

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061019\
 Data File : BN006221.D
 Acq On : 10 Jun 2019 14:15
 Operator : JU/SJ
 Sample : K3016-15DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 11 00:18:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

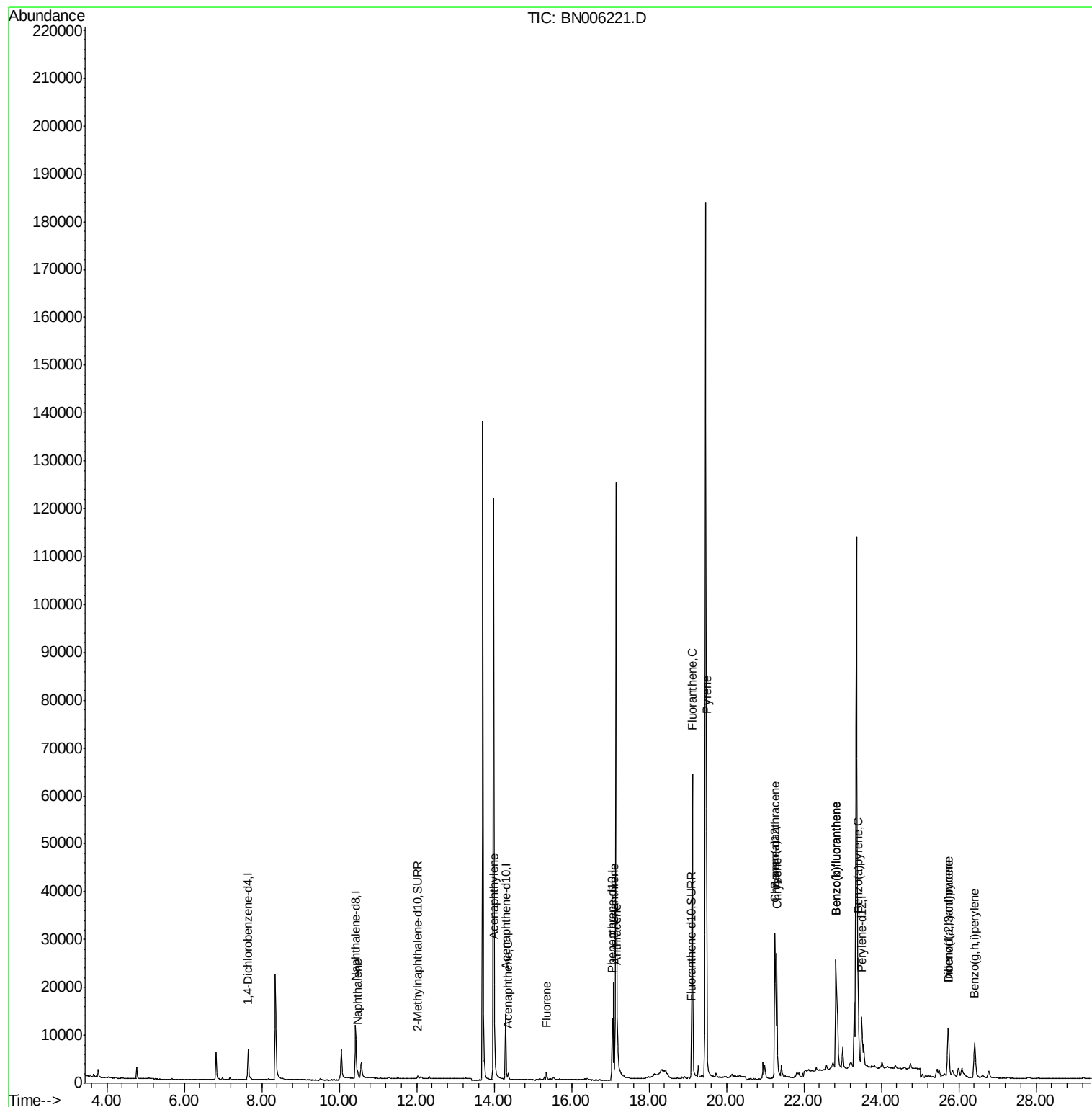
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4184	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15497	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	7736	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15807	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	12570	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	16440	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	972	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	1952	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	2125	0.050	ng/ul#	87
7) Acenaphthylene	14.01	152	4730	0.110	ng/ul	97
8) Acenaphthene	14.36	153	735	0.025	ng/ul	95
9) Fluorene	15.35	166	1165	0.033	ng/ul#	93
12) Phenanthrene	17.09	178	22695	0.447	ng/ul	100
13) Anthracene	17.18	178	7198	0.149	ng/ul	96
15) Fluoranthene	19.12	202	56706	1.012	ng/ul	96
17) Pyrene	19.49	202	53772	0.812	ng/ul	99
18) Benzo(a)anthracene	21.25	228	28295	0.509	ng/ul	99
19) Chrysene	21.30	228	26633	0.510	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	52669	0.768	ng/ul	98
22) Benzo(k)fluoranthene	22.83	252	52669	0.789	ng/ul	98
23) Benzo(a)pyrene	23.40	252	25848	0.405	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.72	276	17766	0.257	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.74	278	4246	0.077	ng/ul#	83
26) Benzo(a,h,i)perylene	26.41	276	15253	0.264	ng/ul	98

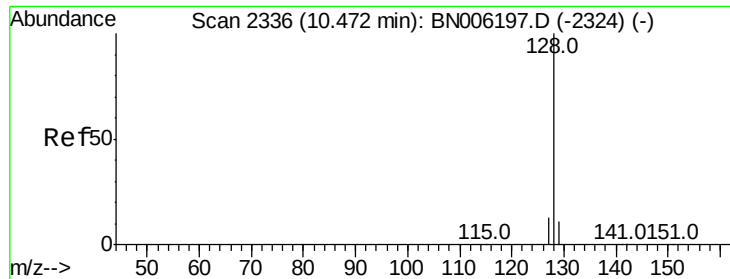
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.050 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006221.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_N

ClientSampleId :

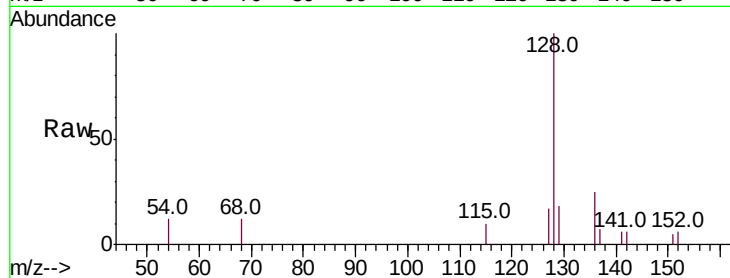
Tot Ion:128 Resp: 2125

Ion Ratio Lower Upper

128 100

129 17.8 9.3 13.9#

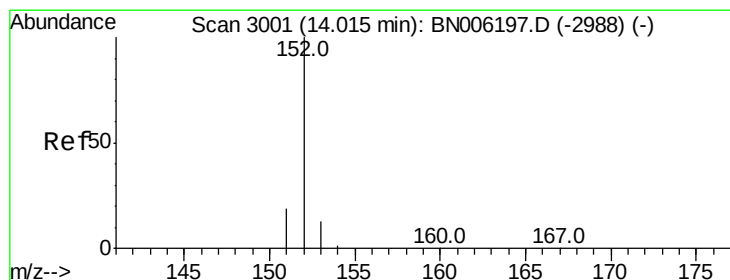
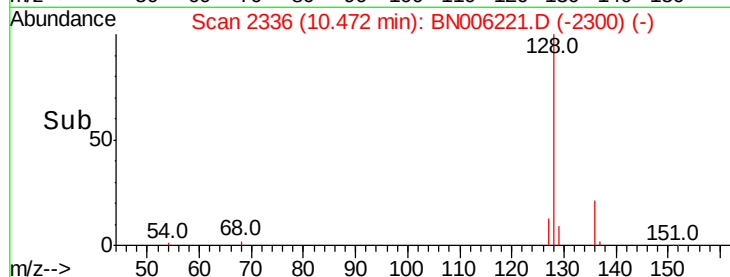
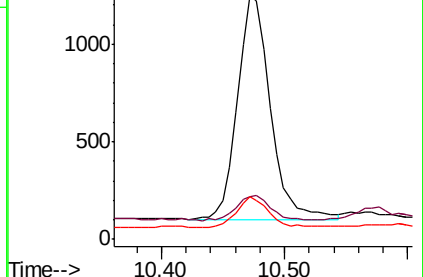
127 17.4 10.7 16.1#



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



#7

Acenaphthylene

Concen: 0.110 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006221.D

Acq: 10 Jun 2019 14:15

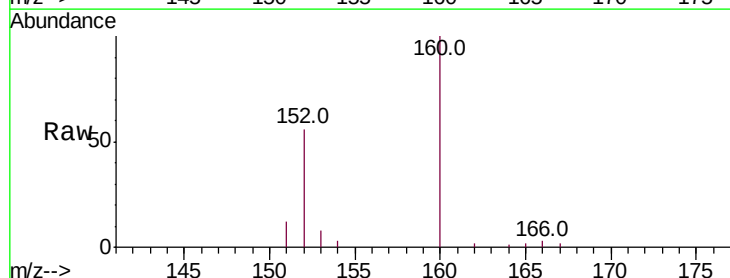
Tgt Ion:152 Resp: 4730

Ion Ratio Lower Upper

152 100

151 21.1 15.8 23.8

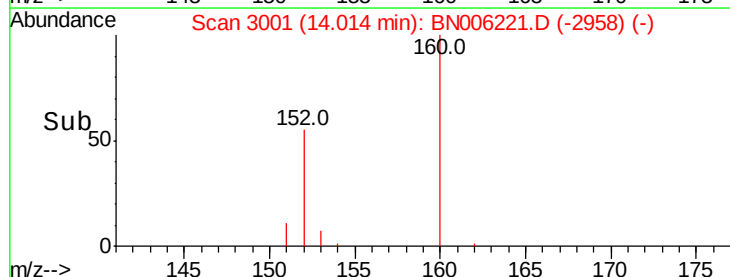
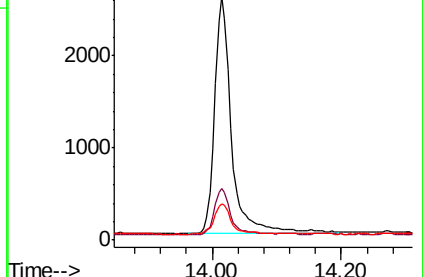
153 15.0 10.8 16.2

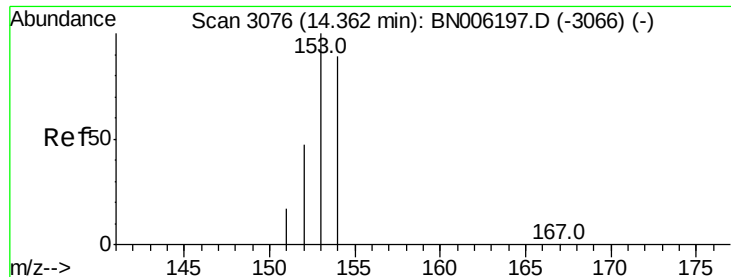


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.025 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN006221.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_N

ClientSampleId :

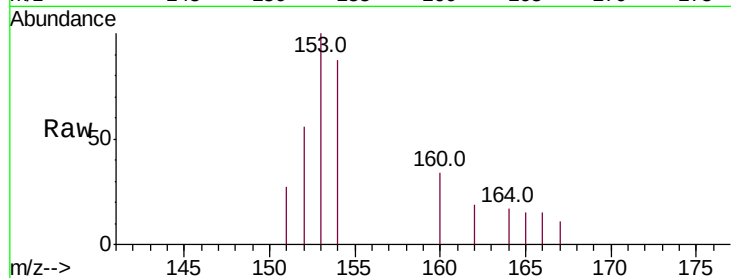
Tot Ion:153 Resp: 735

Ion Ratio Lower Upper

153 100

152 55.6 39.1 58.7

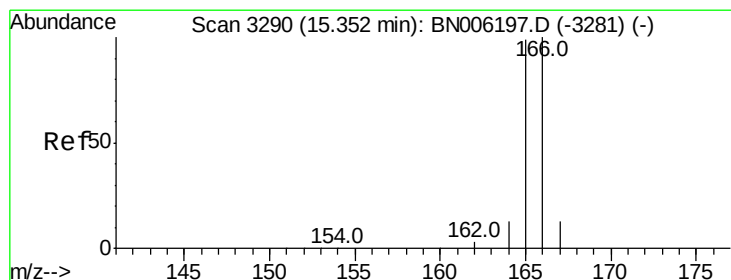
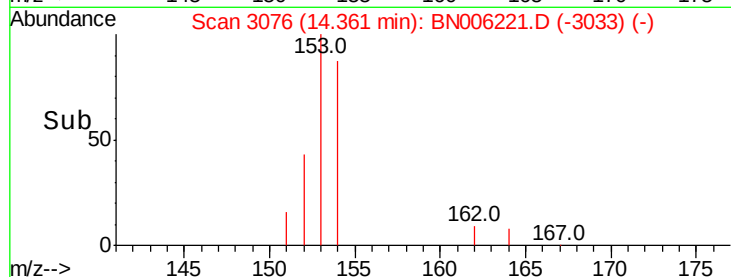
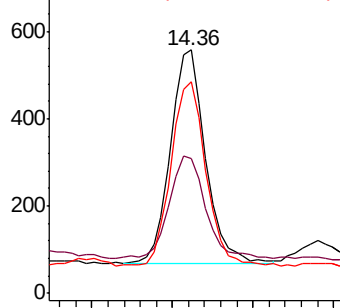
154 87.1 71.1 106.7



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: 0.033 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006221.D

Acq: 10 Jun 2019 14:15

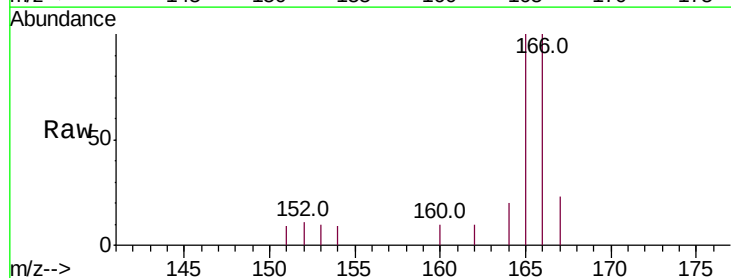
Tgt Ion:166 Resp: 1165

Ion Ratio Lower Upper

166 100

165 100.1 76.4 114.6

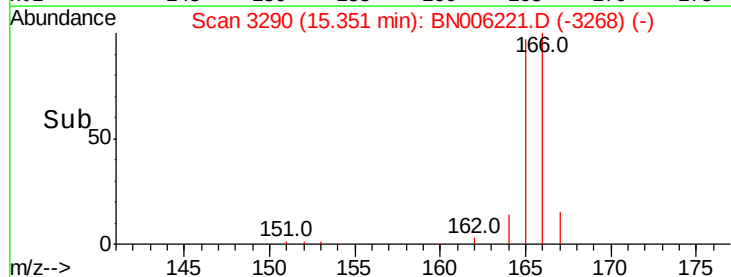
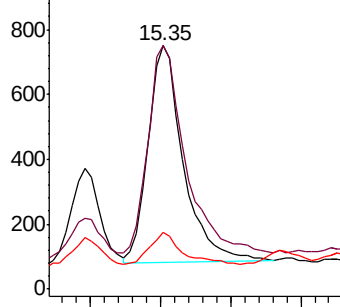
167 23.1 11.0 16.6#

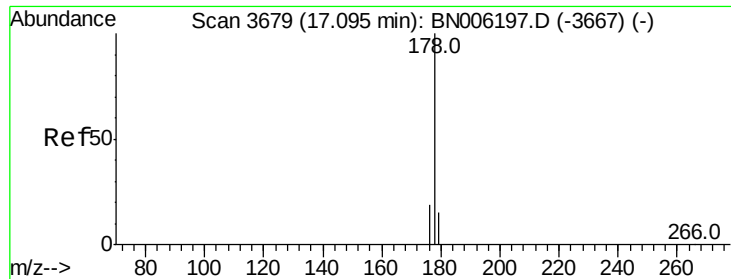


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.447 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006221.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_N

ClientSampleId :

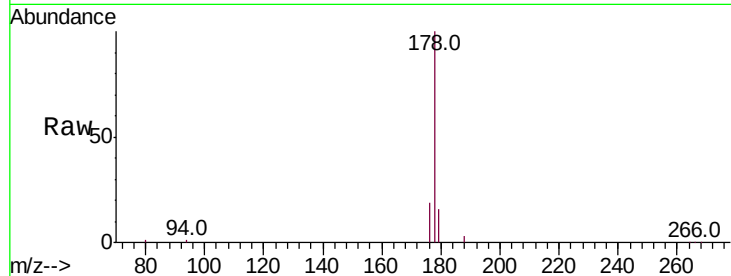
Tot Ion:178 Resp: 22695

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

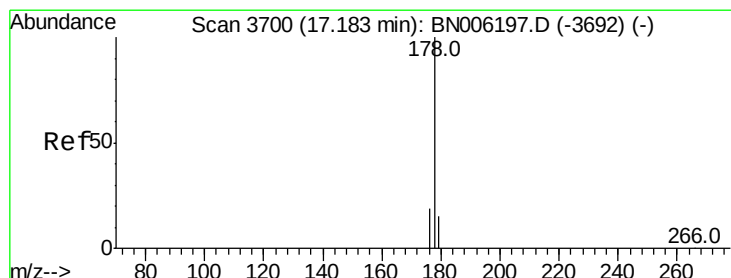
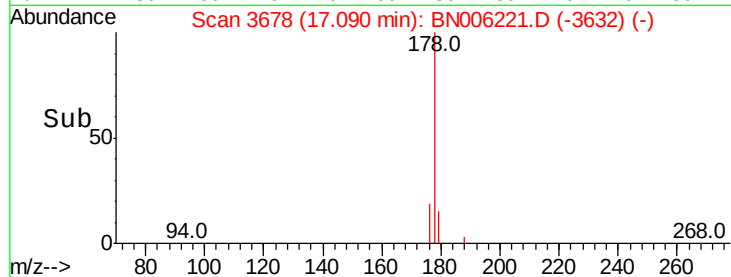
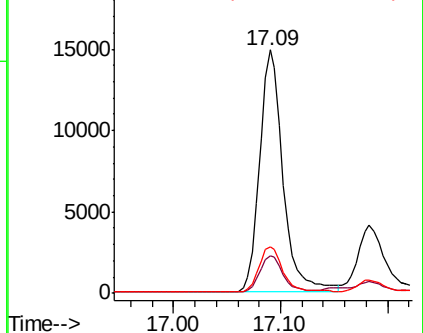
176 19.3 15.3 22.9



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: 0.149 ng/ul

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006221.D

Acq: 10 Jun 2019 14:15

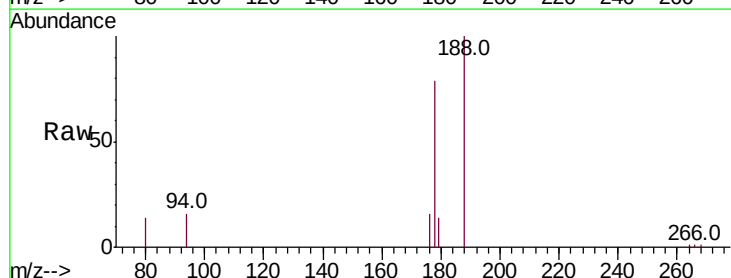
Tgt Ion:178 Resp: 7198

Ion Ratio Lower Upper

178 100

179 18.0 12.2 18.4

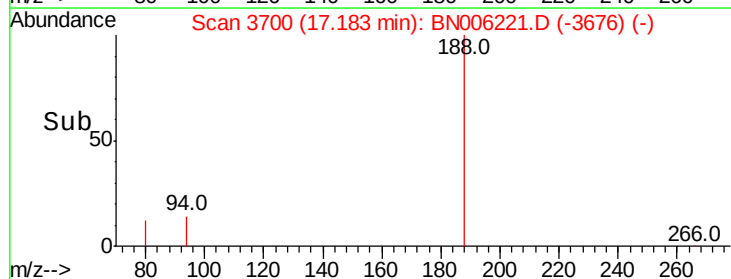
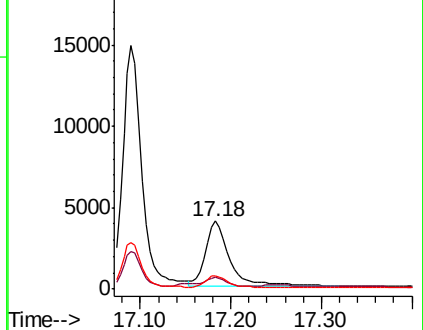
176 20.1 15.1 22.7

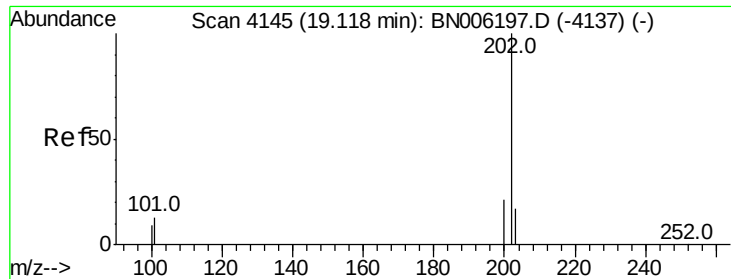


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

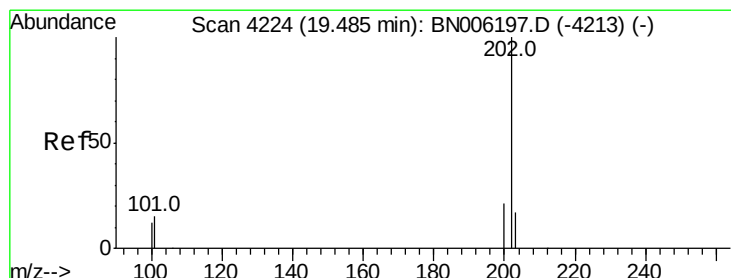
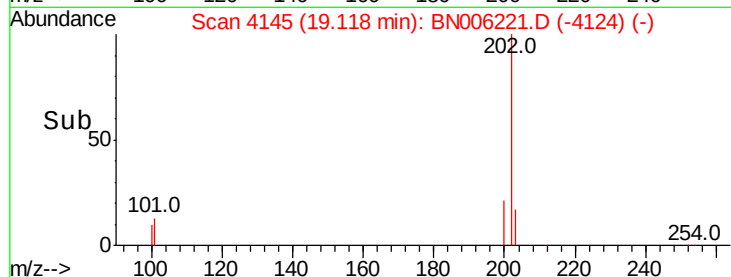
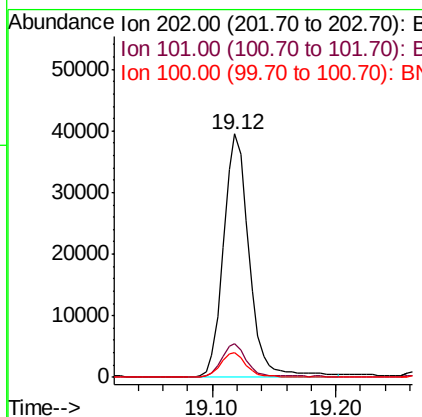
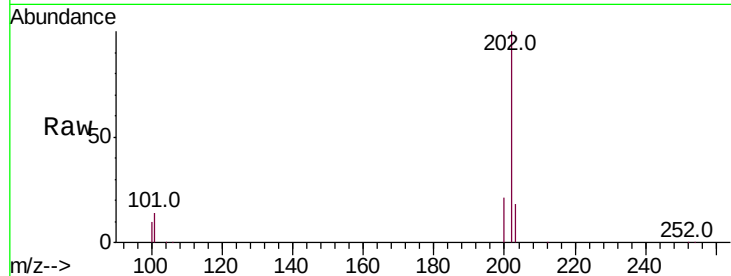




#15
Fluoranthene
Concen: 1.012 ng/ul
RT: 19.12 min Scan# 4145
Delta R.T. -0.00 min
Lab File: BN006221.D
Acq: 10 Jun 2019 14:15

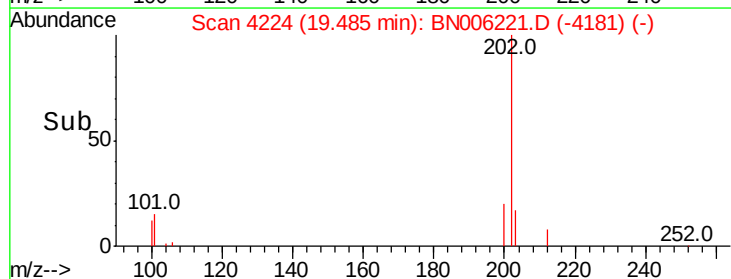
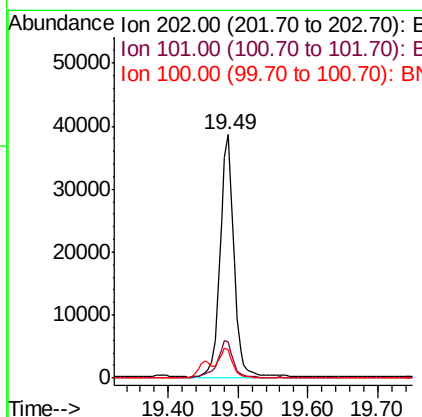
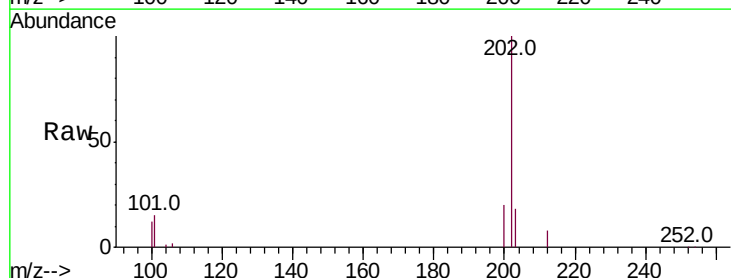
Instrument :
BNA_N
ClientSampleId :

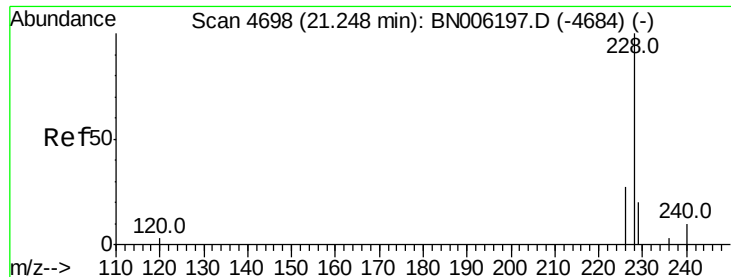
Tot Ion:202 Resp: 56706
Ion Ratio Lower Upper
202 100
101 13.6 0.0 32.1
100 10.0 0.0 28.7



#17
Pyrene
Concen: 0.812 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006221.D
Acq: 10 Jun 2019 14:15

Tgt Ion:202 Resp: 53772
Ion Ratio Lower Upper
202 100
101 14.7 12.2 18.2
100 11.6 9.8 14.6

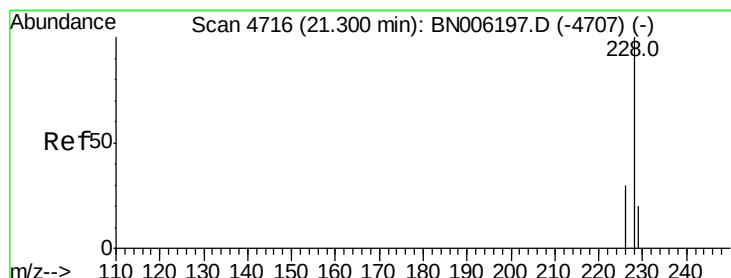
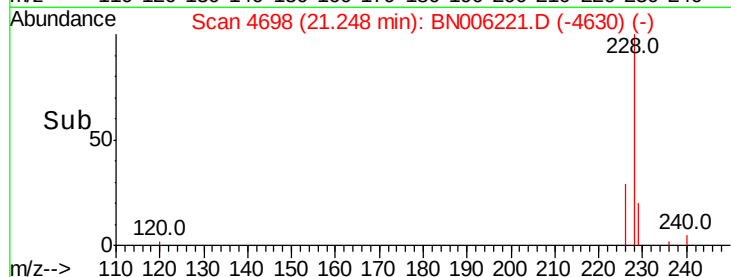
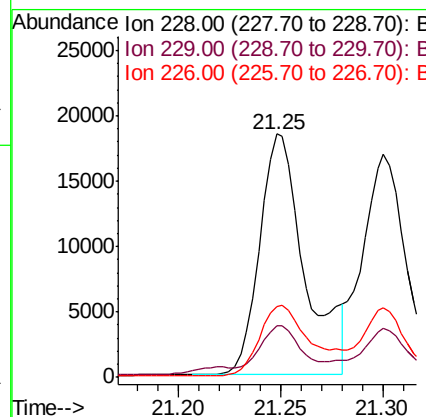
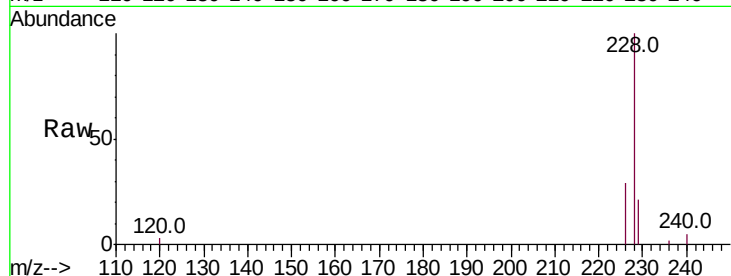




#18
Benzo(a)anthracene
Concen: 0.509 ng/ul
RT: 21.25 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BN006221.D
Acq: 10 Jun 2019 14:15

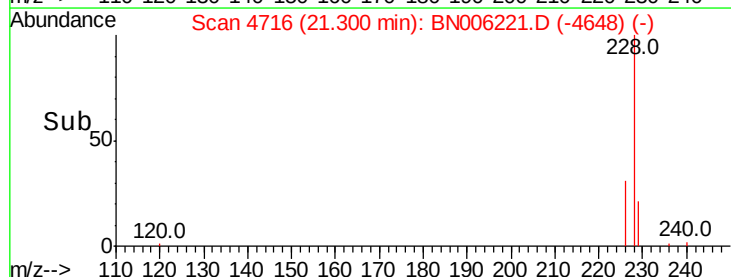
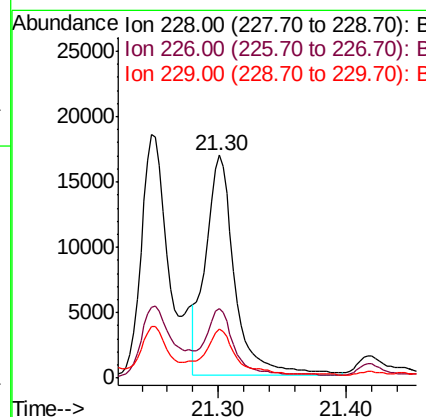
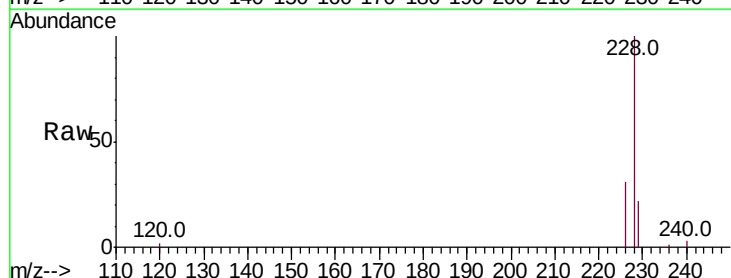
Instrument :
BNA_N
ClientSampleId :

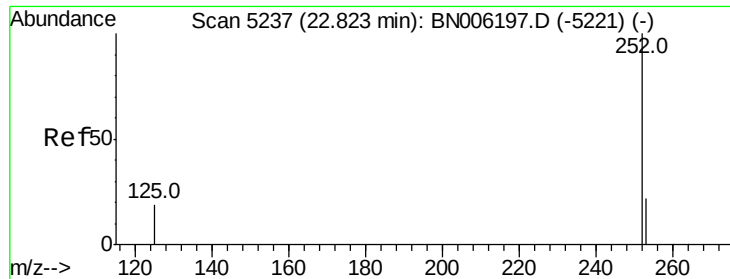
Tot Ion:228 Resp: 28295
Ion Ratio Lower Upper
228 100
229 21.0 16.5 24.7
226 29.3 22.8 34.2



#19
Chrysene
Concen: 0.510 ng/ul
RT: 21.30 min Scan# 4716
Delta R.T. -0.00 min
Lab File: BN006221.D
Acq: 10 Jun 2019 14:15

Tgt Ion:228 Resp: 26633
Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.6
229 21.8 16.3 24.5





#21

Benzo(b)fluoranthene

Concen: 0.768 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. 0.01 min

Lab File: BN006221.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_N

ClientSampleId :

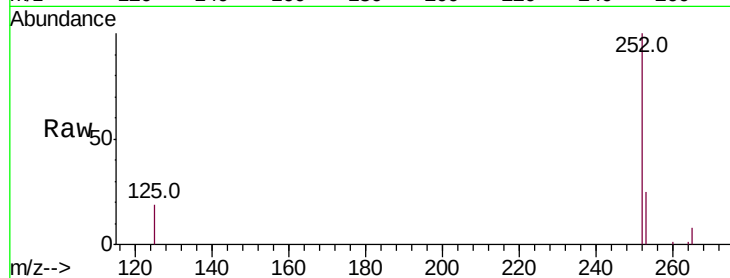
Tot Ion:252 Resp: 52669

Ion Ratio Lower Upper

252 100

253 24.8 0.0 51.4

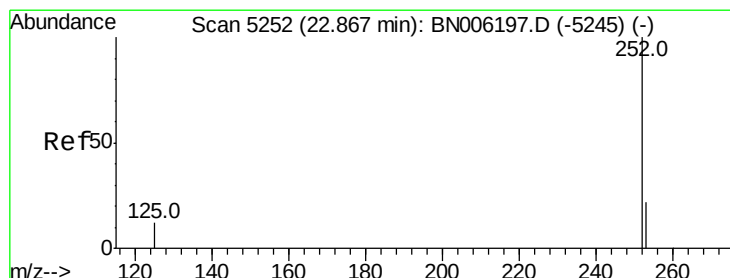
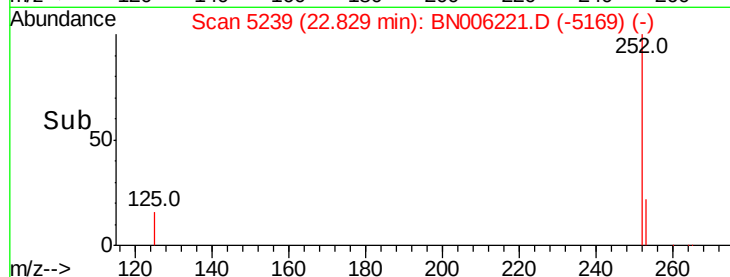
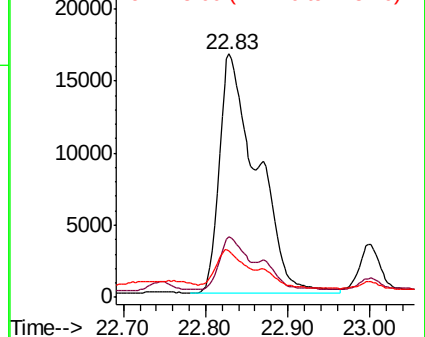
125 19.0 0.0 41.0



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: 0.789 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. -0.04 min

Lab File: BN006221.D

Acq: 10 Jun 2019 14:15

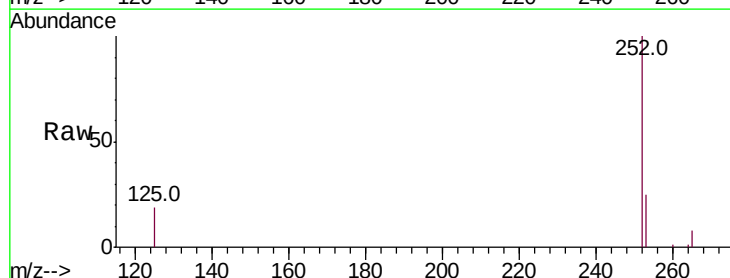
Tgt Ion:252 Resp: 52669

Ion Ratio Lower Upper

252 100

253 24.8 20.3 30.5

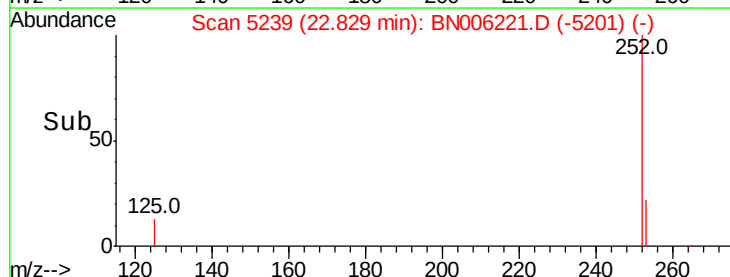
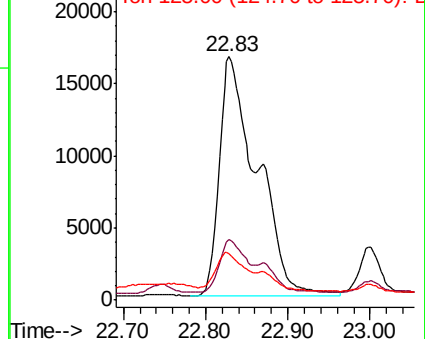
125 19.0 14.3 21.5

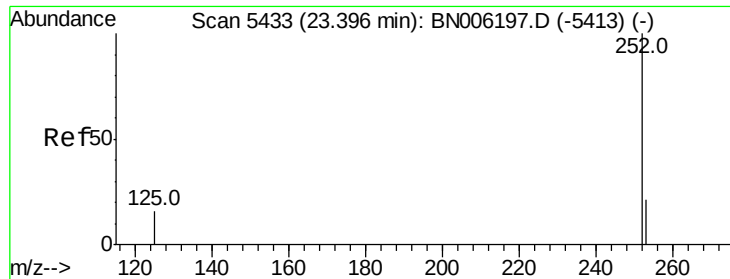


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.405 ng/ul

RT: 23.40 min Scan# 5434

Delta R.T. 0.00 min

Lab File: BN006221.D

Acq: 10 Jun 2019 14:15

Instrument :

BNA_N

ClientSampleId :

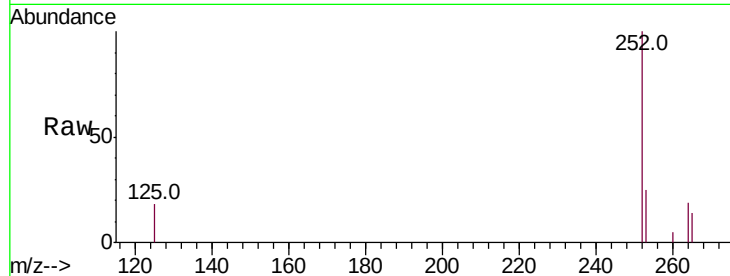
Tot Ion:252 Resp: 25848

Ion Ratio Lower Upper

252 100

253 25.1 21.1 31.7

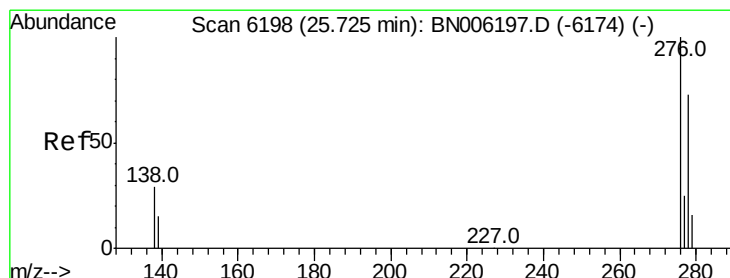
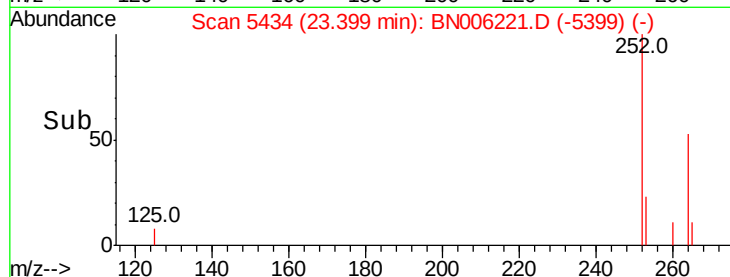
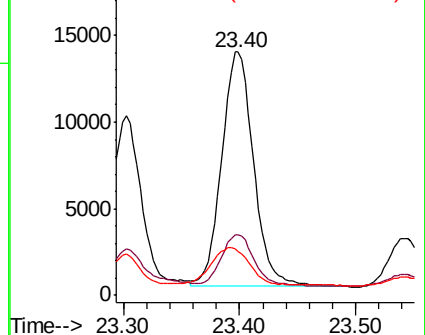
125 18.2 20.3 30.5#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.257 ng/ul

RT: 25.72 min Scan# 6198

Delta R.T. -0.00 min

Lab File: BN006221.D

Acq: 10 Jun 2019 14:15

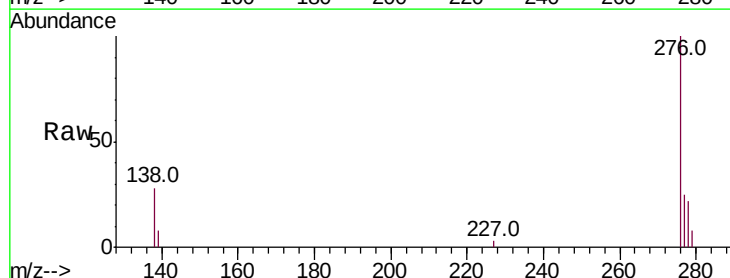
Tgt Ion:276 Resp: 17766

Ion Ratio Lower Upper

276 100

138 24.7 25.6 38.4#

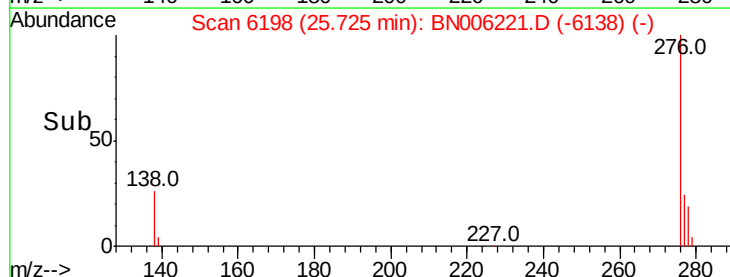
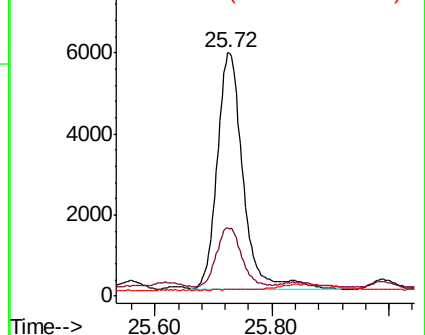
227 0.0 0.3 0.5#

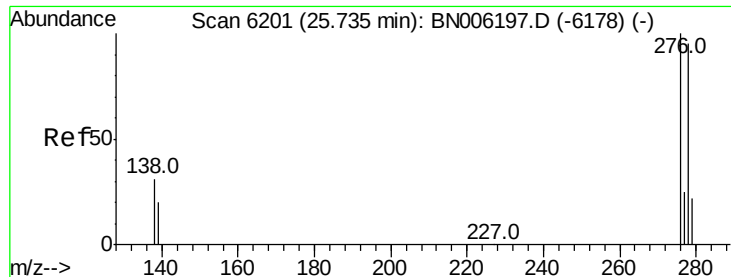


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

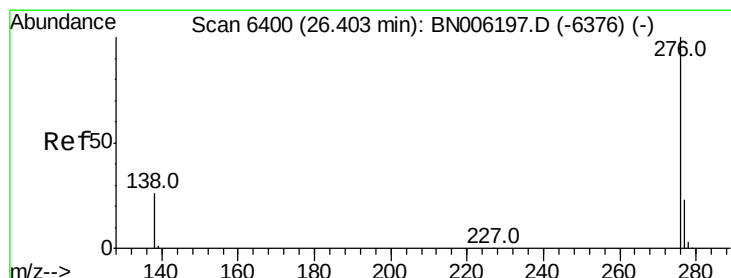
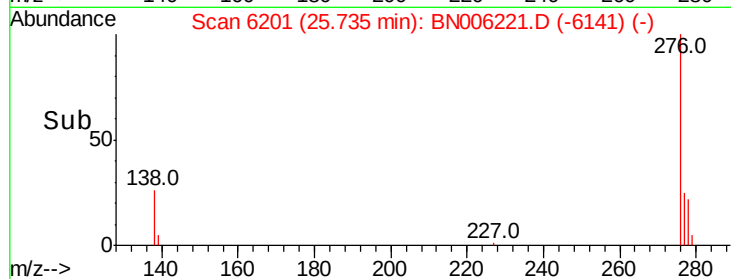
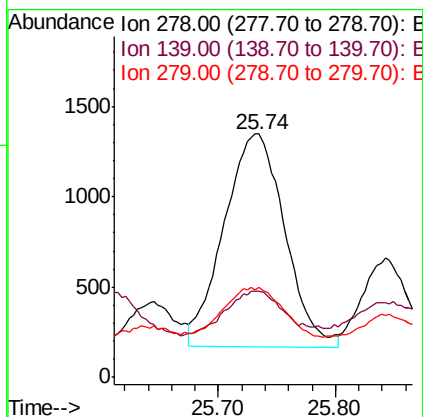
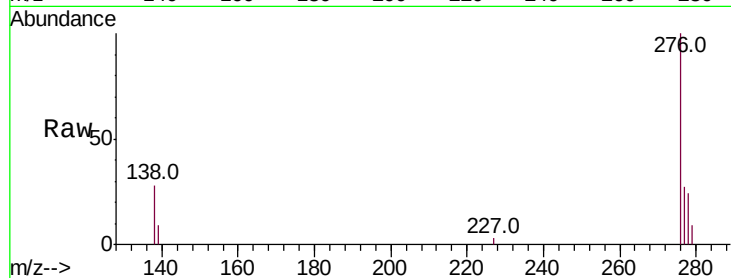




#25
Dibenzo(a,h)anthracene
Concen: 0.077 ng/ul
RT: 25.74 min Scan# 6201
Delta R.T. -0.00 min
Lab File: BN006221.D
Acq: 10 Jun 2019 14:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 4246
Ion Ratio Lower Upper
278 100
139 35.5 21.2 31.8#
279 37.2 22.6 33.8#



#26
Benzo(g,h,i)perylene
Concen: 0.264 ng/ul
RT: 26.41 min Scan# 6403
Delta R.T. 0.01 min
Lab File: BN006221.D
Acq: 10 Jun 2019 14:15

Tgt Ion:276 Resp: 15253
Ion Ratio Lower Upper
276 100
138 29.8 24.2 36.4
277 25.1 21.5 32.3

