

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092218\
 Data File : BN002809.D
 Acq On : 21 Sep 2018 08:52
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 21 22:59:56 2018
 Quant Method : Z:\svoasrv\HPCHEM1\BNA N\Methods\SOM-EPA-SIM-BN092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 21 04:00:39 2018
 Response via : Initial Calibration

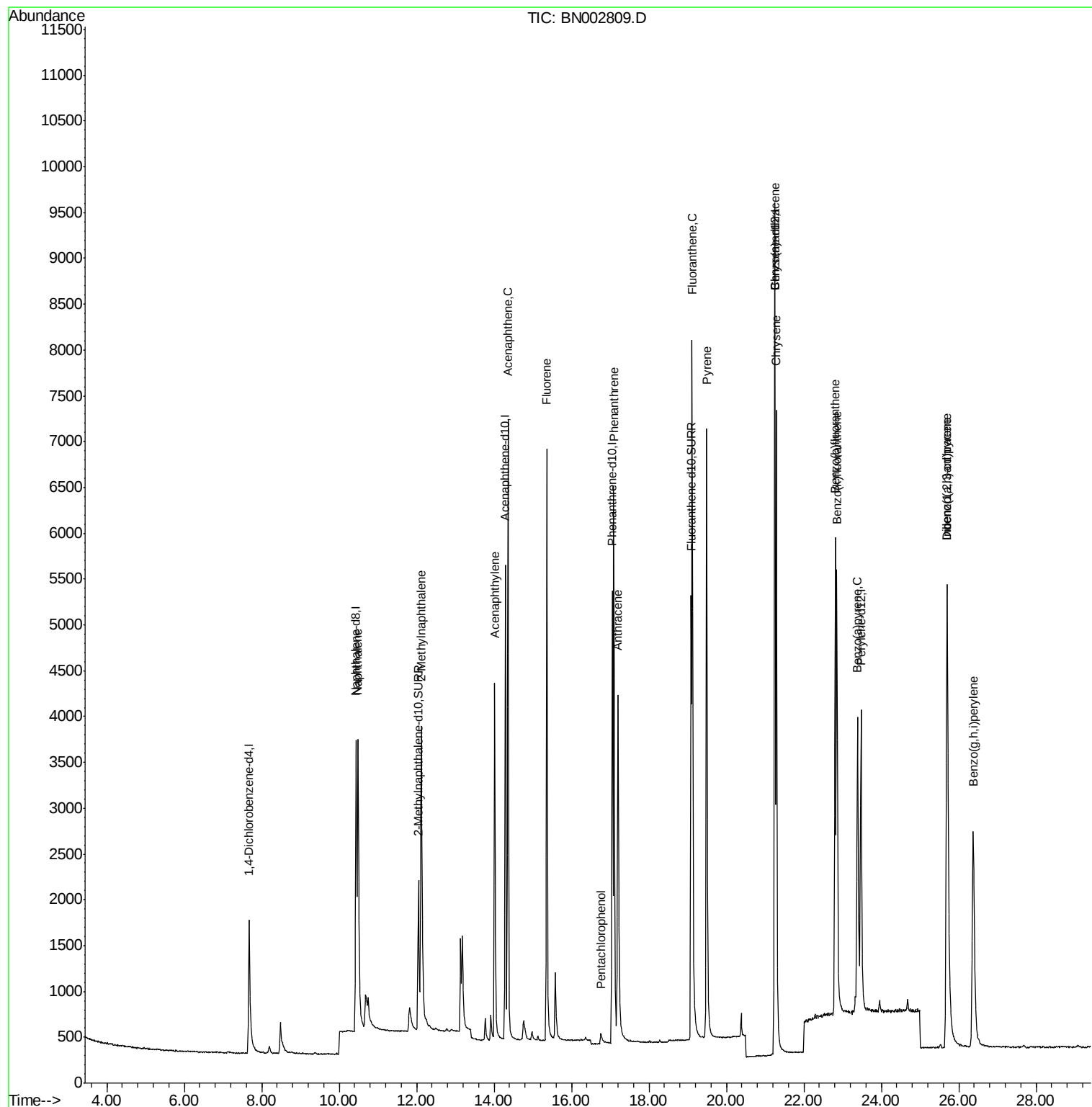
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1366	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	5988	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	3284	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	6966	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	5484	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	5193	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	3641	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	7067	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	6172	0.410	ng/ul#	97
5) 2-Methylnaphthalene	12.12	142	4163	0.426	ng/ul	99
7) Acenaphthylene	14.01	152	5606	0.404	ng/ul	96
8) Acenaphthene	14.36	153	4679	0.413	ng/ul	97
9) Fluorene	15.36	166	5124	0.424	ng/ul	93
11) Pentachlorophenol	16.75	266	222	0.283	ng/ul	98
12) Phenanthrene	17.09	178	7917	0.412	ng/ul#	90
13) Anthracene	17.20	178	6811	0.408	ng/ul#	92
15) Fluoranthene	19.12	202	8144	0.393	ng/ul	96
17) Pyrene	19.49	202	8329	0.466	ng/ul	98
18) Benzo(a)anthracene	21.24	228	6475	0.427	ng/ul#	85
19) Chrysene	21.29	228	7661	0.433	ng/ul	97
21) Benzo(b)fluoranthene	22.81	252	6961	0.406	ng/ul	89
22) Benzo(k)fluoranthene	22.85	252	7606	0.421	ng/ul#	91
23) Benzo(a)pyrene	23.38	252	6746	0.410	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.69	276	7646	0.386	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.70	278	6083	0.383	ng/ul	94
26) Benzo(g,h,i)perylene	26.37	276	6685	0.391	ng/ul	98

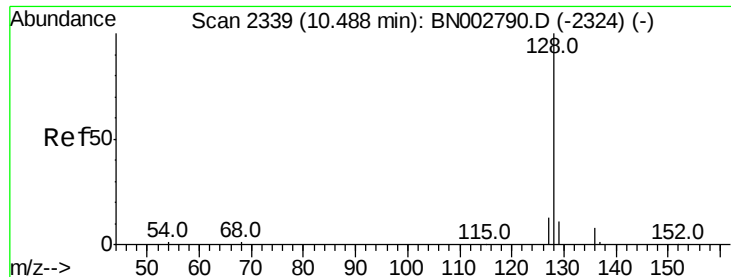
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.410 ng/ul

RT: 10.48 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BN002809.D

Acq: 21 Sep 2018 08:52

Instrument :

BNA_N

ClientSampleId :

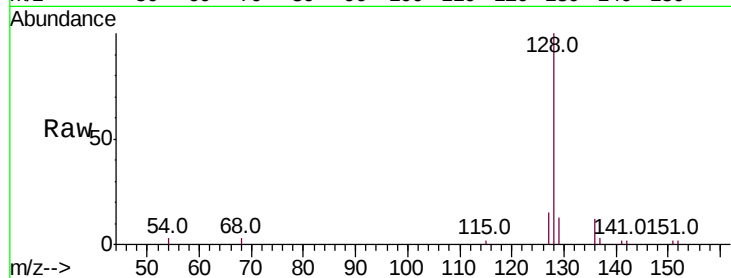
Tot Ion:128 Resp: 6172

Ion Ratio Lower Upper

128 100

129 12.9 8.0 12.0#

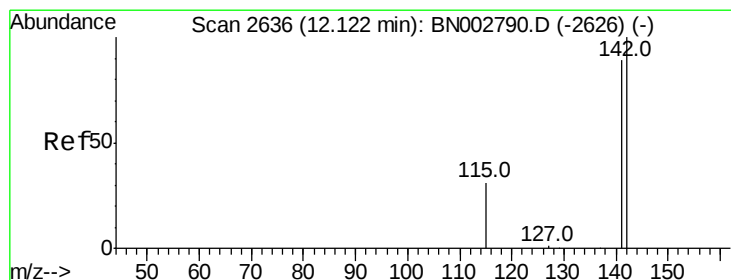
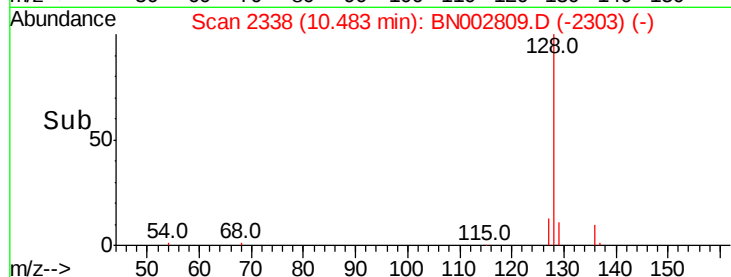
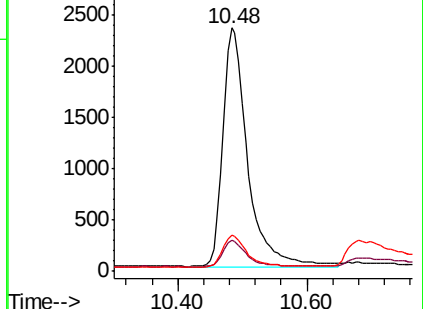
127 15.1 12.0 18.0



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



#5

2-Methylnaphthalene

Concen: 0.426 ng/ul

RT: 12.12 min Scan# 2635

Delta R.T. -0.01 min

Lab File: BN002809.D

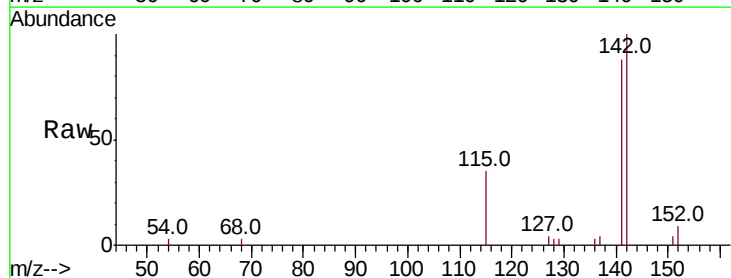
Acq: 21 Sep 2018 08:52

Tgt Ion:142 Resp: 4163

Ion Ratio Lower Upper

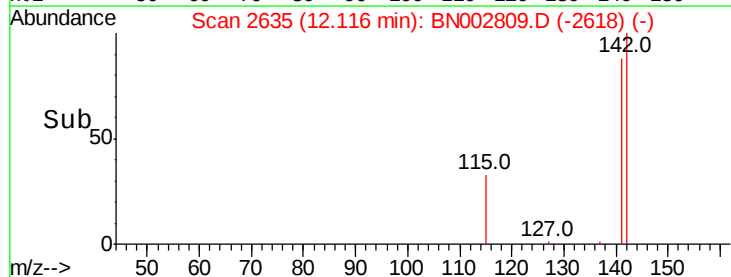
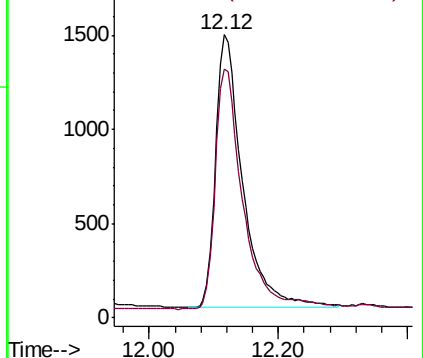
142 100

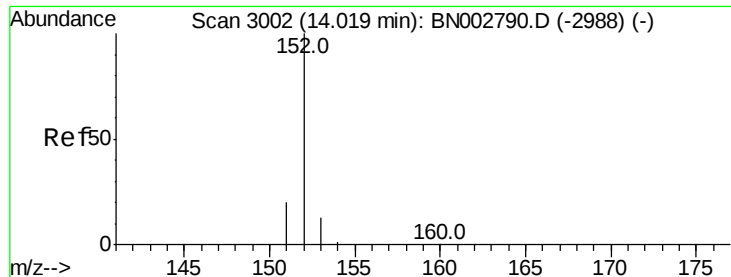
141 91.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.404 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN002809.D

Acq: 21 Sep 2018 08:52

Instrument :

BNA_N

ClientSampleId :

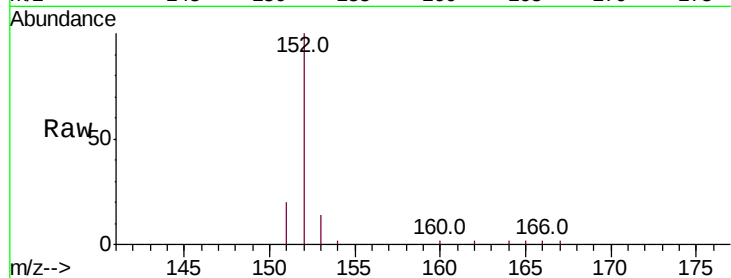
Tot Ion:152 Resp: 5606

Ion Ratio Lower Upper

152 100

151 20.2 17.1 25.7

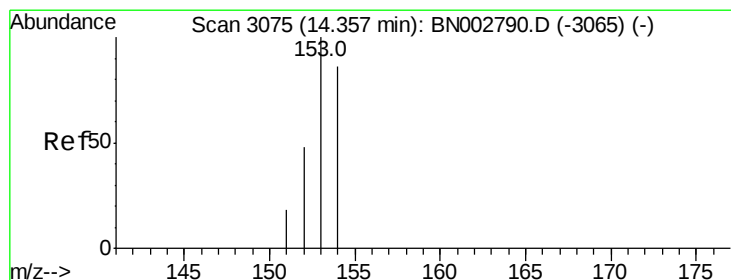
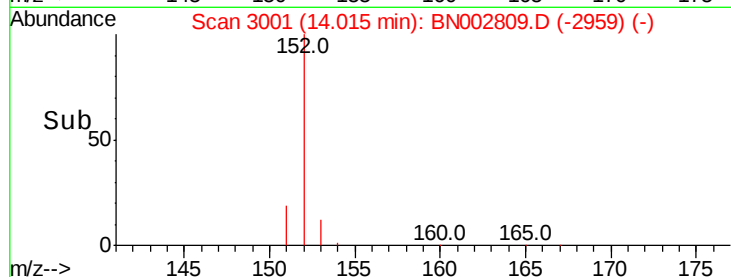
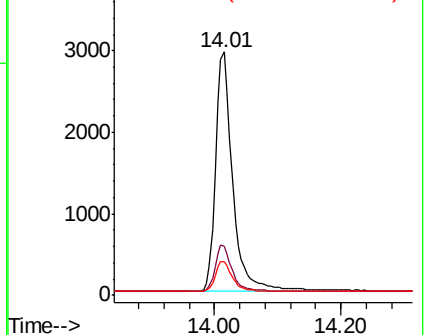
153 13.8 12.8 19.2



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: 0.413 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BN002809.D

Acq: 21 Sep 2018 08:52

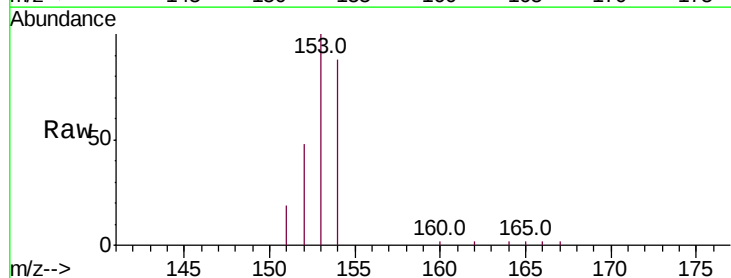
Tgt Ion:153 Resp: 4679

Ion Ratio Lower Upper

153 100

152 47.8 36.0 54.0

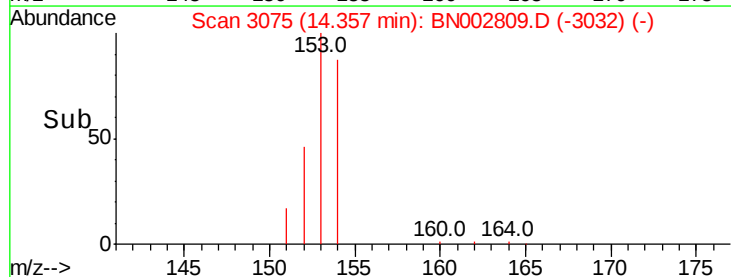
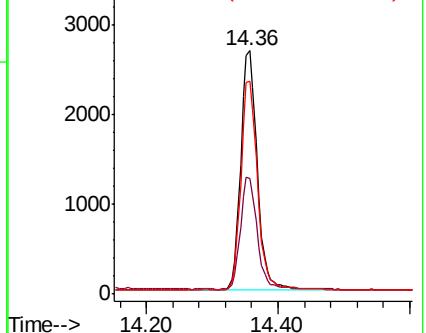
154 87.6 72.0 108.0

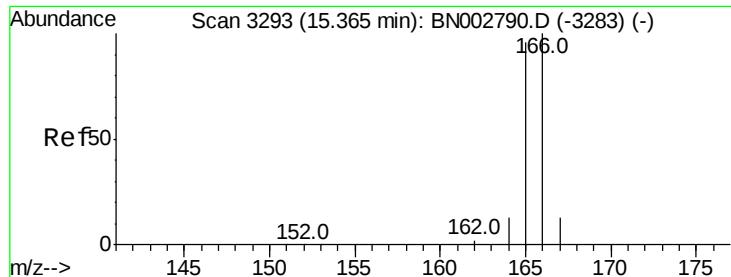


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.424 ng/ul

RT: 15.36 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BN002809.D

Acq: 21 Sep 2018 08:52

Instrument :

BNA_N

ClientSampleId :

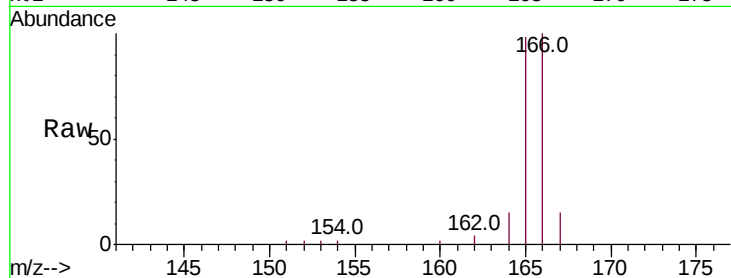
Tot Ion:166 Resp: 5124

Ion Ratio Lower Upper

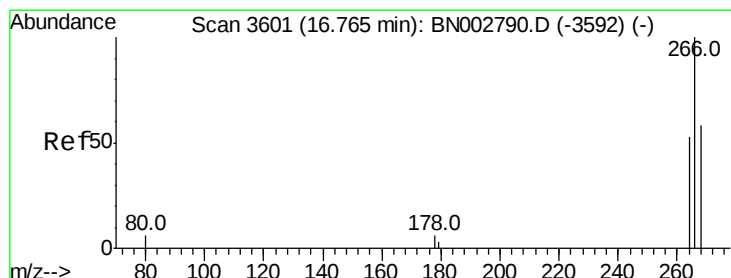
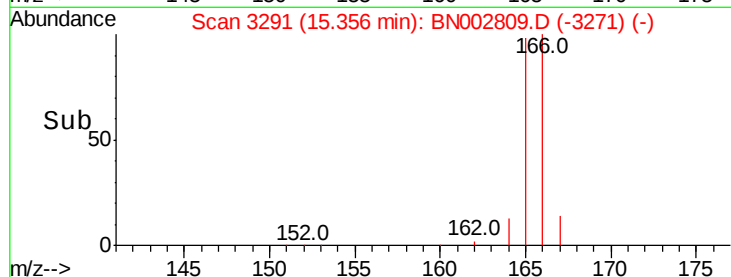
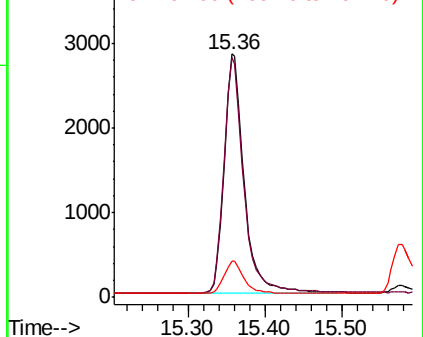
166 100

165 98.4 73.4 110.2

167 15.0 14.6 22.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.283 ng/ul

RT: 16.75 min Scan# 3598

Delta R.T. -0.01 min

Lab File: BN002809.D

Acq: 21 Sep 2018 08:52

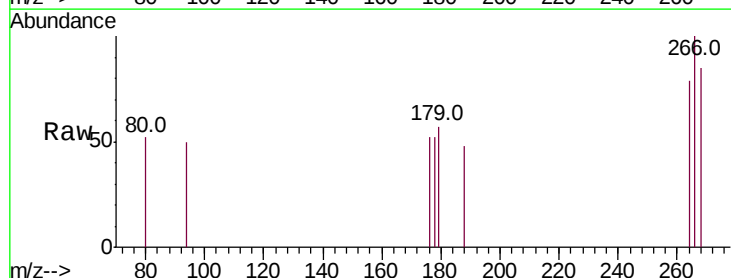
Tgt Ion:266 Resp: 222

Ion Ratio Lower Upper

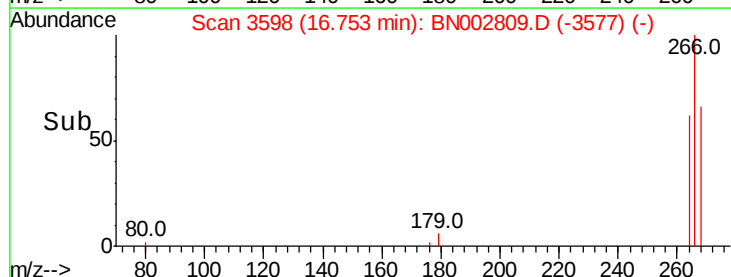
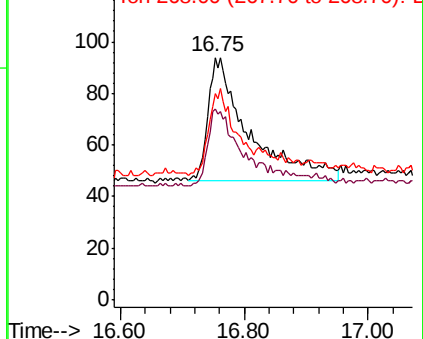
266 100

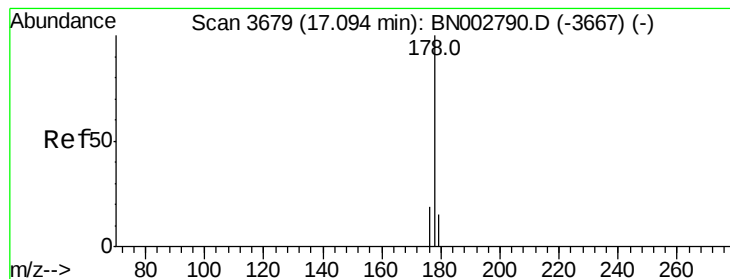
264 57.7 47.9 71.9

268 61.7 49.8 74.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.412 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN002809.D

Acq: 21 Sep 2018 08:52

Instrument :

BNA_N

ClientSampled :

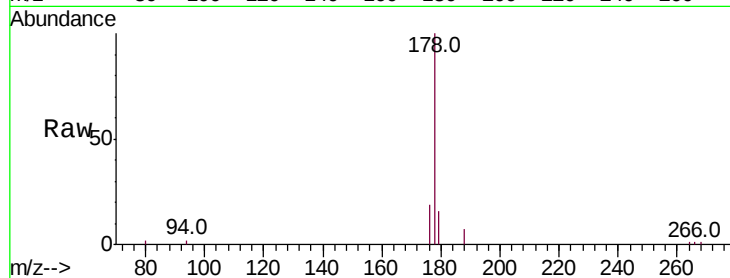
Tot Ion:178 Resp: 7917

Ion Ratio Lower Upper

178 100

179 16.5 18.4 27.6#

176 19.5 13.6 20.4

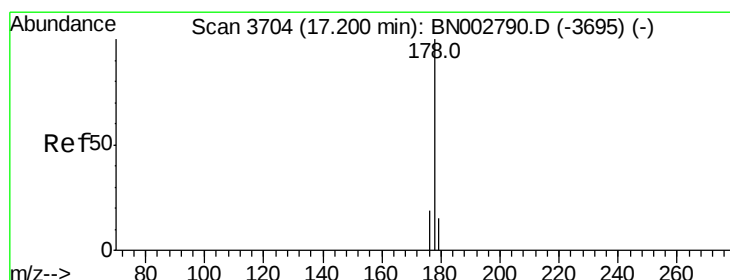
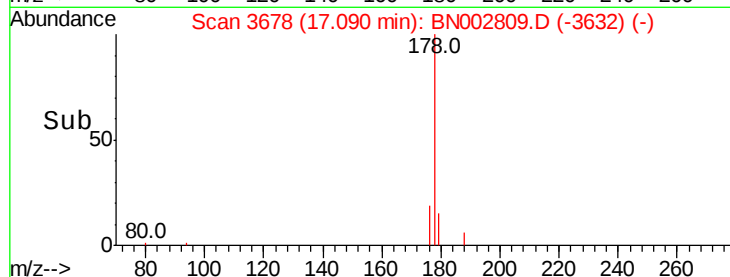
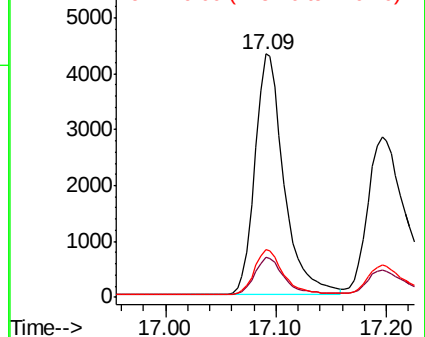


Abundance

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



#13

Anthracene

Concen: 0.408 ng/ul

RT: 17.20 min Scan# 3703

Delta R.T. -0.00 min

Lab File: BN002809.D

Acq: 21 Sep 2018 08:52

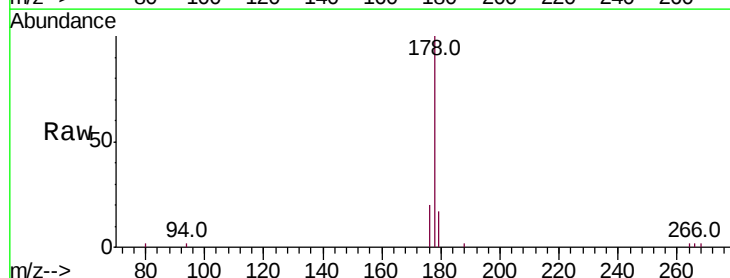
Tgt Ion:178 Resp: 6811

Ion Ratio Lower Upper

178 100

179 16.7 18.1 27.1#

176 20.1 14.7 22.1

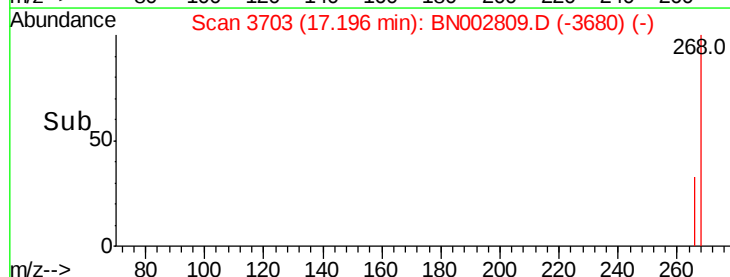
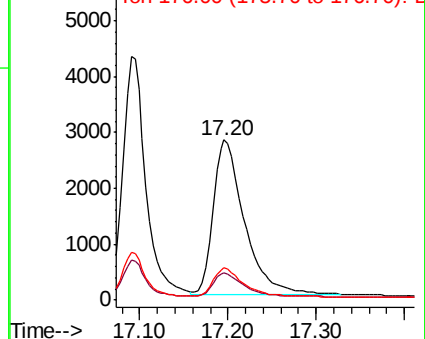


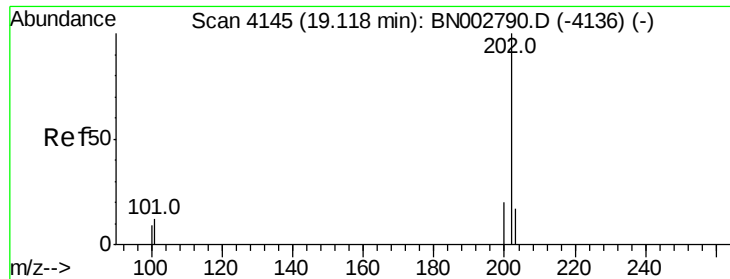
Abundance

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

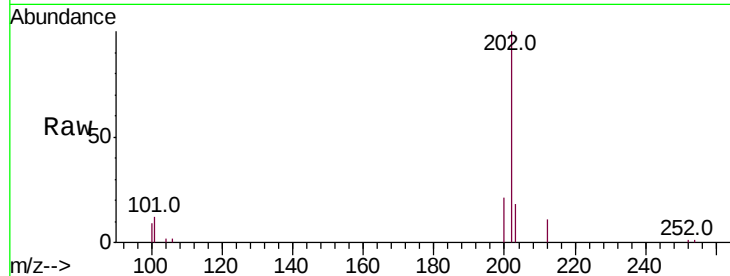




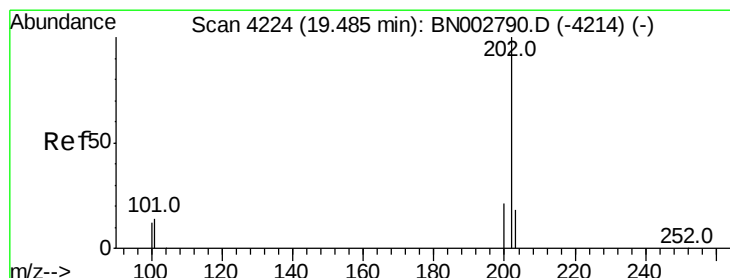
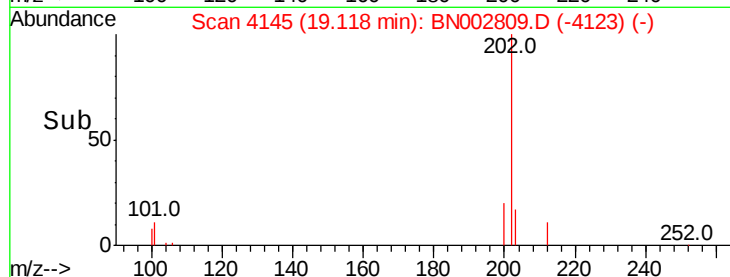
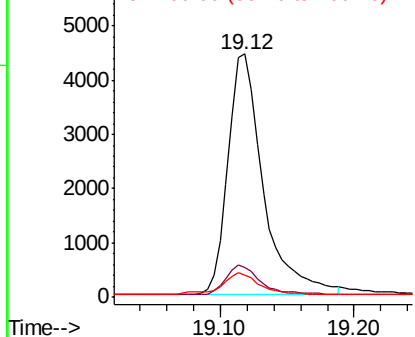
#15
Fluoranthene
 Concen: 0.393 ng/ul
 RT: 19.12 min Scan# 4145
 Delta R.T. 0.00 min
 Lab File: BN002809.D
 Acq: 21 Sep 2018 08:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:202 Resp: 8144
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 30.0
 100 9.3 0.0 30.0

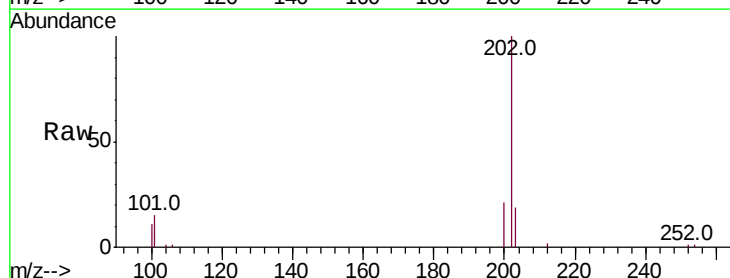


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

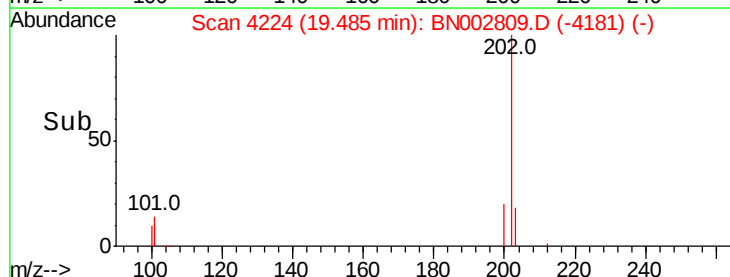
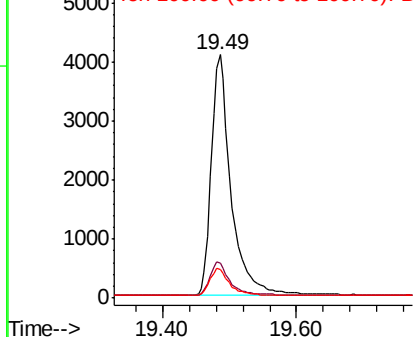


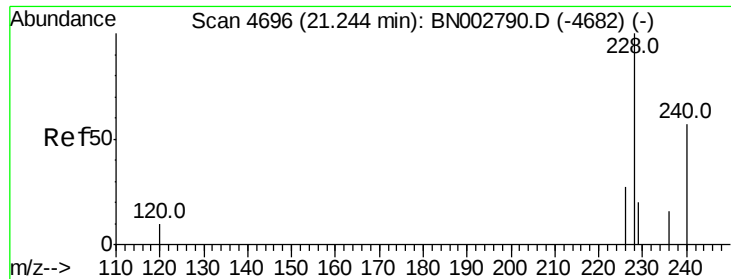
#17
Pyrene
 Concen: 0.466 ng/ul
 RT: 19.49 min Scan# 4224
 Delta R.T. 0.00 min
 Lab File: BN002809.D
 Acq: 21 Sep 2018 08:52

Tgt Ion:202 Resp: 8329
 Ion Ratio Lower Upper
 202 100
 101 14.6 12.0 18.0
 100 11.5 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: 0.427 ng/ul

RT: 21.24 min Scan# 4695

Delta R.T. -0.00 min

Lab File: BN002809.D

Acq: 21 Sep 2018 08:52

Instrument :

BNA_N

ClientSampleId :

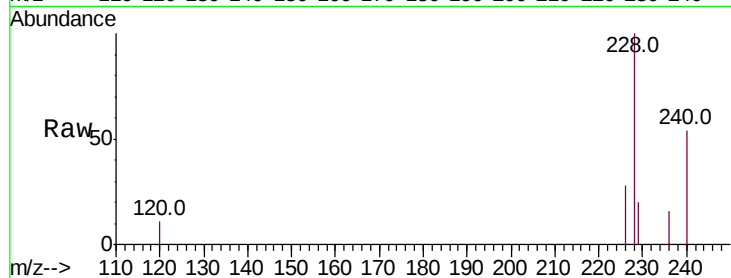
Tot Ion:228 Resp: 6475

Ion Ratio Lower Upper

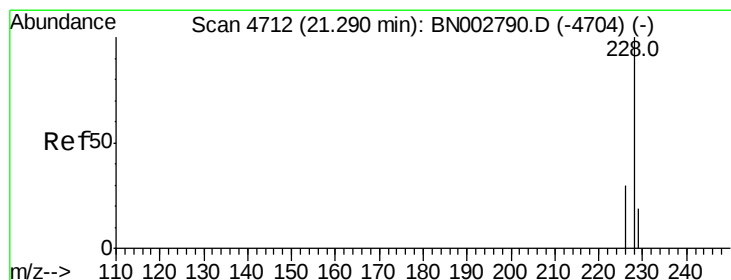
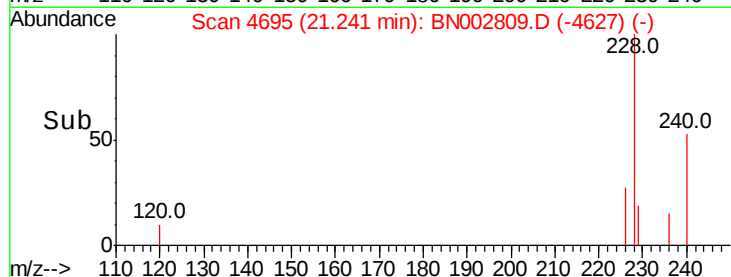
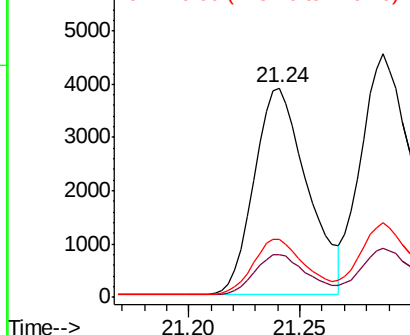
228 100

229 20.5 22.8 34.2#

226 27.8 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: 0.433 ng/ul

RT: 21.29 min Scan# 4711

Delta R.T. -0.00 min

Lab File: BN002809.D

Acq: 21 Sep 2018 08:52

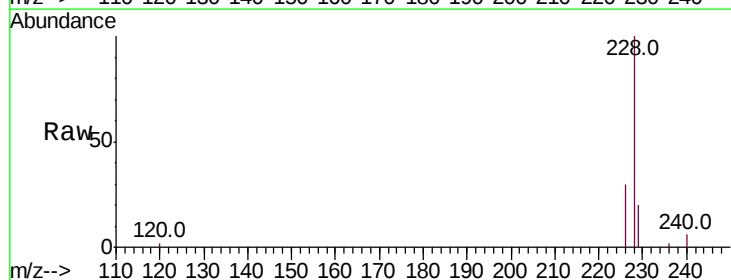
Tgt Ion:228 Resp: 7661

Ion Ratio Lower Upper

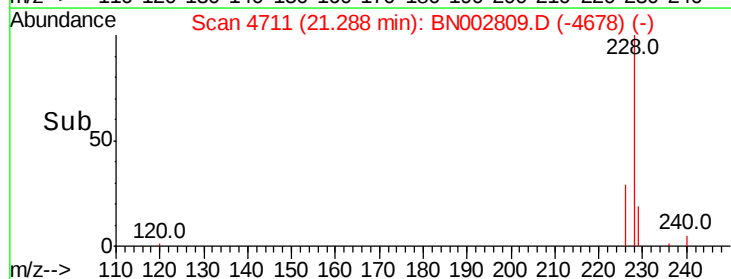
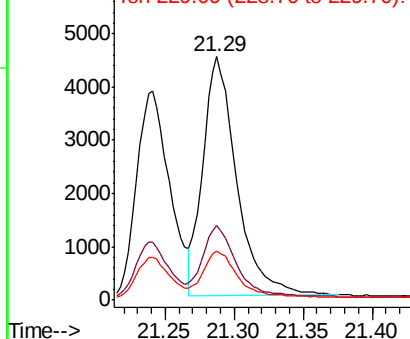
228 100

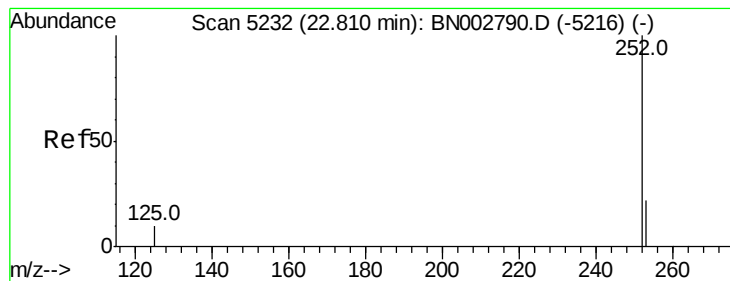
226 30.4 23.4 35.0

229 20.2 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: 0.406 ng/u1

RT: 22.81 min Scan# 5231

Delta R.T. -0.00 min

Lab File: BN002809.D

Acq: 21 Sep 2018 08:52

Instrument :

BNA_N

ClientSampled :

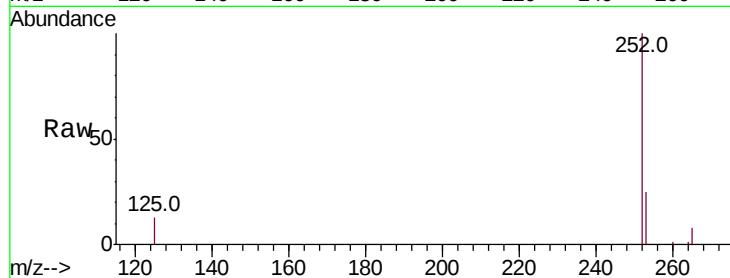
Tot Ion:252 Resp: 6961

Ion Ratio Lower Upper

252 100

253 25.5 0.0 64.2

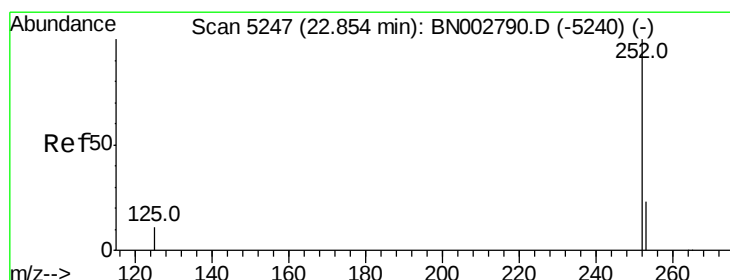
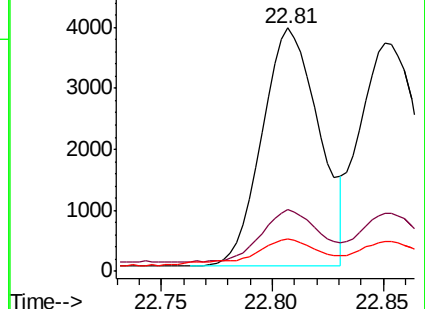
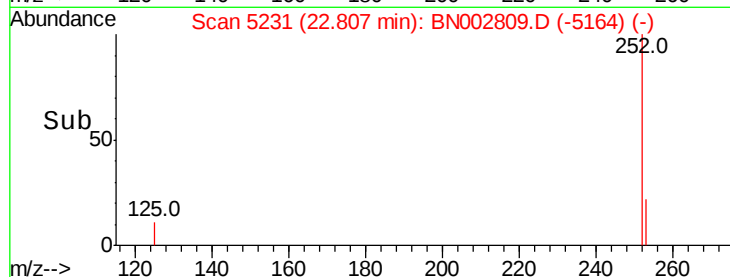
125 13.3 0.0 35.0



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: 0.421 ng/u1

RT: 22.85 min Scan# 5246

Delta R.T. -0.00 min

Lab File: BN002809.D

Acq: 21 Sep 2018 08:52

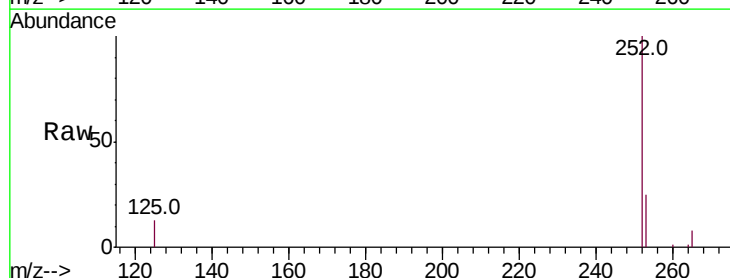
Tgt Ion:252 Resp: 7606

Ion Ratio Lower Upper

252 100

253 25.5 24.5 36.7

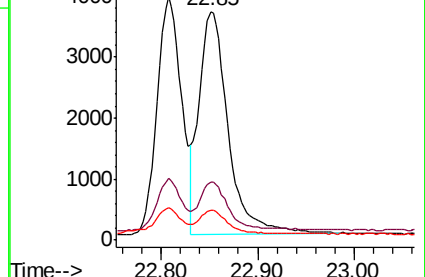
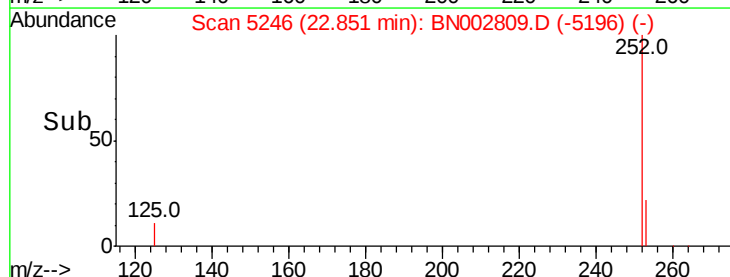
125 13.3 13.7 20.5#

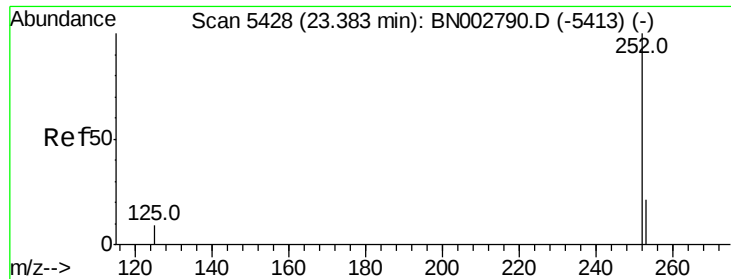


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.410 ng/ul

RT: 23.38 min Scan# 5428

Delta R.T. 0.00 min

Lab File: BN002809.D

Acq: 21 Sep 2018 08:52

Instrument :

BNA_N

ClientSampleId :

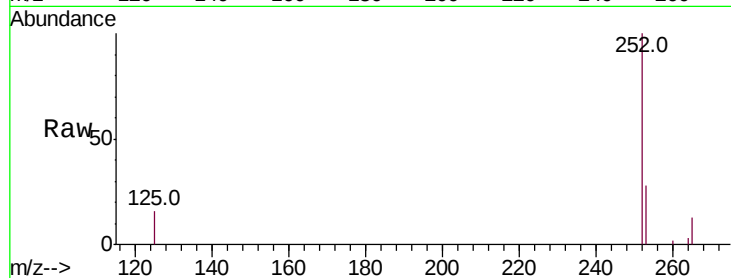
Tot Ion:252 Resp: 6746

Ion Ratio Lower Upper

252 100

253 27.7 16.0 24.0#

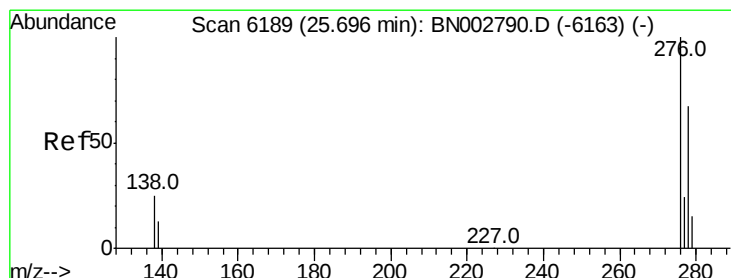
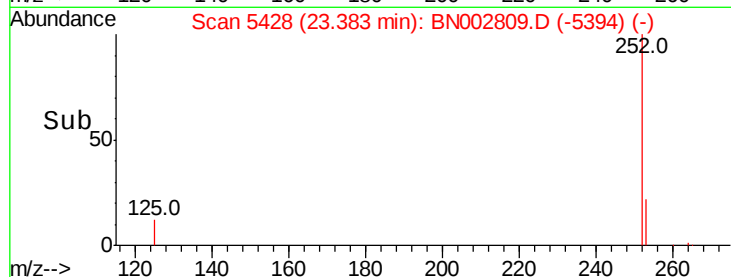
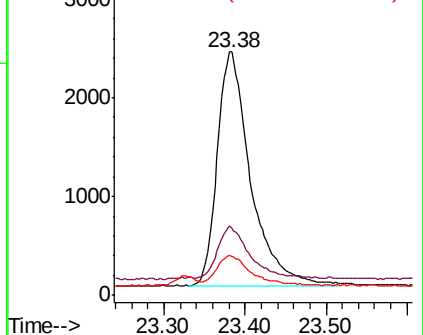
125 16.1 12.0 18.0



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: 0.386 ng/ul

RT: 25.69 min Scan# 6187

Delta R.T. -0.01 min

Lab File: BN002809.D

Acq: 21 Sep 2018 08:52

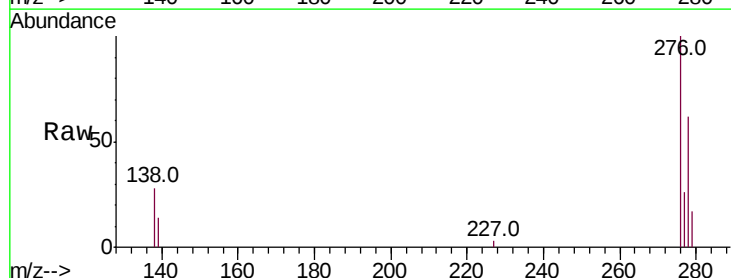
Tgt Ion:276 Resp: 7646

Ion Ratio Lower Upper

276 100

138 28.3 28.0 42.0

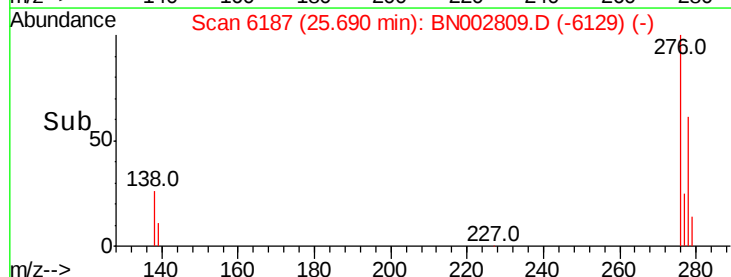
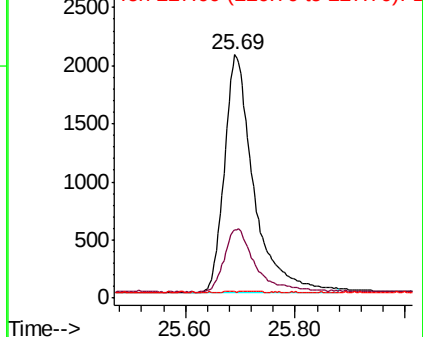
227 0.2 0.8 1.2#

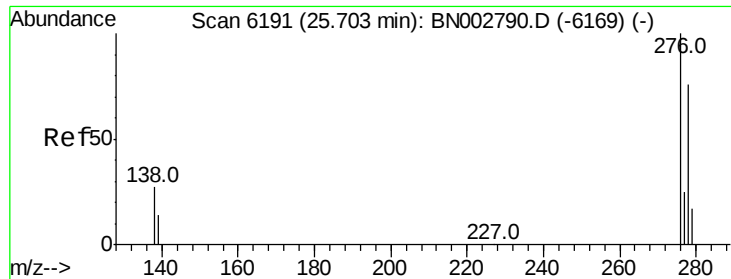


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.383 ng/ul

RT: 25.70 min Scan# 6191

Delta R.T. 0.00 min

Lab File: BN002809.D

Acq: 21 Sep 2018 08:52

Instrument :

BNA_N

ClientSampleId :

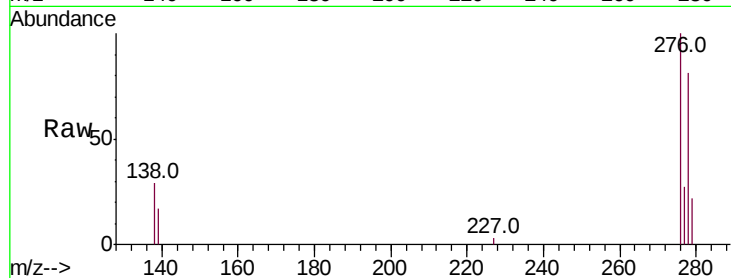
Tot Ion:278 Resp: 6083

Ion Ratio Lower Upper

278 100

139 21.1 17.4 26.0

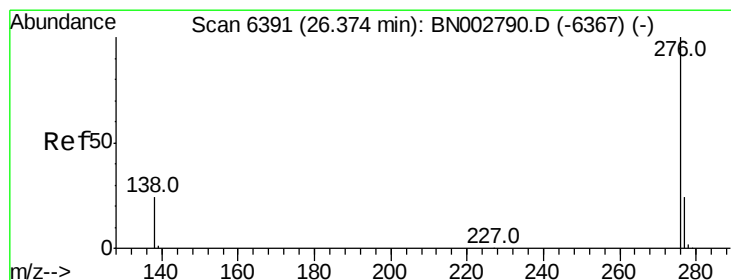
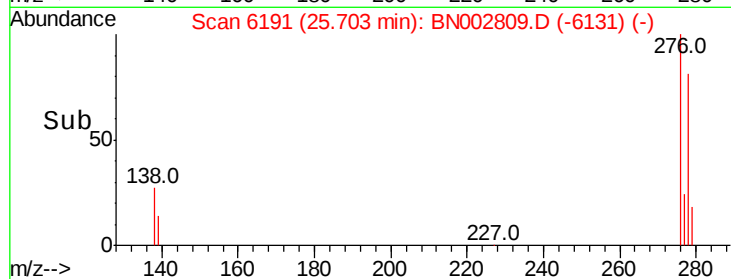
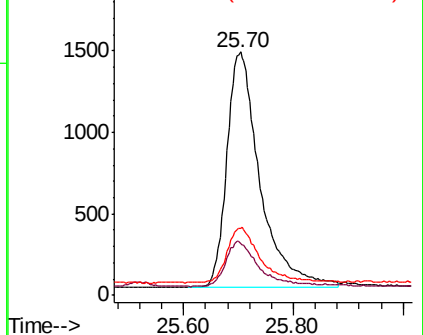
279 27.4 25.9 38.9



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(g,h,i)perylene

Concen: 0.391 ng/ul

RT: 26.37 min Scan# 6391

Delta R.T. 0.00 min

Lab File: BN002809.D

Acq: 21 Sep 2018 08:52

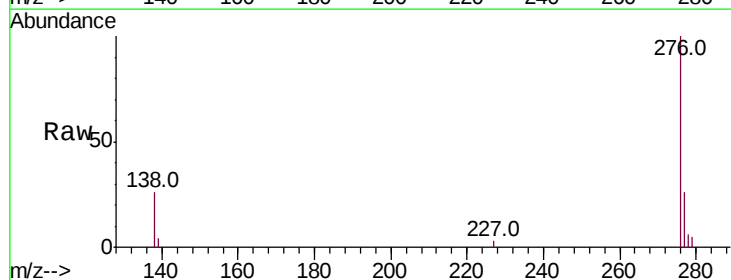
Tgt Ion:276 Resp: 6685

Ion Ratio Lower Upper

276 100

138 25.8 21.8 32.8

277 25.9 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

