

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003109.D
 Acq On : 11 Oct 2018 18:51
 Operator : MJ/SJ
 Sample : J5368-07MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 05:37:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 12 05:29:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1505	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.41	136	6197	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3454	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7218	0.40	ng/ul	-0.01
16) Chrysene-d12	21.22	240	4663	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4763	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.01	152	2878	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	5603	0.27	ng/ul	0.00

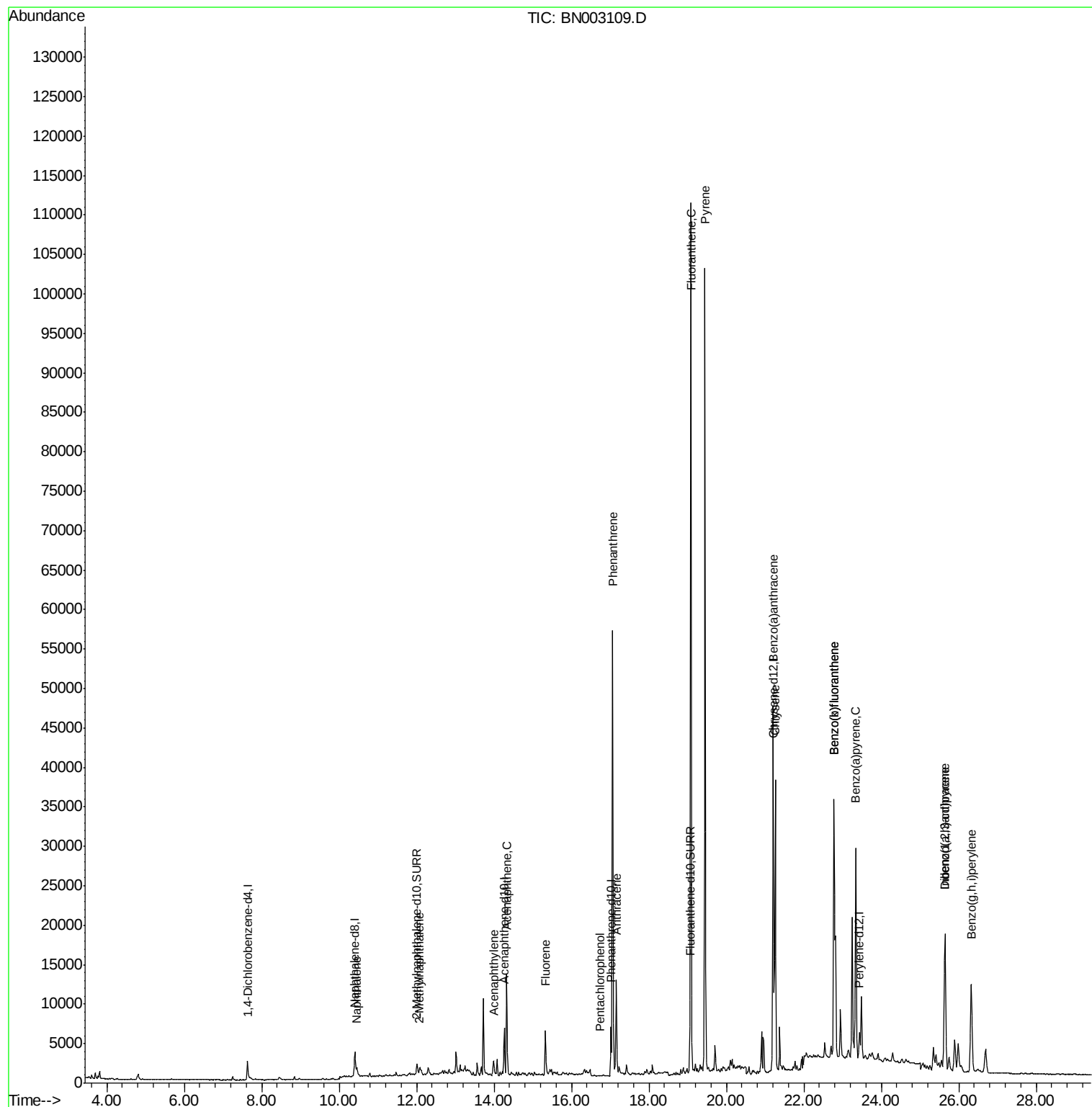
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.46	128	1895	0.119	ng/ul#	89
5) 2-Methylnaphthalene	12.08	142	945	0.086	ng/ul	95
7) Acenaphthylene	13.99	152	1406	0.089	ng/ul#	12
8) Acenaphthene	14.32	153	8010	0.668	ng/ul	99
9) Fluorene	15.33	166	4351	0.317	ng/ul	97
11) Pentachlorophenol	16.73	266	16	0.023	ng/ul#	46
12) Phenanthrene	17.06	178	62585	3.110	ng/ul	99
13) Anthracene	17.16	178	13712	0.721	ng/ul	98
15) Fluoranthene	19.09	202	98509	4.173	ng/ul	98
17) Pyrene	19.45	202	85560	4.724	ng/ul	98
18) Benzo(a)anthracene	21.21	228	38570	2.570	ng/ul	98
19) Chrysene	21.26	228	36244	2.379	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	69087	4.028	ng/ul	95
22) Benzo(k)fluoranthene	22.78	252	69087	3.885	ng/ul	96
23) Benzo(a)pyrene	23.34	252	36948	2.403	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.65	276	26136	1.479	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	7086	0.501	ng/ul#	87
26) Benzo(g,h,i)perylene	26.32	276	22918	1.539	ng/ul	96

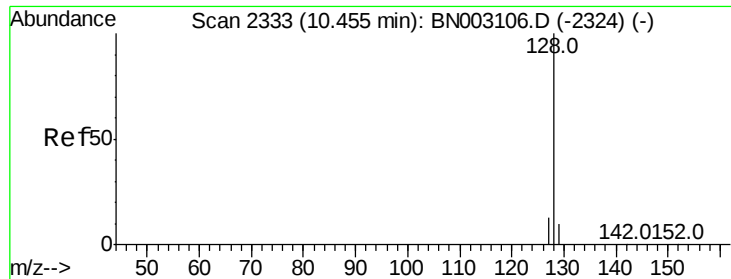
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003109.D
Acq On : 11 Oct 2018 18:51
Operator : MJ/SJ
Sample : J5368-07MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 12 05:37:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 05:29:36 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.119 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

Instrument :

BNA_N

ClientSampleId :

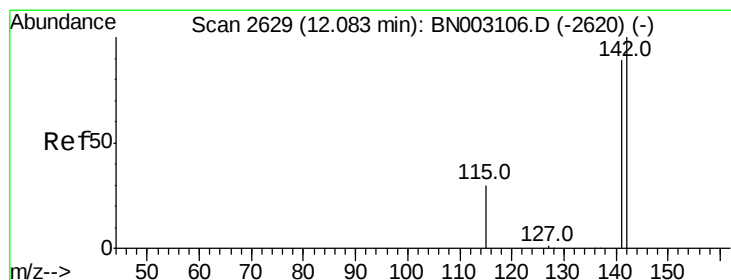
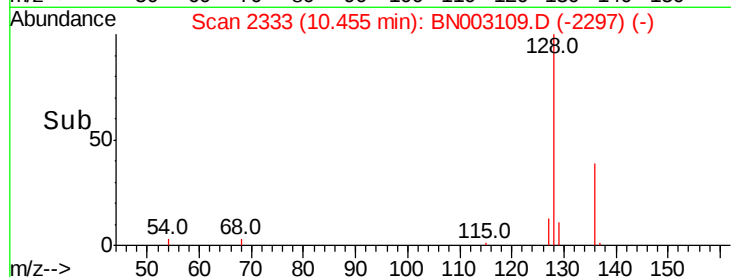
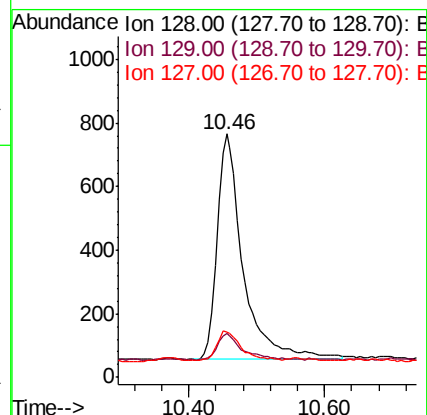
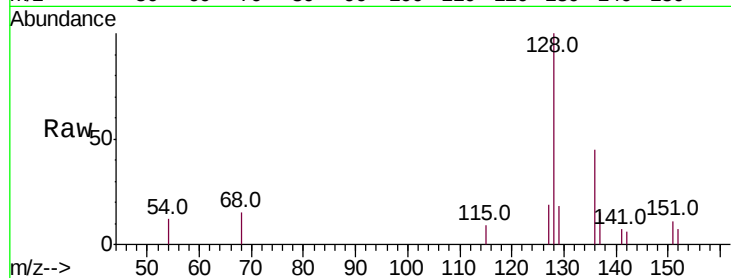
Tot Ion:128 Resp: 1895

Ion Ratio Lower Upper

128 100

129 17.9 10.4 15.6#

127 18.8 11.7 17.5#



#5

2-Methylnaphthalene

Concen: 0.086 ng/ul

RT: 12.08 min Scan# 2629

Delta R.T. -0.00 min

Lab File: BN003109.D

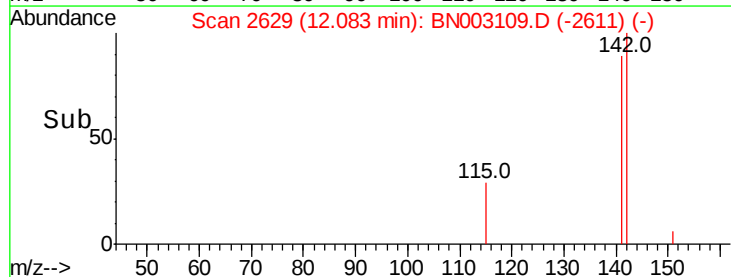
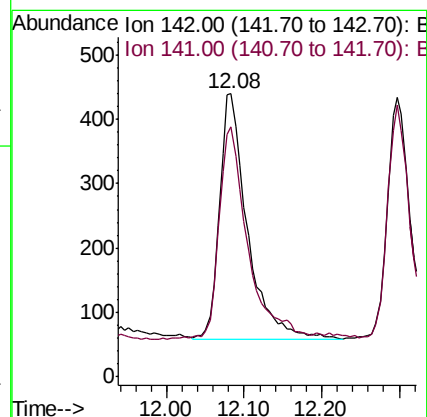
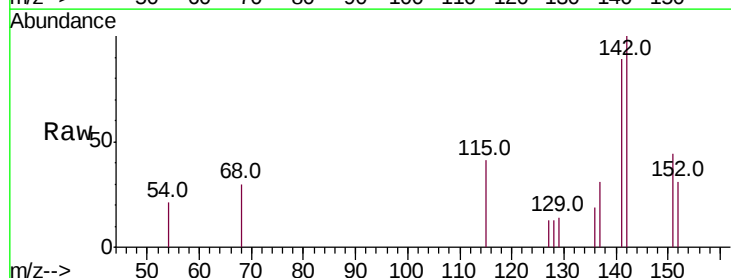
Acq: 11 Oct 2018 18:51

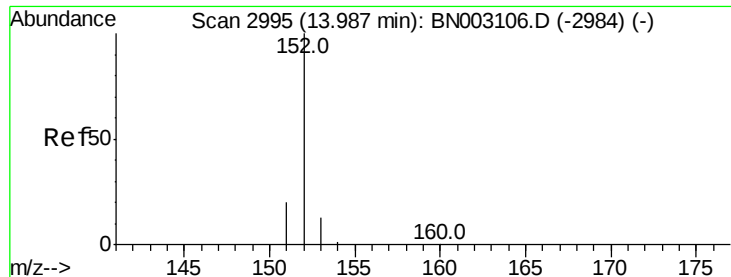
Tgt Ion:142 Resp: 945

Ion Ratio Lower Upper

142 100

141 87.2 73.4 110.0





#7

Acenaphthylene

Concen: 0.089 ng/ul

RT: 13.99 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

Instrument :

BNA_N

ClientSampleId :

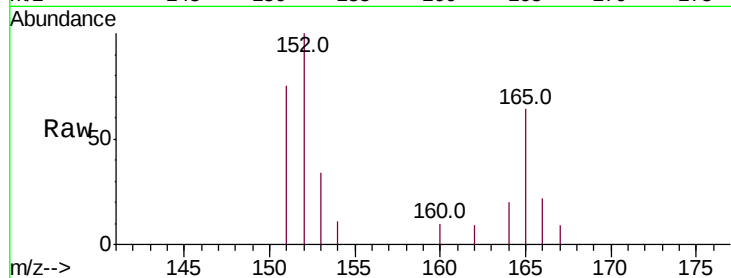
Tot Ion:152 Resp: 1406

Ion Ratio Lower Upper

152 100

151 75.0 16.5 24.7#

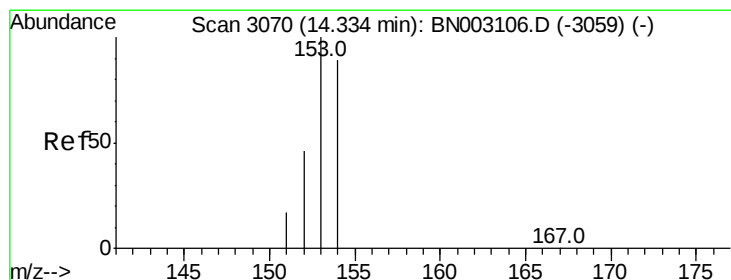
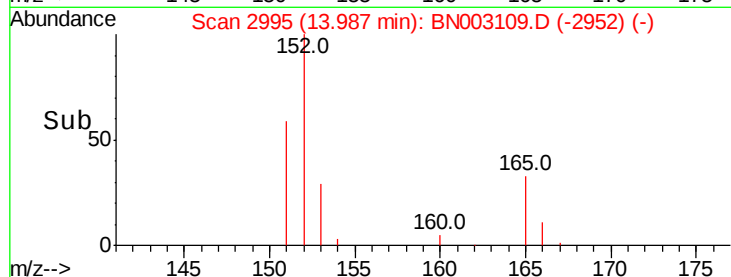
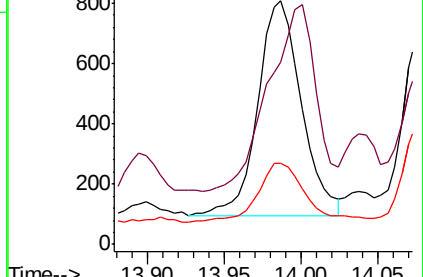
153 33.5 11.4 17.2#



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: 0.668 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

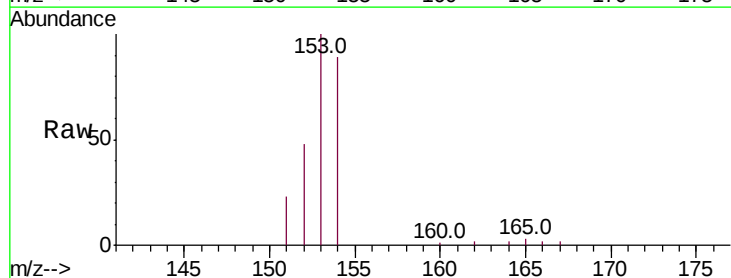
Tgt Ion:153 Resp: 8010

Ion Ratio Lower Upper

153 100

152 48.1 38.2 57.4

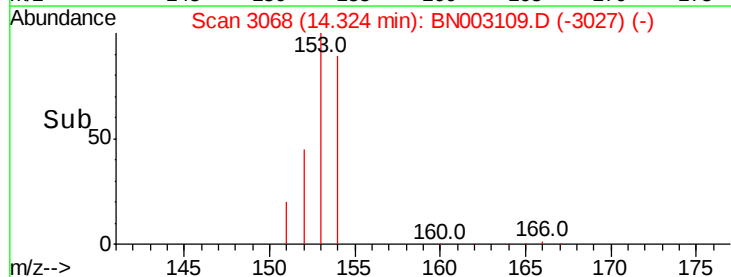
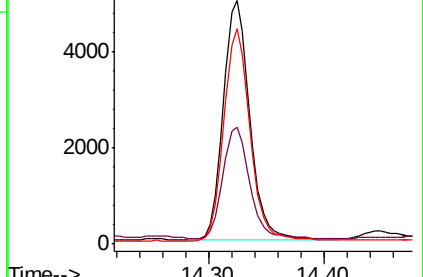
154 88.6 70.2 105.2

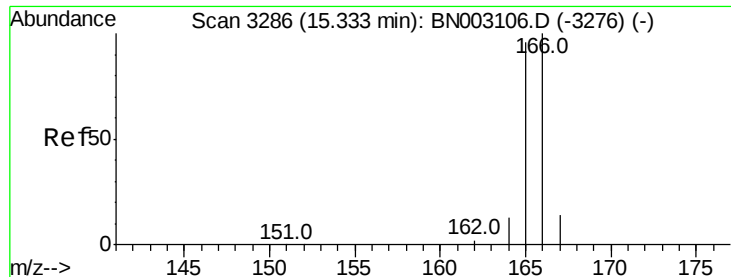


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.317 ng/ul

RT: 15.33 min Scan# 3285

Delta R.T. -0.00 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

Instrument :

BNA_N

ClientSampleId :

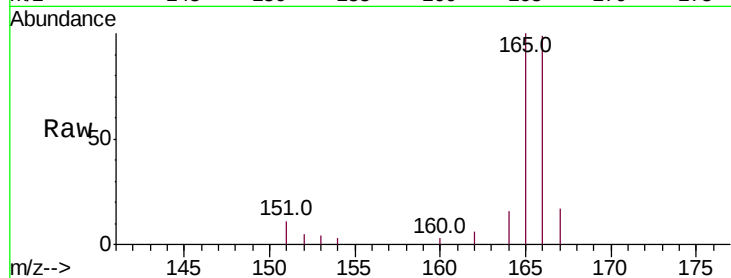
Tot Ion:166 Resp: 4351

Ion Ratio Lower Upper

166 100

165 101.2 78.5 117.7

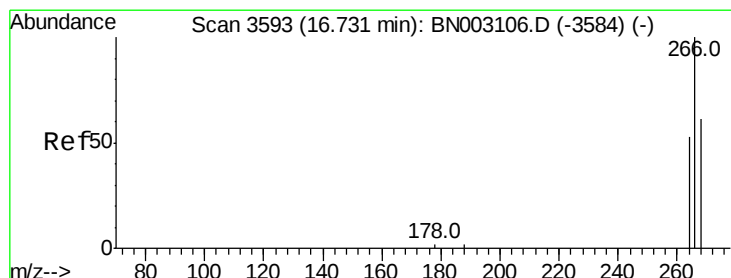
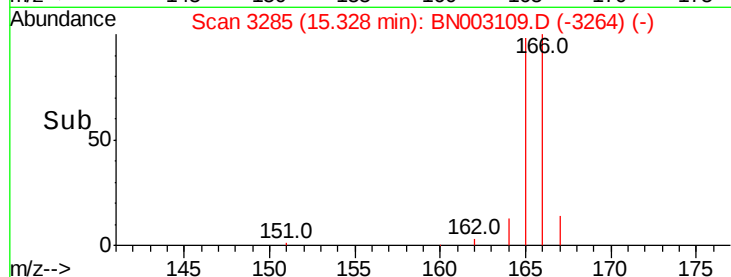
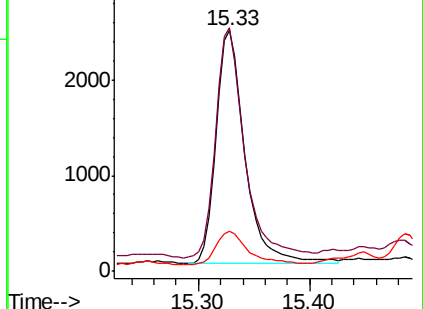
167 16.8 11.6 17.4



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: 0.023 ng/ul

RT: 16.73 min Scan# 3592

Delta R.T. -0.00 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

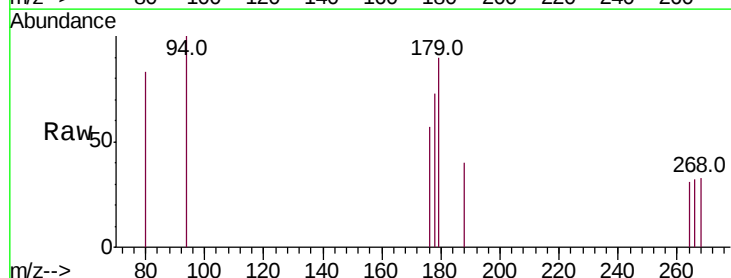
Tgt Ion:266 Resp: 16

Ion Ratio Lower Upper

266 100

264 0.0 52.5 78.7#

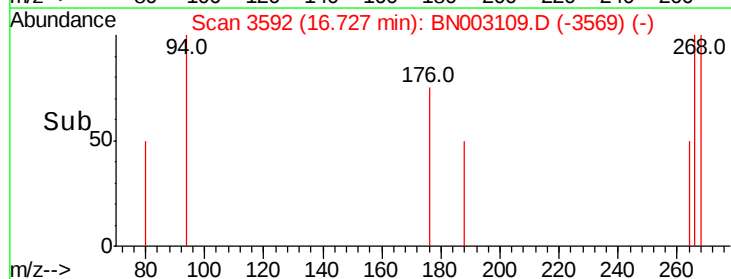
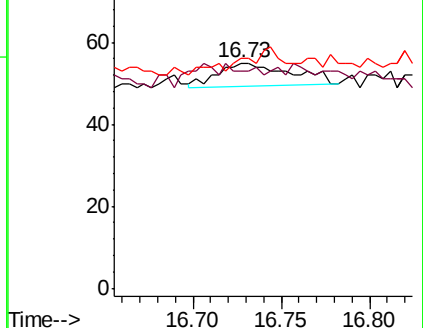
268 43.8 48.6 72.8#

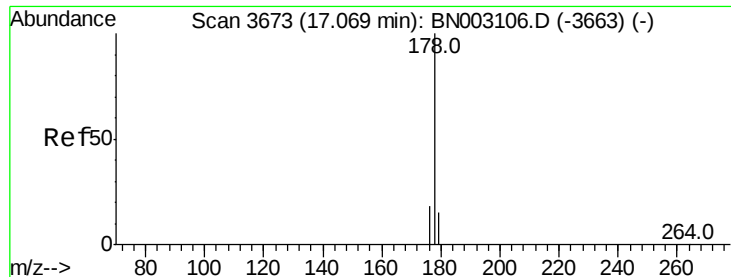


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 3.110 ng/ul

RT: 17.06 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

Instrument :

BNA_N

ClientSampled :

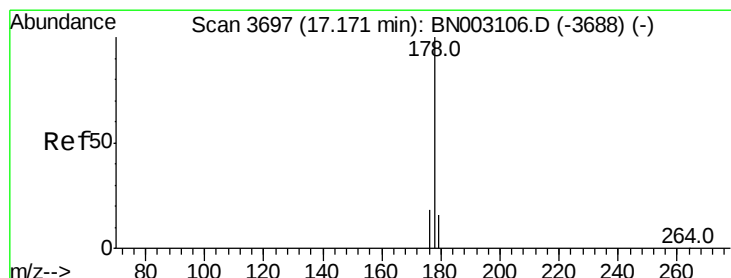
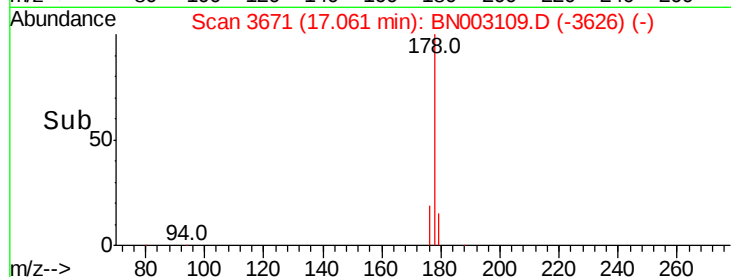
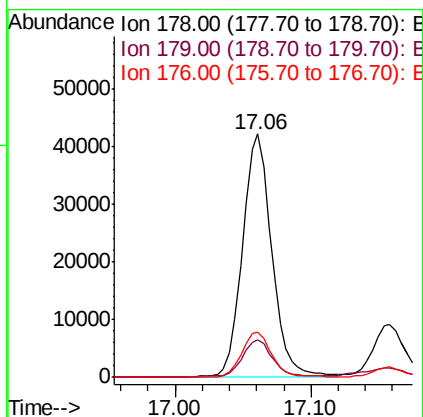
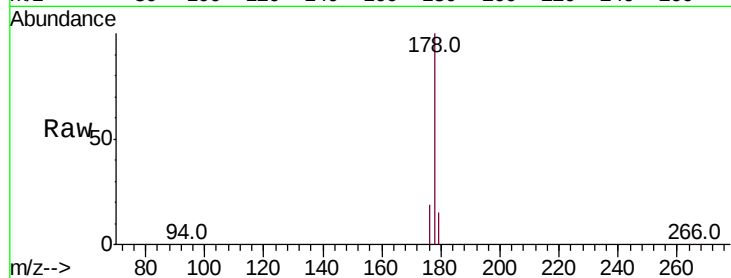
Tot Ion:178 Resp: 62585

Ion Ratio Lower Upper

178 100

179 15.5 12.9 19.3

176 18.8 15.4 23.2



#13

Anthracene

Concen: 0.721 ng/ul

RT: 17.16 min Scan# 3694

Delta R.T. -0.01 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

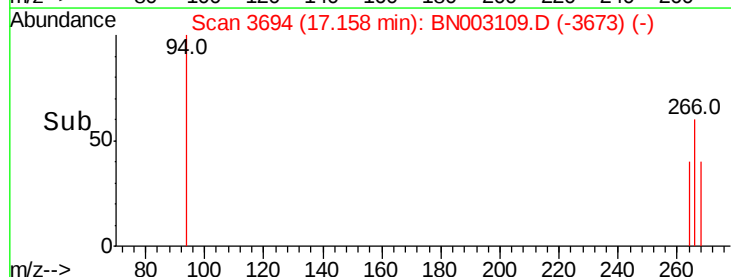
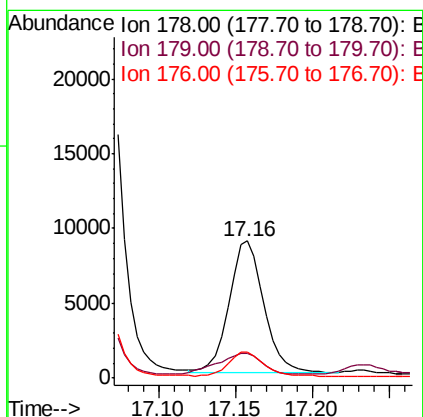
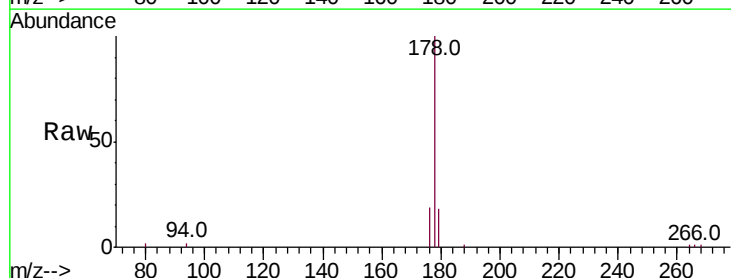
Tgt Ion:178 Resp: 13712

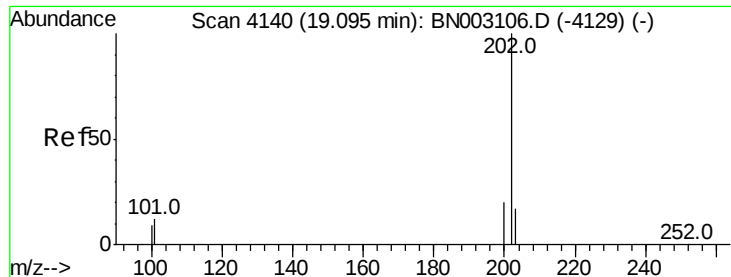
Ion Ratio Lower Upper

178 100

179 17.7 13.0 19.6

176 19.0 15.3 22.9





#15

Fluoranthene

Concen: 4.173 ng/ul

RT: 19.09 min Scan# 4138

Delta R.T. -0.01 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

Instrument :

BNA_N

ClientSampleId :

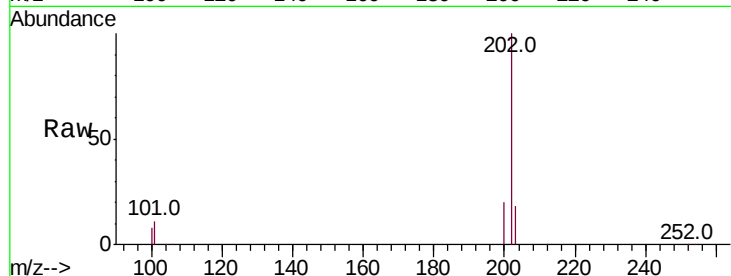
Tot Ion:202 Resp: 98509

Ion Ratio Lower Upper

202 100

101 11.4 0.0 32.3

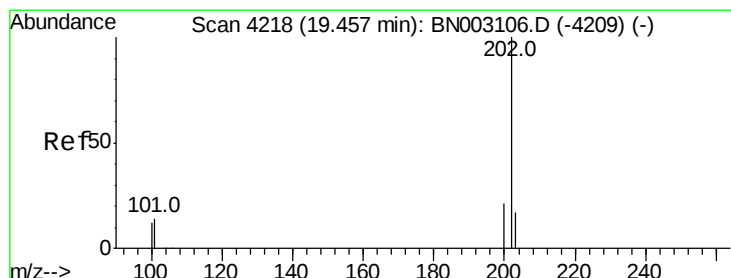
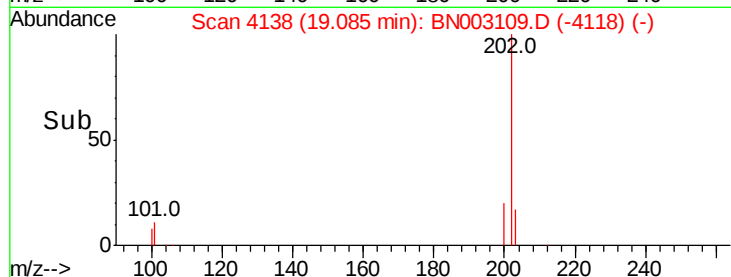
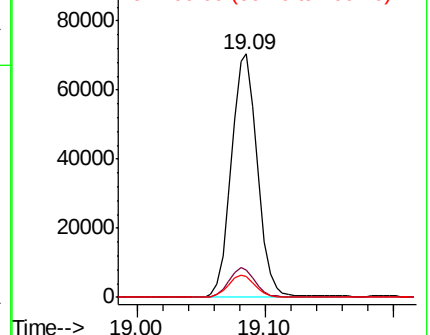
100 8.5 0.0 29.1



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: 4.724 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

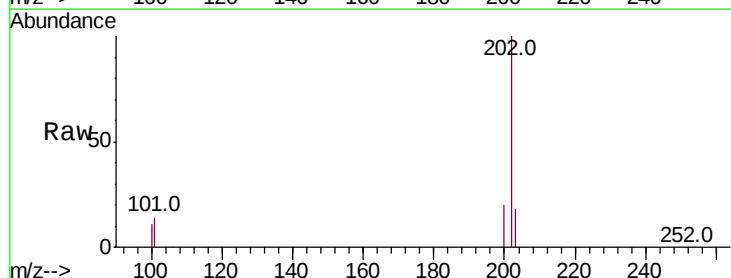
Tgt Ion:202 Resp: 85560

Ion Ratio Lower Upper

202 100

101 14.2 11.9 17.9

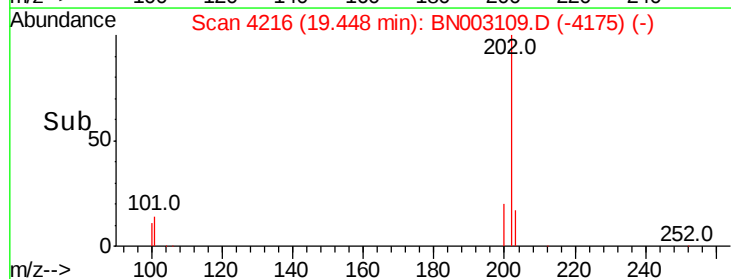
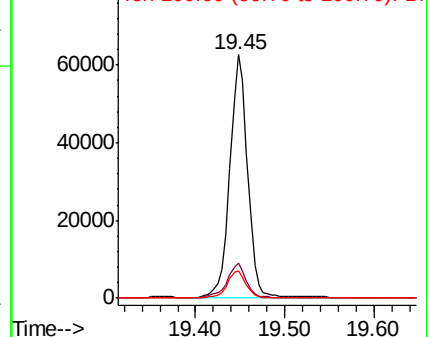
100 11.3 9.9 14.9

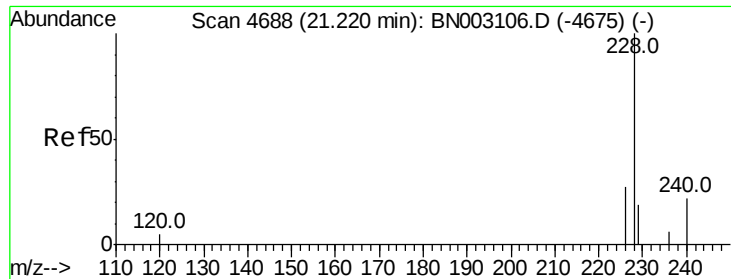


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 2.570 ng/ul

RT: 21.21 min Scan# 4684

Delta R.T. -0.01 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

Instrument :

BNA_N

ClientSampleId :

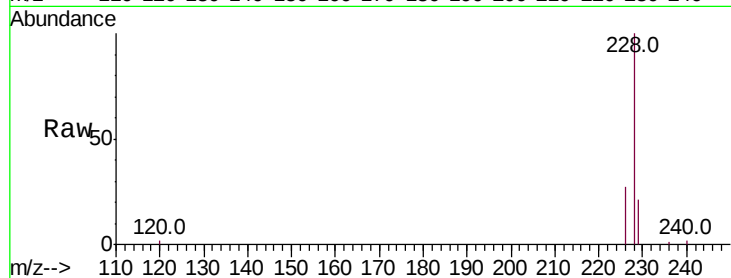
Tot Ion:228 Resp: 38570

Ion Ratio Lower Upper

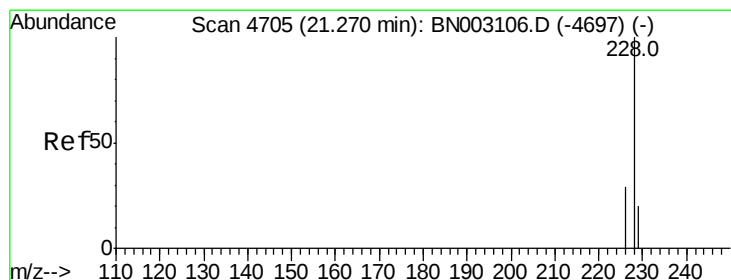
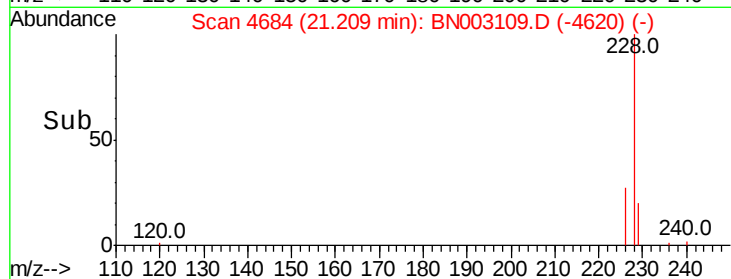
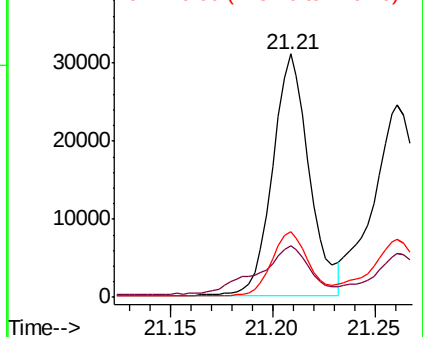
228 100

229 21.1 16.2 24.2

226 27.1 22.3 33.5



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: 2.379 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

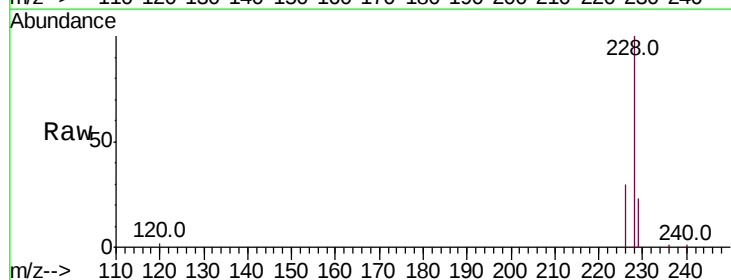
Tgt Ion:228 Resp: 36244

Ion Ratio Lower Upper

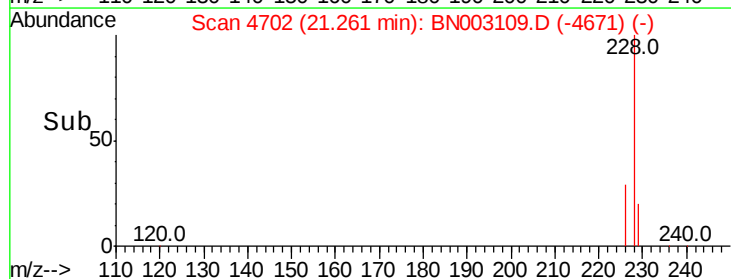
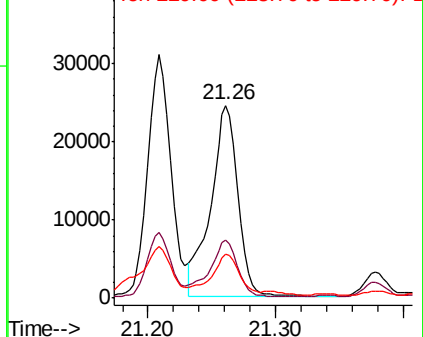
228 100

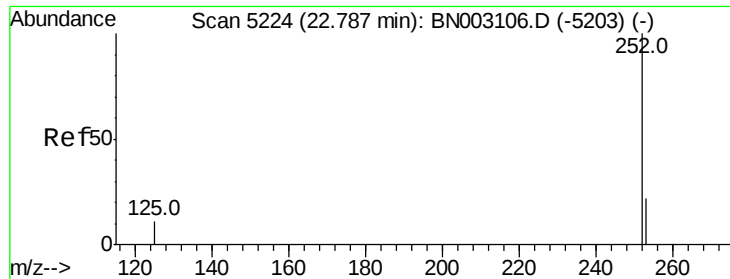
226 29.9 24.2 36.4

229 22.7 16.7 25.1



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: 4.028 ng/ul

RT: 22.78 min Scan# 5222

Delta R.T. -0.01 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

Instrument :

BNA_N

ClientSampleId :

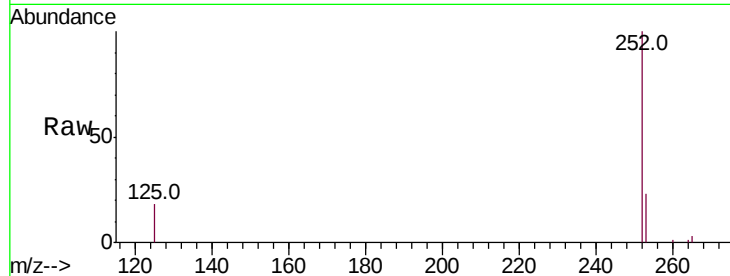
Tot Ion:252 Resp: 69087

Ion Ratio Lower Upper

252 100

253 23.5 0.0 53.2

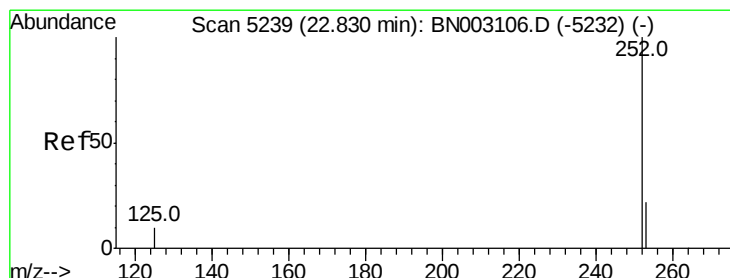
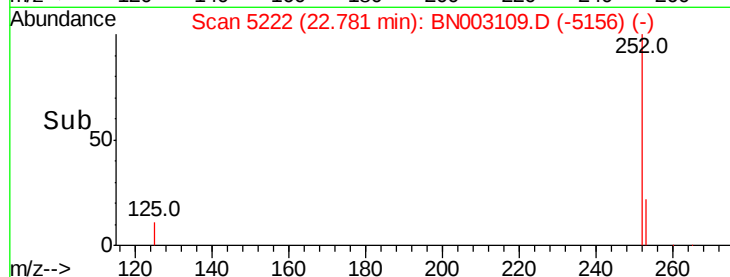
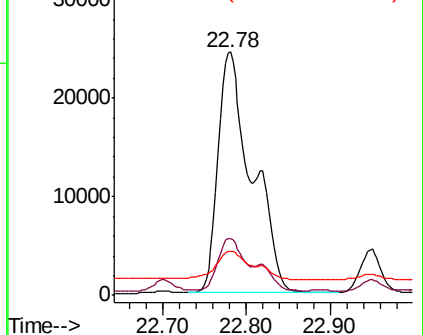
125 18.3 0.0 34.2



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: 3.885 ng/ul

RT: 22.78 min Scan# 5222

Delta R.T. -0.05 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

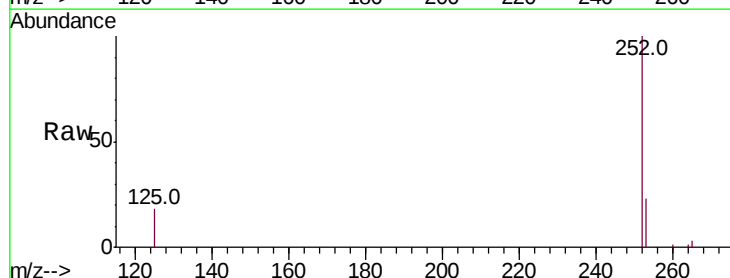
Tgt Ion:252 Resp: 69087

Ion Ratio Lower Upper

252 100

253 23.5 21.3 31.9

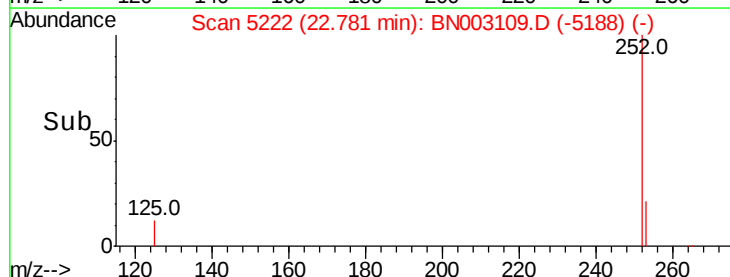
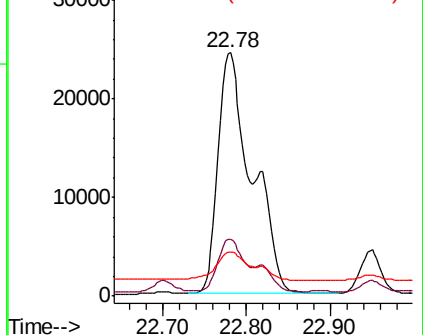
125 18.3 14.1 21.1

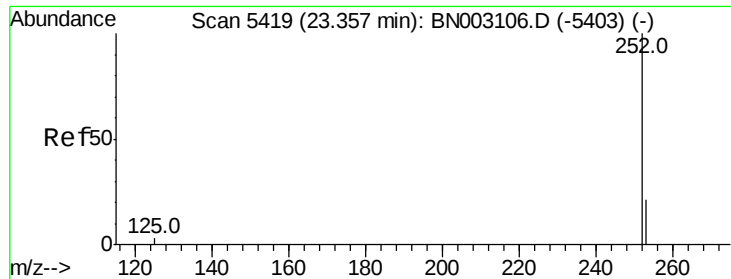


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 2.403 ng/ul

RT: 23.34 min Scan# 5414

Delta R.T. -0.01 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

Instrument :

BNA_N

ClientSampleId :

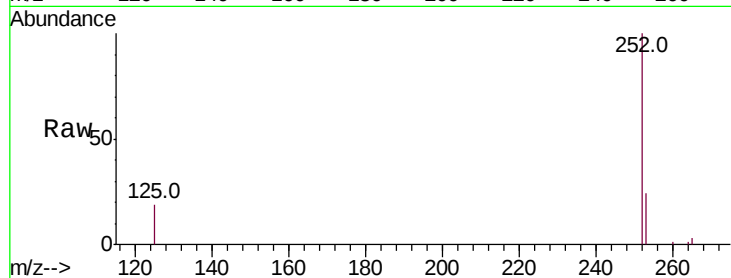
Tot Ion:252 Resp: 36948

Ion Ratio Lower Upper

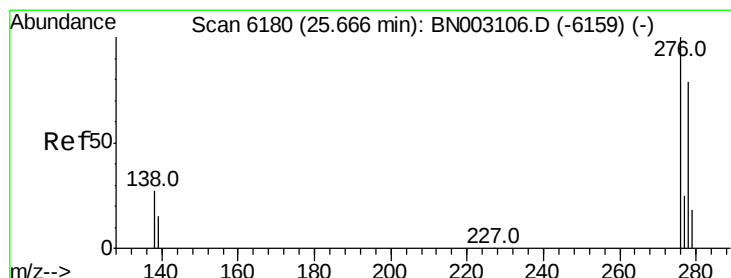
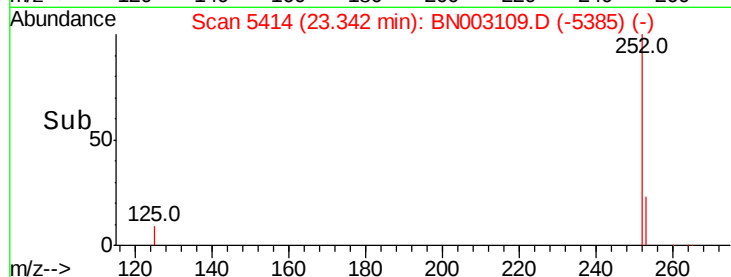
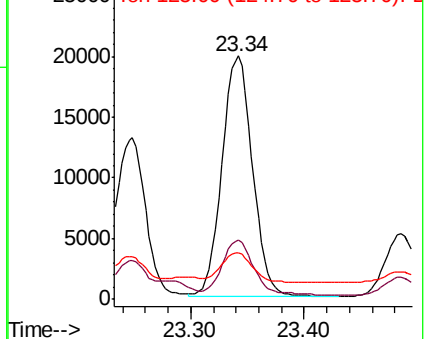
252 100

253 24.5 23.1 34.7

125 19.1 16.9 25.3



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: 1.479 ng/ul

RT: 25.65 min Scan# 6174

Delta R.T. -0.02 min

Lab File: BN003109.D

Acq: 11 Oct 2018 18:51

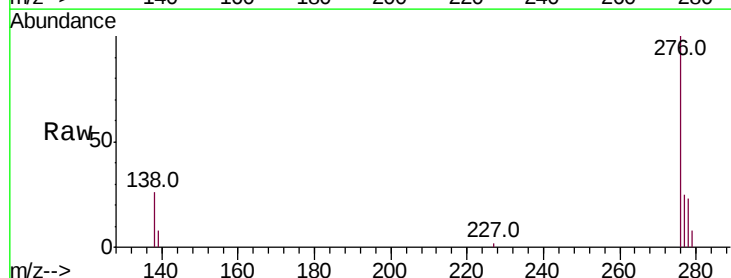
Tgt Ion:276 Resp: 26136

Ion Ratio Lower Upper

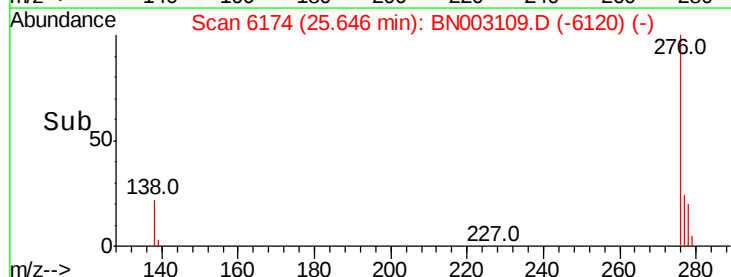
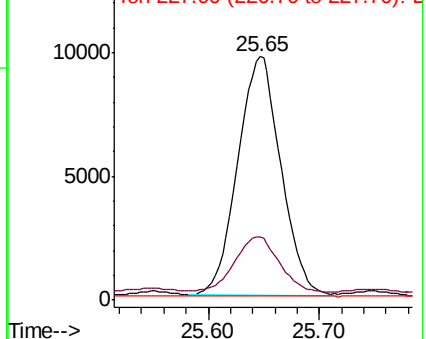
276 100

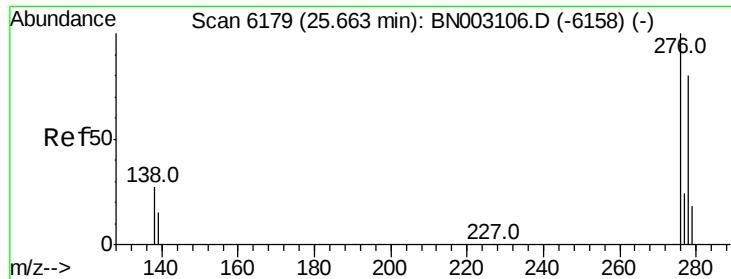
138 23.5 21.5 32.3

227 0.2 0.3 0.5#



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



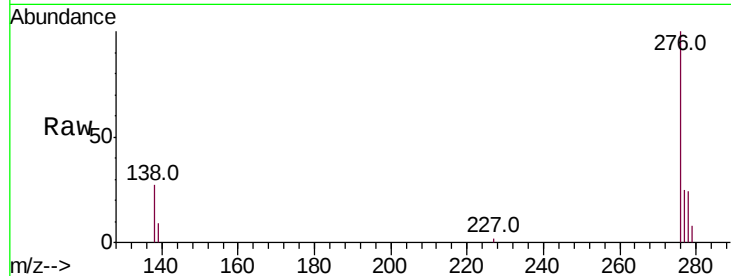


#25

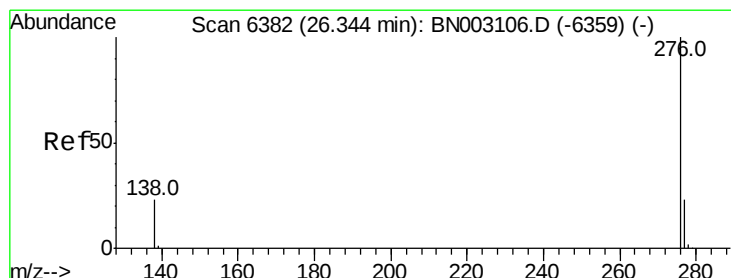
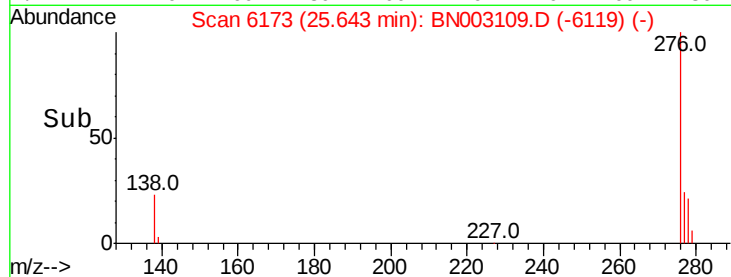
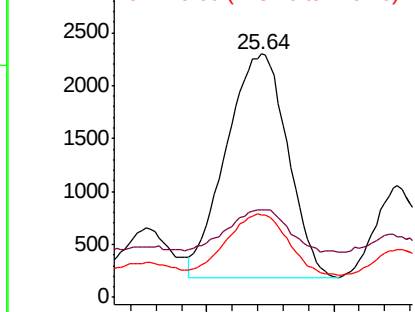
Dibenzo(a,h)anthracene
 Concen: 0.501 ng/ul
 RT: 25.64 min Scan# 6173
 Delta R.T. -0.02 min
 Lab File: BN003109.D
 Acq: 11 Oct 2018 18:51

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:278 Resp: 7086
 Ion Ratio Lower Upper
 278 100
 139 35.7 20.2 30.4#
 279 33.8 23.8 35.8



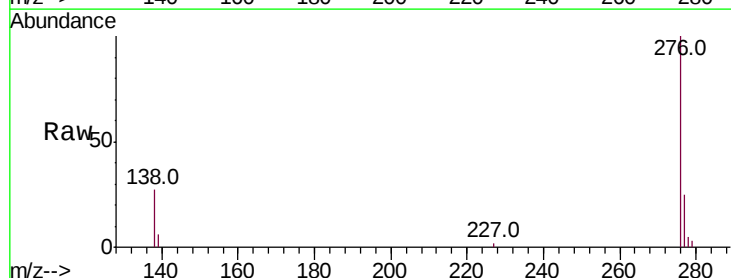
Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene
 Concen: 1.539 ng/ul
 RT: 26.32 min Scan# 6374
 Delta R.T. -0.03 min
 Lab File: BN003109.D
 Acq: 11 Oct 2018 18:51

Tgt Ion:276 Resp: 22918
 Ion Ratio Lower Upper
 276 100
 138 27.0 23.0 34.4
 277 25.3 22.0 33.0



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

