

Data Path : Z:\HPCHEM1\BNA N\Data\BN030218\
 Data File : BN000230.D
 Acq On : 02 Mar 2018 11:36
 Operator : JU/SJ
 Sample : SSTD0.855
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 02 13:13:07 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BE030218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 12:55:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.454	152	3643	0.40	ng/ul	0.00
2) Naphthalene-d8	11.291	136	11846	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.061	164	5170	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.783	188	11429	0.40	ng/ul	0.00
16) Chrysene-d12	21.903	240	7898	0.40	ng/ul	0.00
20) Perylene-d12	24.384	264	6042	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.847	152	12772	0.66	ng/ul	0.00
14) Fluoranthene-d10	19.771	212	22147	0.51	ng/ul	0.00

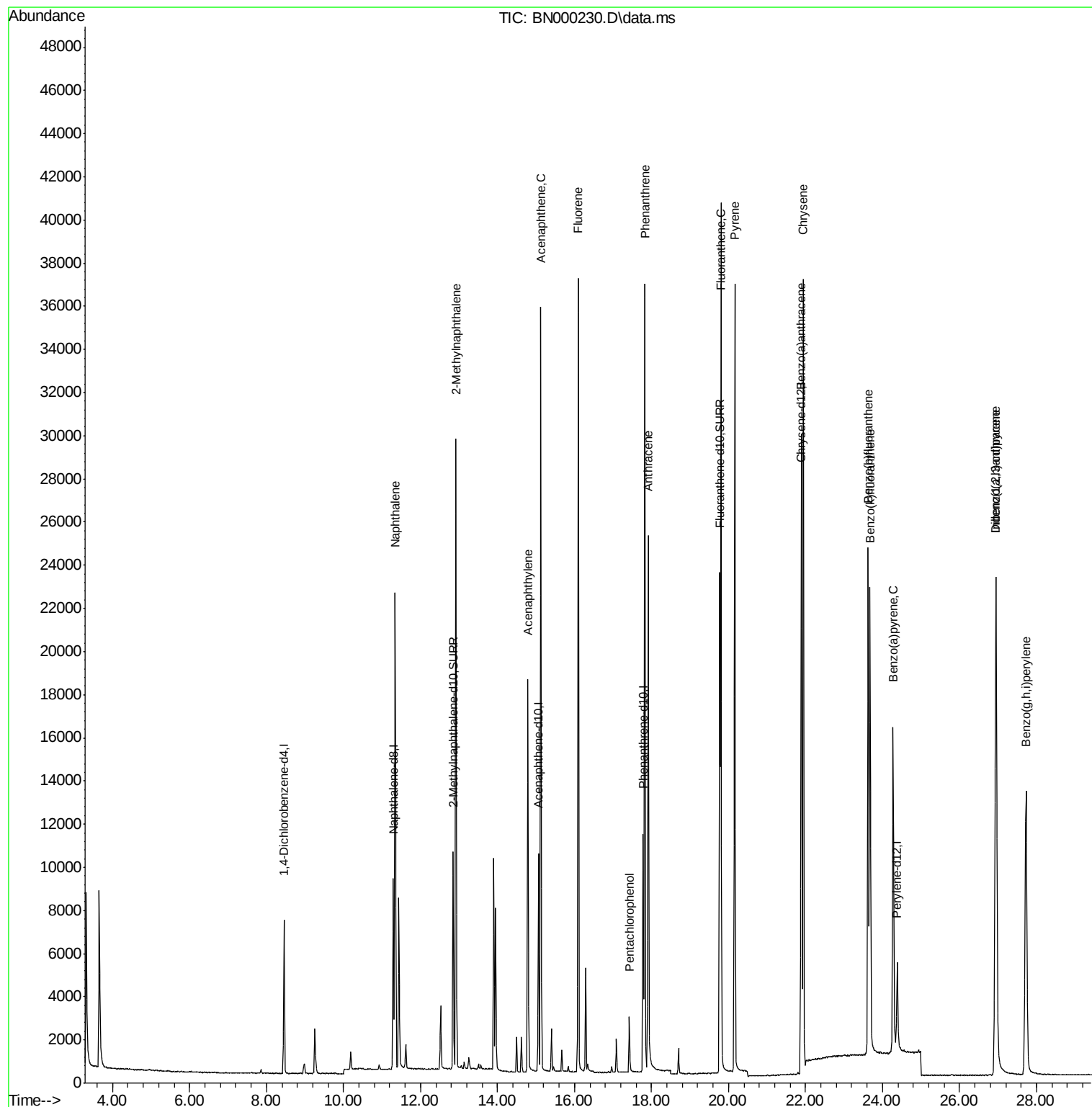
Target Compounds					Ovalue	
3) Naphthalene	11.340	128	30978	0.93	ng/ul#	88
5) 2-Methylnaphthalene	12.919	142	19786	0.89	ng/ul	99
7) Acenaphthylene	14.788	152	21217	0.85	ng/ul	95
8) Acenaphthene	15.122	153	20605	1.07	ng/ul	95
9) Fluorene	16.096	166	22774	1.14	ng/ul#	91
11) Pentachlorophenol	17.426	266	1789	0.81	ng/ul	97
12) Phenanthrene	17.825	178	39029	1.02	ng/ul#	88
13) Anthracene	17.915	178	29423	0.84	ng/ul#	90
15) Fluoranthene	19.799	202	38792	0.78	ng/ul	62
17) Pyrene	20.161	202	37465	1.41	ng/ul#	55
18) Benzo(a)anthracene	21.886	228	25403	1.03	ng/ul#	83
19) Chrysene	21.941	228	33763	1.32	ng/ul	95
21) Benzo(b)fluoranthene	23.628	252	30574	1.43	ng/ul	86
22) Benzo(k)fluoranthene	23.676	252	29443	1.51	ng/ul#	88
23) Benzo(a)pyrene	24.274	252	24217	1.27	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.940	276	27892	1.34	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.954	278	20666	1.21	ng/ul#	79
26) Benzo(g,h,i)perylene	27.725	276	26519	1.50	ng/ul#	83

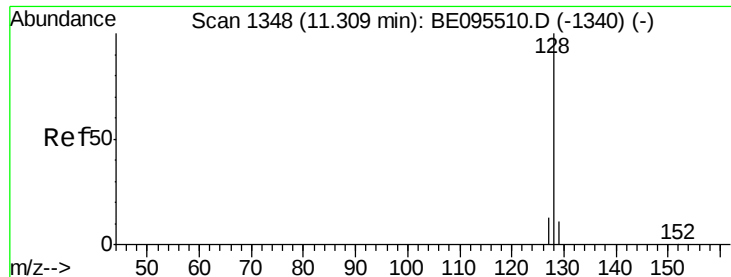
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.93 ng/ul

RT: 11.340 min Scan# 30

Delta R.T. -0.002 min

Lab File: BN000230.D

Acq: 02 Mar 2018 11:36

Instrument :

BNA_N

ClientSampleId :

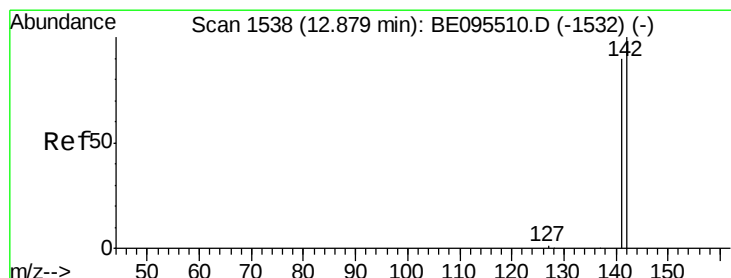
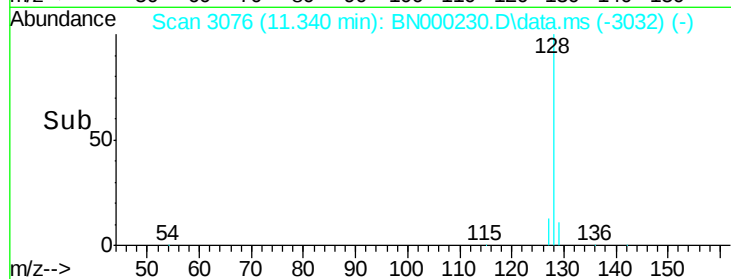
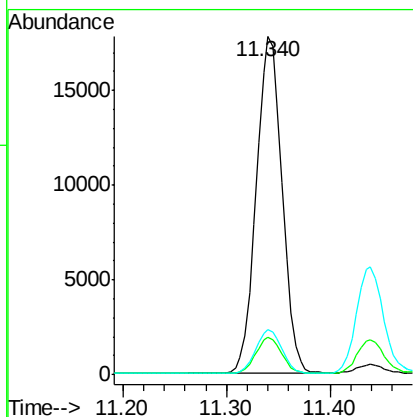
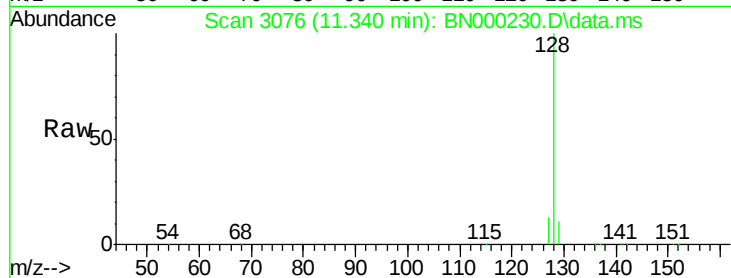
Tot Ion:128 Resp: 30978

Ion Ratio Lower Upper

128 100

129 11.1 11.3 16.9#

127 13.4 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.89 ng/ul

RT: 12.919 min Scan# 3427

Delta R.T. -0.002 min

Lab File: BN000230.D

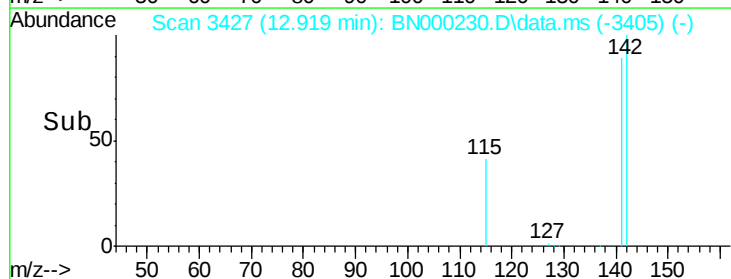
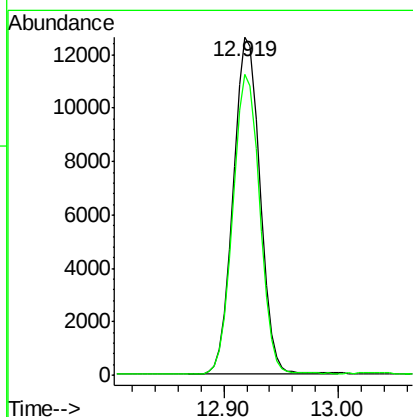
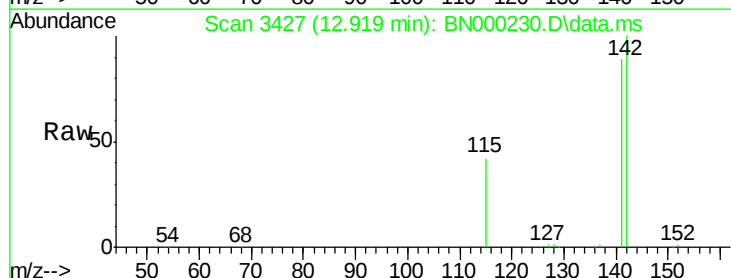
Acq: 02 Mar 2018 11:36

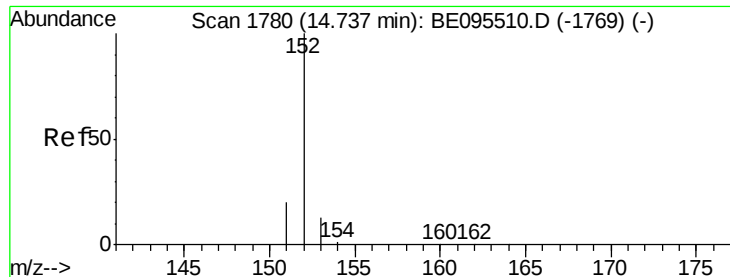
Tgt Ion:142 Resp: 19786

Ion Ratio Lower Upper

142 100

141 89.6 72.6 108.8





#7

Acenaphthylene

Concen: 0.85 ng/ul

RT: 14.788 min Scan# 38

Delta R.T. 0.002 min

Lab File: BN000230.D

Acq: 02 Mar 2018 11:36

Instrument :

BNA_N

ClientSampleId :

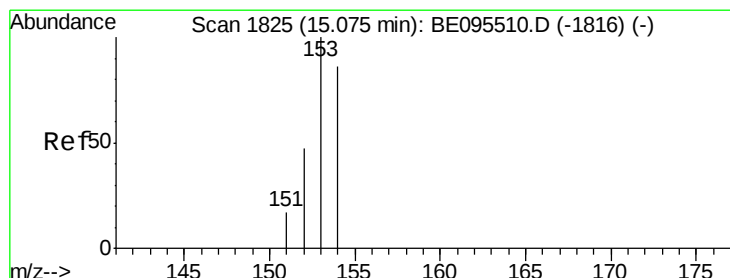
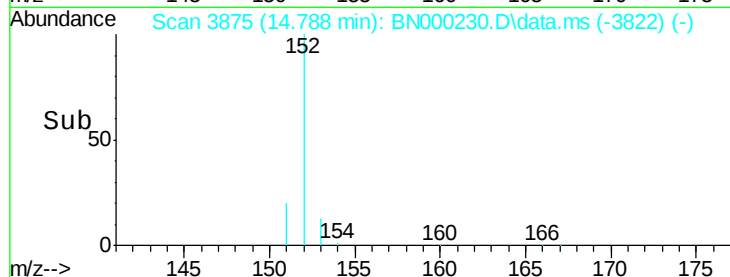
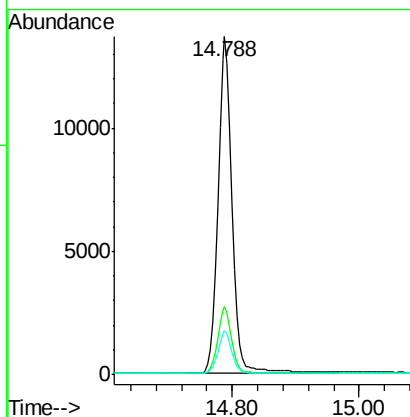
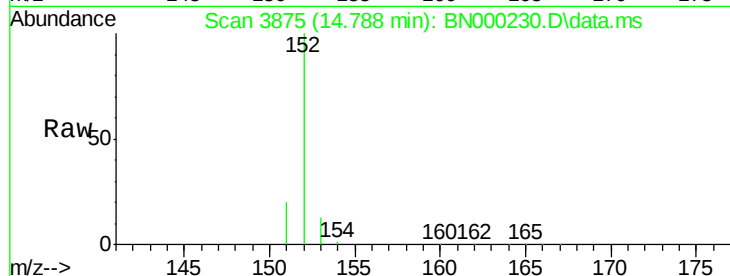
Tot Ion:152 Resp: 21217

Ion Ratio Lower Upper

152 100

151 19.9 17.1 25.7

153 13.0 12.8 19.2



#8

Acenaphthene

Concen: 1.07 ng/ul

RT: 15.122 min Scan# 3963

Delta R.T. -0.002 min

Lab File: BN000230.D

Acq: 02 Mar 2018 11:36

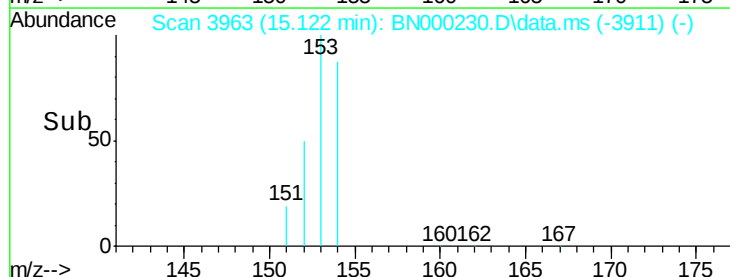
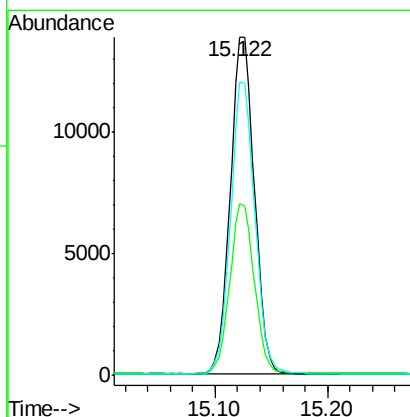
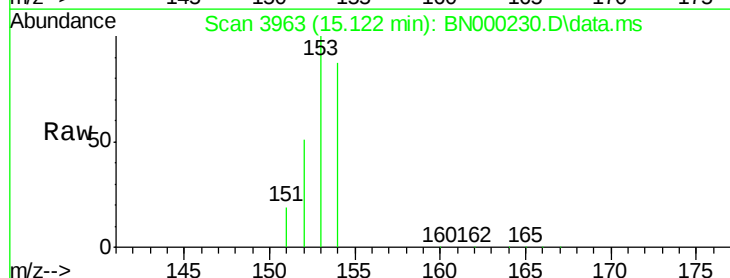
Tgt Ion:153 Resp: 20605

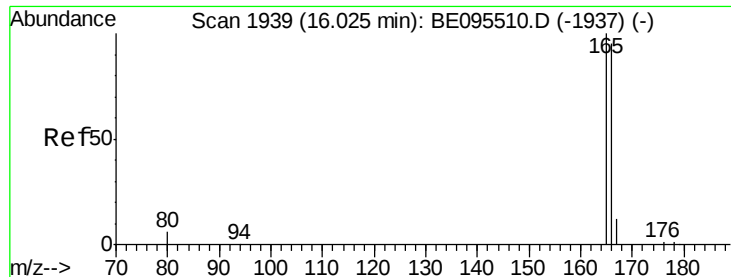
Ion Ratio Lower Upper

153 100

152 50.8 36.0 54.0

154 86.6 72.0 108.0





#9

Fluorene

Concen: 1.14 ng/ul

RT: 16.096 min Scan# 42

Delta R.T. -0.002 min

Lab File: BN000230.D

Acq: 02 Mar 2018 11:36

Instrument :

BNA_N

ClientSampleId :

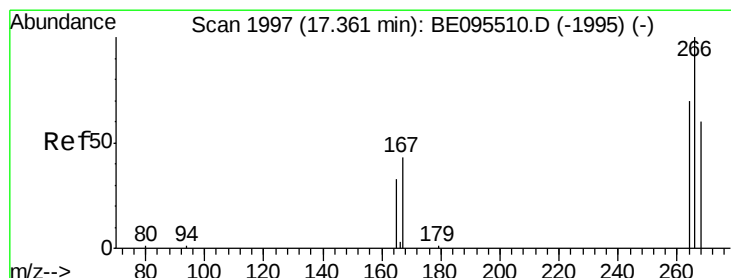
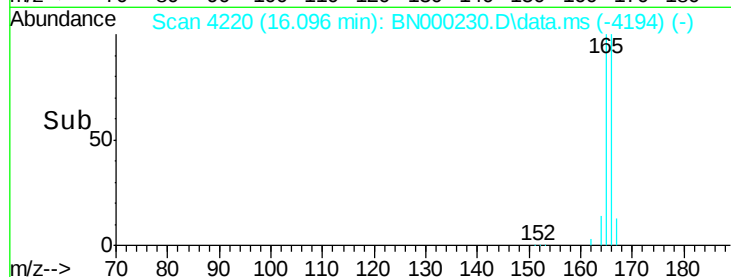
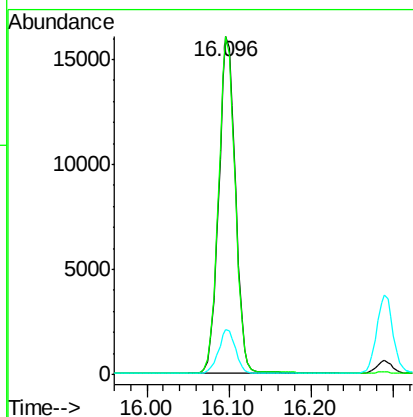
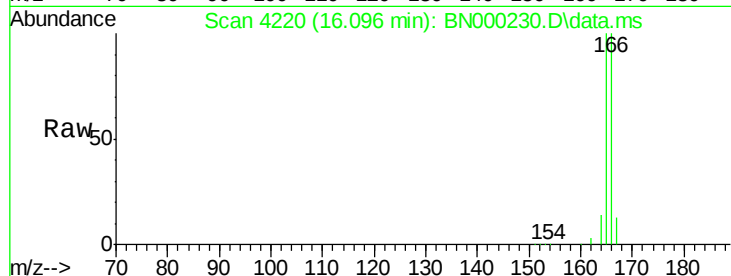
Tot Ion:166 Resp: 22774

Ion Ratio Lower Upper

166 100

165 100.0 73.4 110.2

167 13.4 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.81 ng/ul

RT: 17.426 min Scan# 4593

Delta R.T. 0.002 min

Lab File: BN000230.D

Acq: 02 Mar 2018 11:36

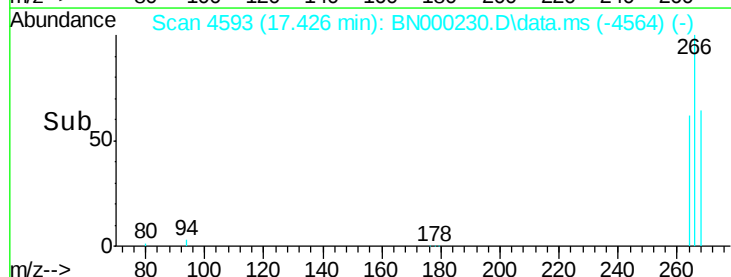
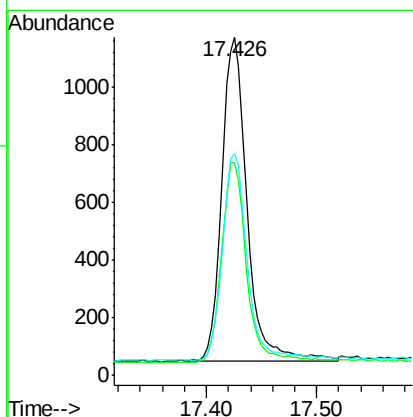
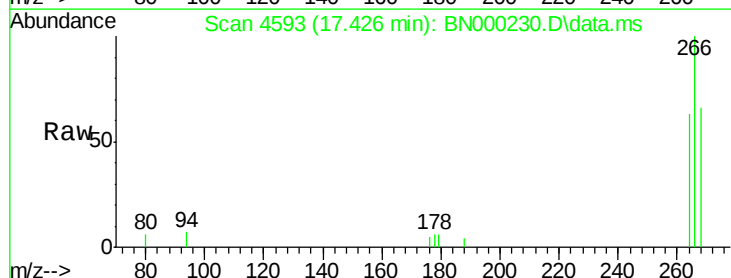
Tgt Ion:266 Resp: 1789

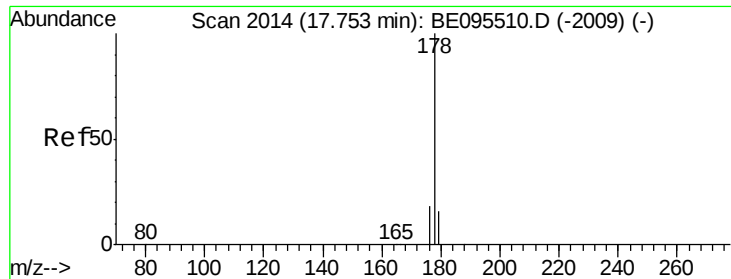
Ion Ratio Lower Upper

266 100

264 62.4 47.9 71.9

268 64.6 49.8 74.8





#12

Phenanthrene

Concen: 1.02 ng/ul

RT: 17.825 min Scan# 47

Delta R.T. 0.002 min

Lab File: BN000230.D

Acq: 02 Mar 2018 11:36

Instrument :

BNA_N

ClientSampleId :

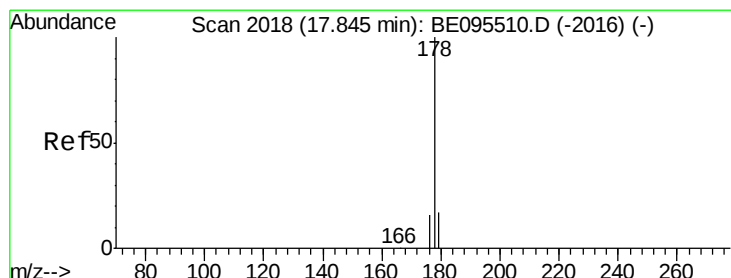
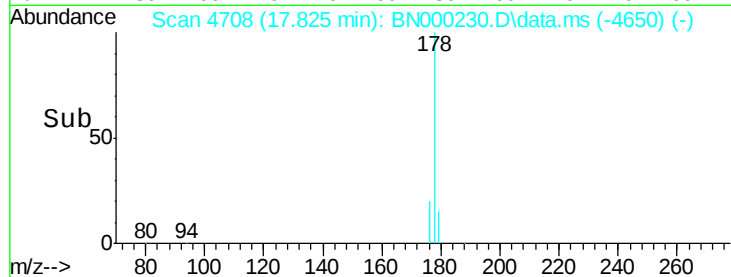
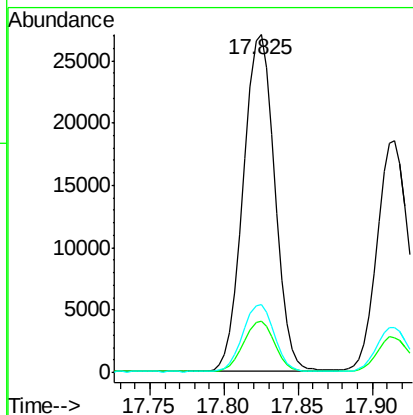
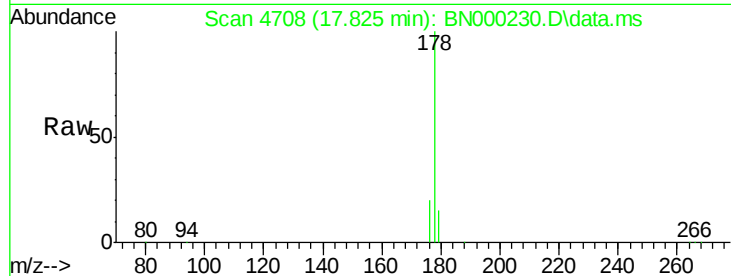
Tot Ion:178 Resp: 39029

Ion Ratio Lower Upper

178 100

179 15.1 18.4 27.6#

176 20.2 13.6 20.4



#13

Anthracene

Concen: 0.84 ng/ul

RT: 17.915 min Scan# 4734

Delta R.T. 0.002 min

Lab File: BN000230.D

Acq: 02 Mar 2018 11:36

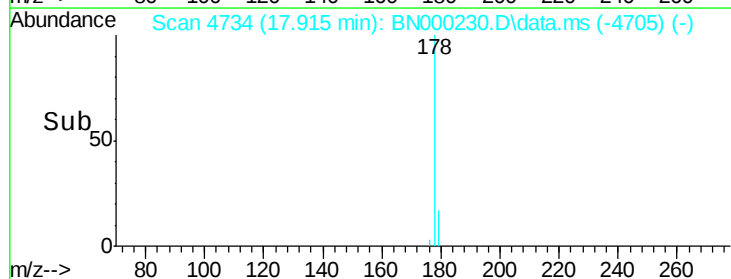
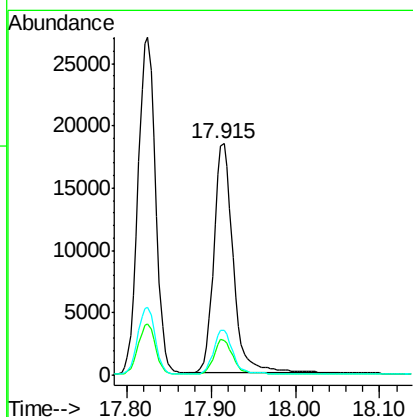
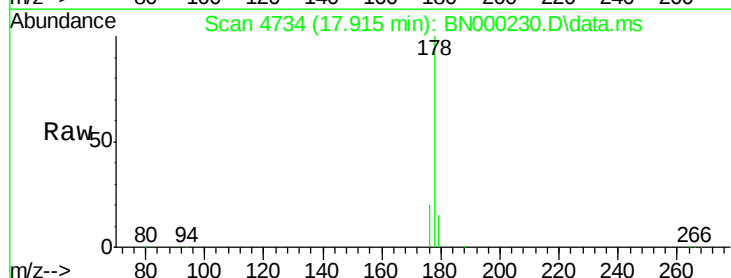
Tgt Ion:178 Resp: 29423

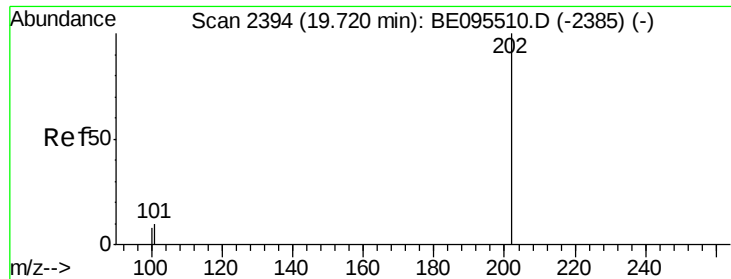
Ion Ratio Lower Upper

178 100

179 15.2 18.1 27.1#

176 19.6 14.7 22.1





#15

Fluoranthene

Concen: 0.78 ng/ul

RT: 19.799 min Scan# 531

Delta R.T. -0.001 min

Lab File: BN000230.D

Acq: 02 Mar 2018 11:36

Instrument :

BNA_N

ClientSampleId :

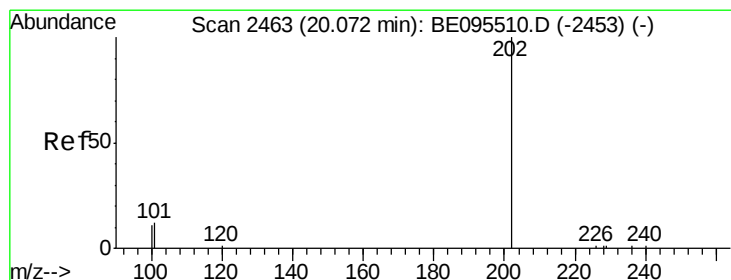
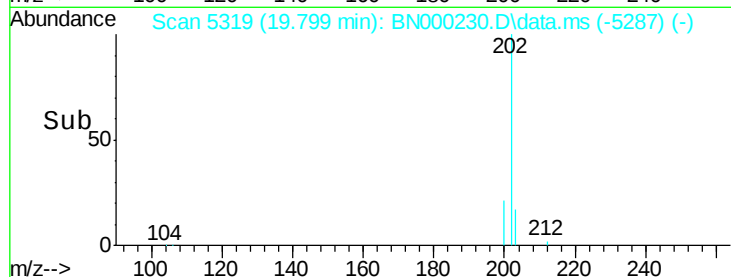
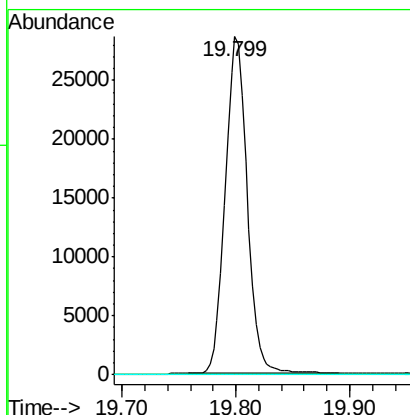
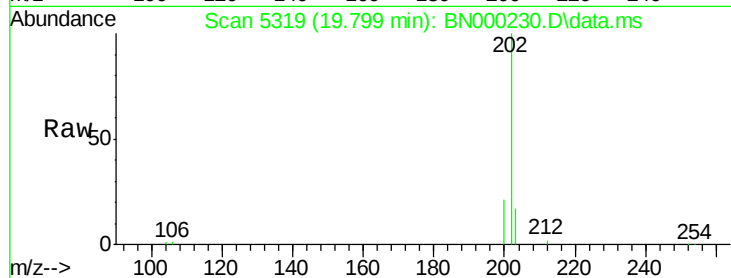
Tot Ion:202 Resp: 38792

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.3

100 0.0 0.0 39.5



#17

Pyrene

Concen: 1.41 ng/ul

RT: 20.161 min Scan# 5435

Delta R.T. 0.002 min

Lab File: BN000230.D

Acq: 02 Mar 2018 11:36

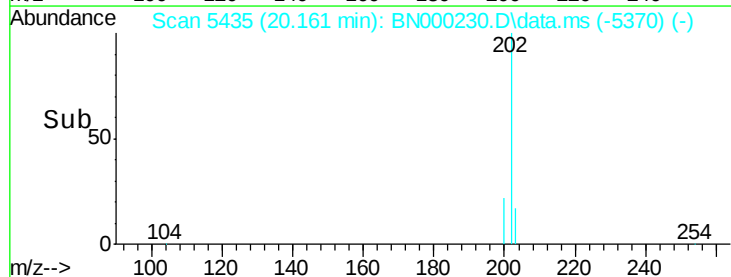
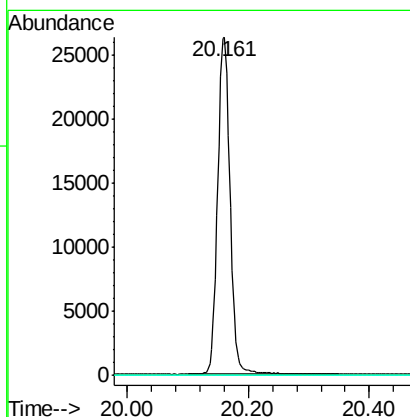
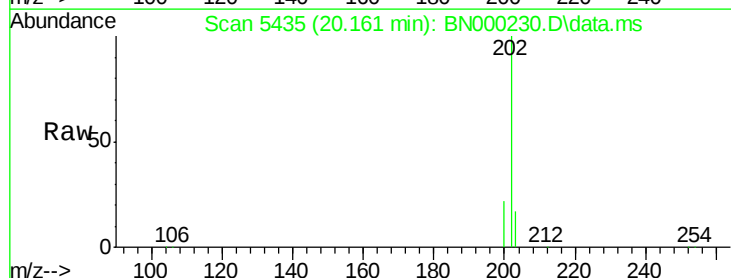
Tgt Ion:202 Resp: 37465

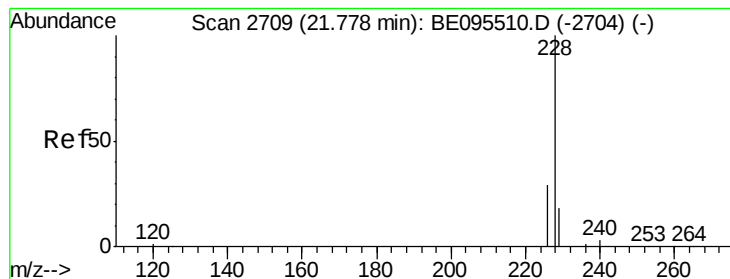
Ion Ratio Lower Upper

202 100

101 0.0 18.2 27.4#

100 0.0 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 1.03 ng/ul

RT: 21.886 min Scan# 6116

Delta R.T. 0.001 min

Lab File: BN000230.D

Acq: 02 Mar 2018 11:36

Instrument :

BNA_N

ClientSampleId :

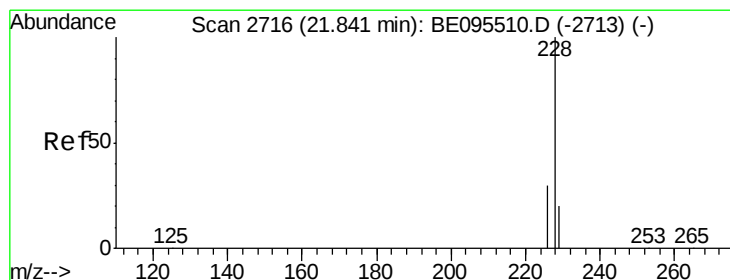
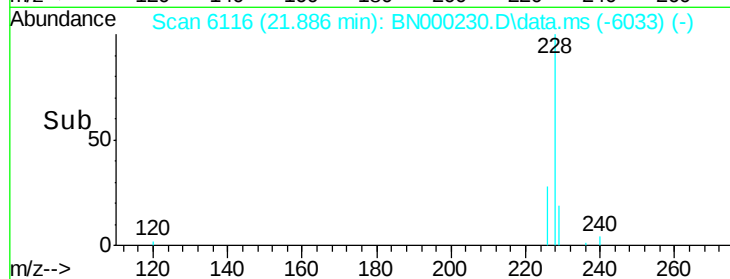
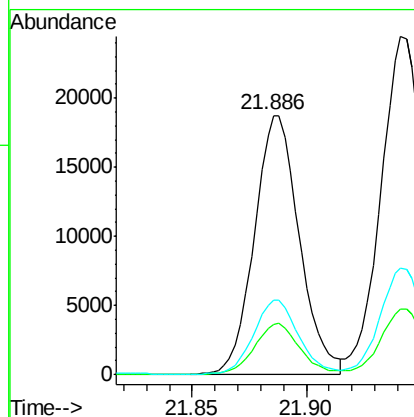
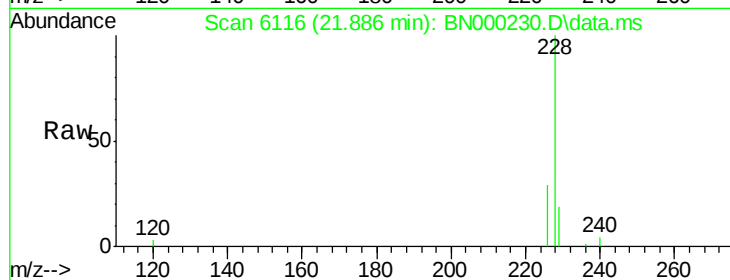
Tot Ion:228 Resp: 25403

Ion Ratio Lower Upper

228 100

229 19.3 22.8 34.2#

226 28.6 17.0 25.6#



#19

Chrysene

Concen: 1.32 ng/ul

RT: 21.941 min Scan# 6139

Delta R.T. 0.003 min

Lab File: BN000230.D

Acq: 02 Mar 2018 11:36

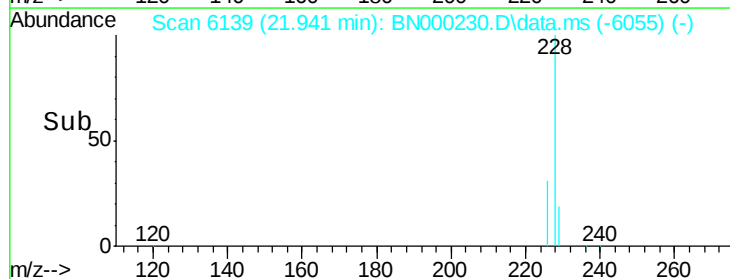
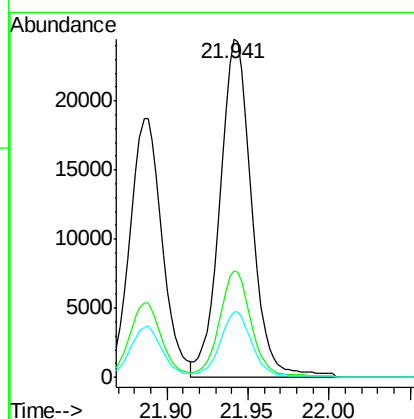
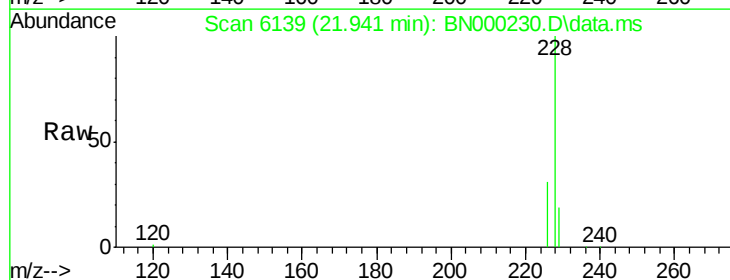
Tgt Ion:228 Resp: 33763

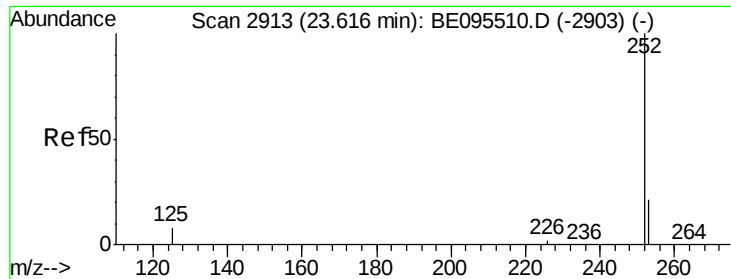
Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.0

229 19.2 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 1.43 ng/ul

RT: 23.628 min Scan# 68

Delta R.T. 0.003 min

Lab File: BN000230.D

Acq: 02 Mar 2018 11:36

Instrument :

BNA_N

ClientSampleId :

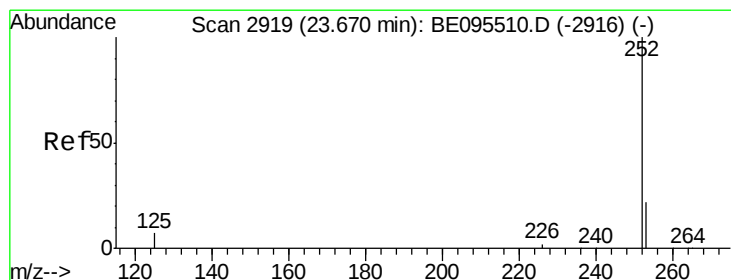
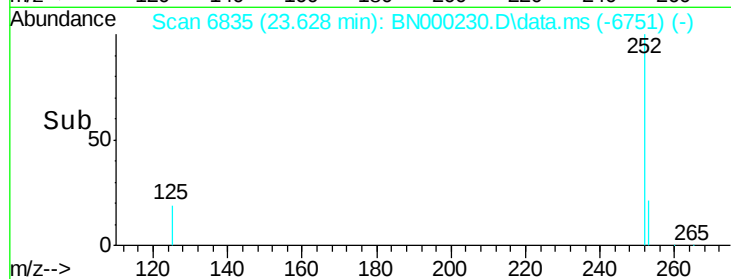
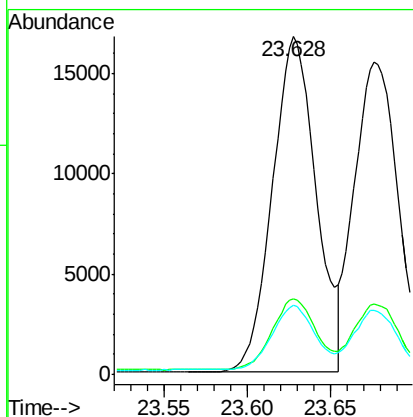
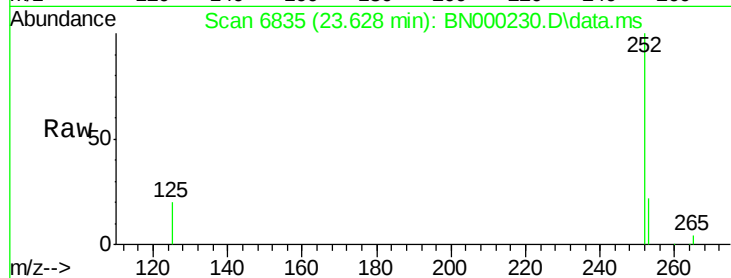
Tot Ion:252 Resp: 30574

Ion Ratio Lower Upper

252 100

253 22.4 0.0 64.2

125 20.4 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 1.51 ng/ul

RT: 23.676 min Scan# 6855

Delta R.T. 0.004 min

Lab File: BN000230.D

Acq: 02 Mar 2018 11:36

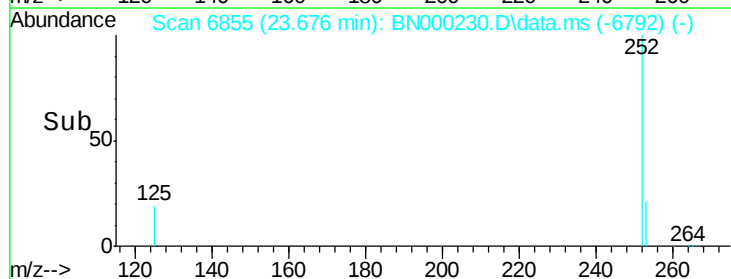
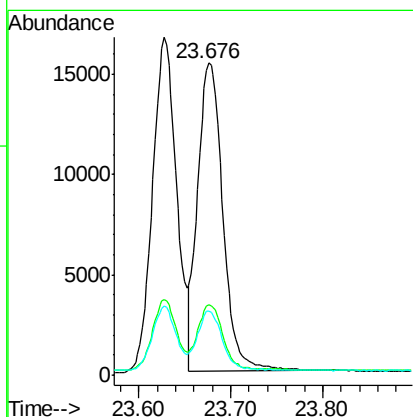
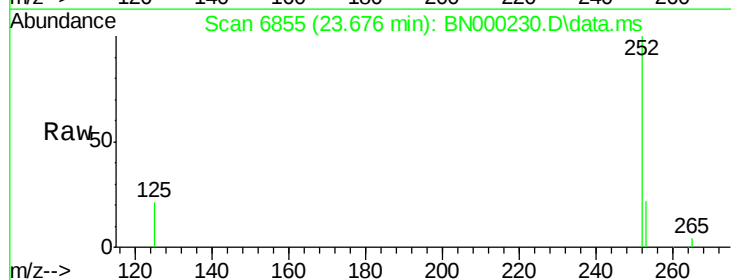
Tgt Ion:252 Resp: 29443

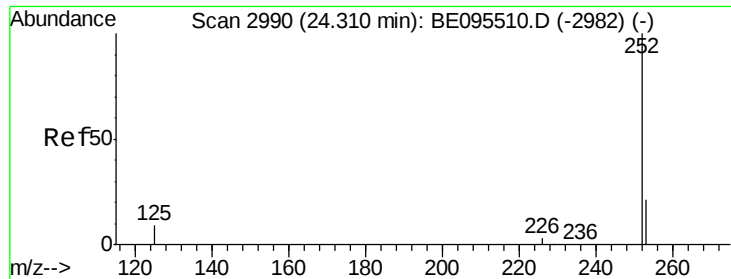
Ion Ratio Lower Upper

252 100

253 22.5 24.5 36.7#

125 20.6 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 1.27 ng/ul

RT: 24.274 min Scan# 71

Delta R.T. 0.004 min

Lab File: BN000230.D

Acq: 02 Mar 2018 11:36

Instrument :

BNA_N

ClientSampleId :

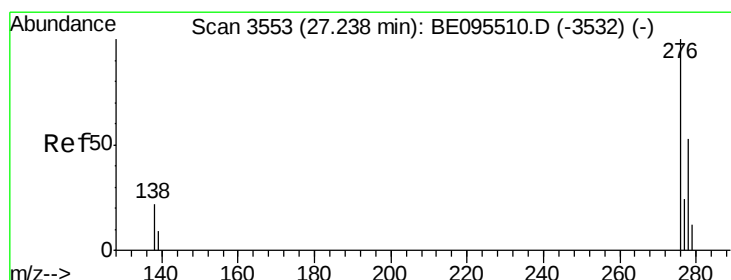
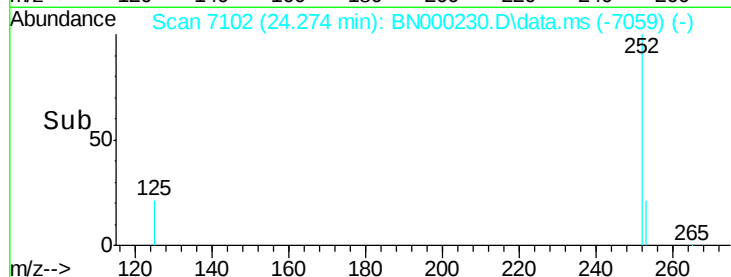
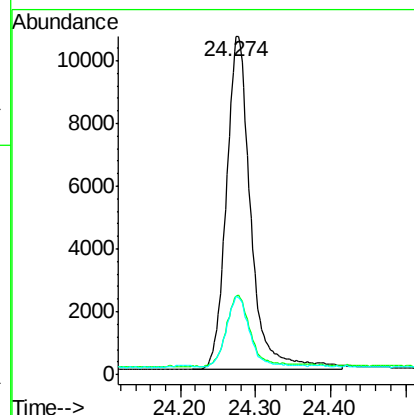
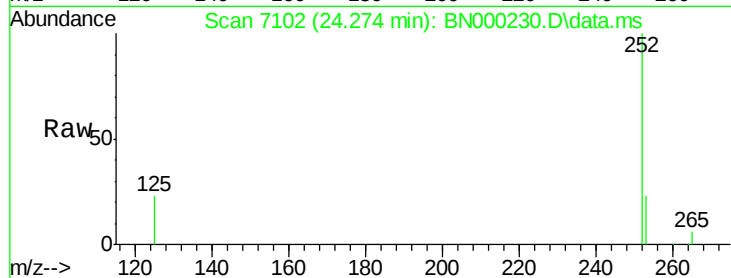
Tot Ion:252 Resp: 24217

Ion Ratio Lower Upper

252 100

253 23.1 28.5 42.7#

125 23.0 18.1 27.1



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.34 ng/ul

RT: 26.940 min Scan# 8202

Delta R.T. 0.004 min

Lab File: BN000230.D

Acq: 02 Mar 2018 11:36

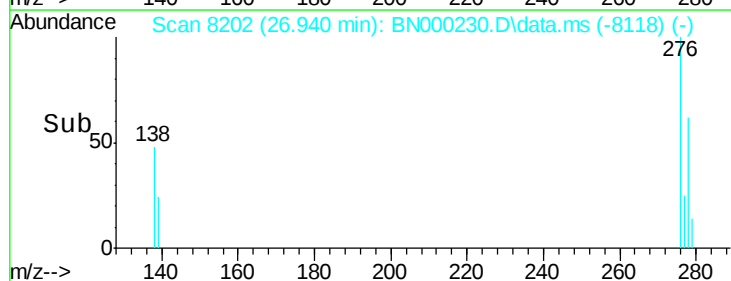
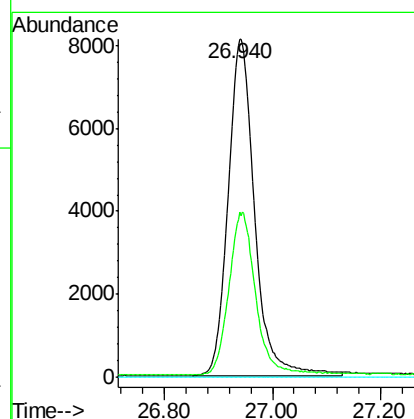
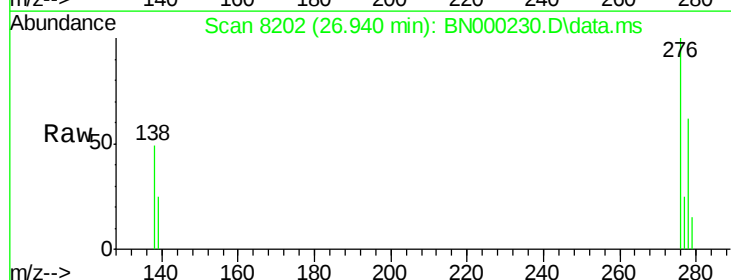
Tgt Ion:276 Resp: 27892

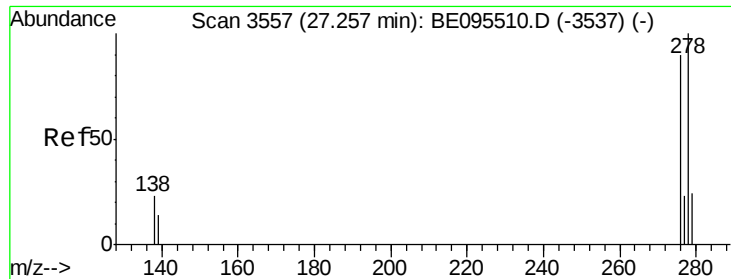
Ion Ratio Lower Upper

276 100

138 49.2 28.0 42.0#

227 0.0 8.0 12.0#

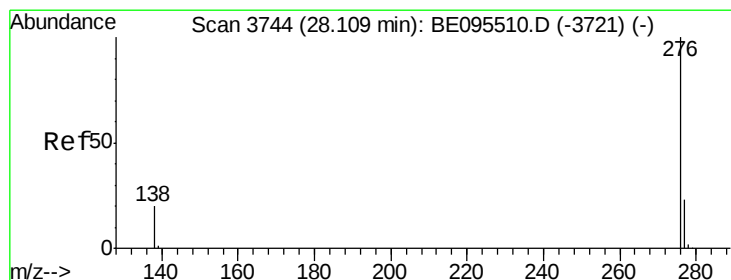
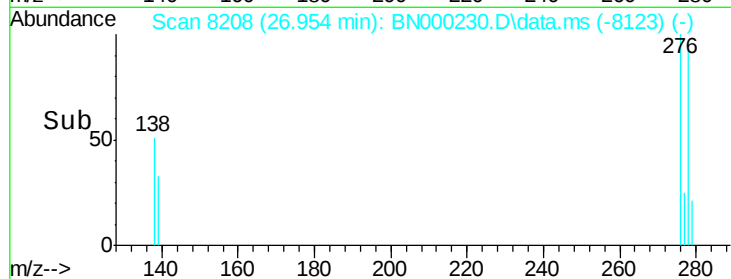
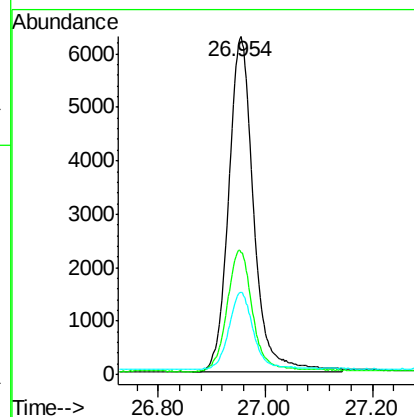
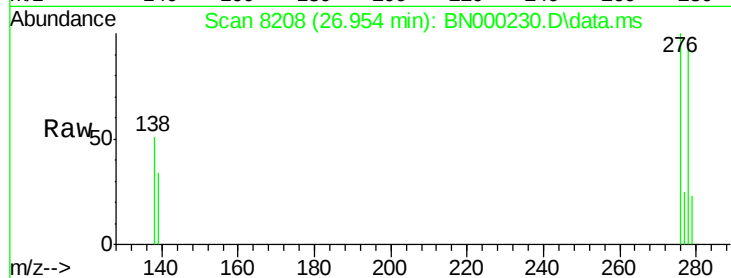




#25
Dibenzo(a,h)anthracene
Concen: 1.21 ng/ul
RT: 26.954 min Scan# 82
Delta R.T. 0.006 min
Lab File: BN000230.D
Acq: 02 Mar 2018 11:36

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 20666
Ion Ratio Lower Upper
278 100
139 36.0 17.4 26.0#
279 24.3 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 1.50 ng/ul
RT: 27.725 min Scan# 8526
Delta R.T. 0.004 min
Lab File: BN000230.D
Acq: 02 Mar 2018 11:36

Tgt Ion:276 Resp: 26519
Ion Ratio Lower Upper
276 100
138 43.1 21.8 32.8#
277 24.4 20.5 30.7

