resp: 3159

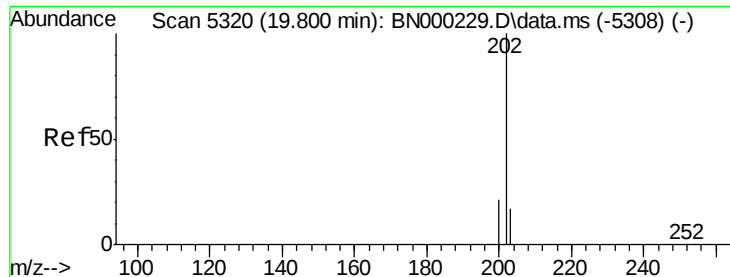
Ion Ratio Lower Upper

178 100

179 17.7 18.1 27.1#

176 21.4 14.7 22.1





#15

Fluoranthene

Concen: 0.09 ng/ul

RT: 19.799 min Scan# 5319

Delta R.T. -0.001 min

Lab File: BN000227.D

Acq: 02 Mar 2018 09:53

Instrument :

BNA_N

ClientSampleId :

SSTD0.152

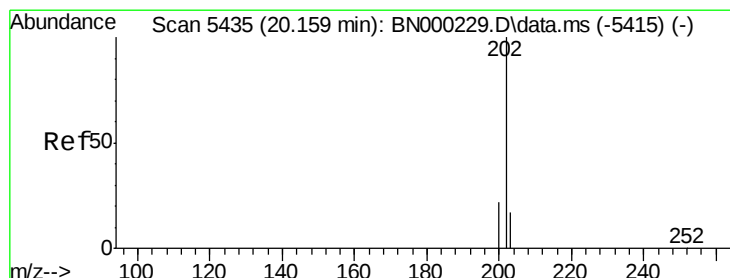
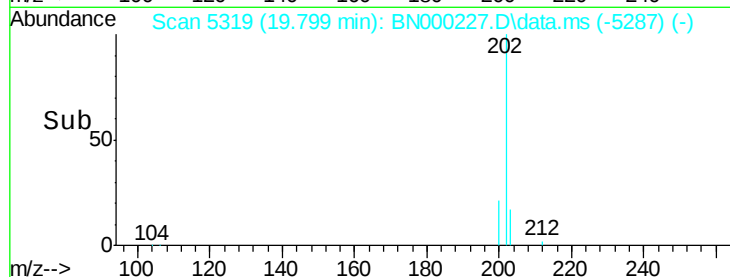
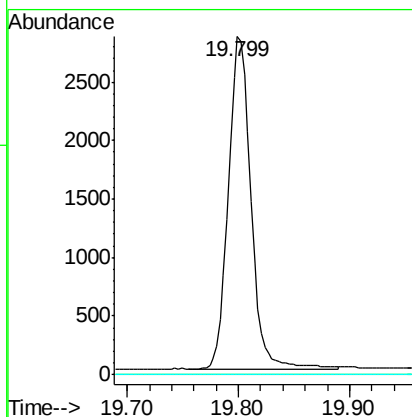
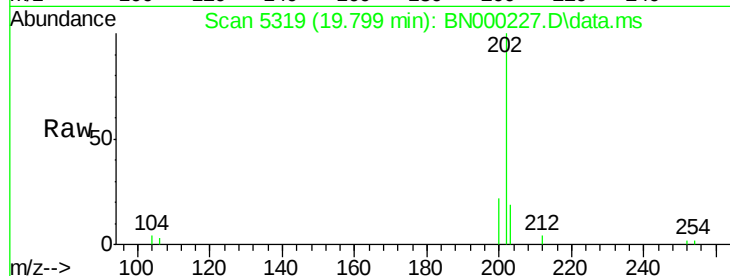
Tot Ion:202 Resp: 4031

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.3

100 0.0 0.0 39.5



#17

Pyrene

Concen: 0.10 ng/ul

RT: 20.161 min Scan# 5435

Delta R.T. 0.002 min

Lab File: BN000227.D

Acq: 02 Mar 2018 09:53

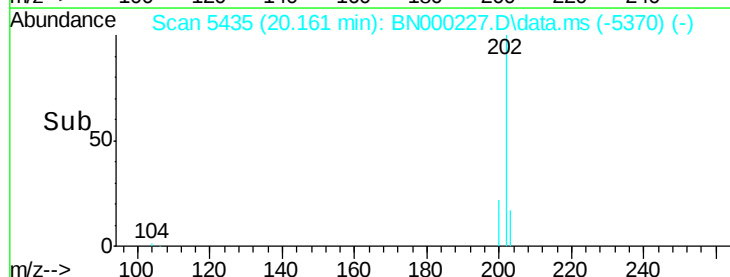
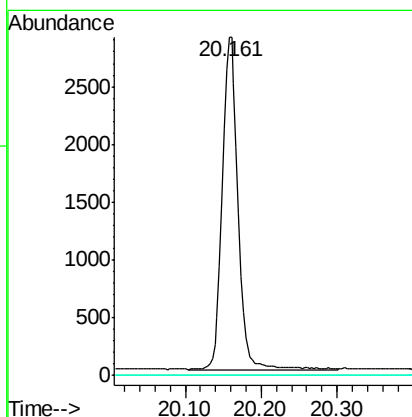
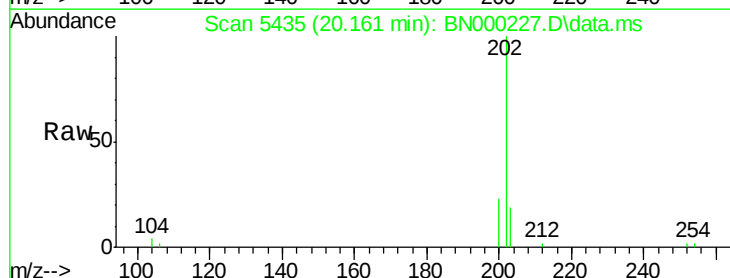
Tgt Ion:202 Resp: 4145

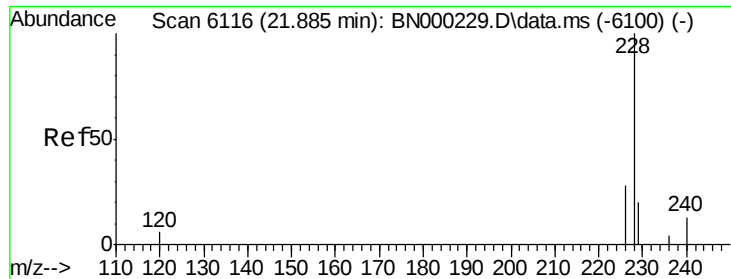
Ion Ratio Lower Upper

202 100

101 0.0 18.2 27.4#

100 0.0 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.10 ng/ul

RT: 21.878 min Scan# 6116

Delta R.T. -0.006 min

Lab File: BN000227.D

Acq: 02 Mar 2018 09:53

Instrument :

BNA_N

ClientSampleId :

SSTD0.152

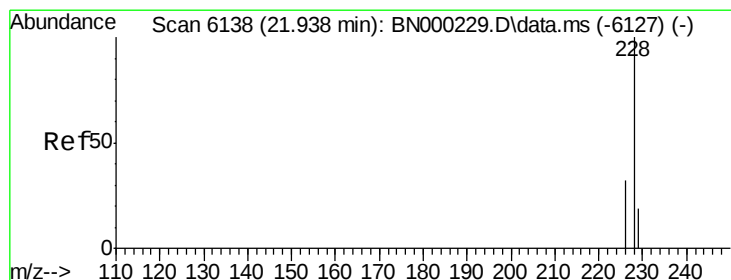
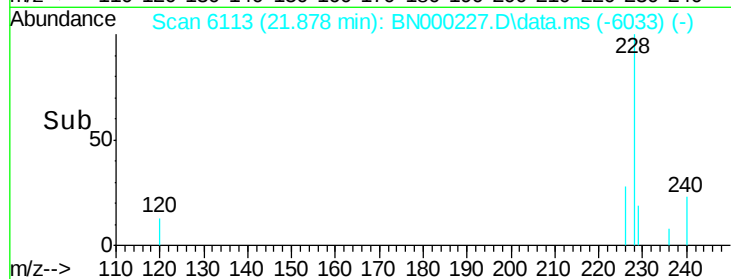
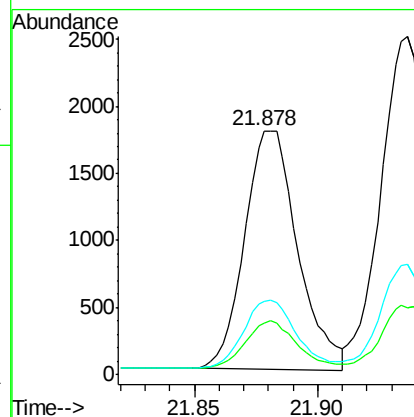
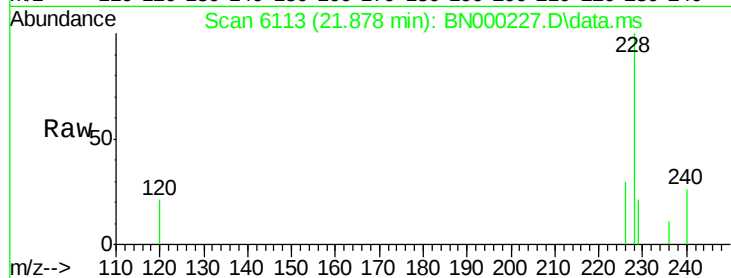
Tot Ion:228 Resp: 2676

Ion Ratio Lower Upper

228 100

229 21.1 22.8 34.2#

226 29.7 17.0 25.6#



#19

Chrysene

Concen: 0.11 ng/ul

RT: 21.936 min Scan# 6137

Delta R.T. -0.001 min

Lab File: BN000227.D

Acq: 02 Mar 2018 09:53

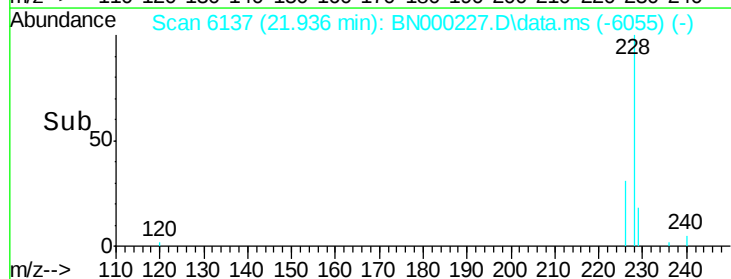
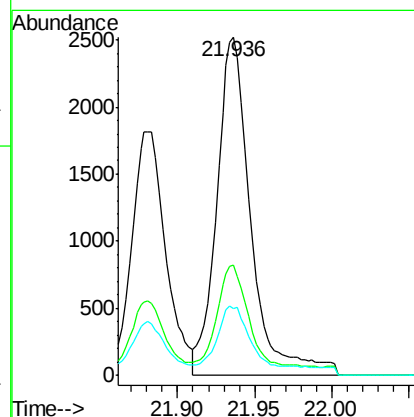
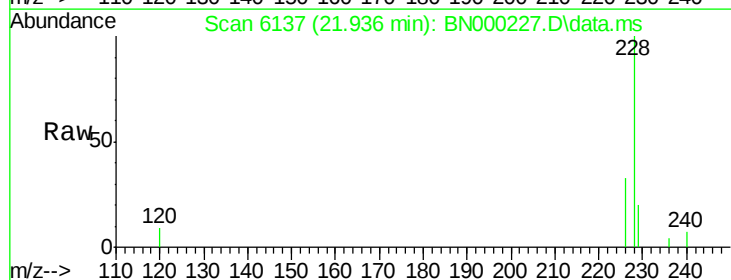
Tgt Ion:228 Resp: 3884

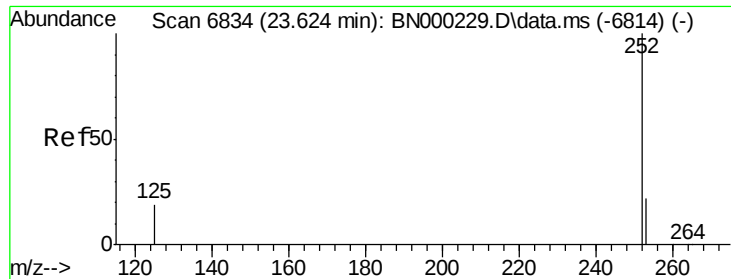
Ion Ratio Lower Upper

228 100

226 32.7 23.4 35.0

229 19.8 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.10 ng/u1

RT: 23.618 min Scan# 68

Delta R.T. -0.006 min

Lab File: BN000227.D

Acq: 02 Mar 2018 09:53

Instrument :

BNA_N

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SSTD0.152

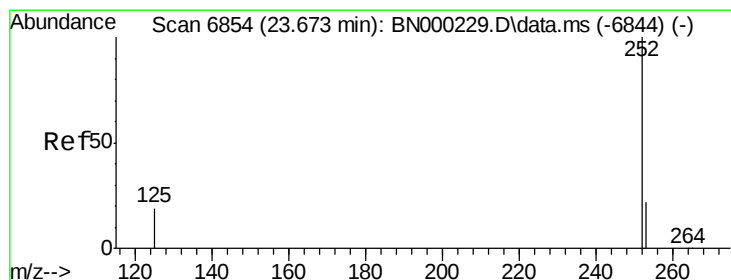
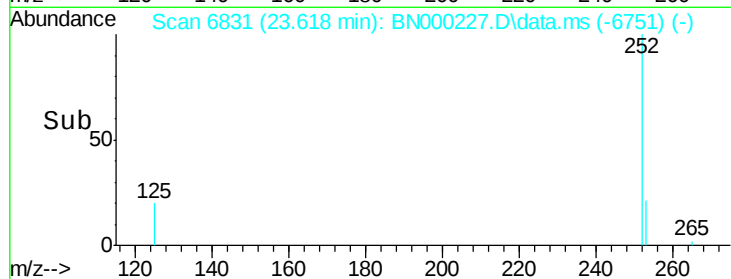
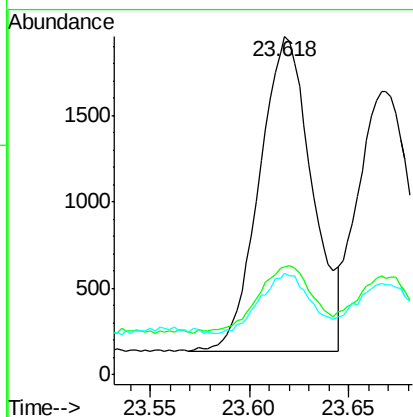
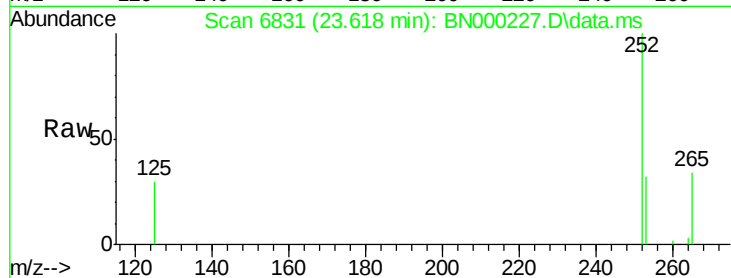
Tot Ion:252 Resp: 3358

Ion Ratio Lower Upper

252 100

253 31.9 0.0 64.2

125 29.8 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.09 ng/u1

RT: 23.666 min Scan# 6851

Delta R.T. -0.006 min

Lab File: BN000227.D

Acq: 02 Mar 2018 09:53

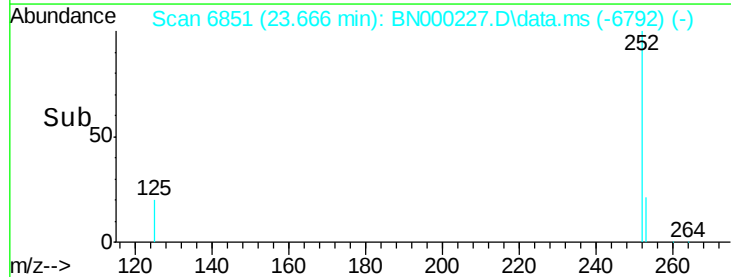
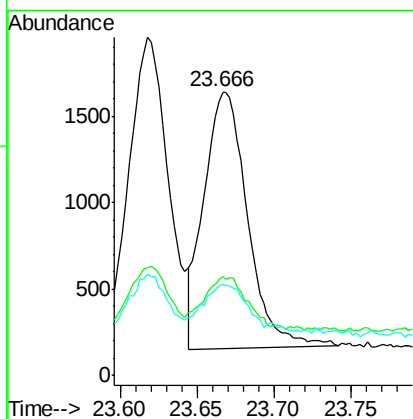
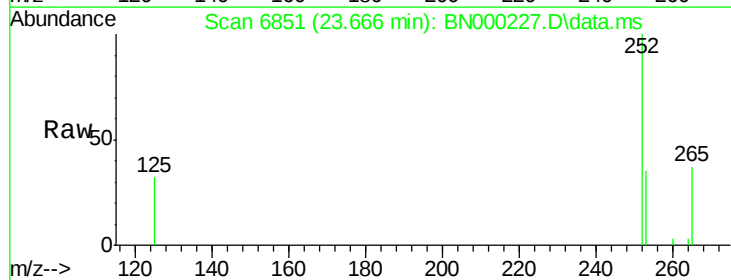
Tgt Ion:252 Resp: 2923

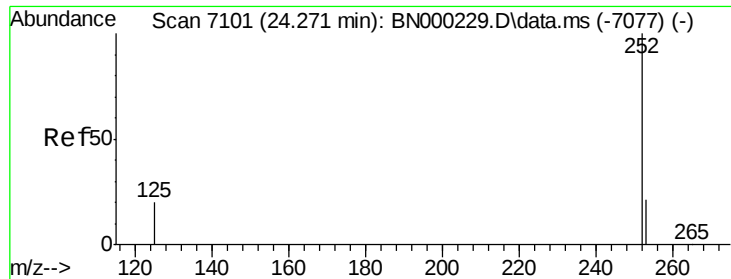
Ion Ratio Lower Upper

252 100

253 34.9 24.5 36.7

125 32.1 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.09 ng/ul

RT: 24.267 min Scan# 70

Delta R.T. -0.004 min

Lab File: BN000227.D

Acq: 02 Mar 2018 09:53

Instrument :

BNA_N

ClientSampleId :

SSTD0.152

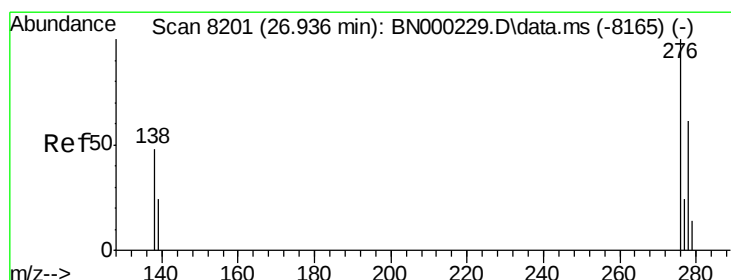
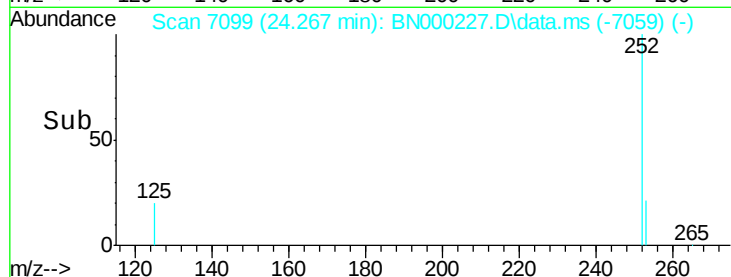
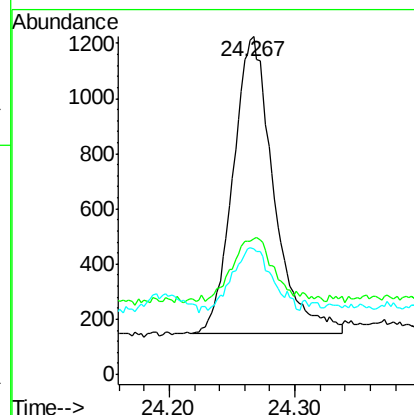
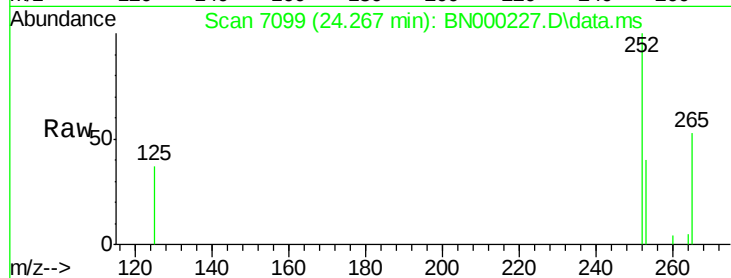
Tot Ion:252 Resp: 2425

Ion Ratio Lower Upper

252 100

253 40.2 28.5 42.7

125 37.2 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.09 ng/ul

RT: 26.932 min Scan# 8199

Delta R.T. -0.004 min

Lab File: BN000227.D

Acq: 02 Mar 2018 09:53

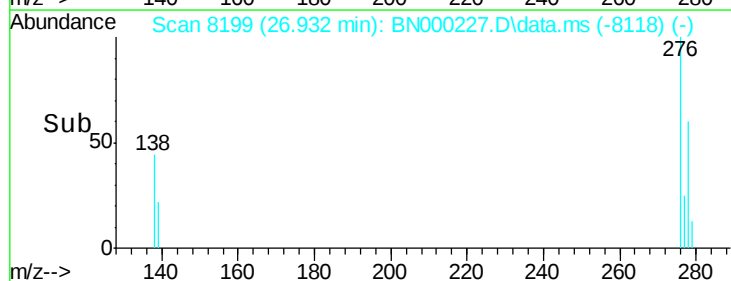
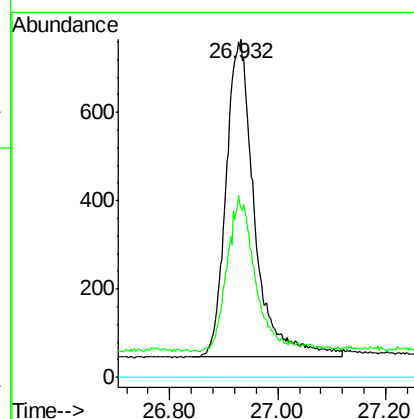
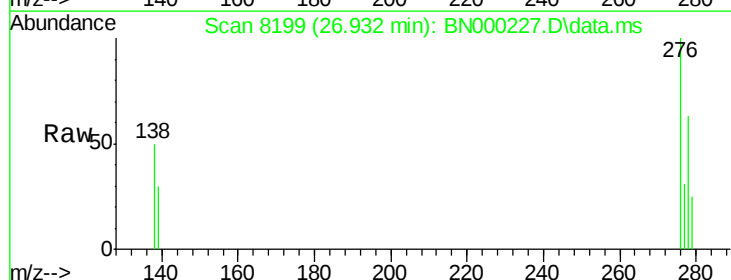
Tgt Ion:276 Resp: 2682

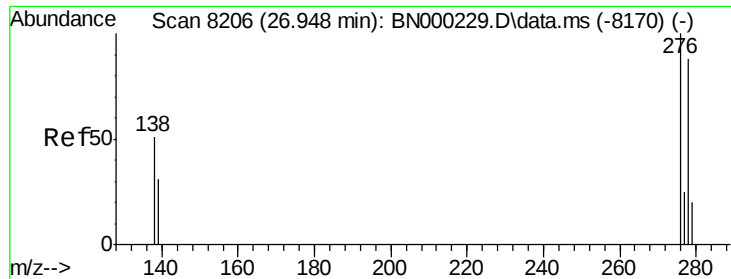
Ion Ratio Lower Upper

276 100

138 46.7 28.0 42.0#

227 0.0 8.0 12.0#

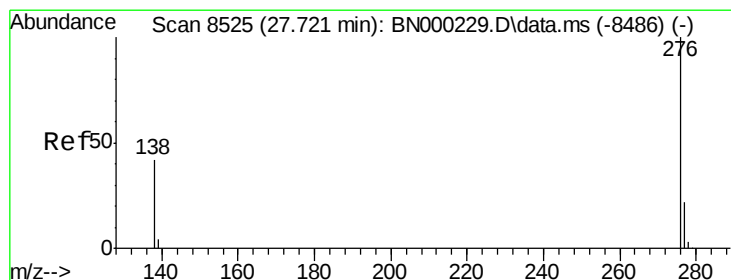
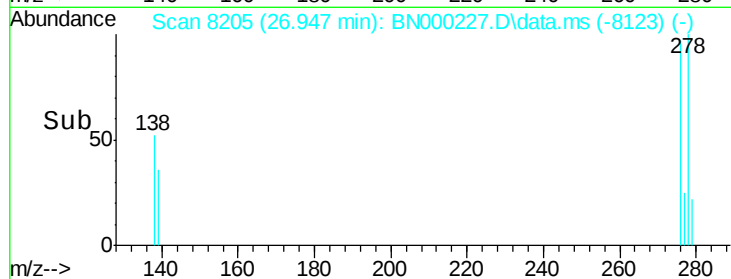
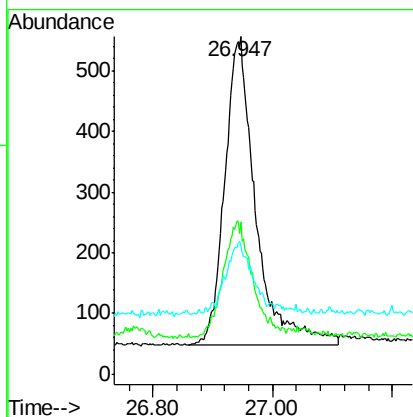
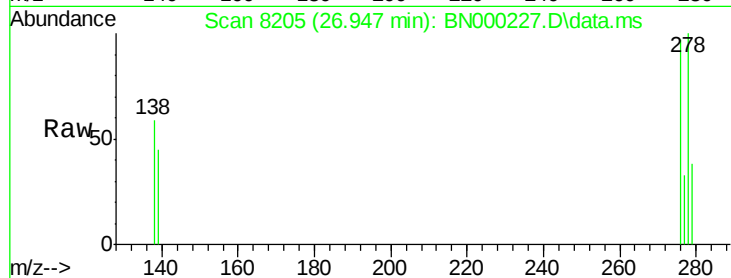




#25
 Dibenzo(a,h)anthracene
 Concen: 0.08 ng/ul
 RT: 26.947 min Scan# 82
 Delta R.T. -0.001 min
 Lab File: BN000227.D
 Acq: 02 Mar 2018 09:53

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.152

Tot Ion:278 Resp: 1829
 Ion Ratio Lower Upper
 278 100
 139 45.0 17.4 26.0#
 279 37.9 25.9 38.9



#26
 Benzo(g,h,i)perylene
 Concen: 0.10 ng/ul
 RT: 27.720 min Scan# 8524
 Delta R.T. -0.001 min
 Lab File: BN000227.D
 Acq: 02 Mar 2018 09:53

Tgt Ion:276 Resp: 2912
 Ion Ratio Lower Upper
 276 100
 138 47.5 21.8 32.8#
 277 27.4 20.5 30.7

