

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092218\
 Data File : BN002829.D
 Acq On : 21 Sep 2018 21:39
 Operator : JU/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 21 23:49:47 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 23:48:47 2018
 Response via : Initial Calibration

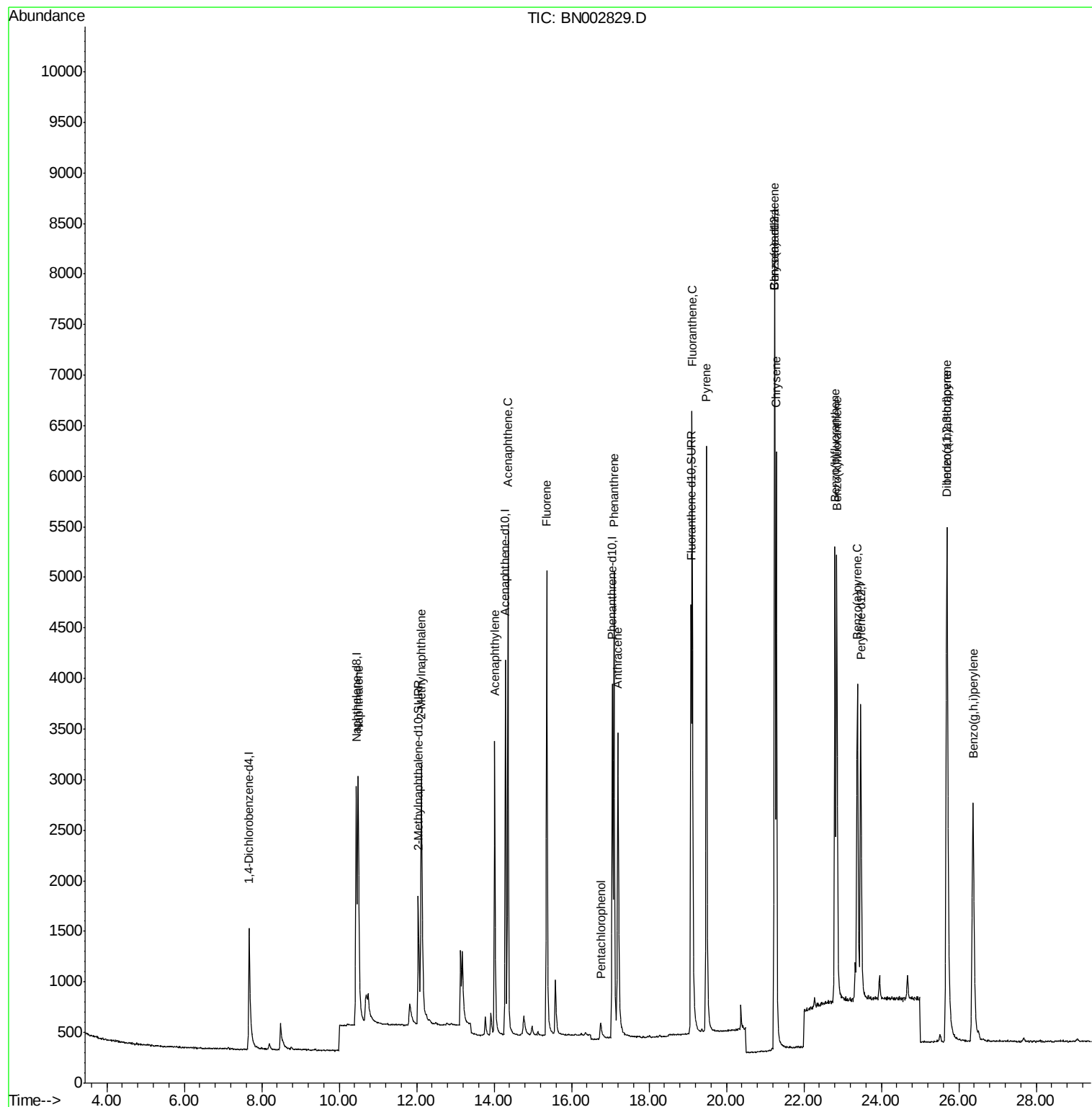
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1065	0.40	ng/ul	0.01
2) Naphthalene-d8	10.44	136	4723	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	2461	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	5310	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	4812	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	4550	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	2821	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	5907	0.43	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.49	128	4895	0.412	ng/ul#	96
5) 2-Methylnaphthalene	12.12	142	3241	0.421	ng/ul	99
7) Acenaphthylene	14.01	152	4250	0.409	ng/ul	99
8) Acenaphthene	14.36	153	3479	0.410	ng/ul	98
9) Fluorene	15.36	166	3820	0.422	ng/ul	93
11) Pentachlorophenol	16.74	266	255	0.426	ng/ul	95
12) Phenanthrene	17.09	178	6004	0.410	ng/ul#	89
13) Anthracene	17.20	178	5320	0.418	ng/ul#	93
15) Fluoranthene	19.12	202	6720	0.426	ng/ul	96
17) Pyrene	19.48	202	6840	0.436	ng/ul#	96
18) Benzo(a)anthracene	21.24	228	5790	0.435	ng/ul#	86
19) Chrysene	21.29	228	6649	0.429	ng/ul	98
21) Benzo(b)fluoranthene	22.81	252	6288	0.418	ng/ul	90
22) Benzo(k)fluoranthene	22.85	252	6616	0.418	ng/ul	92
23) Benzo(a)pyrene	23.38	252	6137	0.426	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.69	276	6981	0.402	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.70	278	5644	0.406	ng/ul	95
26) Benzo(g,h,i)perylene	26.37	276	6011	0.401	ng/ul	99

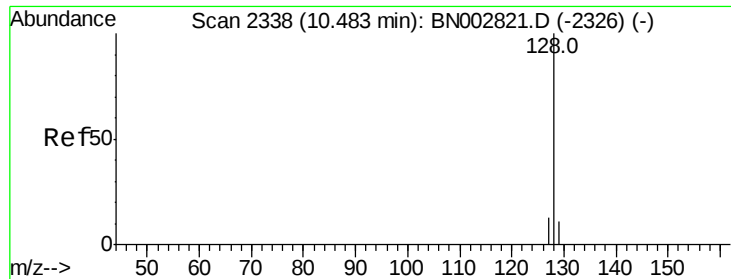
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.412 ng/ul

RT: 10.49 min Scan# 2339

Delta R.T. 0.01 min

Lab File: BN002829.D

Acq: 21 Sep 2018 21:39

Instrument :

BNA_N

ClientSampleId :

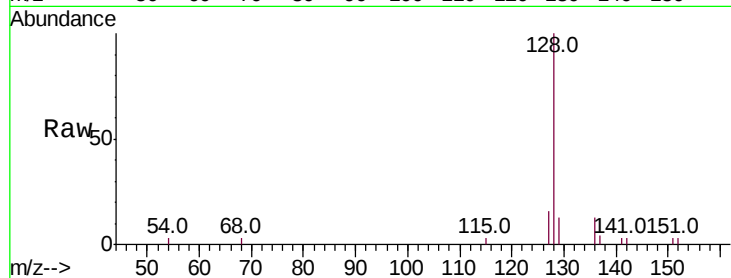
Tot Ion:128 Resp: 4895

Ion Ratio Lower Upper

128 100

129 13.1 8.0 12.0#

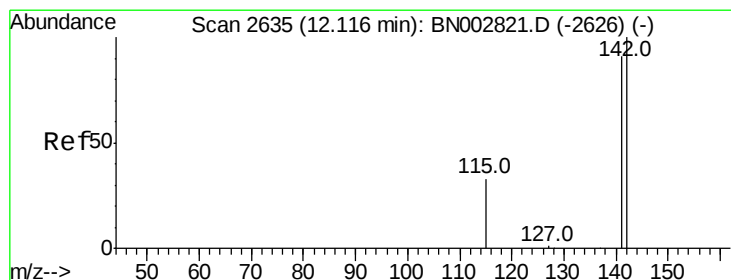
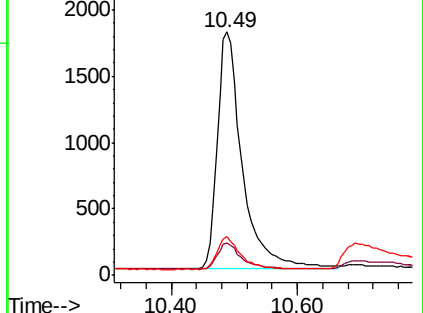
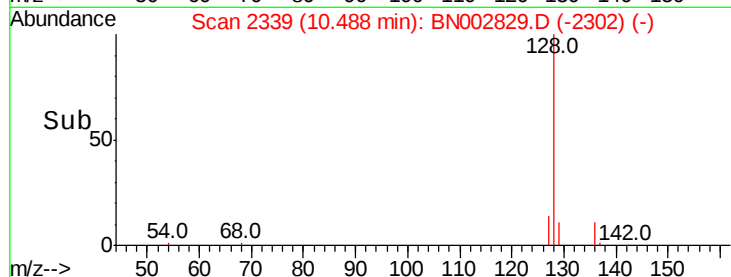
127 15.8 12.0 18.0



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: 0.421 ng/ul

RT: 12.12 min Scan# 2636

Delta R.T. 0.01 min

Lab File: BN002829.D

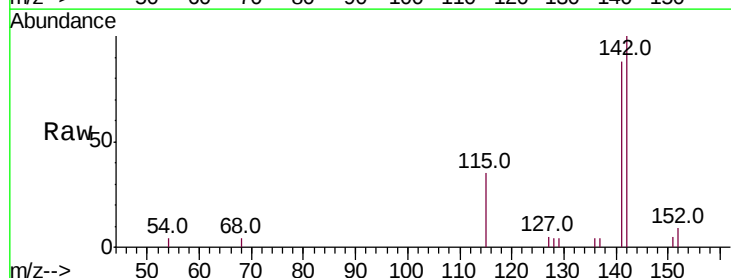
Acq: 21 Sep 2018 21:39

Tgt Ion:142 Resp: 3241

Ion Ratio Lower Upper

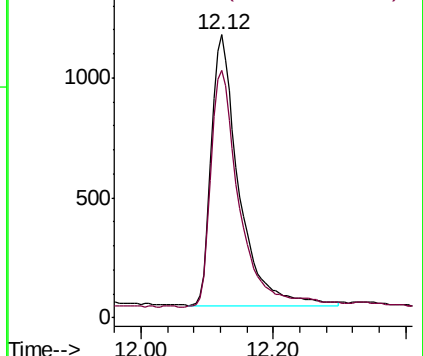
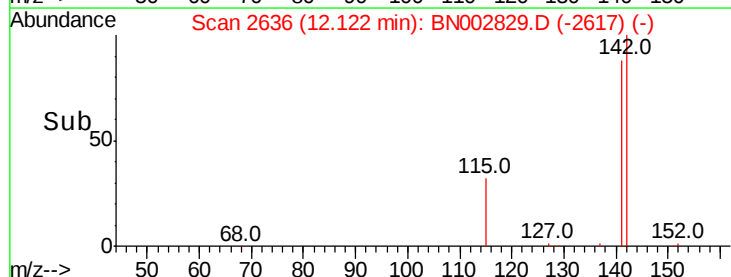
142 100

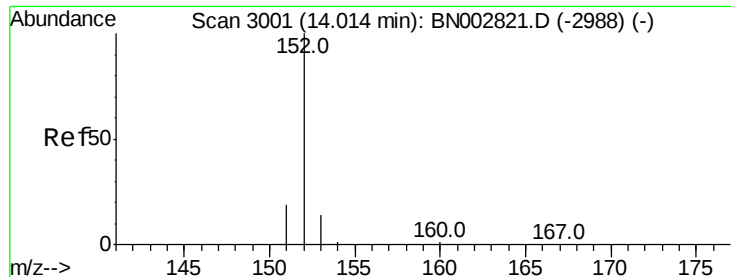
141 91.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.409 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. 0.00 min

Lab File: BN002829.D

Acq: 21 Sep 2018 21:39

Instrument :

BNA_N

ClientSampleId :

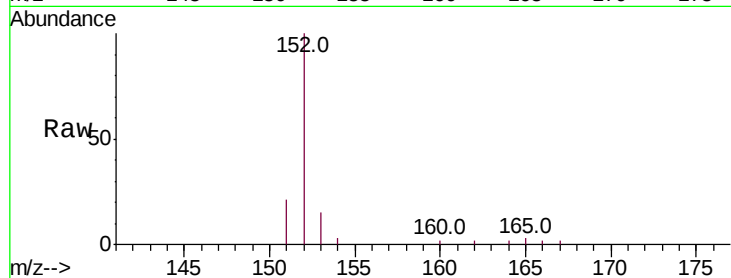
Tot Ion:152 Resp: 4250

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

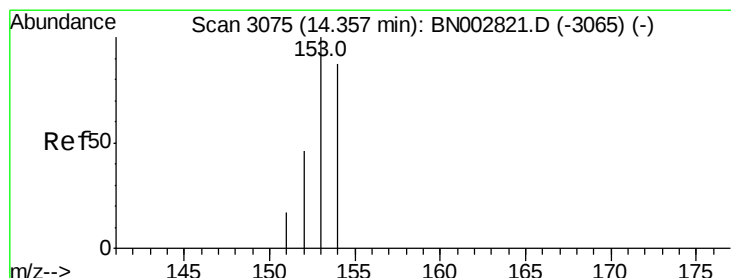
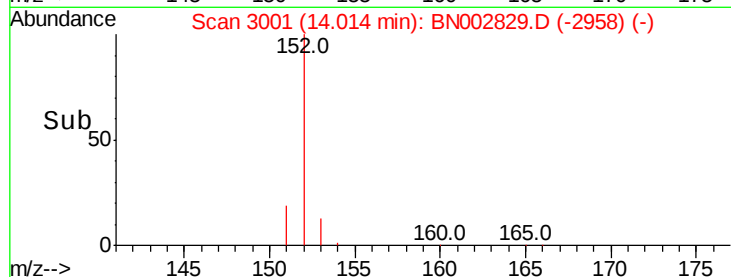
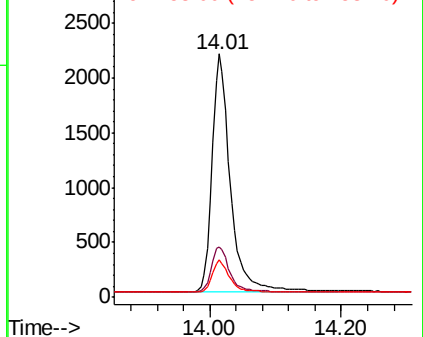
153 15.2 12.8 19.2



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: 0.410 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BN002829.D

Acq: 21 Sep 2018 21:39

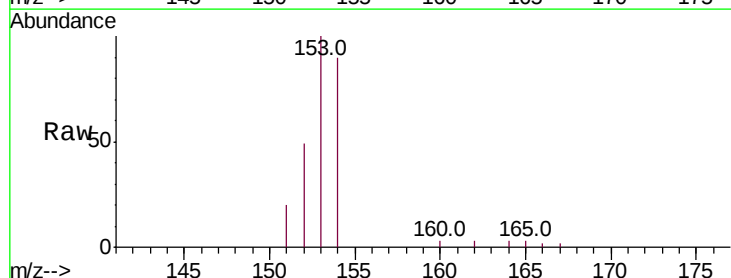
Tgt Ion:153 Resp: 3479

Ion Ratio Lower Upper

153 100

152 49.1 36.0 54.0

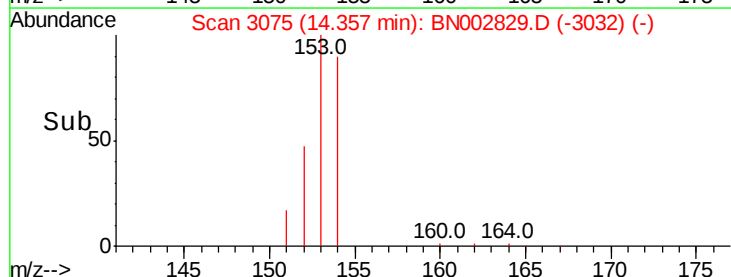
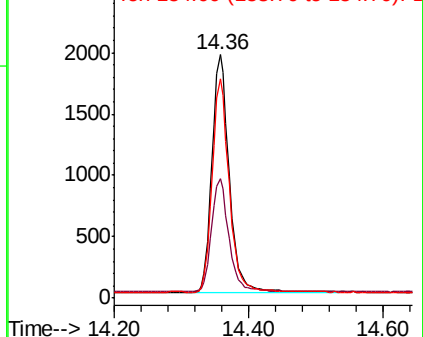
154 89.8 72.0 108.0

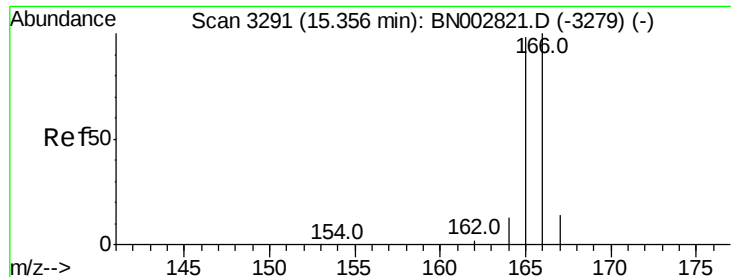


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.422 ng/ul

RT: 15.36 min Scan# 3292

Delta R.T. 0.00 min

Lab File: BN002829.D

Acq: 21 Sep 2018 21:39

Instrument :

BNA_N

ClientSampleId :

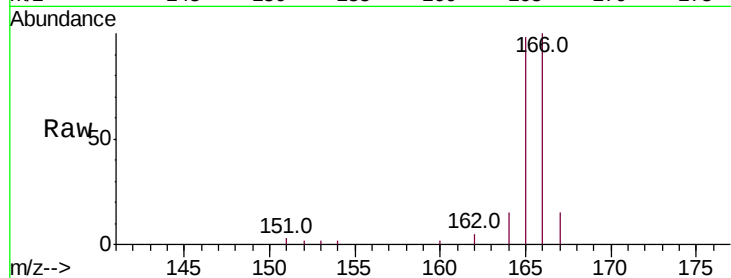
Tot Ion:166 Resp: 3820

Ion Ratio Lower Upper

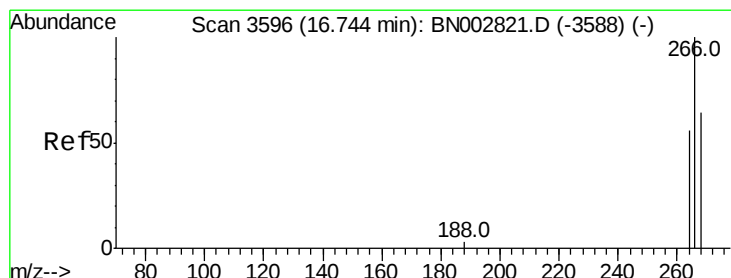
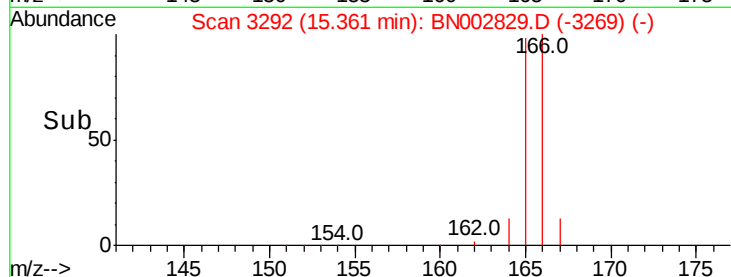
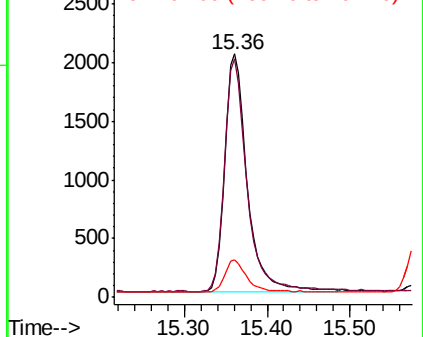
166 100

165 98.2 73.4 110.2

167 15.2 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: 0.426 ng/ul

RT: 16.74 min Scan# 3596

Delta R.T. 0.00 min

Lab File: BN002829.D

Acq: 21 Sep 2018 21:39

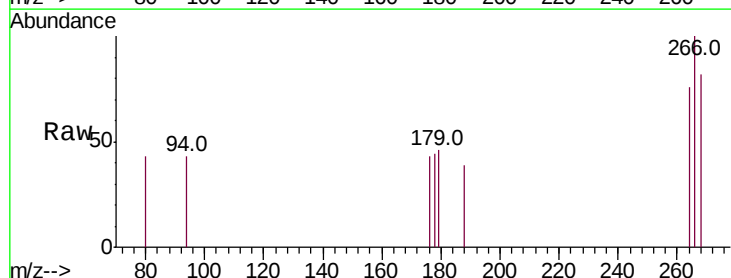
Tgt Ion:266 Resp: 255

Ion Ratio Lower Upper

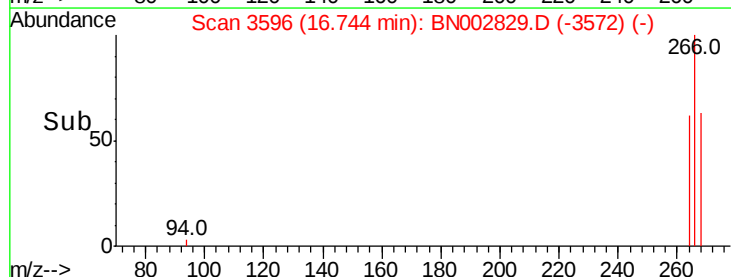
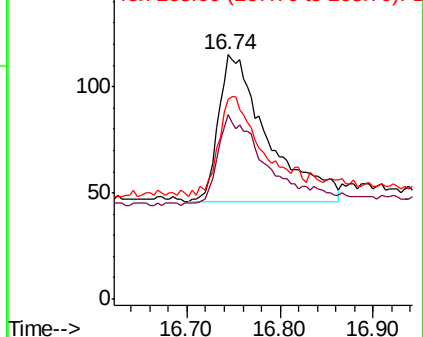
266 100

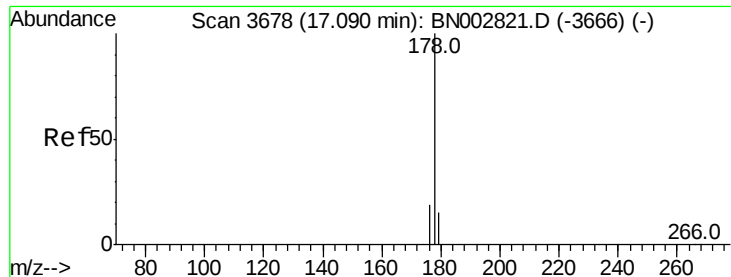
264 67.5 47.9 71.9

268 62.7 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: 0.410 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BN002829.D

Acq: 21 Sep 2018 21:39

Instrument :

BNA_N

ClientSampleId :

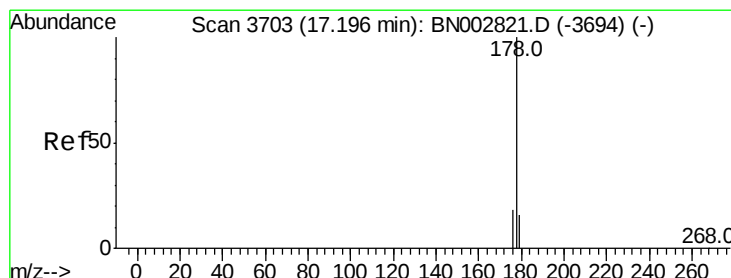
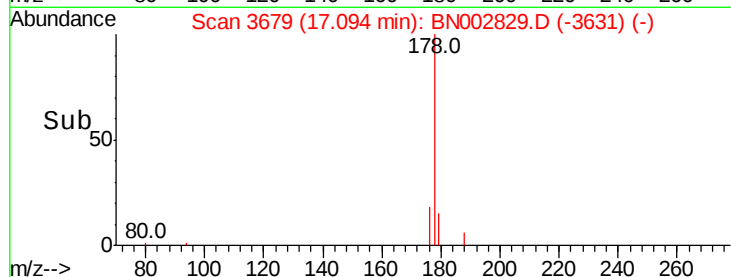
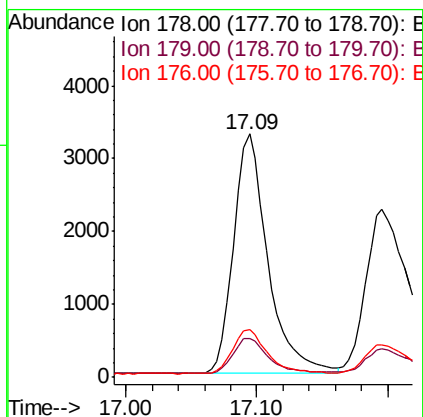
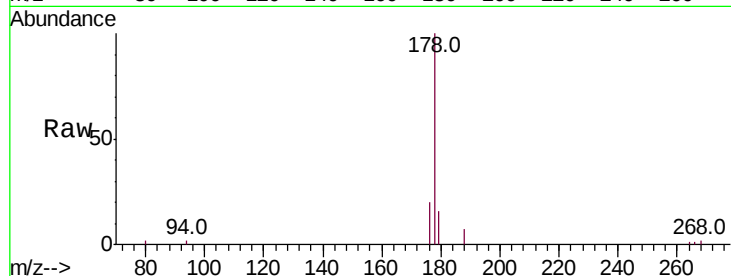
Tot Ion:178 Resp: 6004

Ion Ratio Lower Upper

178 100

179 16.2 18.4 27.6#

176 19.6 13.6 20.4



#13

Anthracene

Concen: 0.418 ng/ul

RT: 17.20 min Scan# 3703

Delta R.T. 0.00 min

Lab File: BN002829.D

Acq: 21 Sep 2018 21:39

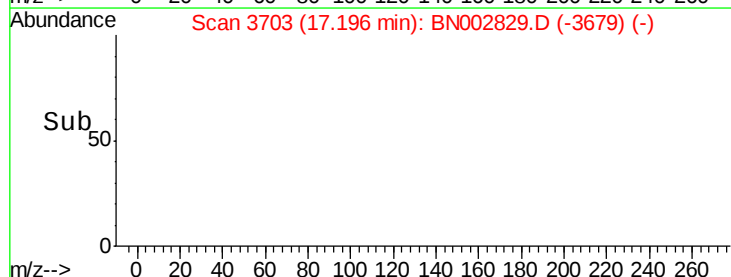
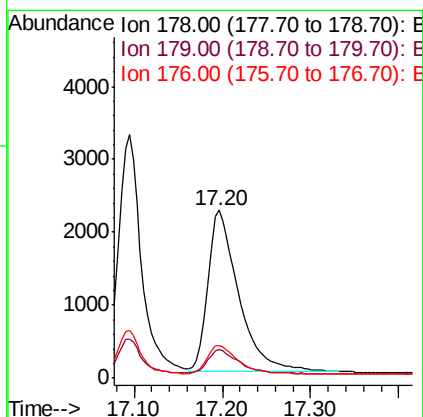
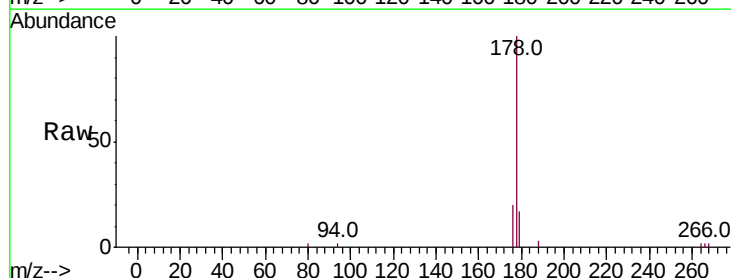
Tgt Ion:178 Resp: 5320

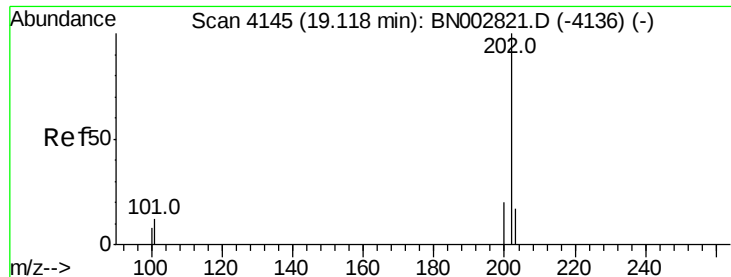
Ion Ratio Lower Upper

178 100

179 17.3 18.1 27.1#

176 19.6 14.7 22.1

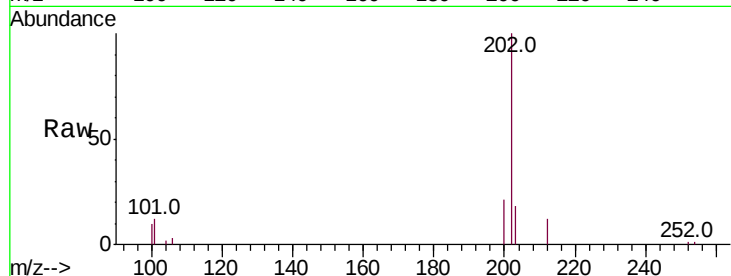




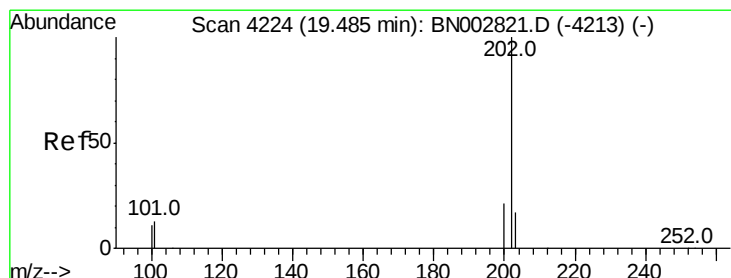
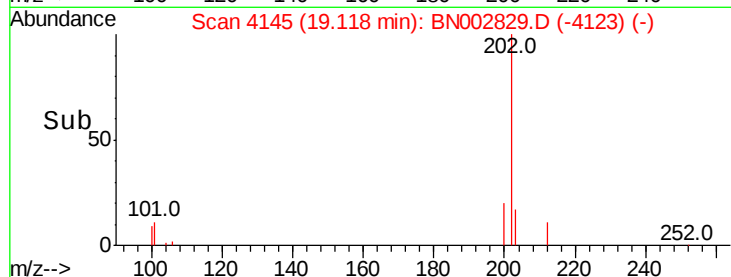
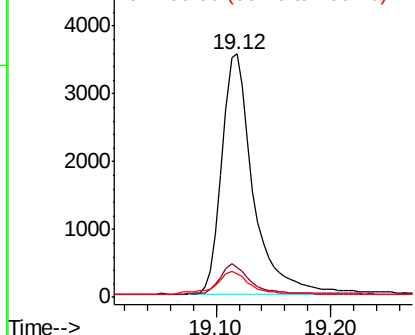
#15
Fluoranthene
 Concen: 0.426 ng/ul
 RT: 19.12 min Scan# 4145
 Delta R.T. 0.00 min
 Lab File: BN002829.D
 Acq: 21 Sep 2018 21:39

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:202 Resp: 6720
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 30.0
 100 9.8 0.0 30.0

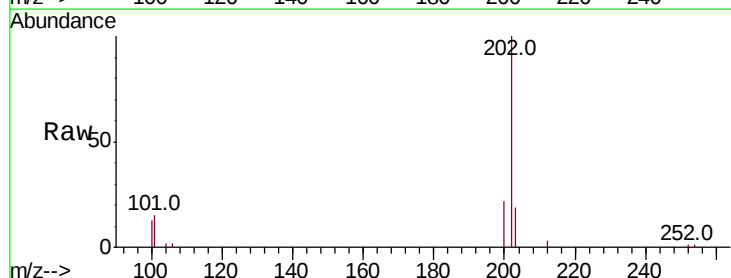


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

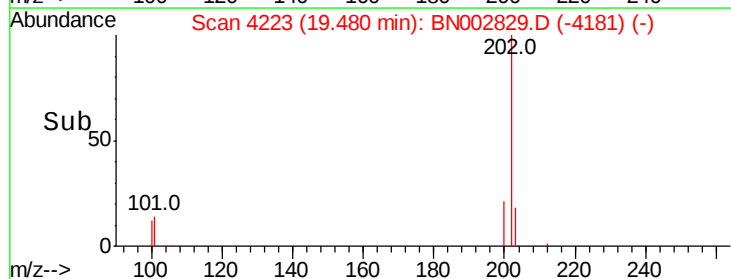
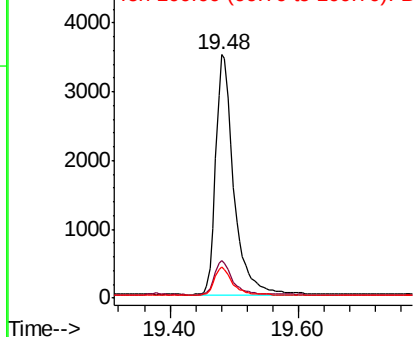


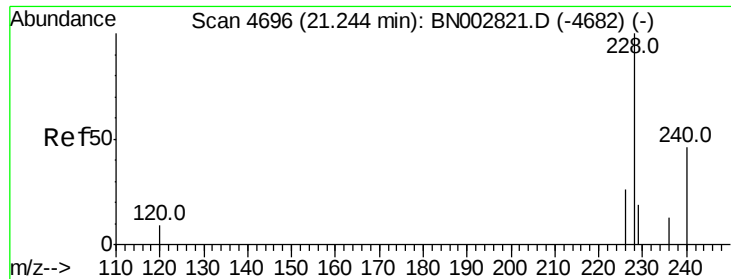
#17
Pyrene
 Concen: 0.436 ng/ul
 RT: 19.48 min Scan# 4223
 Delta R.T. -0.00 min
 Lab File: BN002829.D
 Acq: 21 Sep 2018 21:39

Tgt Ion:202 Resp: 6840
 Ion Ratio Lower Upper
 202 100
 101 15.5 12.0 18.0
 100 12.7 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: 0.435 ng/ul

RT: 21.24 min Scan# 4694

Delta R.T. -0.01 min

Lab File: BN002829.D

Acq: 21 Sep 2018 21:39

Instrument :

BNA_N

ClientSampleId :

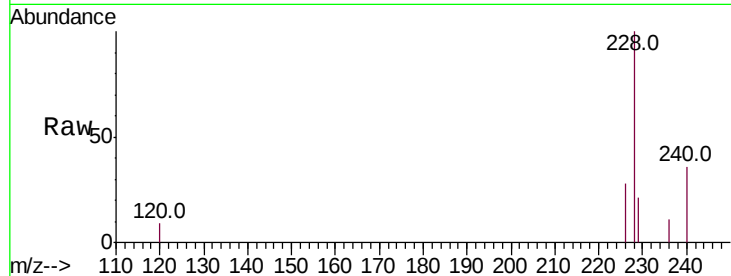
Tot Ion:228 Resp: 5790

Ion Ratio Lower Upper

228 100

229 21.2 22.8 34.2#

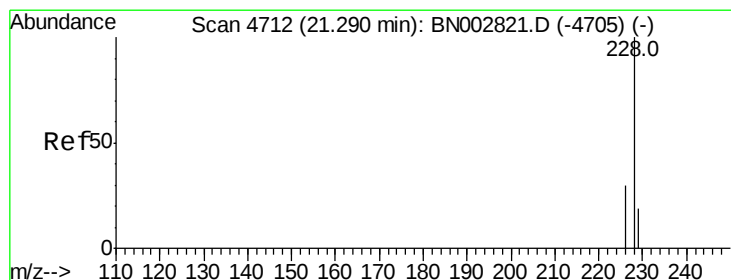
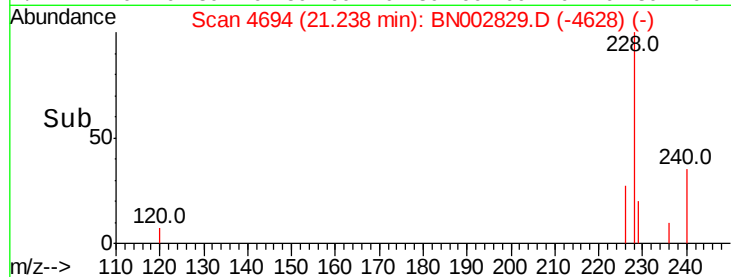
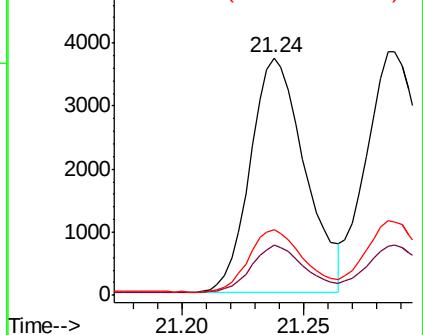
226 27.6 17.0 25.6#



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: 0.429 ng/ul

RT: 21.29 min Scan# 4711

Delta R.T. -0.00 min

Lab File: BN002829.D

Acq: 21 Sep 2018 21:39

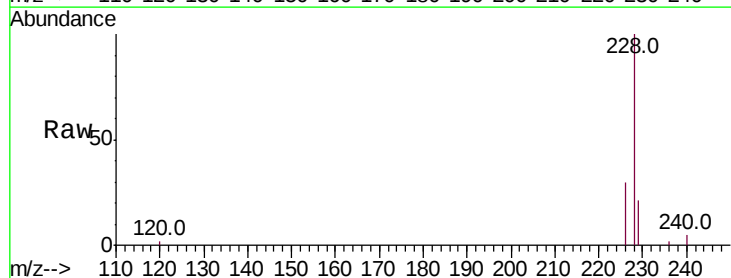
Tgt Ion:228 Resp: 6649

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.0

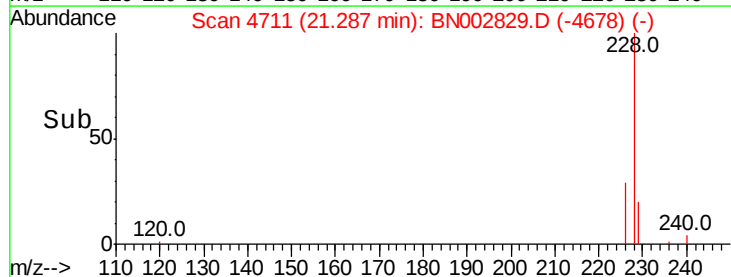
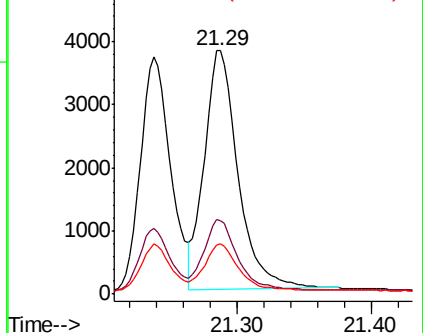
229 20.9 17.7 26.5

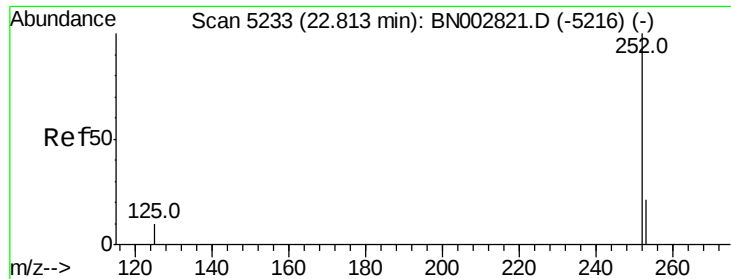


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

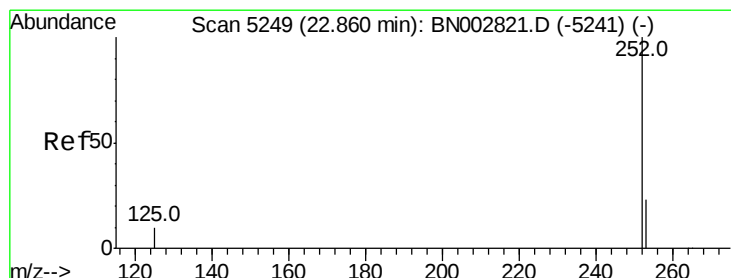
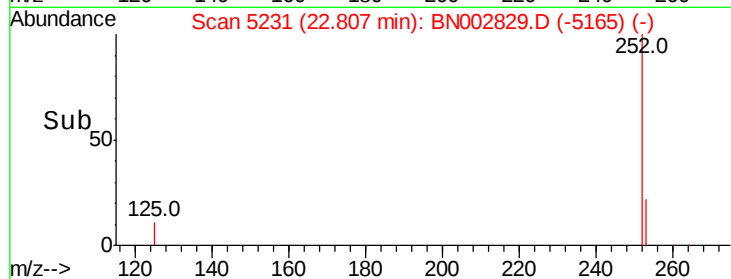
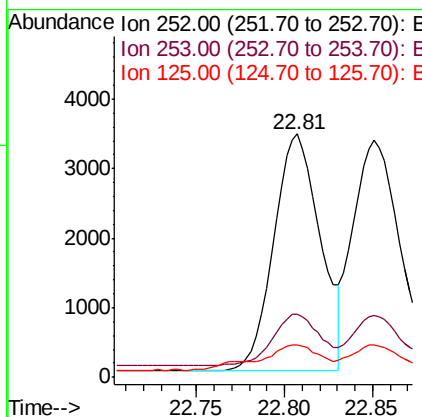
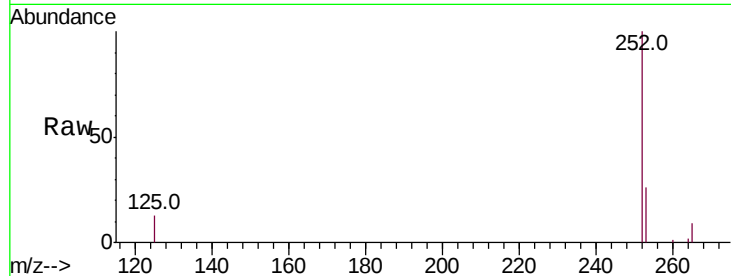




#21
Benzo(b)fluoranthene
Concen: 0.418 ng/u1
RT: 22.81 min Scan# 5231
Delta R.T. -0.01 min
Lab File: BN002829.D
Acq: 21 Sep 2018 21:39

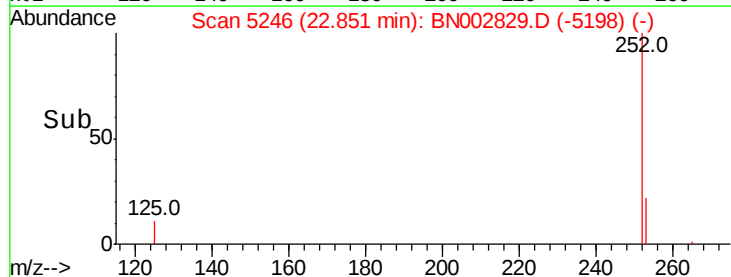
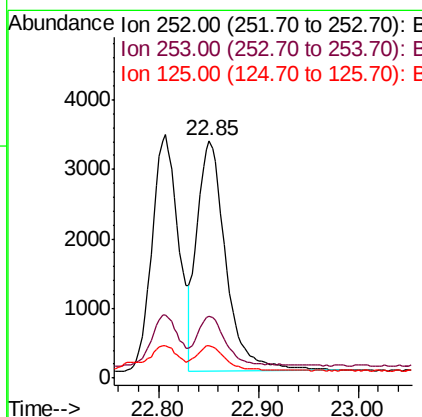
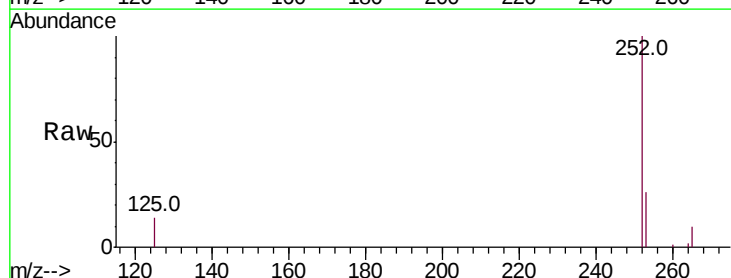
Instrument :
BNA_N
ClientSampleId :

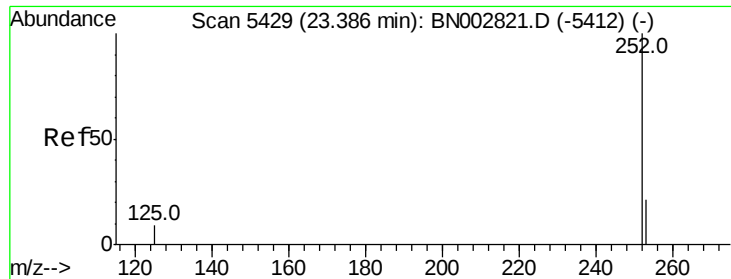
Tot Ion:252 Resp: 6288
Ion Ratio Lower Upper
252 100
253 25.9 0.0 64.2
125 13.5 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.418 ng/u1
RT: 22.85 min Scan# 5246
Delta R.T. -0.01 min
Lab File: BN002829.D
Acq: 21 Sep 2018 21:39

Tgt Ion:252 Resp: 6616
Ion Ratio Lower Upper
252 100
253 26.0 24.5 36.7
125 13.9 13.7 20.5





#23

Benzo(a)pyrene

Concen: 0.426 ng/u1

RT: 23.38 min Scan# 5427

Delta R.T. -0.01 min

Lab File: BN002829.D

Acq: 21 Sep 2018 21:39

Instrument :

BNA_N

ClientSampleId :

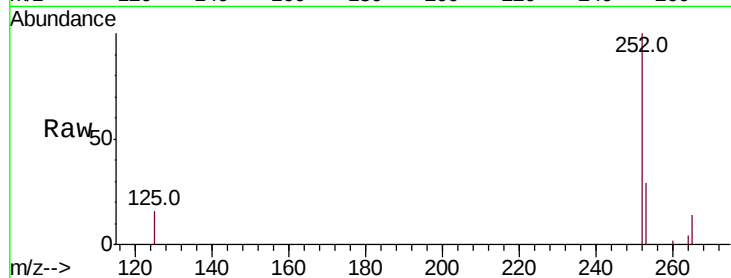
Tot Ion:252 Resp: 6137

Ion Ratio Lower Upper

252 100

253 28.5 16.0 24.0#

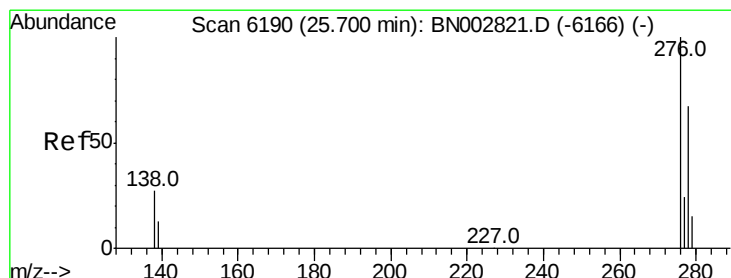
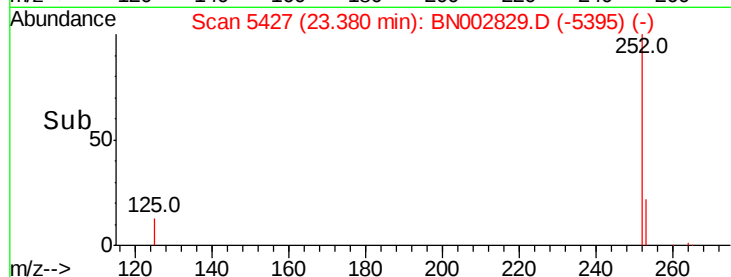
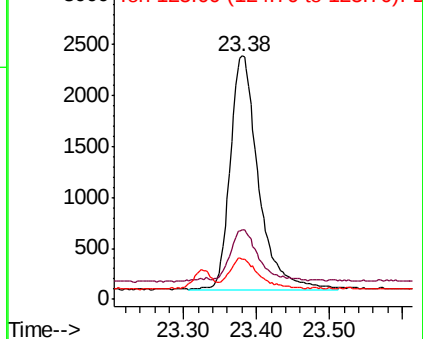
125 16.5 12.0 18.0



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: 0.402 ng/u1

RT: 25.69 min Scan# 6188

Delta R.T. -0.01 min

Lab File: BN002829.D

Acq: 21 Sep 2018 21:39

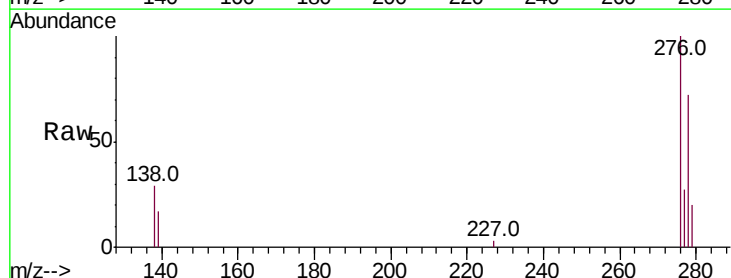
Tgt Ion:276 Resp: 6981

Ion Ratio Lower Upper

276 100

138 28.7 28.0 42.0

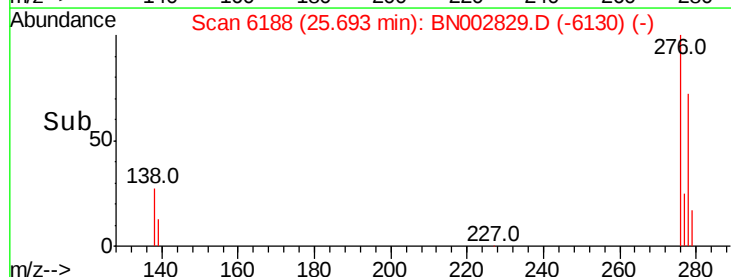
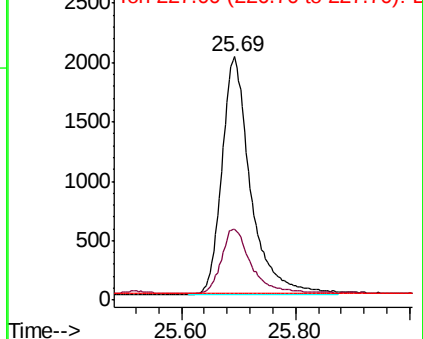
227 0.1 0.8 1.2#

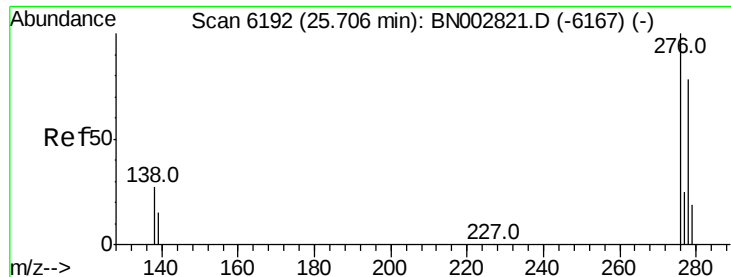


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

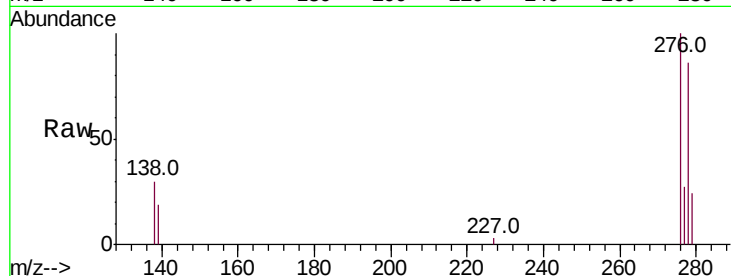




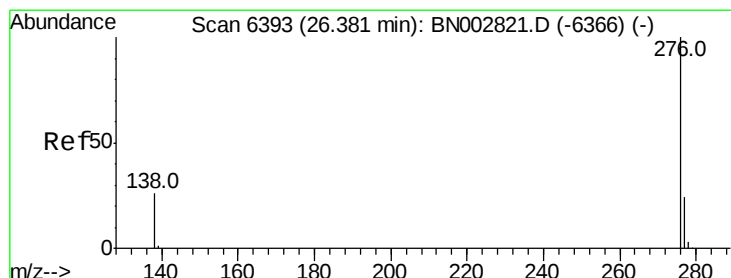
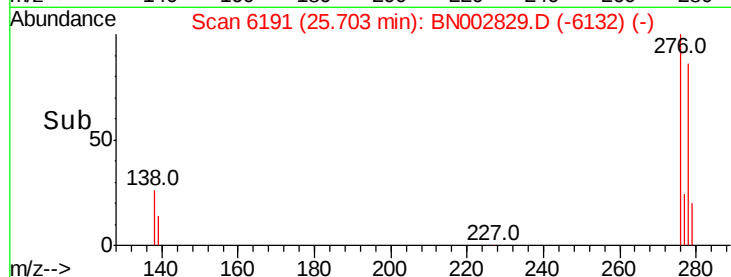
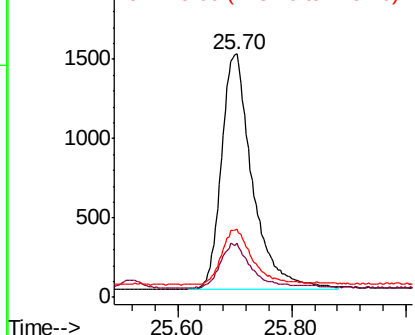
#25
Dibenzo(a,h)anthracene
Concen: 0.406 ng/ul
RT: 25.70 min Scan# 6191
Delta R.T. -0.00 min
Lab File: BN002829.D
Acq: 21 Sep 2018 21:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 5644
Ion Ratio Lower Upper
278 100
139 22.0 17.4 26.0
279 28.0 25.9 38.9

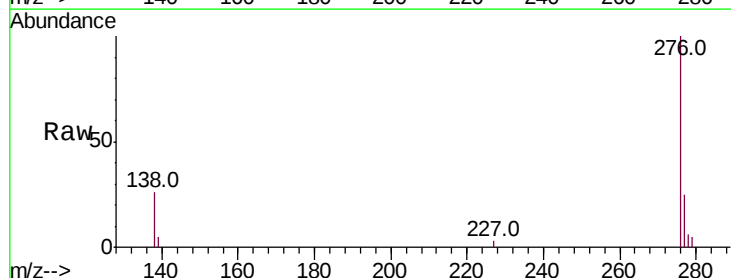


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 26.37 min Scan# 6390
Delta R.T. -0.01 min
Lab File: BN002829.D
Acq: 21 Sep 2018 21:39

Tgt Ion:276 Resp: 6011
Ion Ratio Lower Upper
276 100
138 26.4 21.8 32.8
277 25.2 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

