

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006250.D
 Acq On : 11 Jun 2019 17:29
 Operator : JU/SJ
 Sample : K3083-16MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 12 01:12:00 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

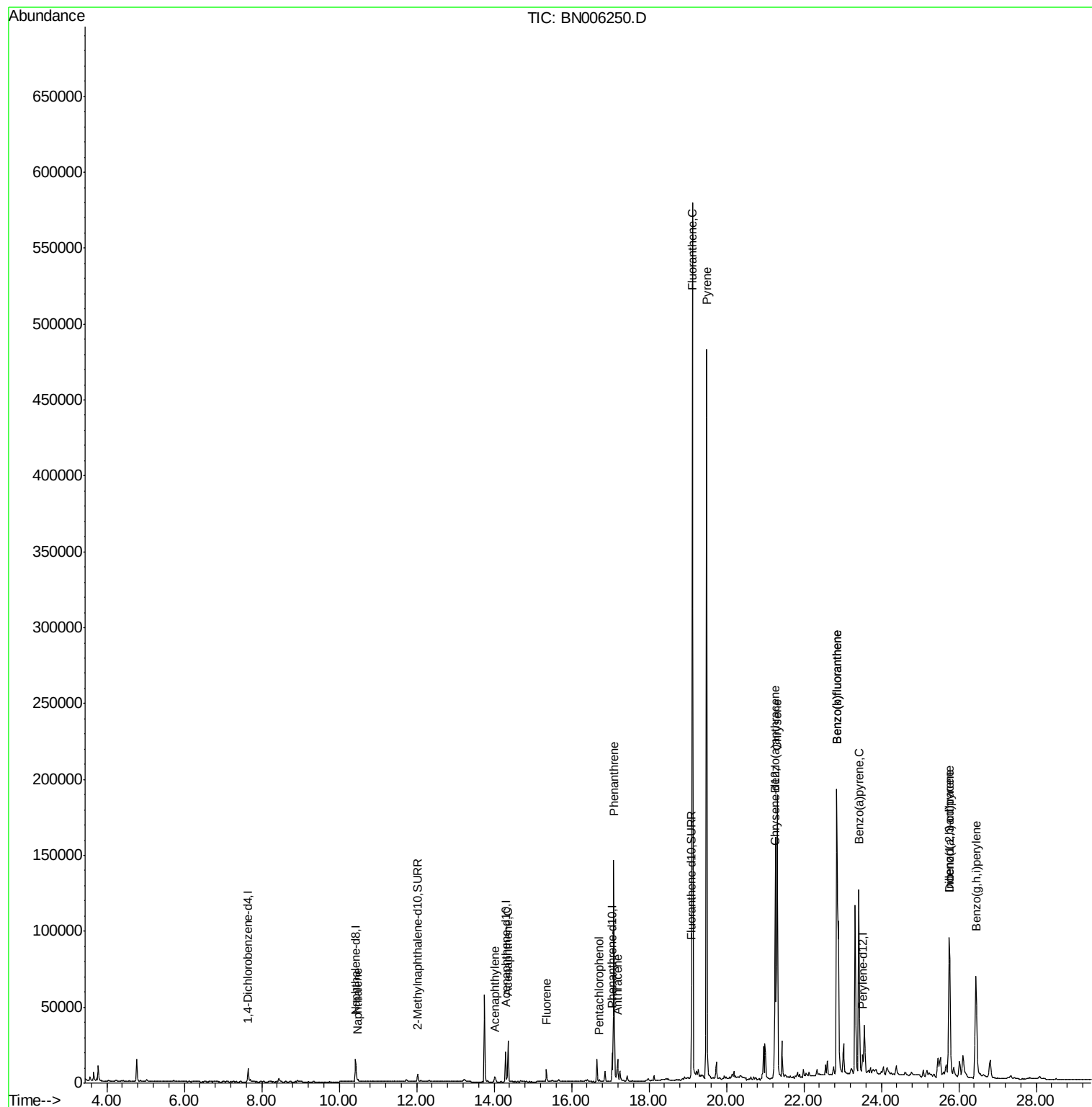
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5499	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	21593	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10994	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20743	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	14215	0.40	ng/ul	0.01
20) Perylene-d12	23.52	264	17541	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	8017	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	13769	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.48	128	1761	0.030	ng/ul#	84
7) Acenaphthylene	14.01	152	4949	0.081	ng/ul#	93
8) Acenaphthene	14.36	153	16221	0.383	ng/ul	99
9) Fluorene	15.35	166	5676	0.114	ng/ul#	93
11) Pentachlorophenol	16.71	266	1156	0.219	ng/ul	99
12) Phenanthrene	17.09	178	159394	2.394	ng/ul	99
13) Anthracene	17.19	178	14450	0.227	ng/ul	98
15) Fluoranthene	19.12	202	471320	6.410	ng/ul	98
17) Pyrene	19.49	202	387515	5.175	ng/ul	100
18) Benzo(a)anthracene	21.26	228	140038	2.227	ng/ul	100
19) Chrysene	21.31	228	203507	3.448	ng/ul	98
21) Benzo(b)fluoranthene	22.85	252	398909	5.454	ng/ul	94
22) Benzo(k)fluoranthene	22.85	252	398909	5.599	ng/ul	97
23) Benzo(a)pyrene	23.42	252	171745	2.521	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.76	276	149933	2.033	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.76	278	31586	0.536	ng/ul	99
26) Benzo(a,h,i)perylene	26.44	276	136513	2.211	ng/ul	95

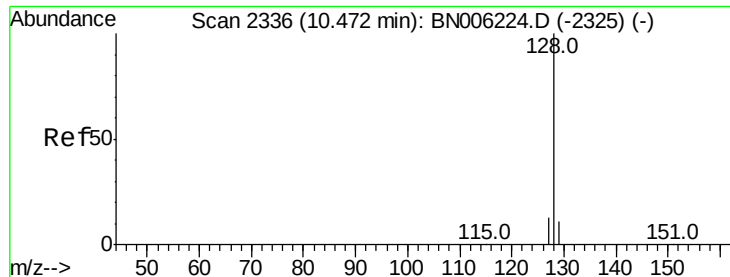
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
Data File : BN006250.D
Acq On : 11 Jun 2019 17:29
Operator : JU/SJ
Sample : K3083-16MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 12 01:12:00 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





#3

Naphthalene

Concen: 0.030 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.01 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

Instrument :

BNA_N

ClientSampleId :

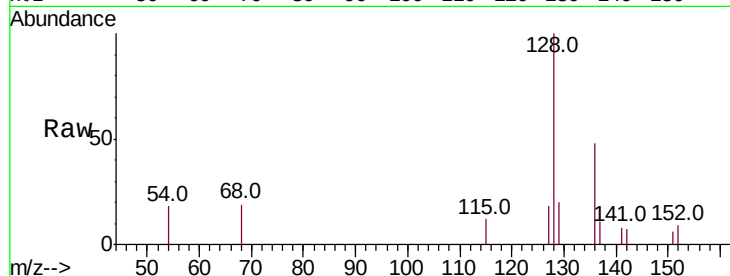
Tot Ion:128 Resp: 1761

Ion Ratio Lower Upper

128 100

129 19.8 9.3 13.9#

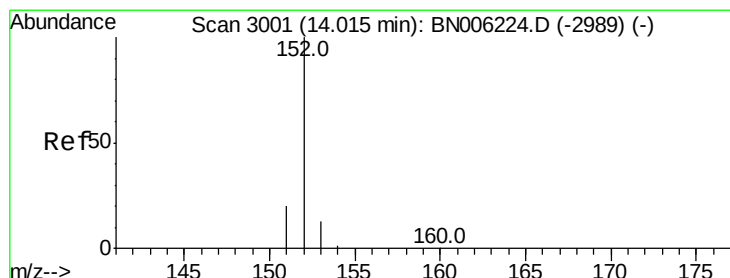
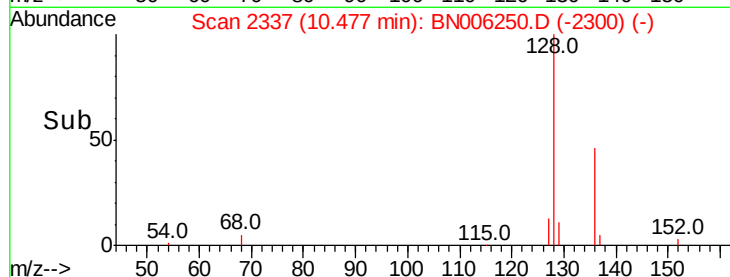
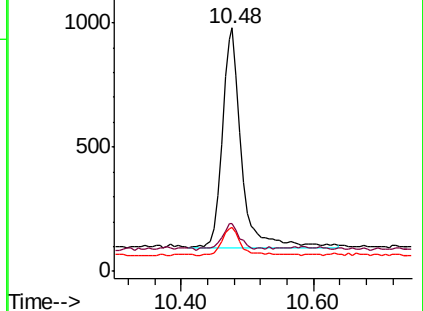
127 18.0 10.7 16.1#



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



#7

Acenaphthylene

Concen: 0.081 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. 0.00 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

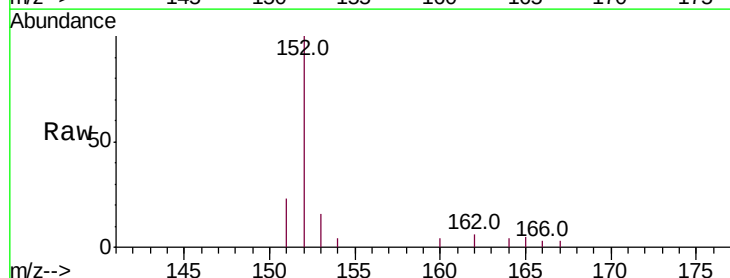
Tgt Ion:152 Resp: 4949

Ion Ratio Lower Upper

152 100

151 23.0 15.8 23.8

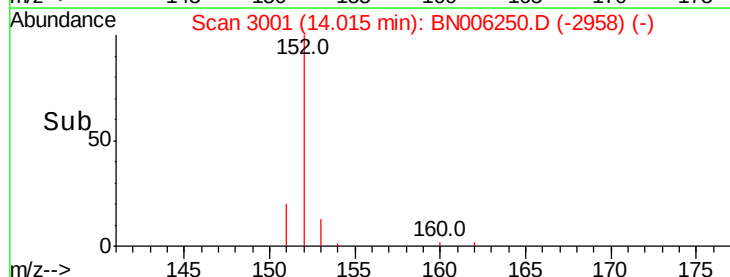
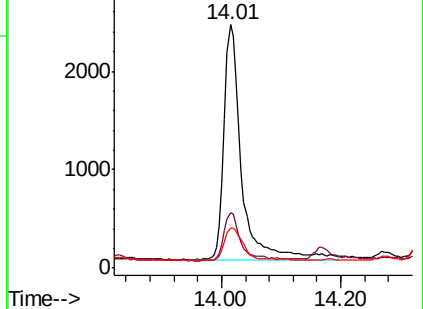
153 16.4 10.8 16.2#

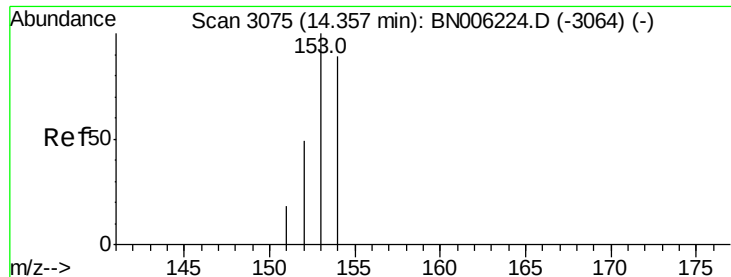


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.383 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

Instrument :

BNA_N

ClientSampleId :

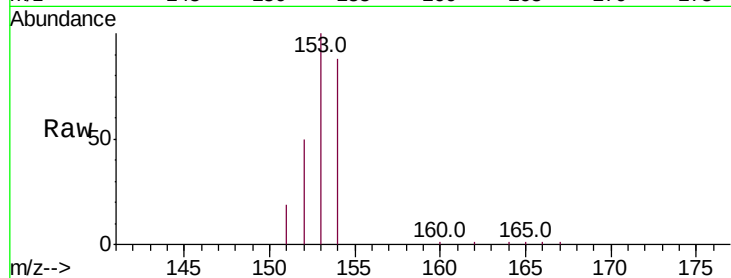
Tot Ion:153 Resp: 16221

Ion Ratio Lower Upper

153 100

152 49.8 39.1 58.7

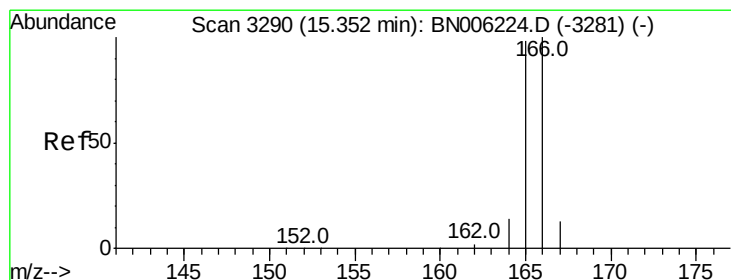
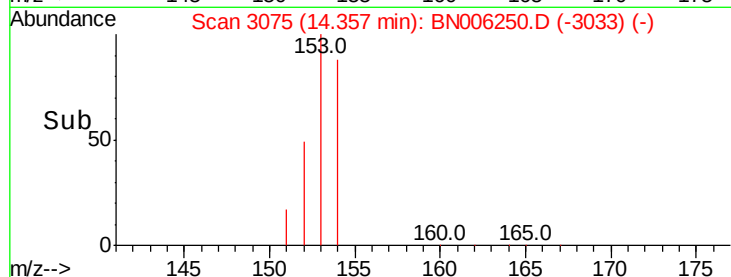
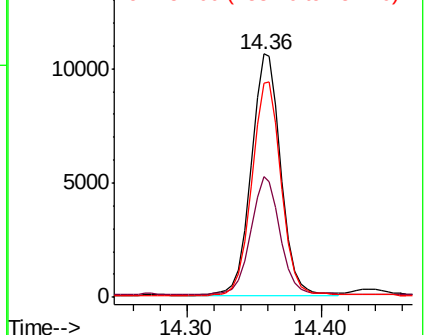
154 88.0 71.1 106.7



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: 0.114 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. 0.00 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

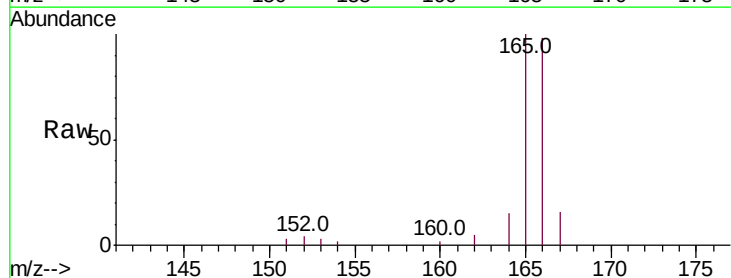
Tgt Ion:166 Resp: 5676

Ion Ratio Lower Upper

166 100

165 101.8 76.4 114.6

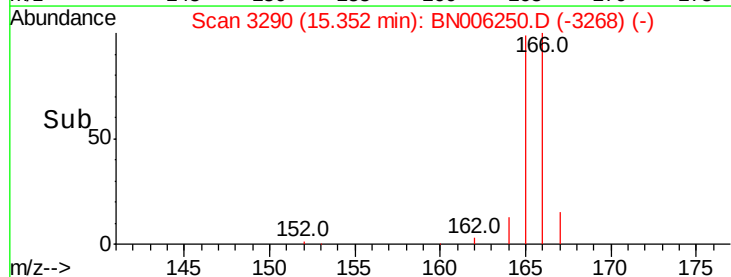
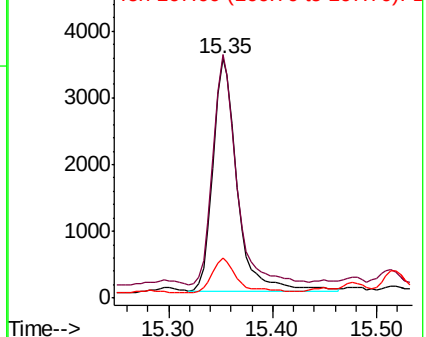
167 16.7 11.0 16.6#

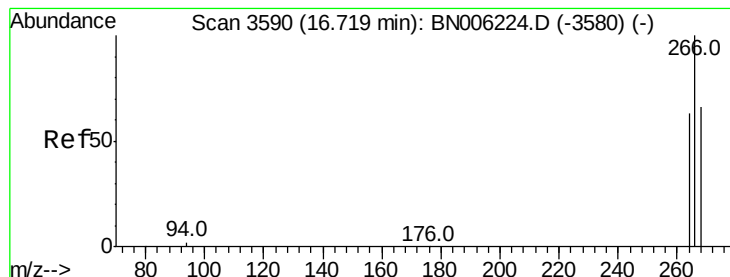


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

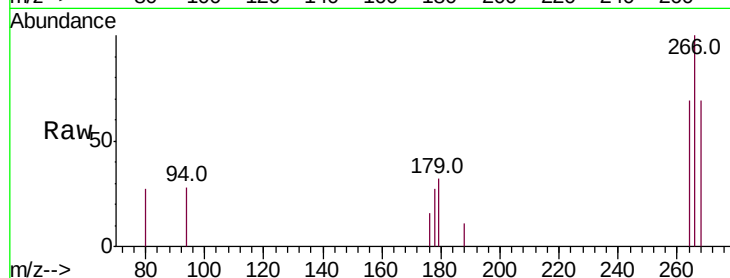




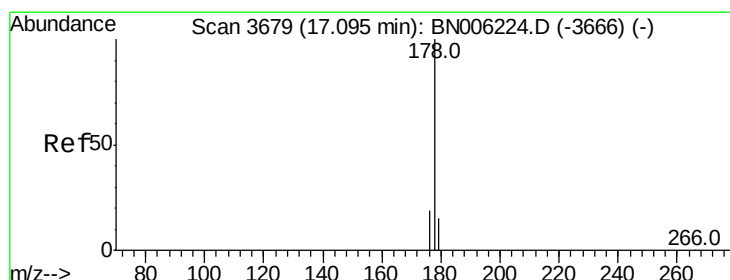
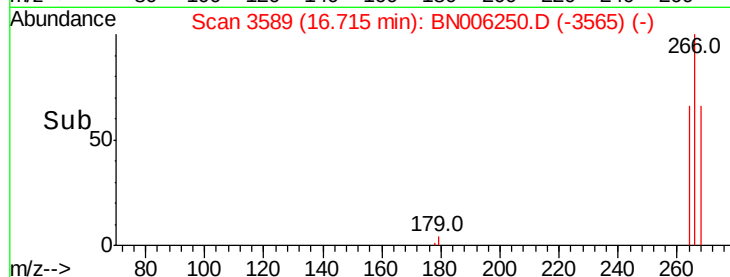
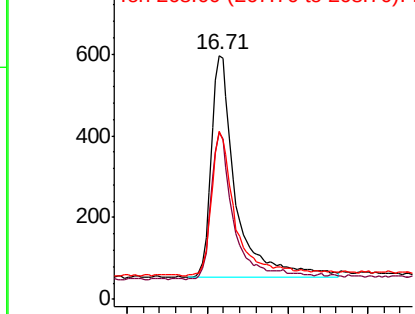
#11
 Pentachlorophenol
 Concen: 0.219 ng/ul
 RT: 16.71 min Scan# 3589
 Delta R.T. 0.00 min
 Lab File: BN006250.D
 Acq: 11 Jun 2019 17:29

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 1156
 Ion Ratio Lower Upper
 266 100
 264 63.8 50.3 75.5
 268 65.1 51.3 76.9

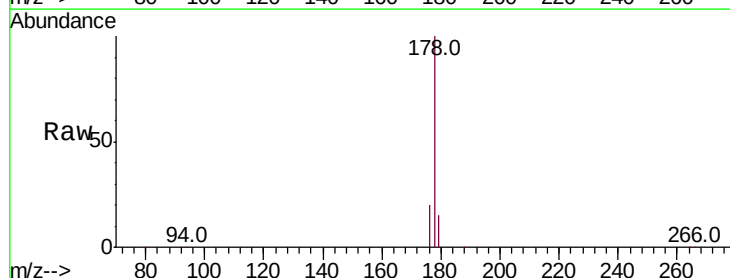


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

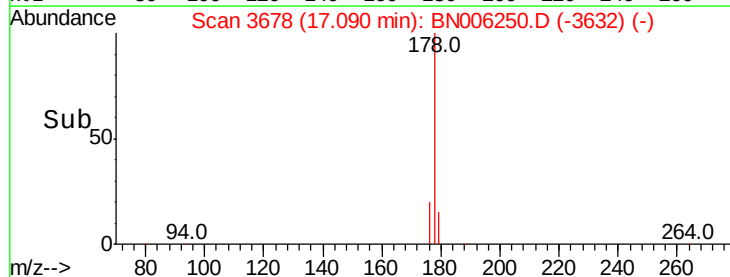
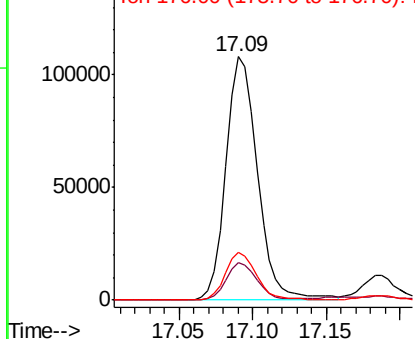


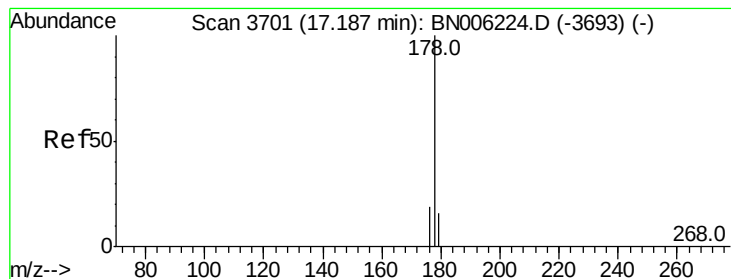
#12
 Phenanthrene
 Concen: 2.394 ng/ul
 RT: 17.09 min Scan# 3678
 Delta R.T. -0.00 min
 Lab File: BN006250.D
 Acq: 11 Jun 2019 17:29

Tgt Ion:178 Resp: 159394
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.3 18.5
 176 19.6 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: 0.227 ng/ul

RT: 17.19 min Scan# 3701

Delta R.T. 0.00 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

Instrument :

BNA_N

ClientSampleId :

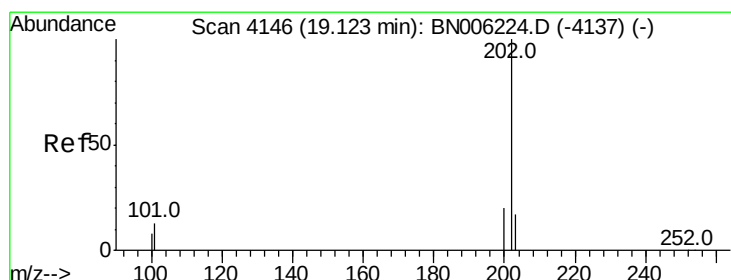
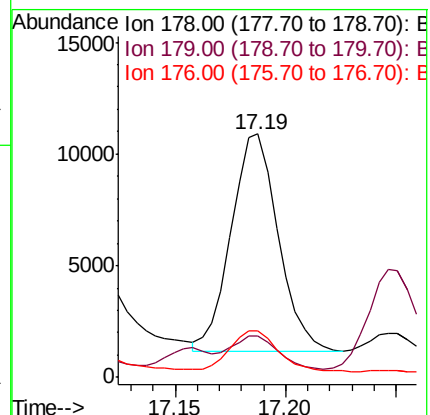
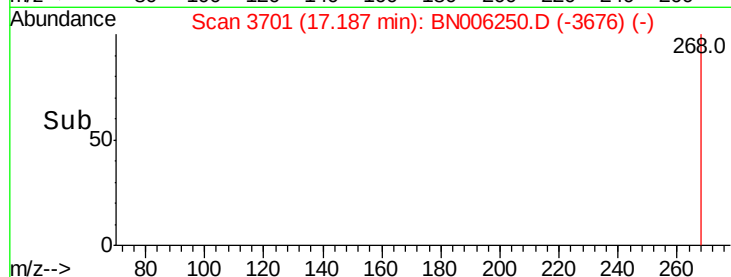
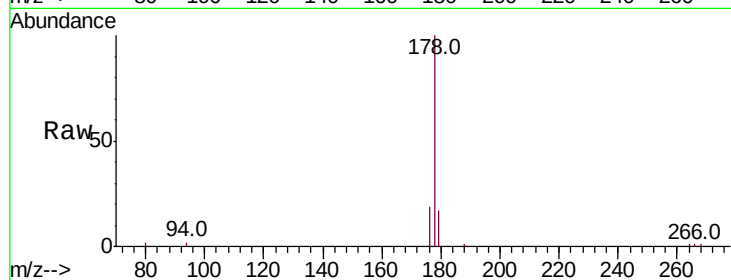
Tot Ion:178 Resp: 14450

Ion Ratio Lower Upper

178 100

179 17.2 12.2 18.4

176 19.2 15.1 22.7



#15

Fluoranthene

Concen: 6.410 ng/ul

RT: 19.12 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

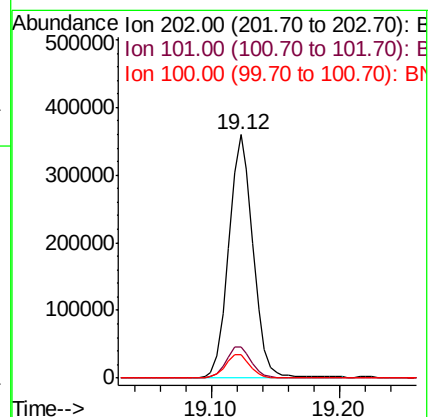
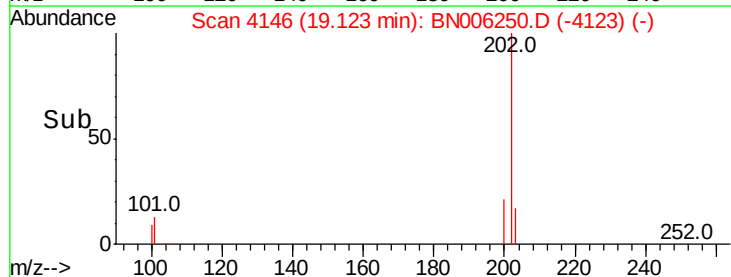
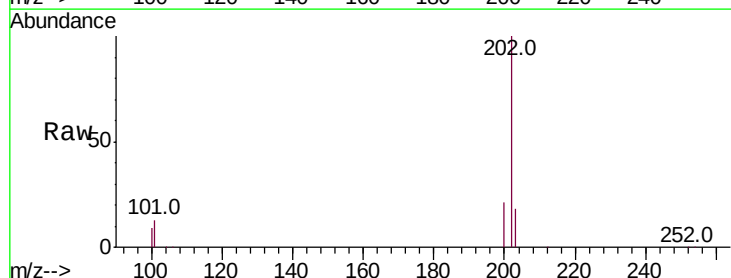
Tgt Ion:202 Resp: 471320

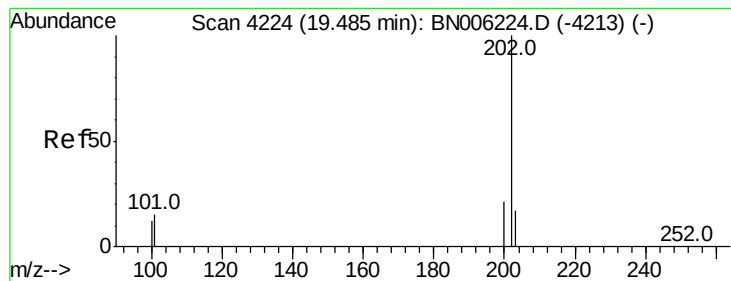
Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.1

100 9.5 0.0 28.7





#17

Pvrene

Concen: 5.175 ng/ul

RT: 19.49 min Scan# 4225

Delta R.T. 0.00 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

Instrument :

BNA_N

ClientSampleId :

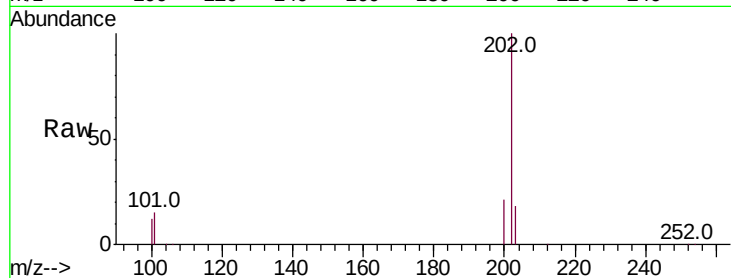
Tot Ion:202 Resp: 387515

Ion Ratio Lower Upper

202 100

101 15.3 12.2 18.2

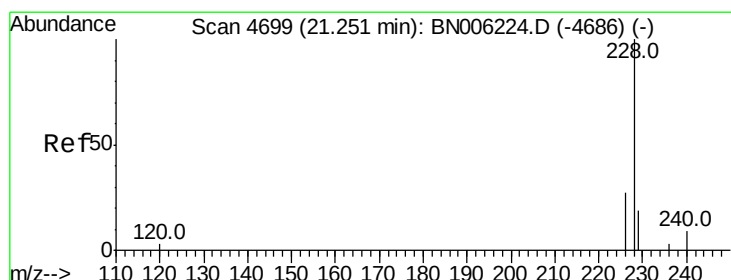
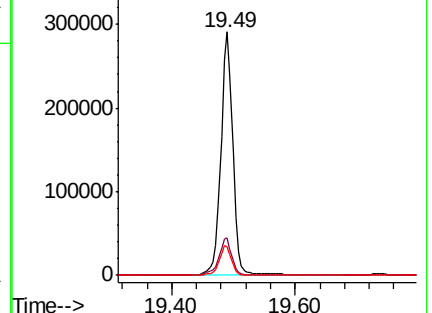
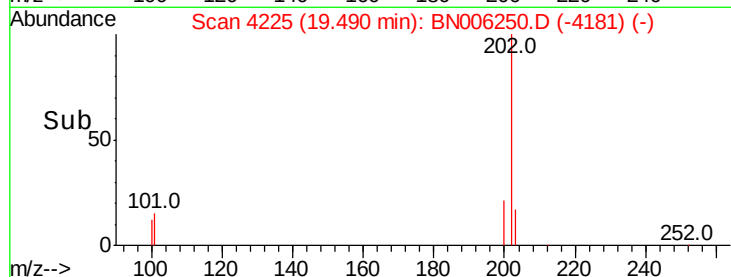
100 11.8 9.8 14.6



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: 2.227 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. 0.01 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

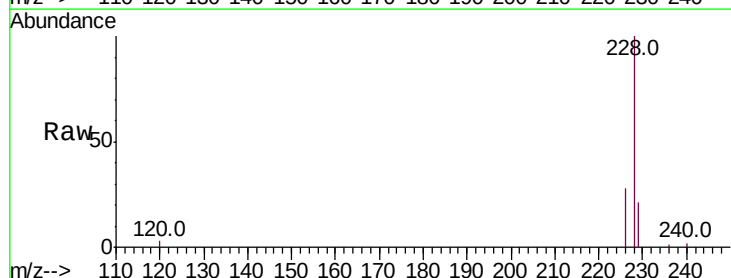
Tgt Ion:228 Resp: 140038

Ion Ratio Lower Upper

228 100

229 20.9 16.5 24.7

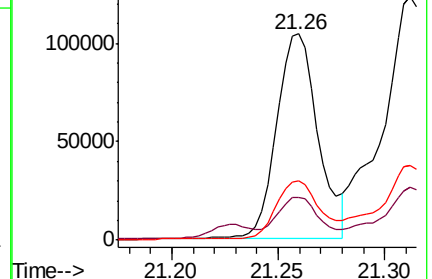
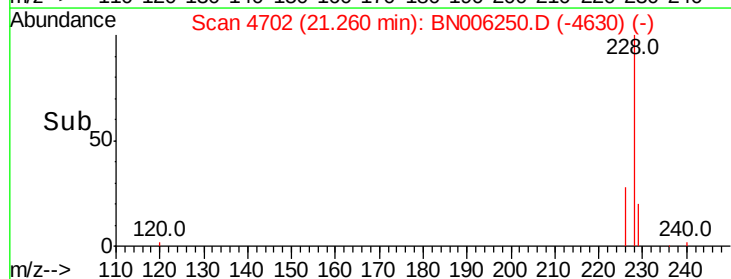
226 28.5 22.8 34.2

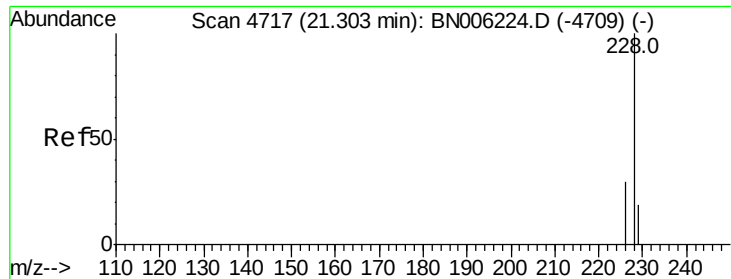


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 3.448 ng/ul

RT: 21.31 min Scan# 4720

Delta R.T. 0.01 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

Instrument :

BNA_N

ClientSampleId :

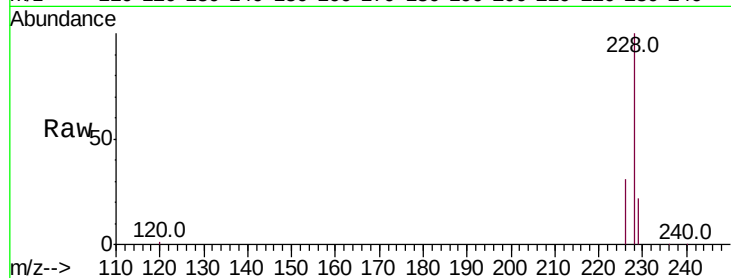
Tot Ion:228 Resp: 203507

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

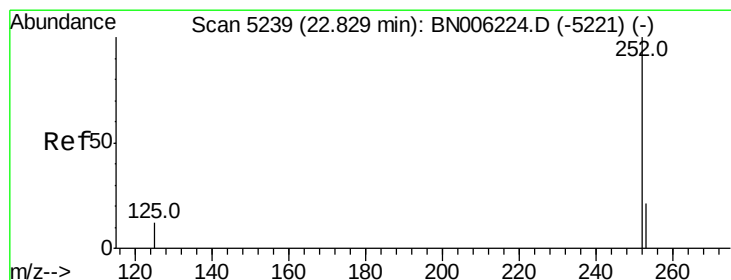
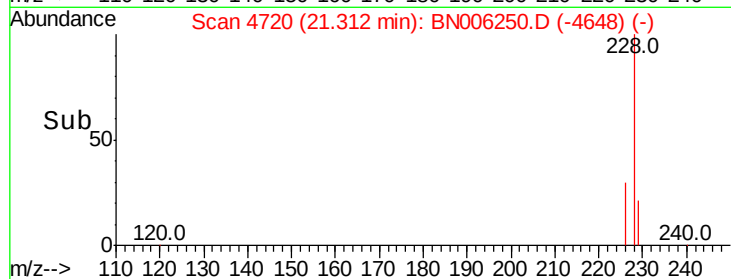
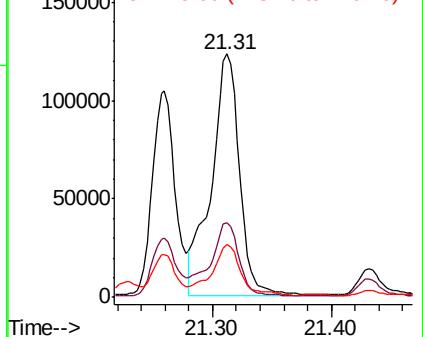
229 21.6 16.3 24.5



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: 5.454 ng/ul

RT: 22.85 min Scan# 5246

Delta R.T. 0.03 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

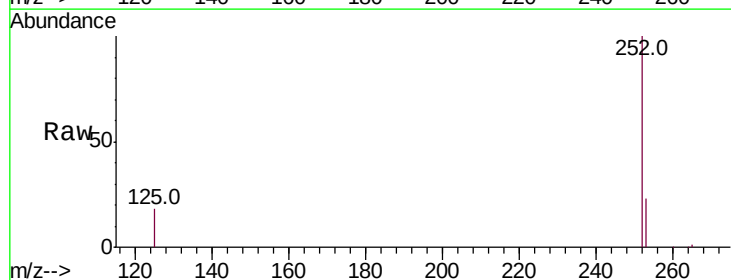
Tgt Ion:252 Resp: 398909

Ion Ratio Lower Upper

252 100

253 23.0 0.0 51.4

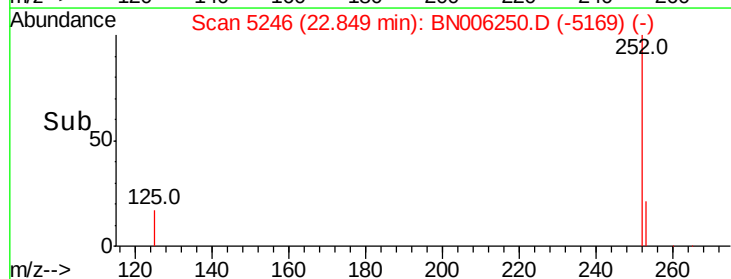
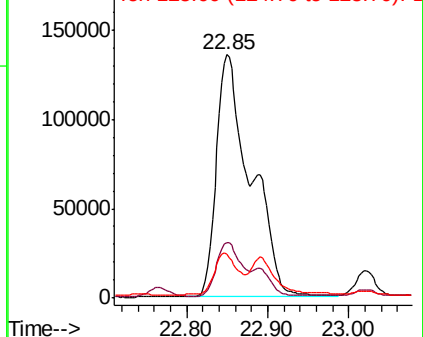
125 17.8 0.0 41.0

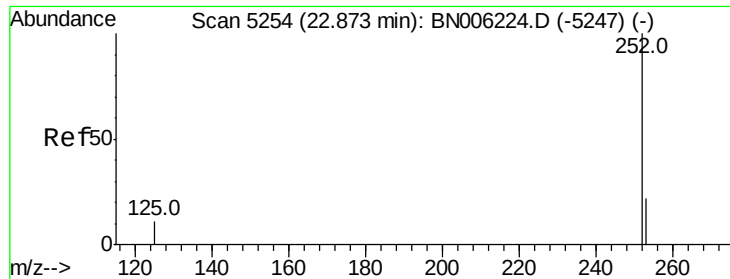


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

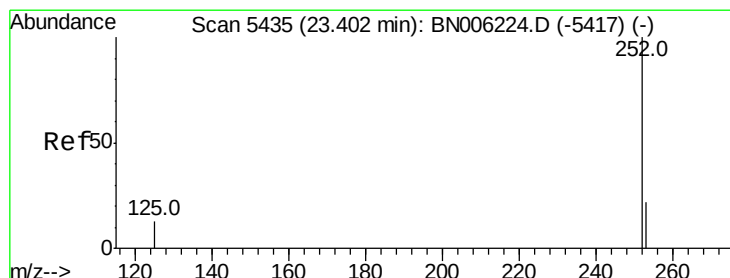
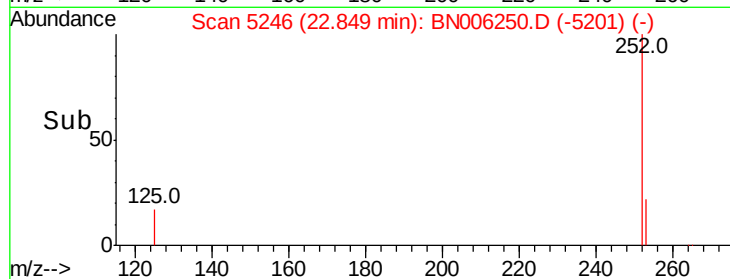
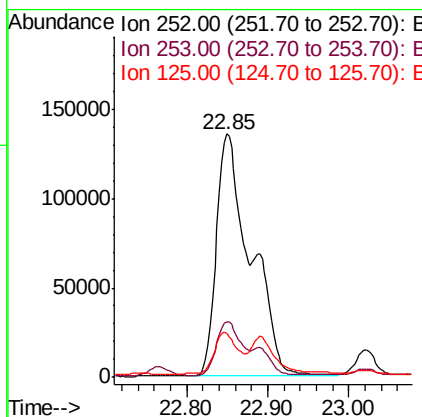
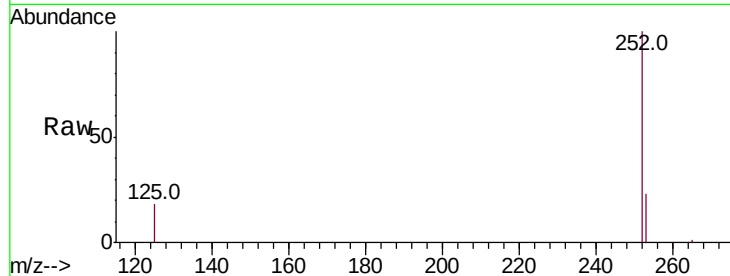




#22
Benzo(k)fluoranthene
Concen: 5.599 ng/ul
RT: 22.85 min Scan# 5246
Delta R.T. -0.02 min
Lab File: BN006250.D
Acq: 11 Jun 2019 17:29

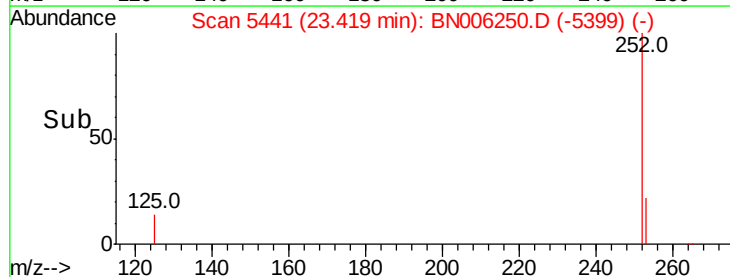
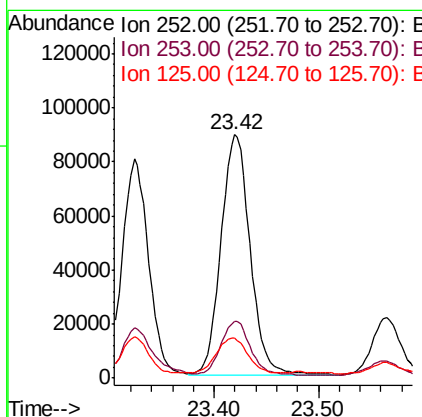
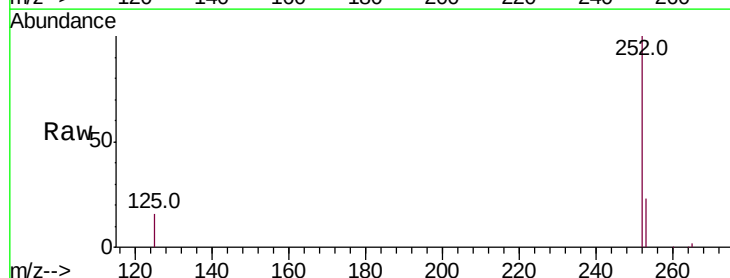
Instrument :
BNA_N
ClientSampleId :

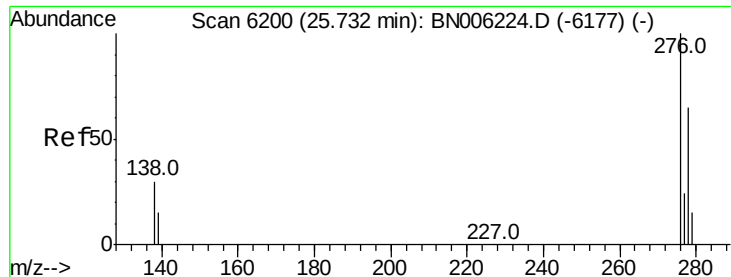
Tot Ion:252 Resp: 398909
Ion Ratio Lower Upper
252 100
253 23.0 20.3 30.5
125 17.8 14.3 21.5



#23
Benzo(a)pyrene
Concen: 2.521 ng/ul
RT: 23.42 min Scan# 5441
Delta R.T. 0.02 min
Lab File: BN006250.D
Acq: 11 Jun 2019 17:29

Tgt Ion:252 Resp: 171745
Ion Ratio Lower Upper
252 100
253 23.1 21.1 31.7
125 16.4 20.3 30.5#



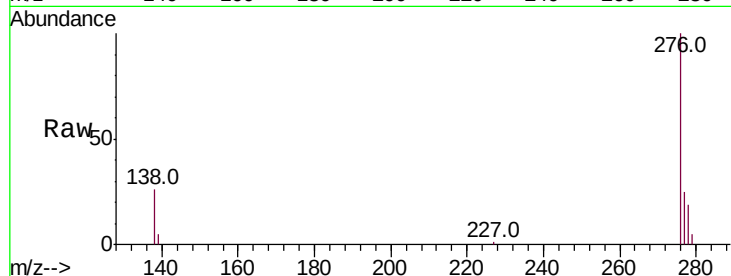


#24

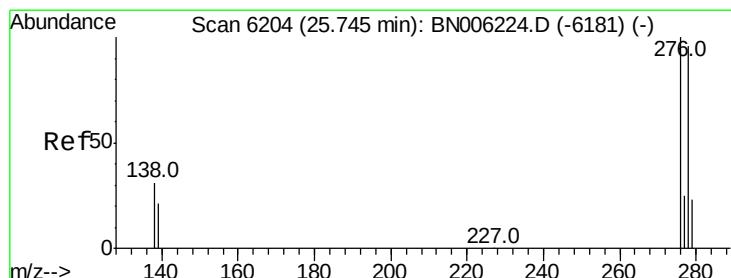
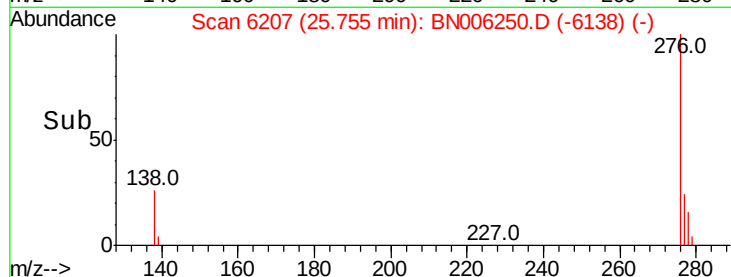
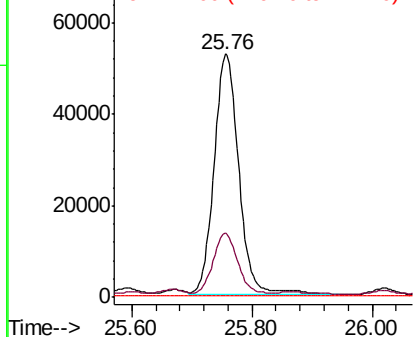
Indeno(1,2,3-cd)pyrene
Concen: 2.033 ng/ul
RT: 25.76 min Scan# 6207
Delta R.T. 0.03 min
Lab File: BN006250.D
Acq: 11 Jun 2019 17:29

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 149933
Ion Ratio Lower Upper
276 100
138 24.9 25.6 38.4#
227 0.2 0.3 0.5#



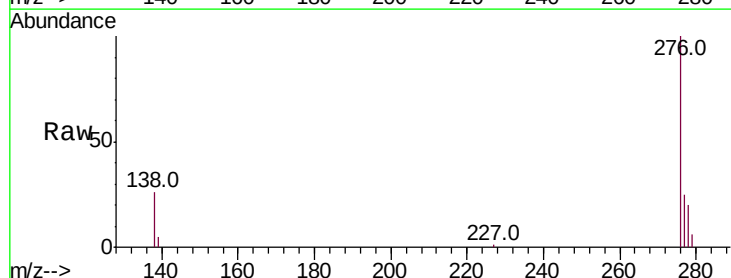
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



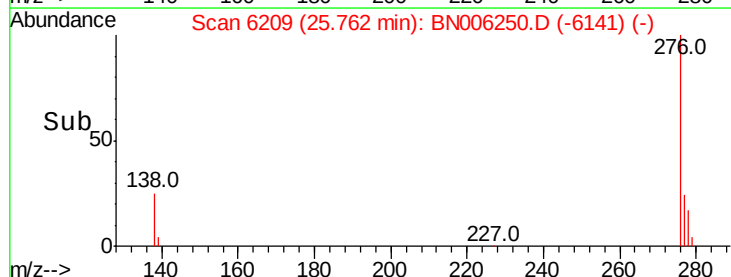
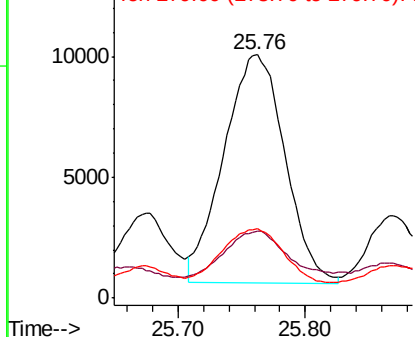
#25

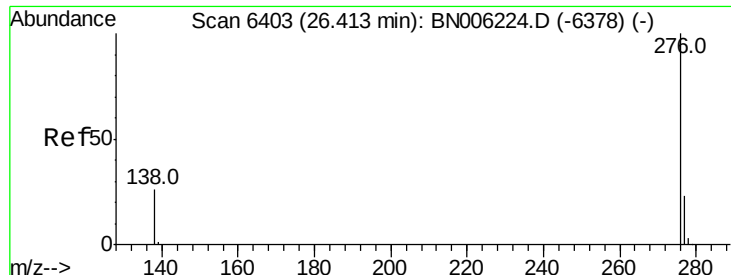
Dibenzo(a,h)anthracene
Concen: 0.536 ng/ul
RT: 25.76 min Scan# 6209
Delta R.T. 0.03 min
Lab File: BN006250.D
Acq: 11 Jun 2019 17:29

Tgt Ion:278 Resp: 31586
Ion Ratio Lower Upper
278 100
139 27.6 21.2 31.8
279 28.3 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: 2.211 ng/ul

RT: 26.44 min Scan# 6412

Delta R.T. 0.04 min

Lab File: BN006250.D

Acq: 11 Jun 2019 17:29

Instrument :

BNA_N

ClientSampleId :

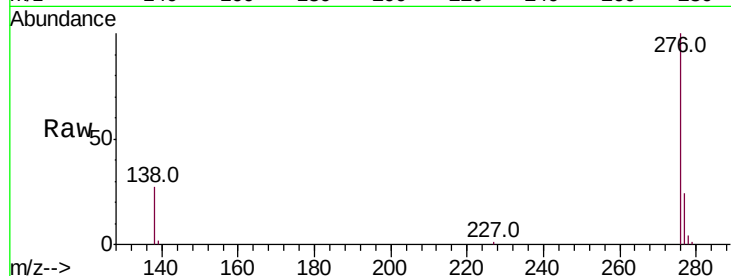
Tot Ion:276 Resp: 136513

Ion Ratio Lower Upper

276 100

138 27.5 24.2 36.4

277 24.3 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

