

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006342.D
 Acq On : 17 Jun 2019 11:36
 Operator : JU/SJ
 Sample : K3332-19
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41S7

Quant Time: Jun 17 12:25:44 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 : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

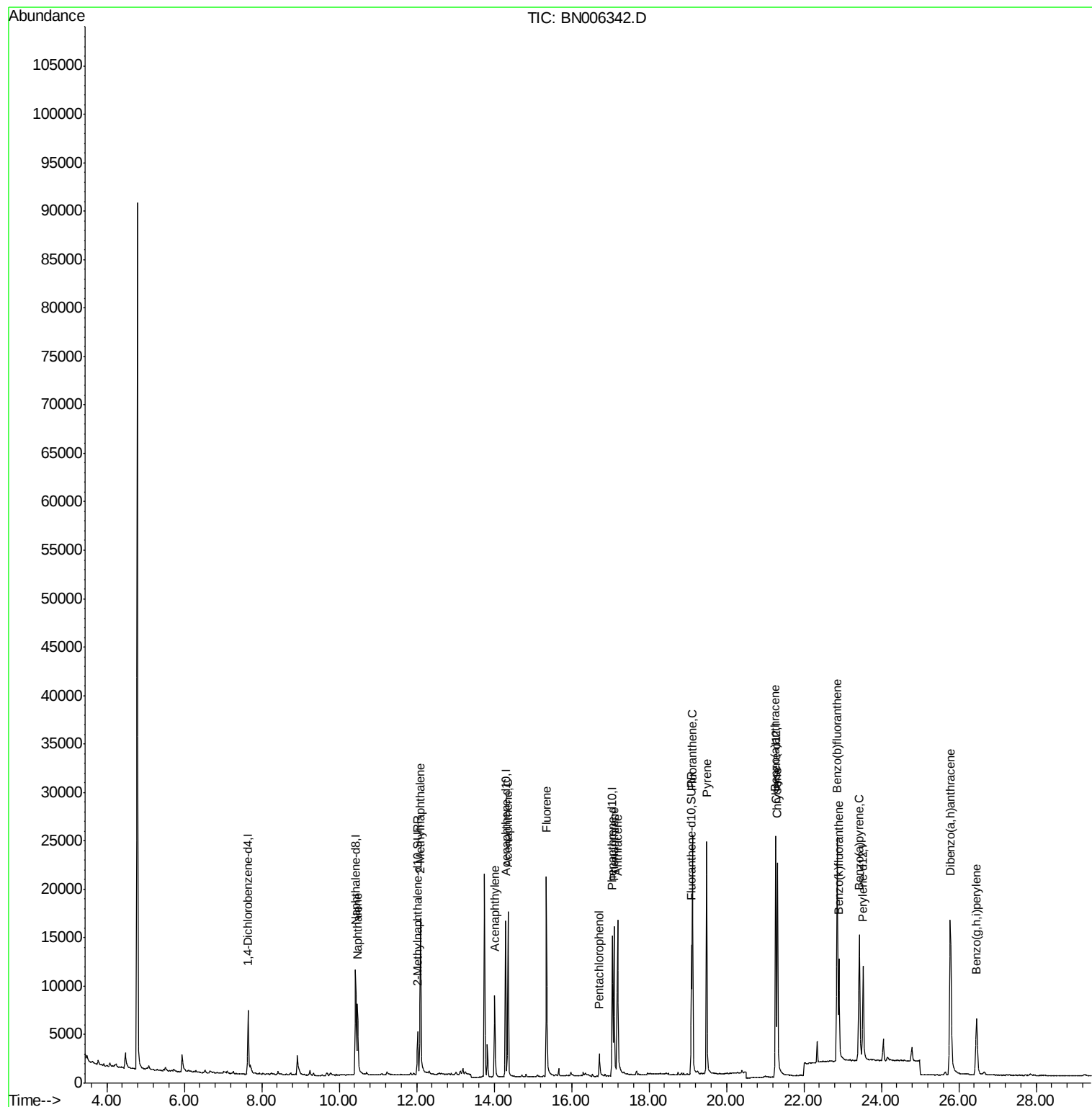
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4312	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17042	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	9151	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	17620	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	12252	0.40	ng/ul	0.01
20) Perylene-d12	23.53	264	13543	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6988	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	14879	0.31	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	10869	0.231	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	14070	0.429	ng/ul	99
7) Acenaphthylene	14.01	152	10525	0.207	ng/ul	99
8) Acenaphthene	14.36	153	10270	0.291	ng/ul	99
9) Fluorene	15.35	166	15136	0.367	ng/ul	99
11) Pentachlorophenol	16.72	266	2545	0.568	ng/ul	96
12) Phenanthrene	17.09	178	17634	0.312	ng/ul	99
13) Anthracene	17.19	178	20958	0.388	ng/ul	99
15) Fluoranthene	19.12	202	21058	0.337	ng/ul	96
17) Pyrene	19.49	202	21109	0.327	ng/ul	98
18) Benzo(a)anthracene	21.27	228	20634	0.381	ng/ul	99
19) Chrysene	21.32	228	22202	0.436	ng/ul	99
21) Benzo(b)fluoranthene	22.86	252	26723	0.473	ng/ul	95
22) Benzo(k)fluoranthene	22.90	252	14974	0.272	ng/ul	98
23) Benzo(a)pyrene	23.43	252	20067	0.382	ng/ul	95
25) Dibenzo(a,h)anthracene	25.78	278	27915	0.613	ng/ul	92
26) Benzo(a,h,i)perylene	26.46	276	12683	0.266	ng/ul	97

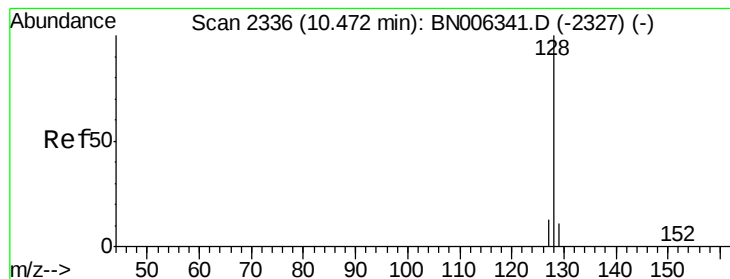
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
Data File : BN006342.D
Acq On : 17 Jun 2019 11:36
Operator : JU/SJ
Sample : K3332-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41S7

Quant Time: Jun 17 12:25:44 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 : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.231 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BN006342.D

Acq: 17 Jun 2019 11:36

Instrument :

BNA_N

ClientSampleId :

A41S7

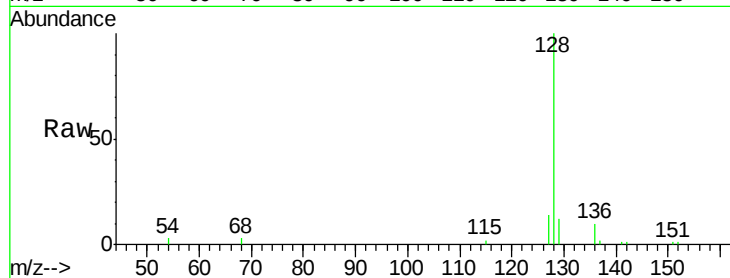
Tot Ion:128 Resp: 10869

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

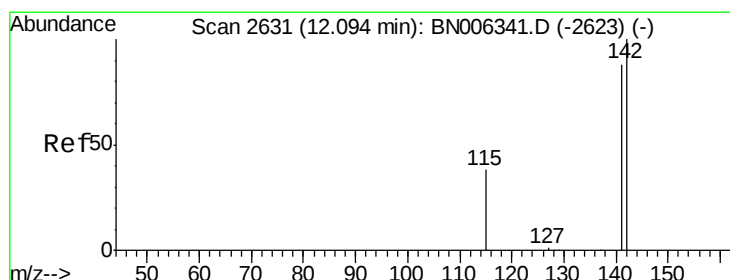
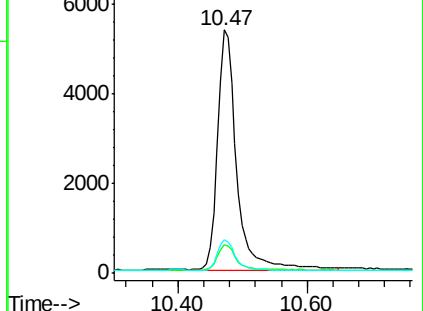
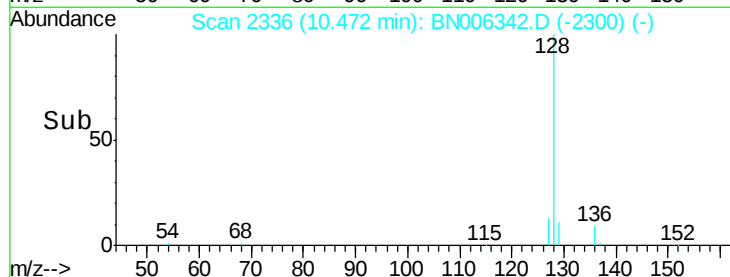
127 14.0 10.7 16.1



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



#5

2-Methylnaphthalene

Concen: 0.429 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.01 min

Lab File: BN006342.D

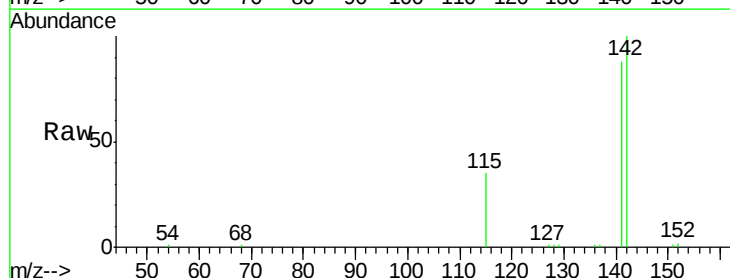
Acq: 17 Jun 2019 11:36

Tgt Ion:142 Resp: 14070

Ion Ratio Lower Upper

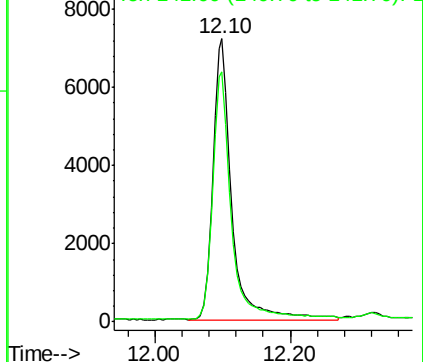
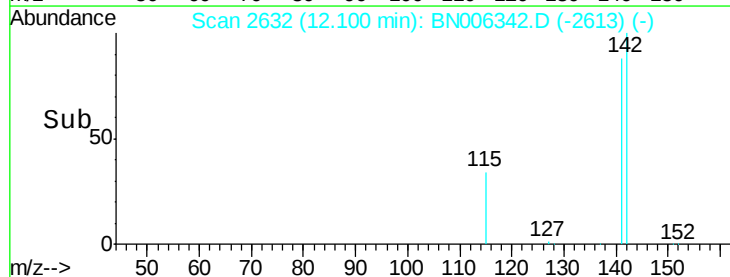
142 100

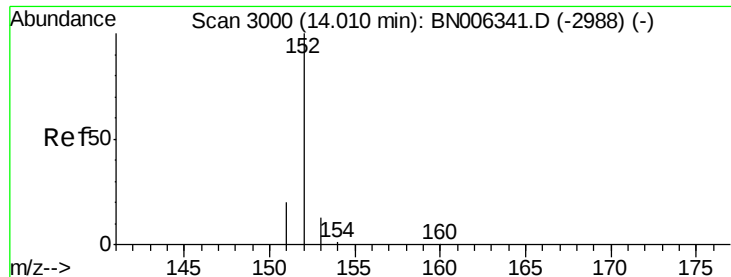
141 88.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.207 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. 0.00 min

Lab File: BN006342.D

Acq: 17 Jun 2019 11:36

Instrument :

BNA_N

ClientSampleId :

A41S7

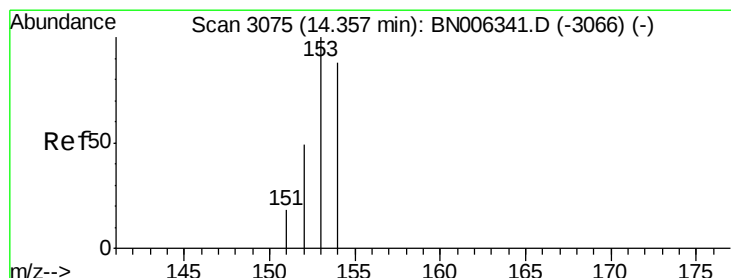
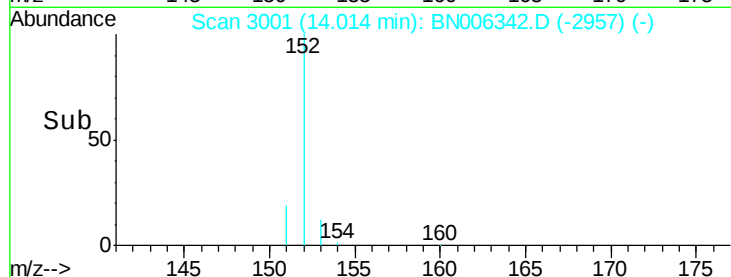
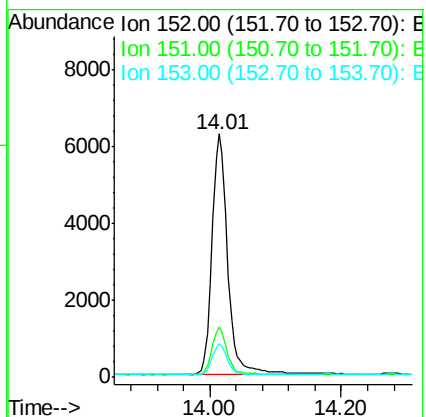
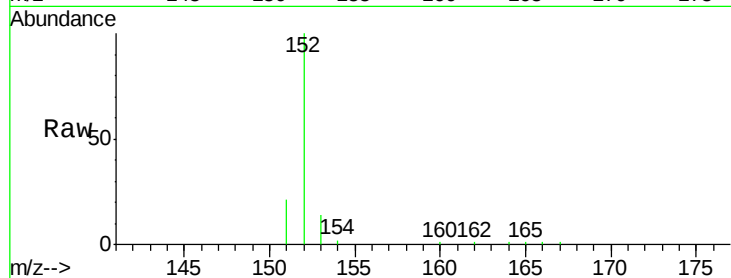
Tot Ion:152 Resp: 10525

Ion Ratio Lower Upper

152 100

151 20.6 15.8 23.8

153 13.7 10.8 16.2



#8

Acenaphthene

Concen: 0.291 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BN006342.D

Acq: 17 Jun 2019 11:36

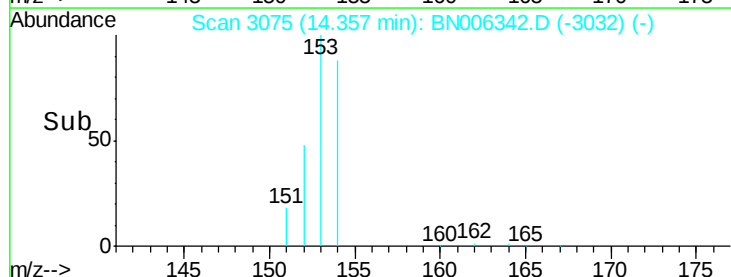
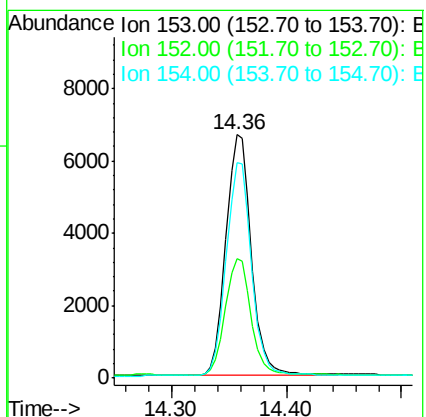
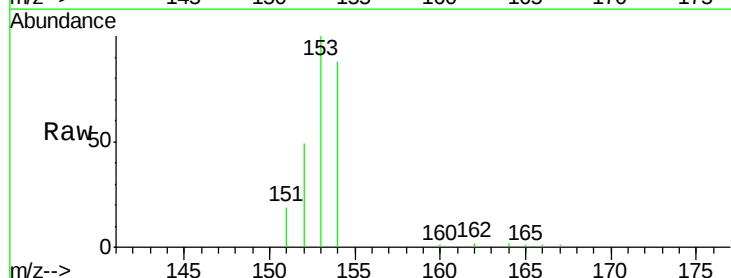
Tgt Ion:153 Resp: 10270

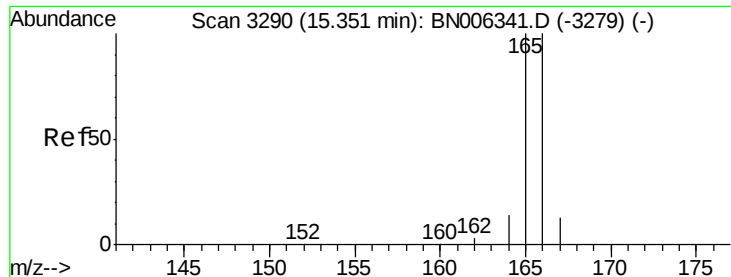
Ion Ratio Lower Upper

153 100

152 49.0 39.1 58.7

154 88.2 71.1 106.7





#9

Fluorene

Concen: 0.367 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. 0.00 min

Lab File: BN006342.D

Acq: 17 Jun 2019 11:36

Instrument :

BNA_N

ClientSampleId :

A41S7

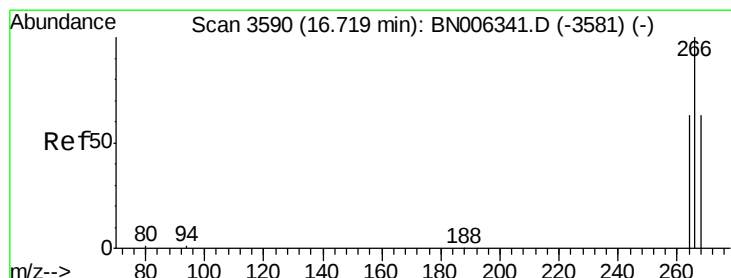
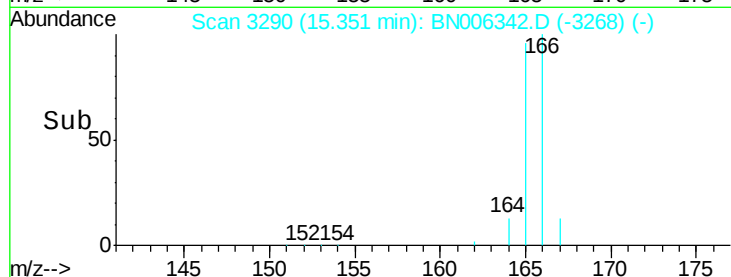
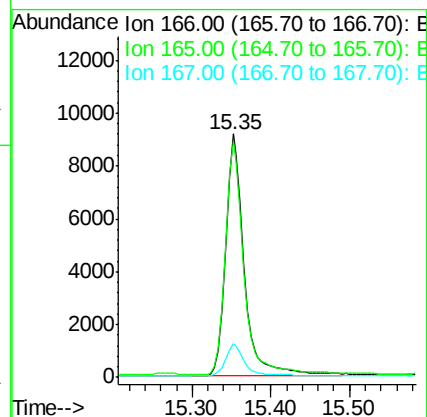
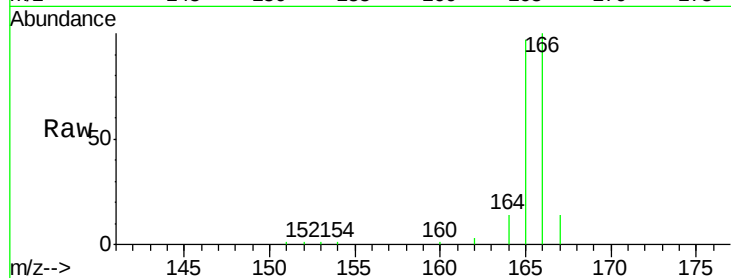
Tot Ion:166 Resp: 15136

Ion Ratio Lower Upper

166 100

165 96.9 76.4 114.6

167 13.7 11.0 16.6



#11

Pentachlorophenol

Concen: 0.568 ng/ul

RT: 16.72 min Scan# 3590

Delta R.T. 0.00 min

Lab File: BN006342.D

Acq: 17 Jun 2019 11:36

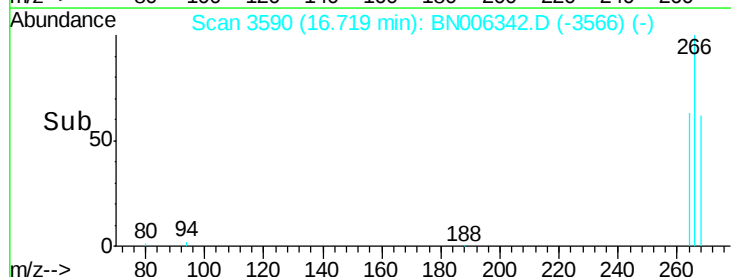
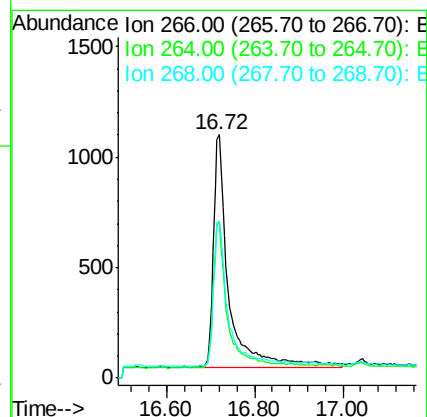
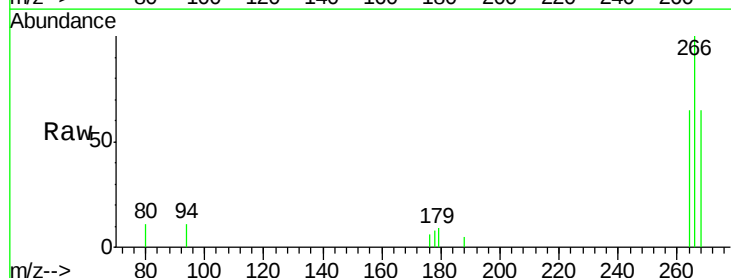
Tgt Ion:266 Resp: 2545

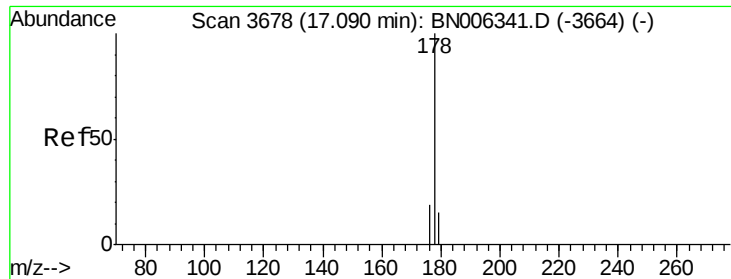
Ion Ratio Lower Upper

266 100

264 60.0 50.3 75.5

268 60.6 51.3 76.9





#12

Phenanthrene

Concen: 0.312 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BN006342.D

Acq: 17 Jun 2019 11:36

Instrument :

BNA_N

ClientSampleId :

A41S7

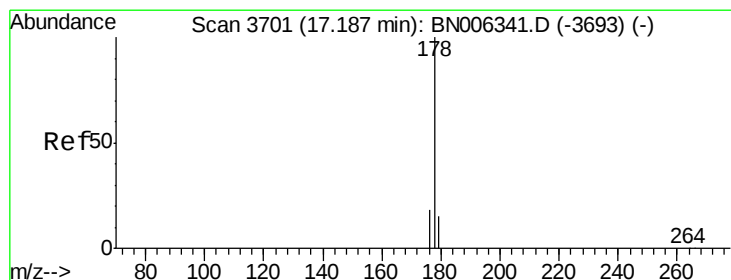
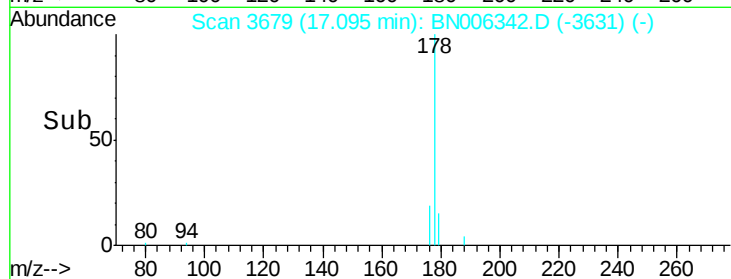
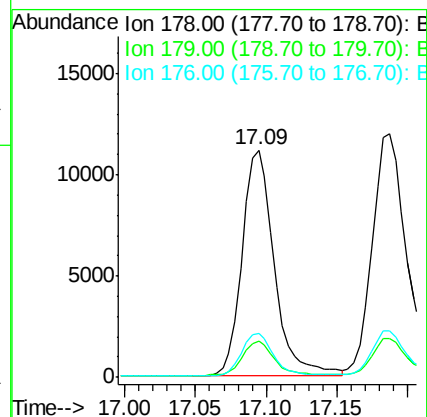
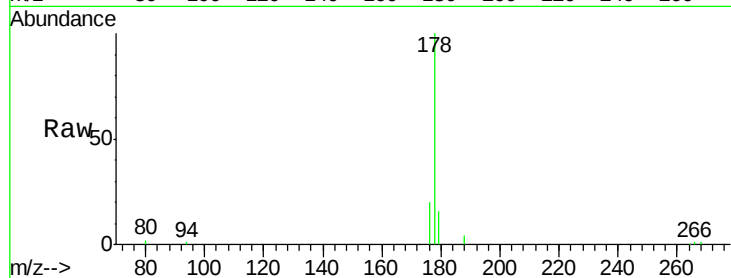
Tot Ion:178 Resp: 17634

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

176 19.5 15.3 22.9



#13

Anthracene

Concen: 0.388 ng/ul

RT: 17.19 min Scan# 3701

Delta R.T. 0.00 min

Lab File: BN006342.D

Acq: 17 Jun 2019 11:36

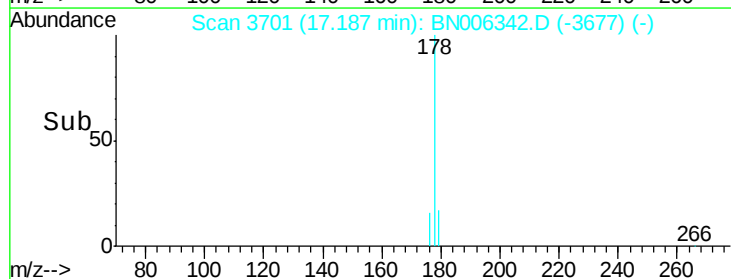
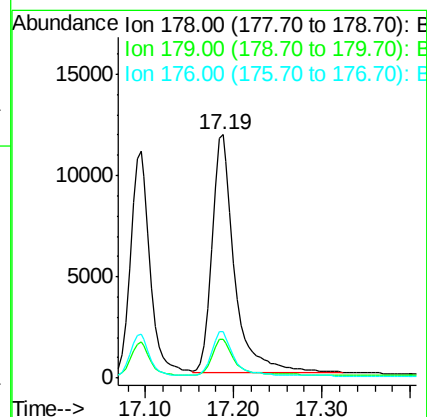
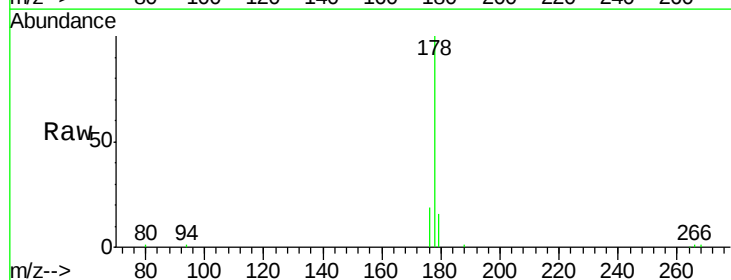
Tgt Ion:178 Resp: 20958

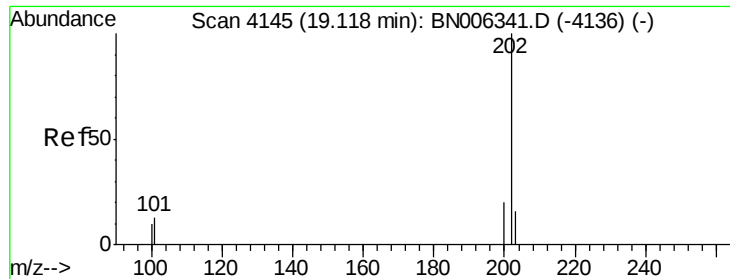
Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.4

176 19.0 15.1 22.7

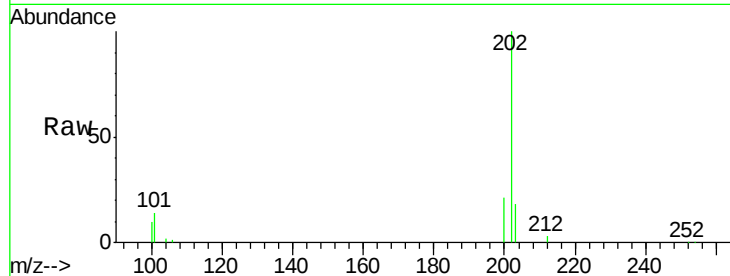




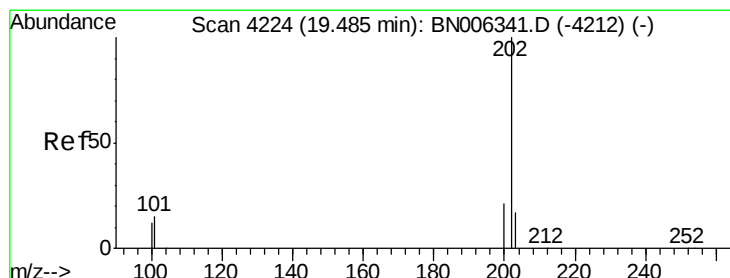
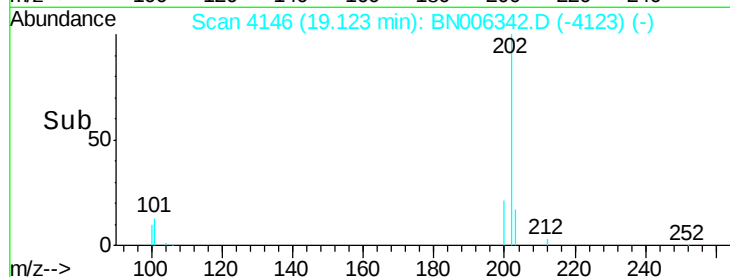
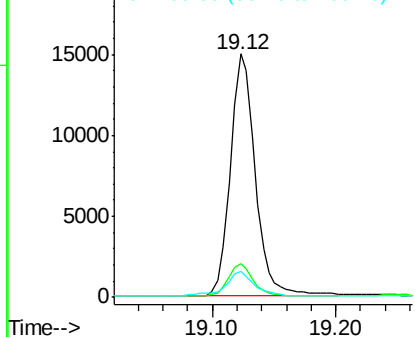
#15
Fluoranthene
Concen: 0.337 ng/ul
RT: 19.12 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN006342.D
Acq: 17 Jun 2019 11:36

Instrument :
BNA_N
ClientSampleId :
A41S7

Tot Ion:202 Resp: 21058
Ion Ratio Lower Upper
202 100
101 13.7 0.0 32.1
100 10.4 0.0 28.7

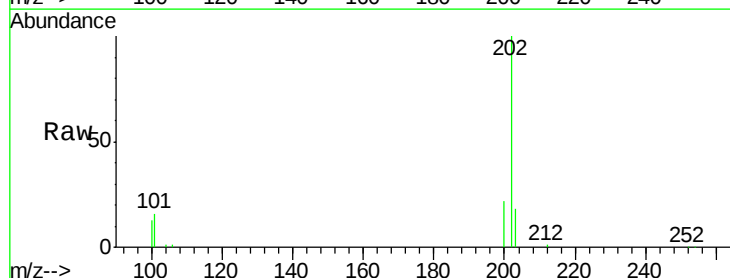


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

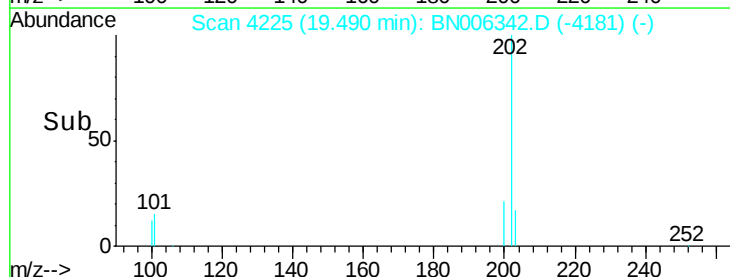
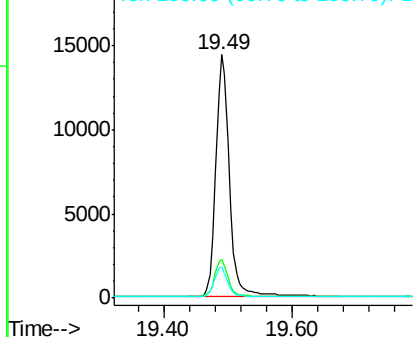


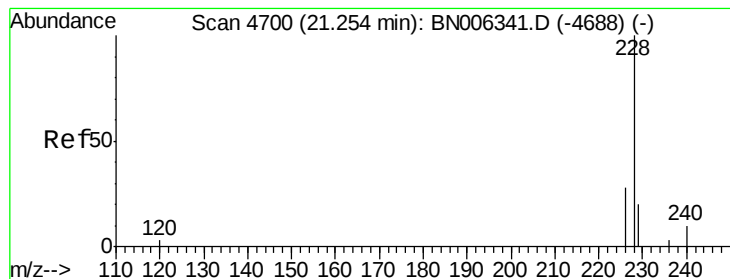
#17
Pyrene
Concen: 0.327 ng/ul
RT: 19.49 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN006342.D
Acq: 17 Jun 2019 11:36

Tgt Ion:202 Resp: 21109
Ion Ratio Lower Upper
202 100
101 16.1 12.2 18.2
100 12.8 9.8 14.6



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: 0.381 ng/ul

RT: 21.27 min Scan# 4704

Delta R.T. 0.01 min

Lab File: BN006342.D

Acq: 17 Jun 2019 11:36

Instrument :

BNA_N

ClientSampleId :

A41S7

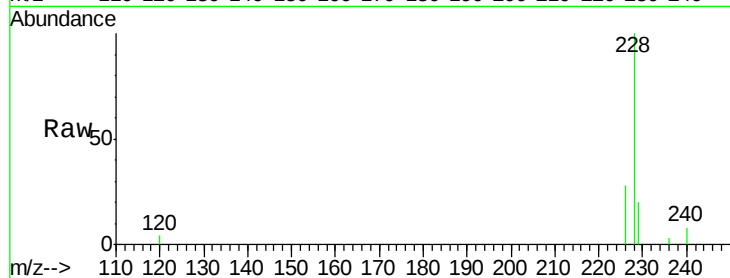
Tot Ion:228 Resp: 20634

Ion Ratio Lower Upper

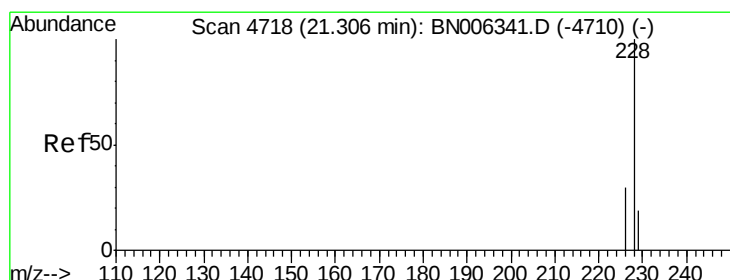
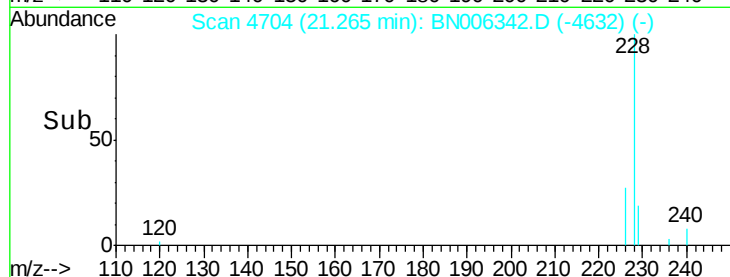
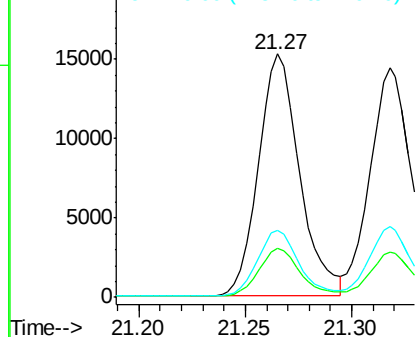
228 100

229 20.0 16.5 24.7

226 27.7 22.8 34.2



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: 0.436 ng/ul

RT: 21.32 min Scan# 4722

Delta R.T. 0.01 min

Lab File: BN006342.D

Acq: 17 Jun 2019 11:36

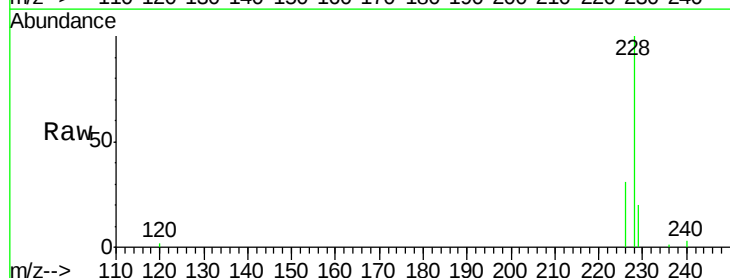
Tgt Ion:228 Resp: 22202

Ion Ratio Lower Upper

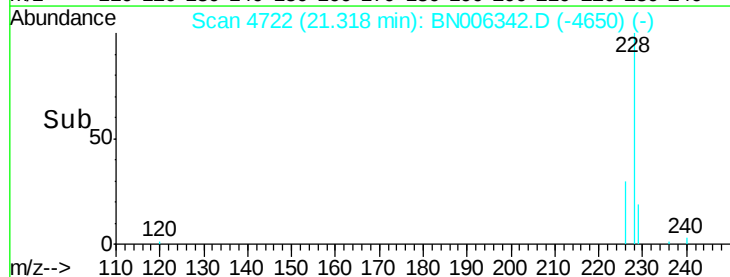
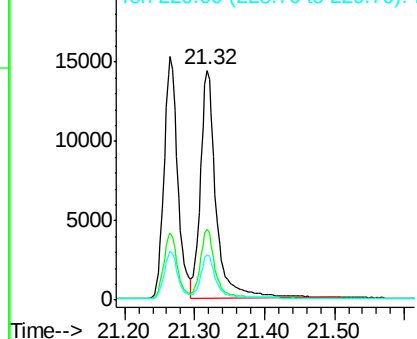
228 100

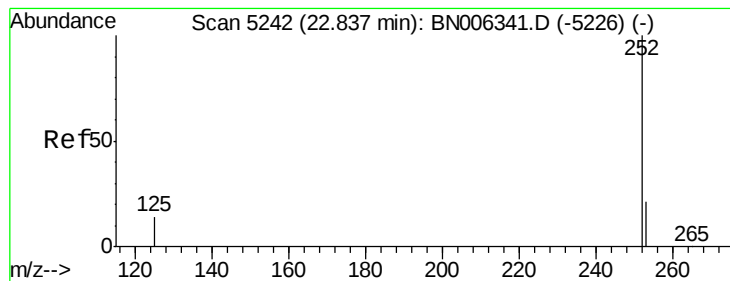
226 30.6 25.0 37.6

229 20.0 16.3 24.5



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: 0.473 ng/u1

RT: 22.86 min Scan# 5249

Delta R.T. 0.02 min

Lab File: BN006342.D

Acq: 17 Jun 2019 11:36

Instrument :

BNA_N

ClientSampleId :

A41S7

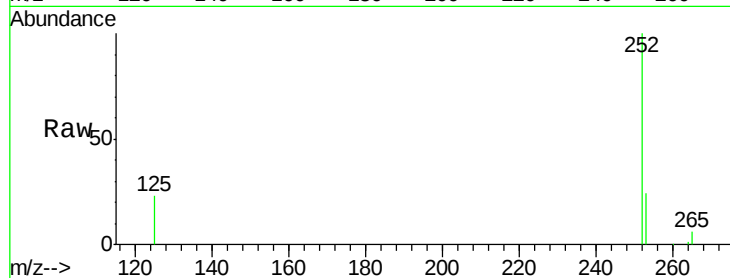
Tot Ion:252 Resp: 26723

Ion Ratio Lower Upper

252 100

253 23.6 0.0 51.4

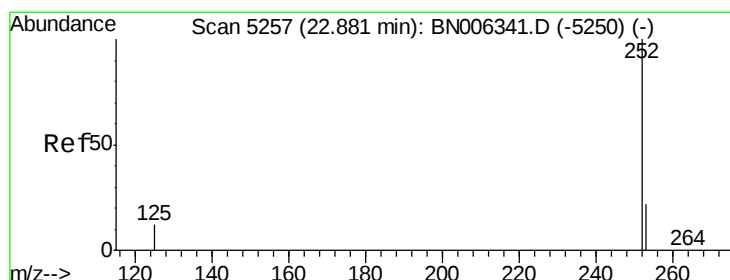
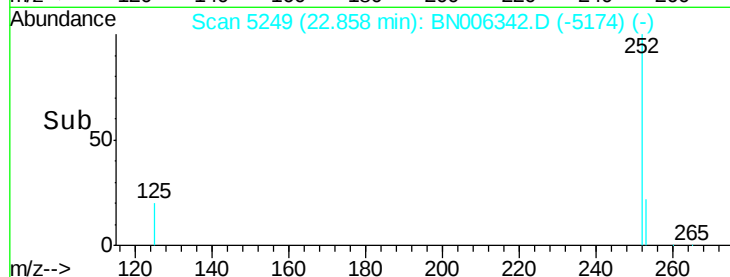
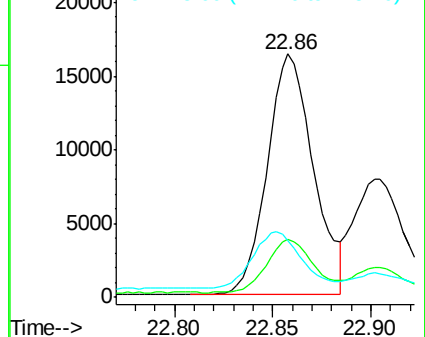
125 23.4 0.0 41.0



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: 0.272 ng/u1

RT: 22.90 min Scan# 5265

Delta R.T. 0.02 min

Lab File: BN006342.D

Acq: 17 Jun 2019 11:36

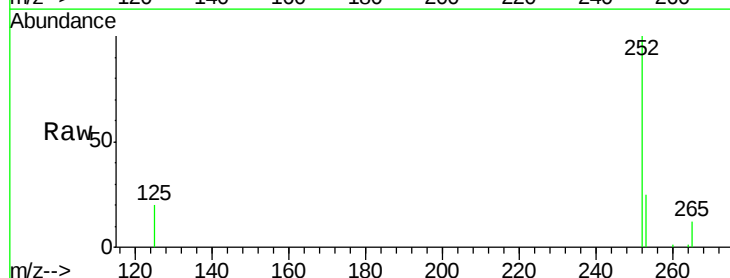
Tgt Ion:252 Resp: 14974

Ion Ratio Lower Upper

252 100

253 25.3 20.3 30.5

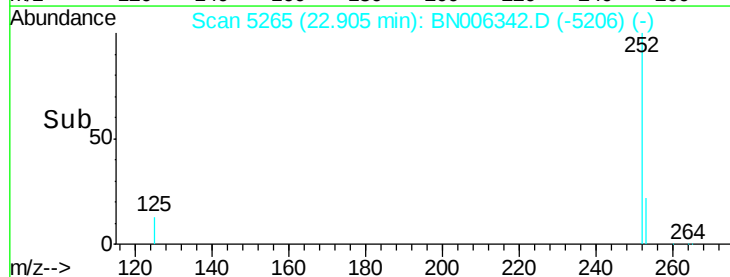
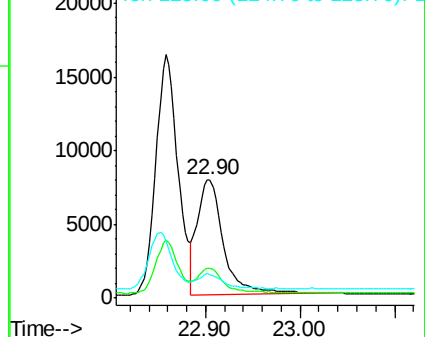
125 20.2 14.3 21.5

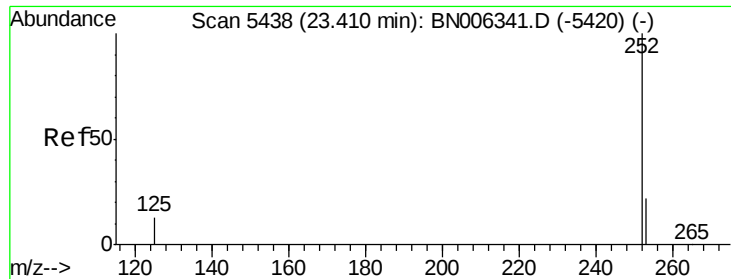


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.382 ng/ul

RT: 23.43 min Scan# 5445

Delta R.T. 0.02 min

Lab File: BN006342.D

Acq: 17 Jun 2019 11:36

Instrument :

BNA_N

ClientSampleId :

A41S7

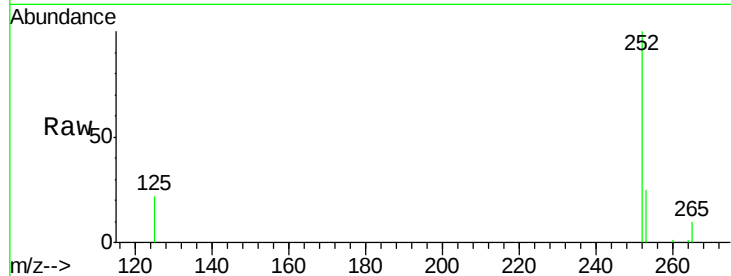
Tot Ion:252 Resp: 20067

Ion Ratio Lower Upper

252 100

253 24.8 21.1 31.7

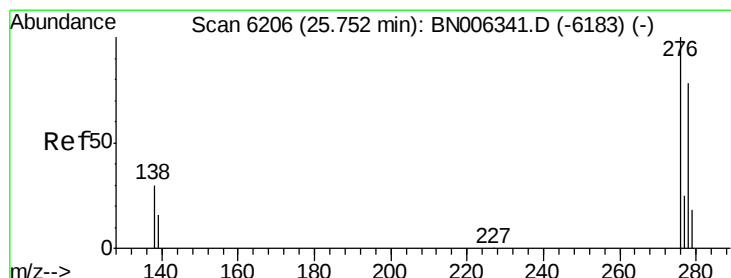
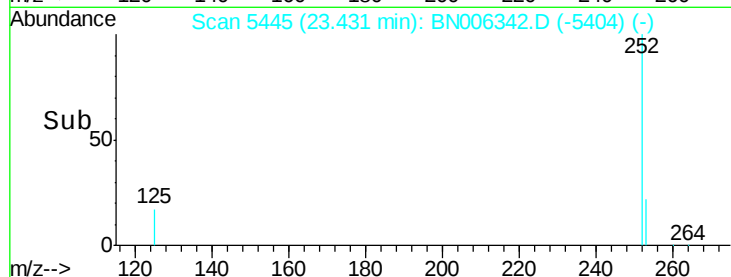
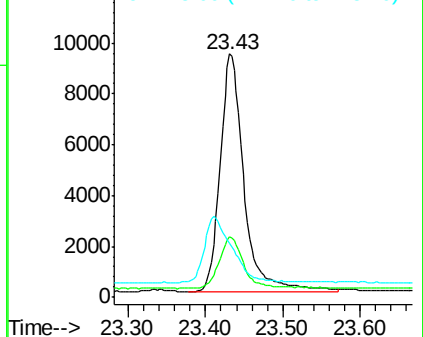
125 22.4 20.3 30.5



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



#25

Dibenzo(a,h)anthracene

Concen: 0.613 ng/ul

RT: 25.78 min Scan# 6215

Delta R.T. 0.03 min

Lab File: BN006342.D

Acq: 17 Jun 2019 11:36

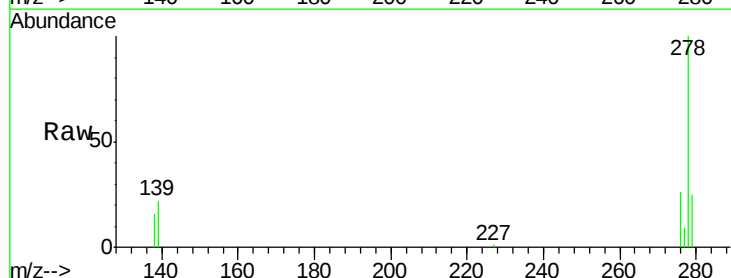
Tgt Ion:278 Resp: 27915

Ion Ratio Lower Upper

278 100

139 22.3 21.2 31.8

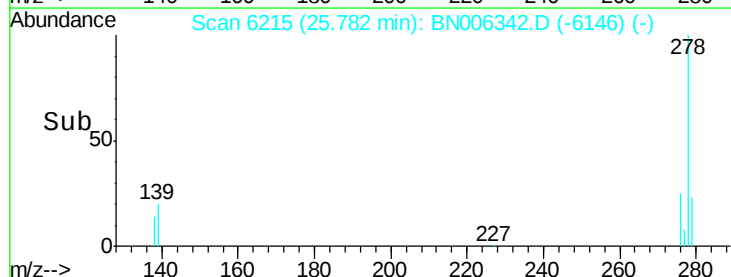
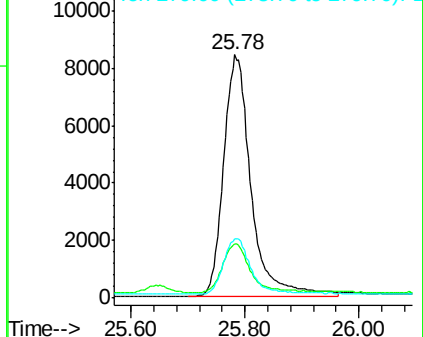
279 24.5 22.6 33.8

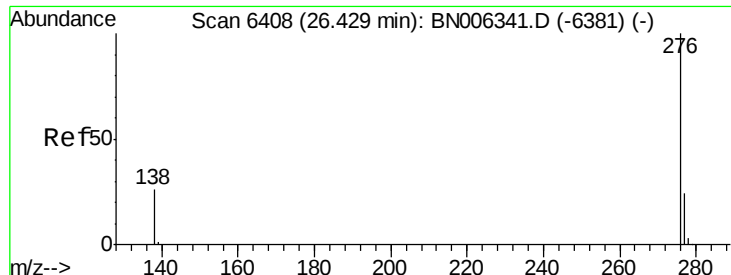


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.266 ng/ul

RT: 26.46 min Scan# 6417

Delta R.T. 0.03 min

Lab File: BN006342.D

Acq: 17 Jun 2019 11:36

Instrument :

BNA_N

ClientSampleId :

A41S7

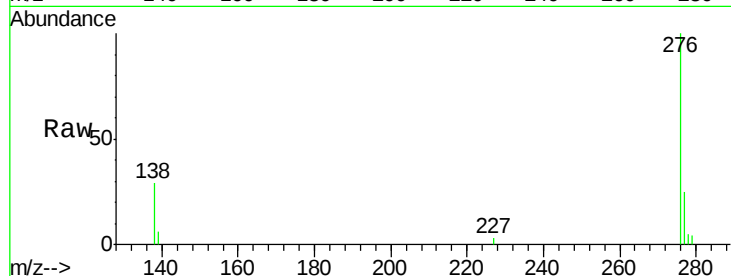
Tot Ion: 276 Resp: 12683

Ion Ratio Lower Upper

276 100

138 29.1 24.2 36.4

277 25.3 21.5 32.3



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

