

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061719\
 Data File : BN006350.D
 Acq On : 17 Jun 2019 16:25
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 18 01:51:36 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

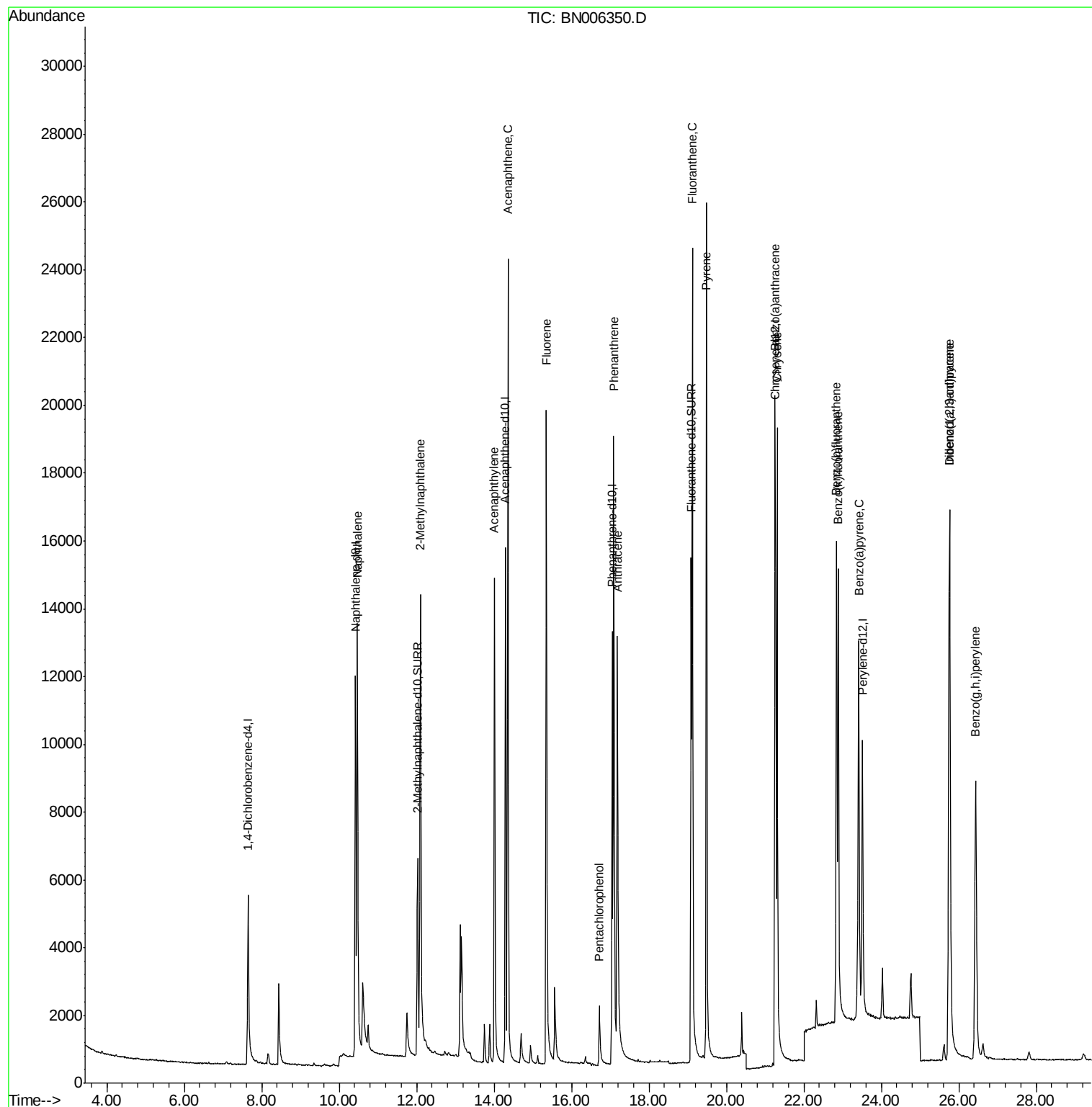
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4037	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17084	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	9269	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	17668	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	10711	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	11563	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	10480	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	17149	0.36	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	19663	0.417	ng/ul	100
5) 2-Methylnaphthalene	12.09	142	13041	0.397	ng/ul	98
7) Acenaphthylene	14.01	152	19255	0.374	ng/ul	99
8) Acenaphthene	14.36	153	14821	0.415	ng/ul	100
9) Fluorene	15.35	166	15285	0.366	ng/ul	98
11) Pentachlorophenol	16.72	266	2114	0.471	ng/ul	99
12) Phenanthrene	17.09	178	22038	0.389	ng/ul	99
13) Anthracene	17.19	178	18388	0.339	ng/ul	99
15) Fluoranthene	19.12	202	22477	0.359	ng/ul	98
17) Pyrene	19.48	202	23305	0.413	ng/ul	99
18) Benzo(a)anthracene	21.25	228	17165	0.362	ng/ul	98
19) Chrysene	21.31	228	20374	0.458	ng/ul	99
21) Benzo(b)fluoranthene	22.84	252	18154	0.377	ng/ul	95
22) Benzo(k)fluoranthene	22.89	252	19736	0.420	ng/ul	96
23) Benzo(a)pyrene	23.41	252	18441	0.411	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.76	276	20729	0.426	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.76	278	16266	0.419	ng/ul	93
26) Benzo(g,h,i)perylene	26.43	276	17938	0.441	ng/ul	96

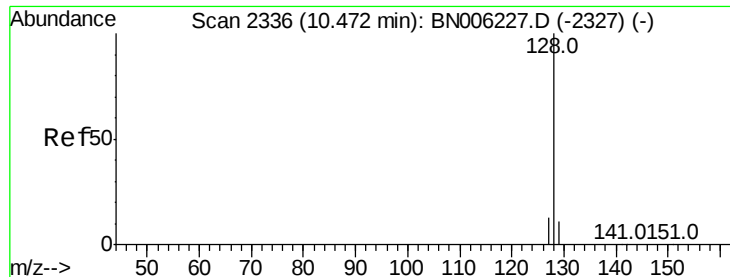
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.417 ng/ul

RT: 10.47 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BN006350.D

Acq: 17 Jun 2019 16:25

Instrument :

BNA_N

ClientSampleId :

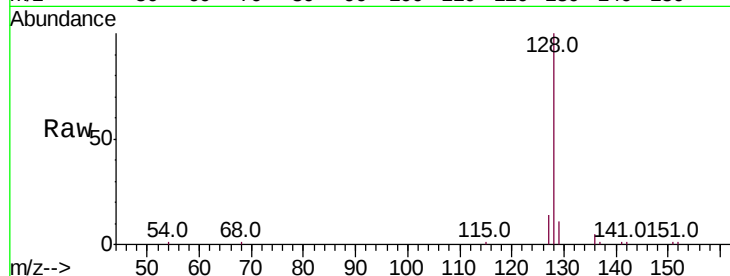
Tot Ion:128 Resp: 19663

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

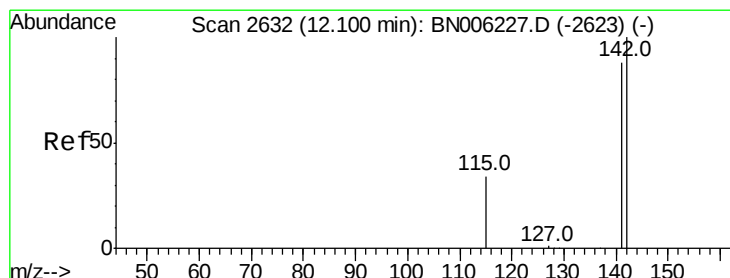
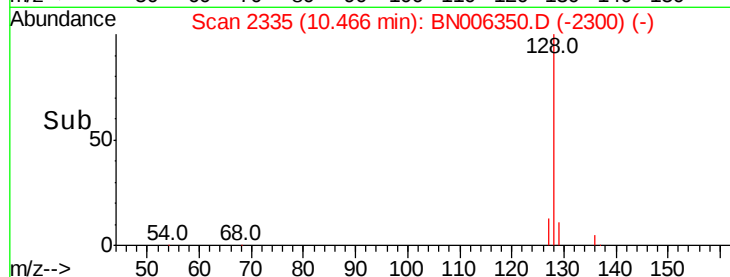
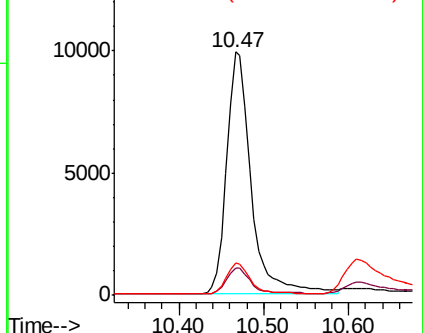
127 13.5 10.7 16.1



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: 0.397 ng/ul

RT: 12.09 min Scan# 2631

Delta R.T. 0.00 min

Lab File: BN006350.D

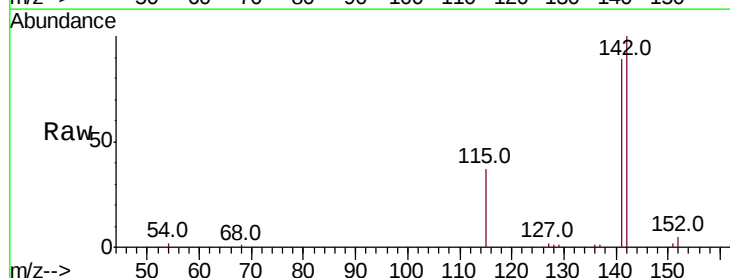
Acq: 17 Jun 2019 16:25

Tgt Ion:142 Resp: 13041

Ion Ratio Lower Upper

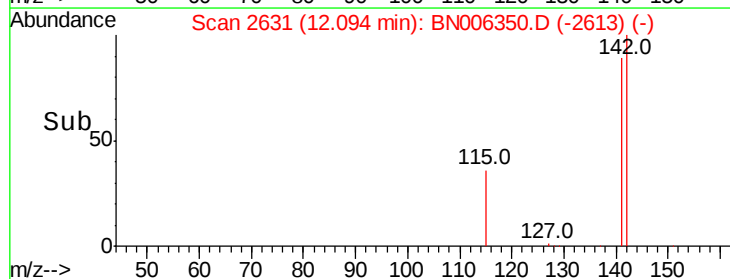
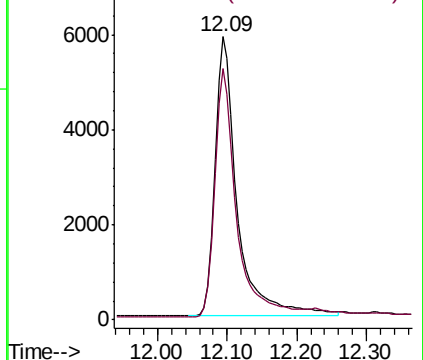
142 100

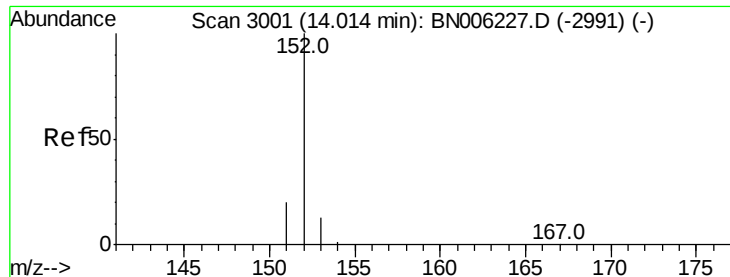
141 89.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.374 ng/ul

RT: 14.01 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BN006350.D

Acq: 17 Jun 2019 16:25

Instrument :

BNA_N

ClientSampleId :

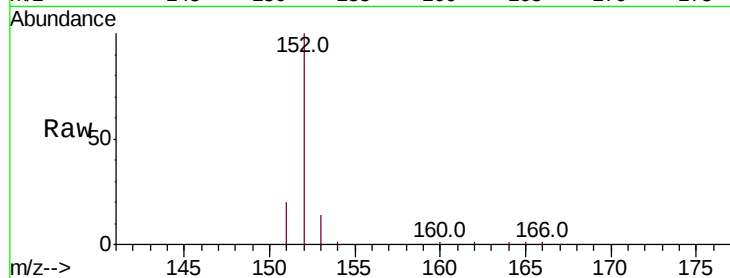
Tot Ion:152 Resp: 19255

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

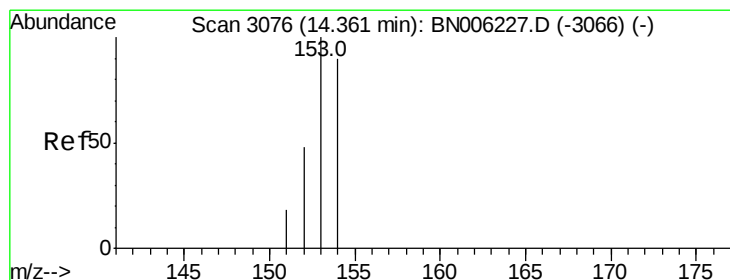
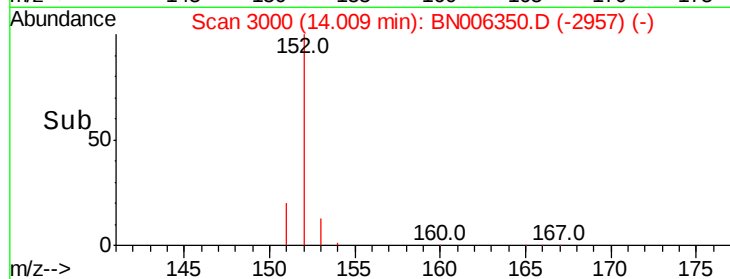
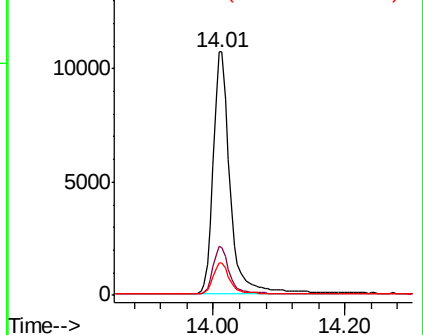
153 13.5 10.8 16.2



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: 0.415 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006350.D

Acq: 17 Jun 2019 16:25

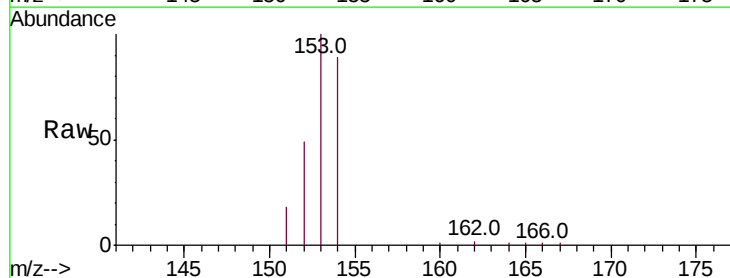
Tgt Ion:153 Resp: 14821

Ion Ratio Lower Upper

153 100

152 49.1 39.1 58.7

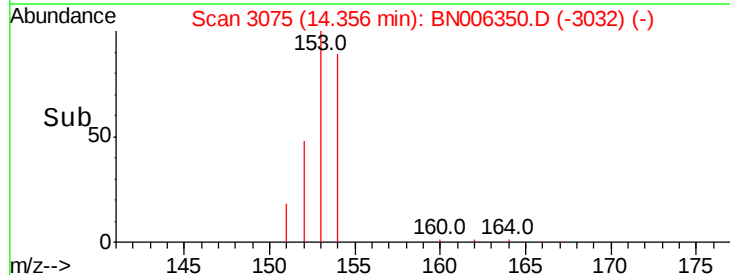
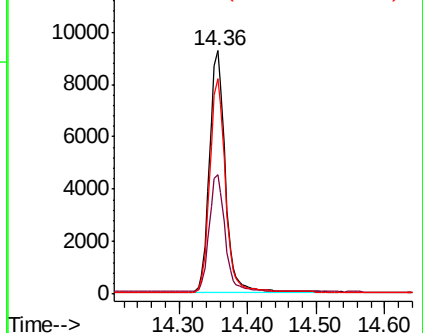
154 88.7 71.1 106.7

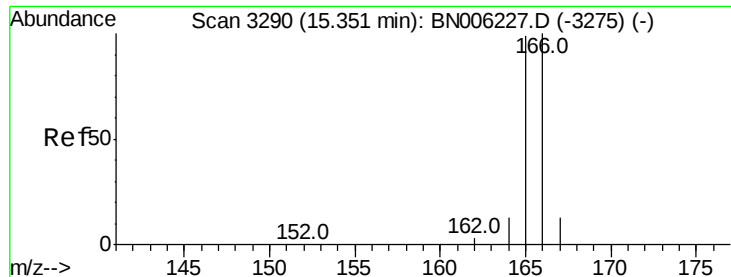


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

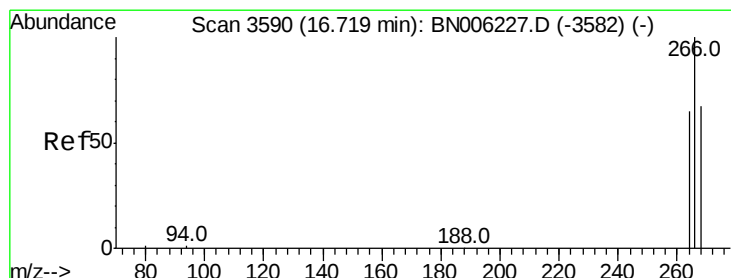
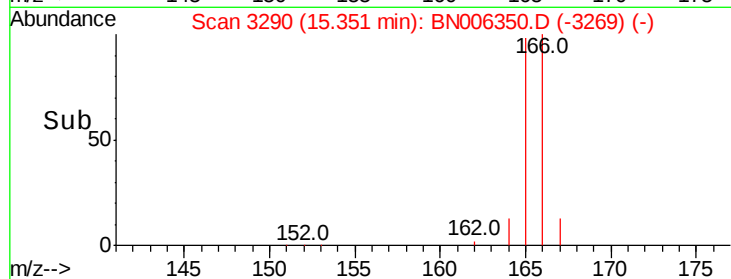
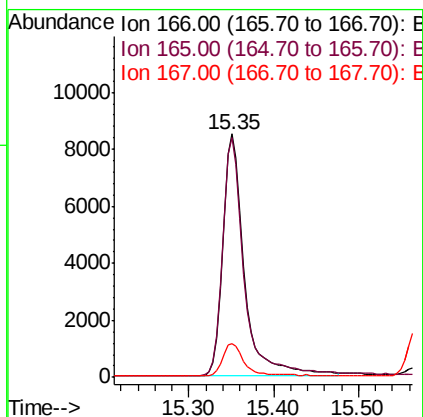
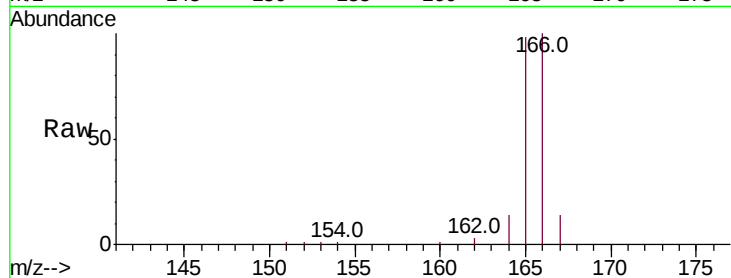




#9
Fluorene
 Concen: 0.366 ng/ul
 RT: 15.35 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BN006350.D
 Acq: 17 Jun 2019 16:25

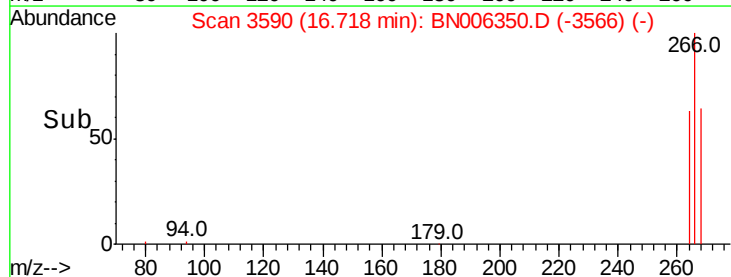
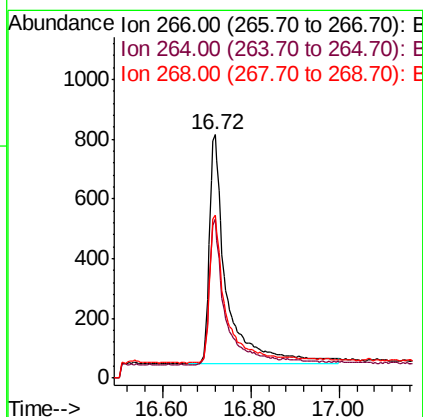
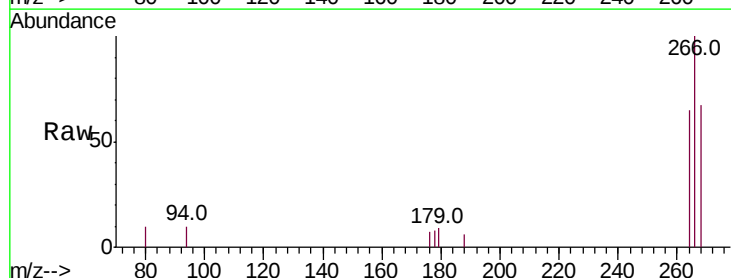
Instrument :
 BNA_N
 ClientSampleId :

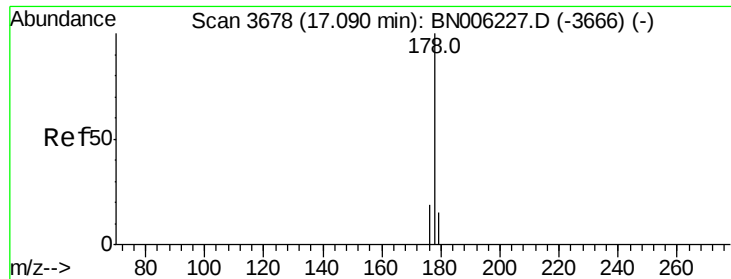
Tot Ion:166 Resp: 15285
 Ion Ratio Lower Upper
 166 100
 165 98.2 76.4 114.6
 167 13.9 11.0 16.6



#11
Pentachlorophenol
 Concen: 0.471 ng/ul
 RT: 16.72 min Scan# 3590
 Delta R.T. -0.00 min
 Lab File: BN006350.D
 Acq: 17 Jun 2019 16:25

Tgt Ion:266 Resp: 2114
 Ion Ratio Lower Upper
 266 100
 264 62.6 50.3 75.5
 268 64.6 51.3 76.9





#12

Phenanthrene

Concen: 0.389 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006350.D

Acq: 17 Jun 2019 16:25

Instrument :

BNA_N

ClientSampleId :

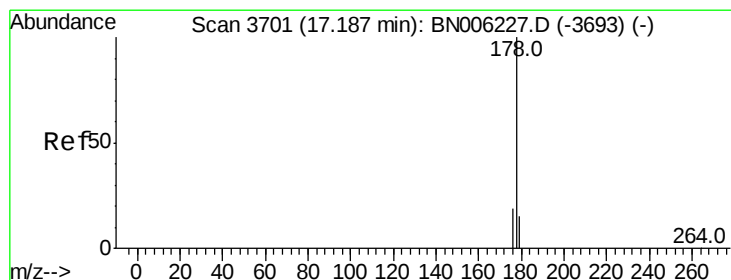
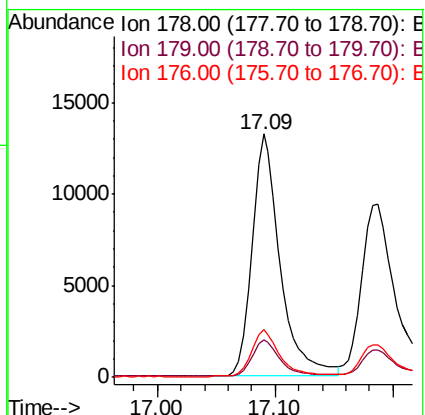
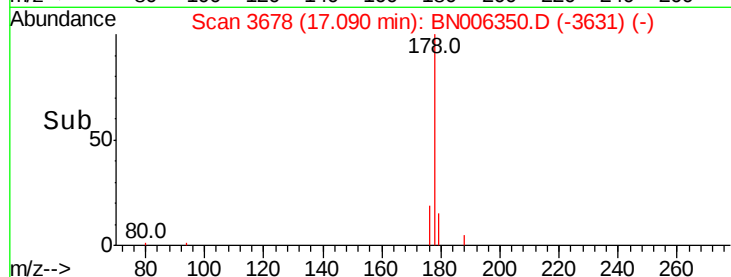
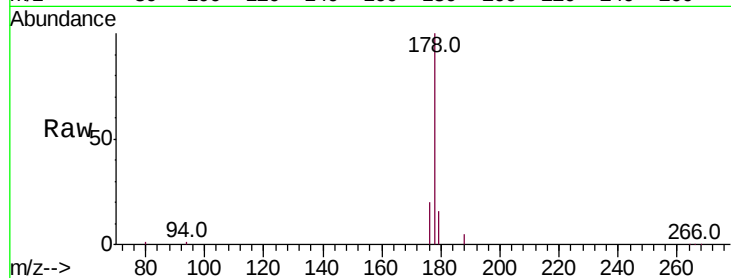
Tot Ion:178 Resp: 22038

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 19.6 15.3 22.9



#13

Anthracene

Concen: 0.339 ng/ul

RT: 17.19 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BN006350.D

Acq: 17 Jun 2019 16:25

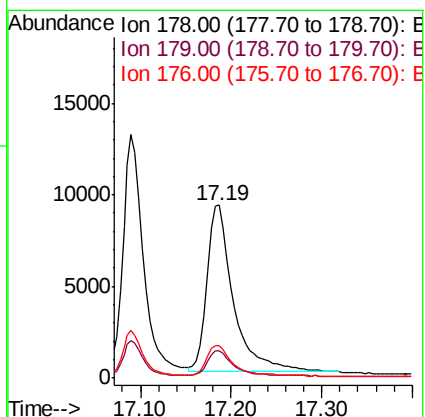
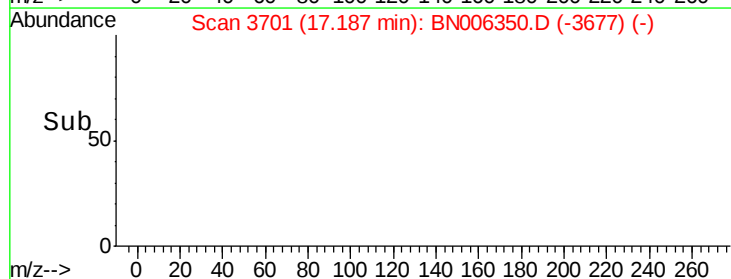
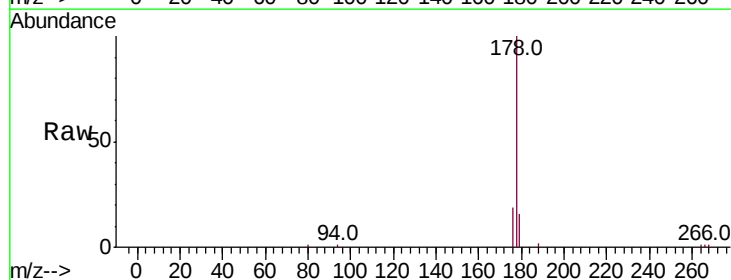
Tgt Ion:178 Resp: 18388

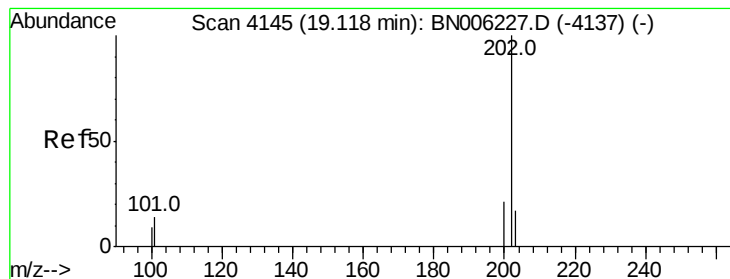
Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

176 18.5 15.1 22.7





#15

Fluoranthene

Concen: 0.359 ng/ul

RT: 19.12 min Scan# 4146

Delta R.T. 0.00 min

Lab File: BN006350.D

Acq: 17 Jun 2019 16:25

Instrument :

BNA_N

ClientSampleId :

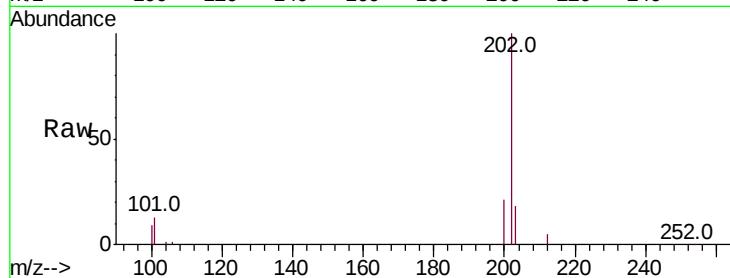
Tot Ion:202 Resp: 22477

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.1

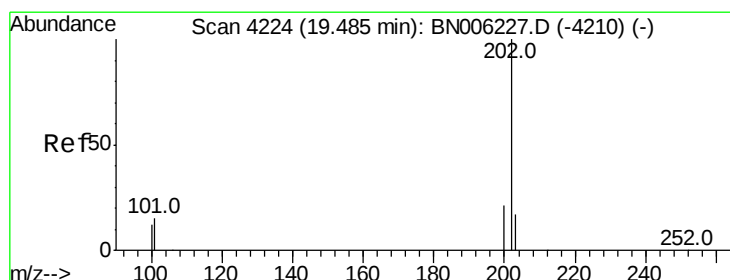
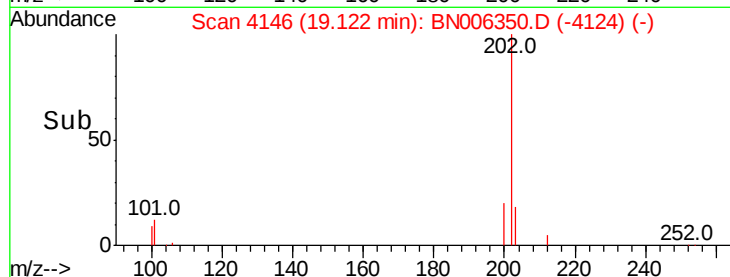
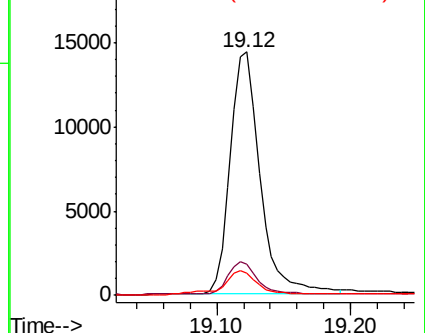
100 9.4 0.0 28.7



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: 0.413 ng/ul

RT: 19.48 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006350.D

Acq: 17 Jun 2019 16:25

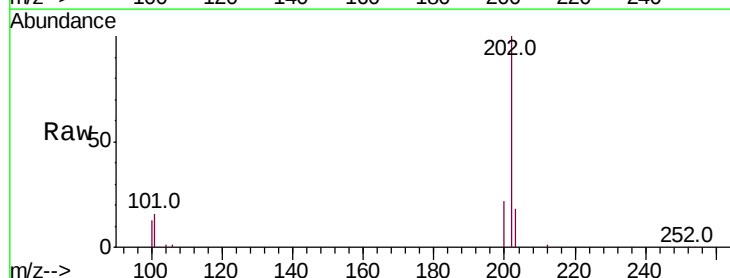
Tgt Ion:202 Resp: 23305

Ion Ratio Lower Upper

202 100

101 15.8 12.2 18.2

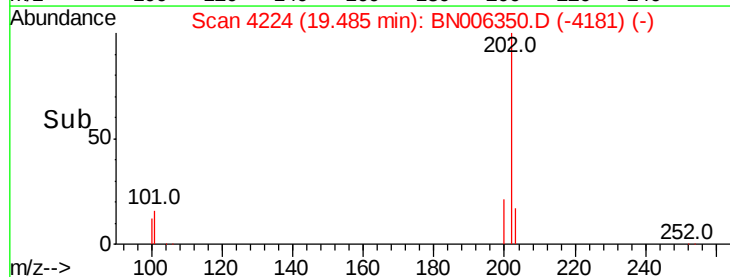
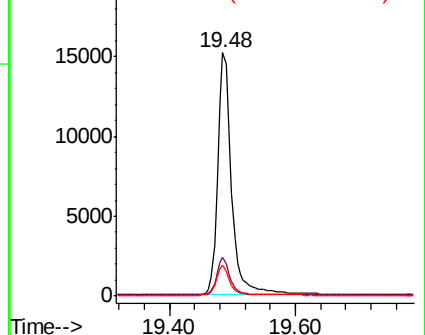
100 12.6 9.8 14.6

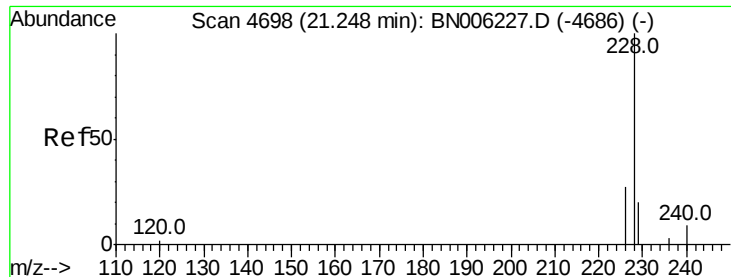


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

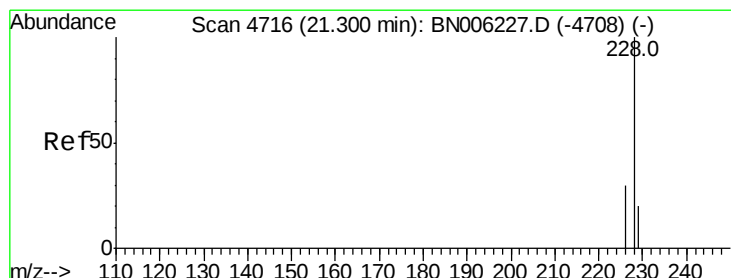
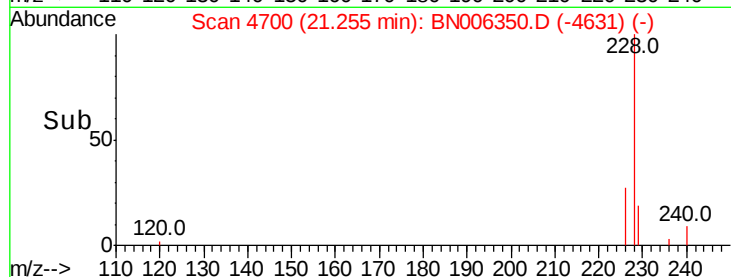
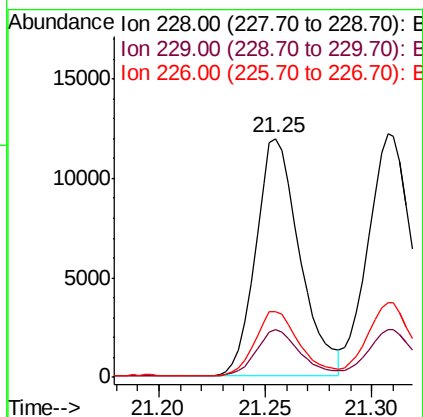
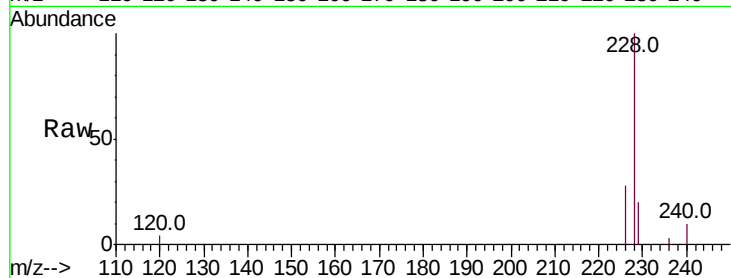




#18
Benzo(a)anthracene
Concen: 0.362 ng/ul
RT: 21.25 min Scan# 4700
Delta R.T. 0.00 min
Lab File: BN006350.D
Acq: 17 Jun 2019 16:25

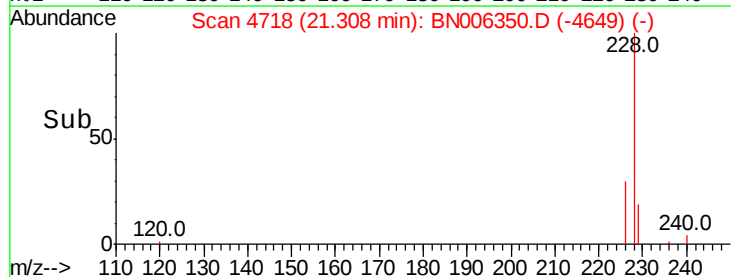
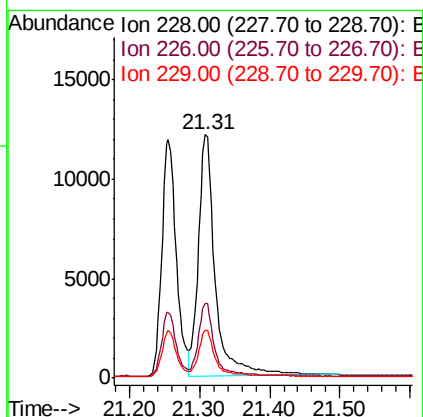
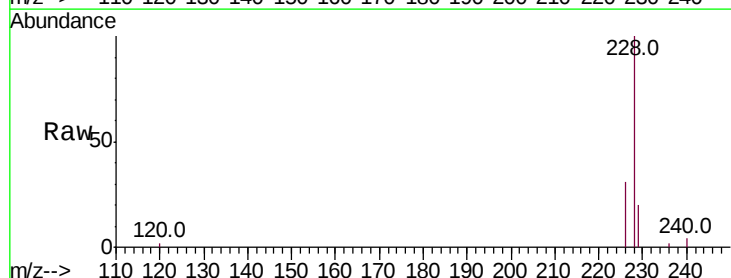
Instrument :
BNA_N
ClientSampleId :

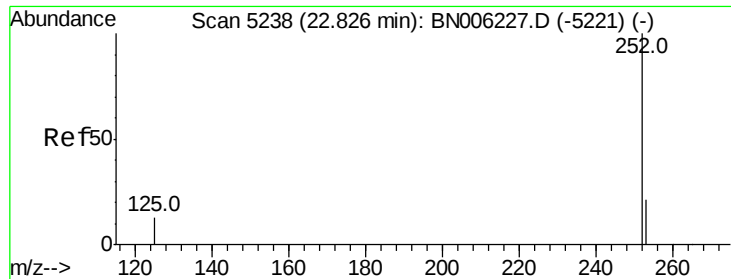
Tot Ion:228 Resp: 17165
Ion Ratio Lower Upper
228 100
229 19.8 16.5 24.7
226 27.7 22.8 34.2



#19
Chrysene
Concen: 0.458 ng/ul
RT: 21.31 min Scan# 4718
Delta R.T. 0.00 min
Lab File: BN006350.D
Acq: 17 Jun 2019 16:25

Tgt Ion:228 Resp: 20374
Ion Ratio Lower Upper
228 100
226 30.5 25.0 37.6
229 19.9 16.3 24.5





#21

Benzo(b)fluoranthene

Concen: 0.377 ng/u1

RT: 22.84 min Scan# 5243

Delta R.T. 0.00 min

Lab File: BN006350.D

Acq: 17 Jun 2019 16:25

Instrument :

BNA_N

ClientSampleId :

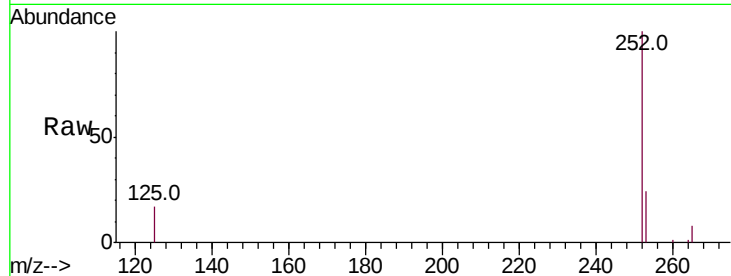
Tot Ion:252 Resp: 18154

Ion Ratio Lower Upper

252 100

253 24.2 0.0 51.4

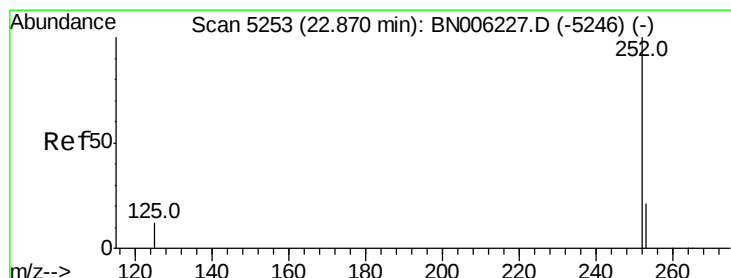
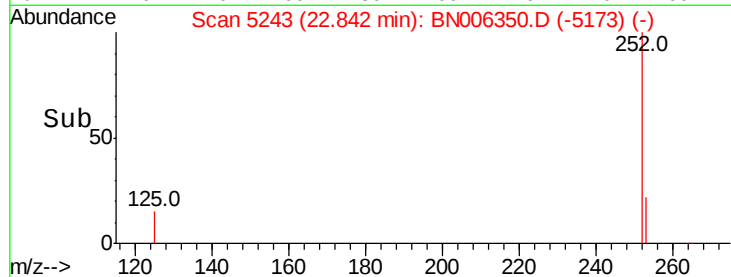
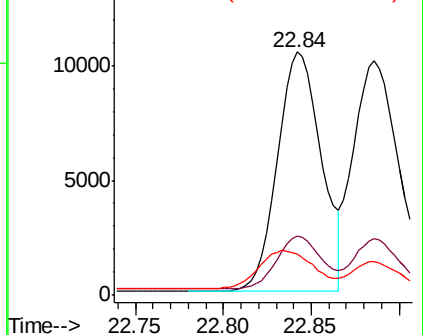
125 17.1 0.0 41.0



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: 0.420 ng/u1

RT: 22.89 min Scan# 5258

Delta R.T. 0.00 min

Lab File: BN006350.D

Acq: 17 Jun 2019 16:25

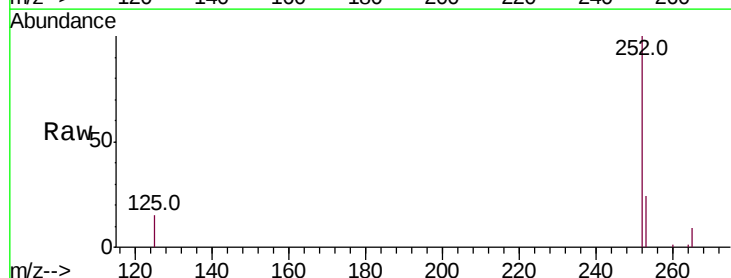
Tgt Ion:252 Resp: 19736

Ion Ratio Lower Upper

252 100

253 24.3 20.3 30.5

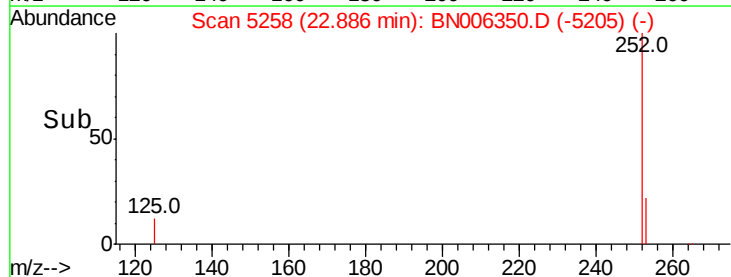
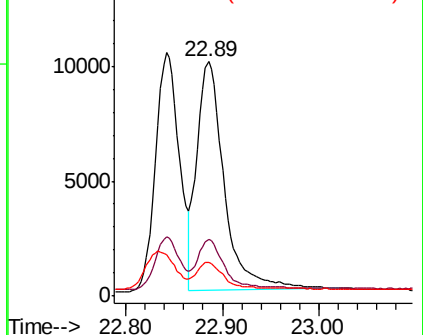
125 14.7 14.3 21.5

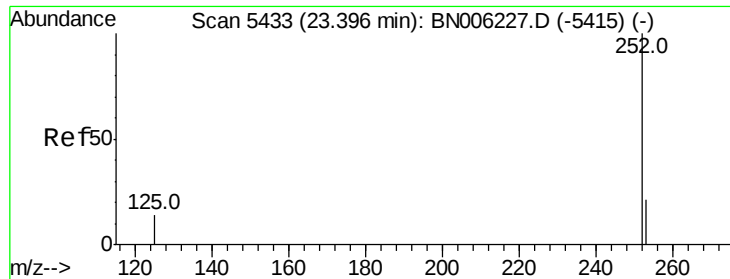


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.411 ng/ul

RT: 23.41 min Scan# 5439

Delta R.T. 0.00 min

Lab File: BN006350.D

Acq: 17 Jun 2019 16:25

Instrument :

BNA_N

ClientSampleId :

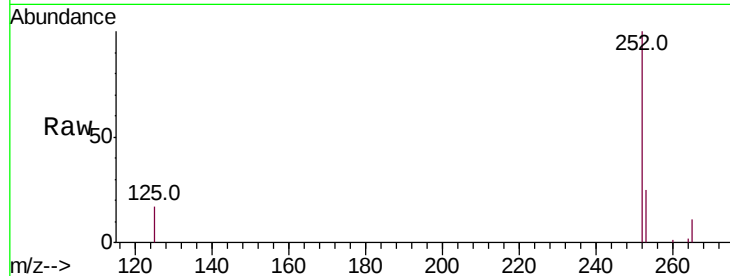
Tot Ion:252 Resp: 18441

Ion Ratio Lower Upper

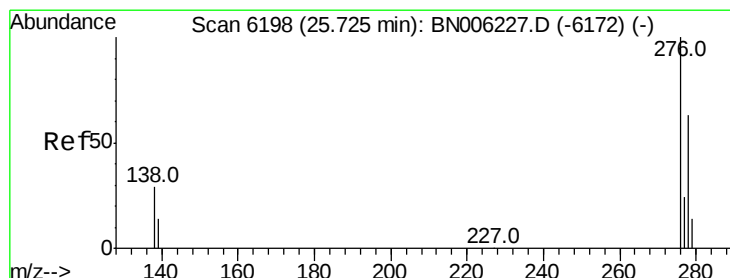
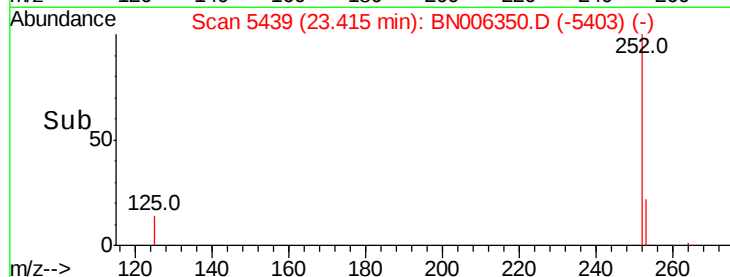
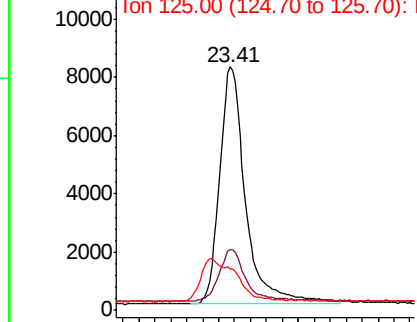
252 100

253 25.1 21.1 31.7

125 17.2 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: 0.426 ng/ul

RT: 25.76 min Scan# 6207

Delta R.T. 0.01 min

Lab File: BN006350.D

Acq: 17 Jun 2019 16:25

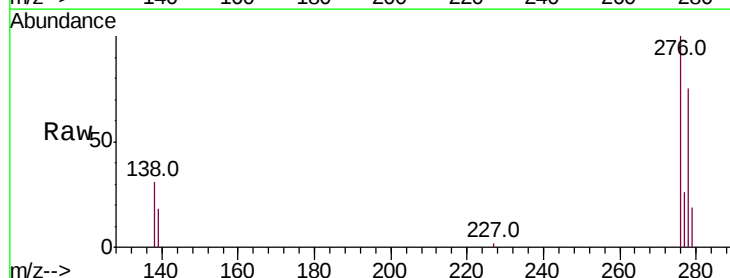
Tgt Ion:276 Resp: 20729

Ion Ratio Lower Upper

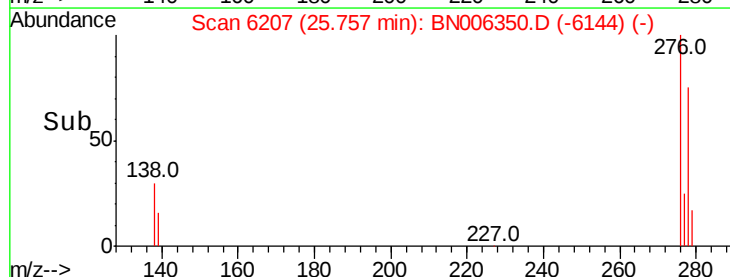
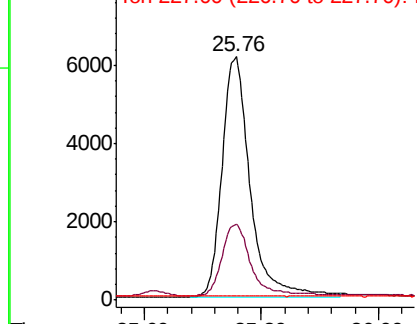
276 100

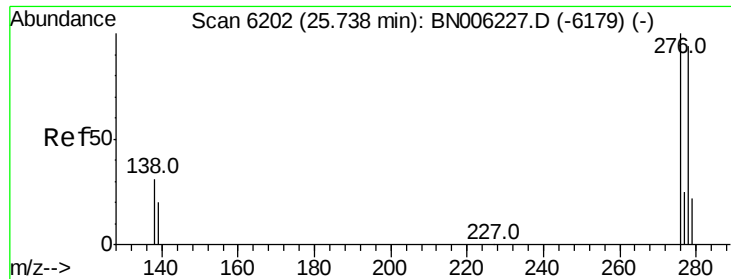
138 30.1 25.6 38.4

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

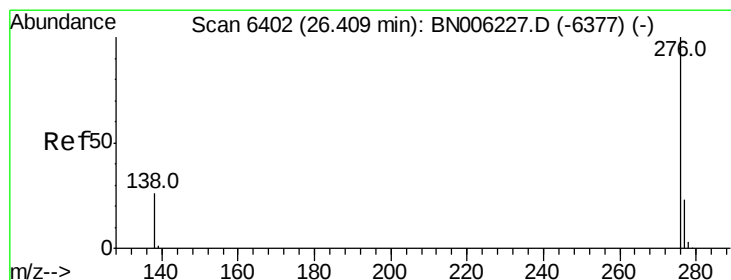
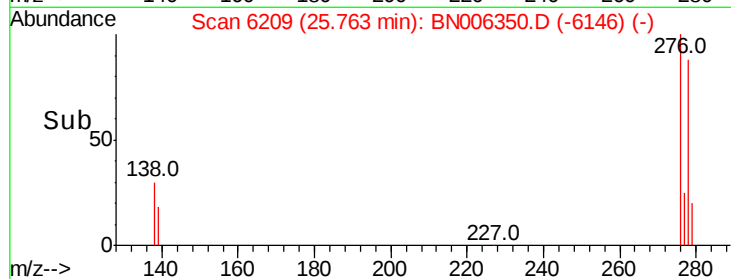
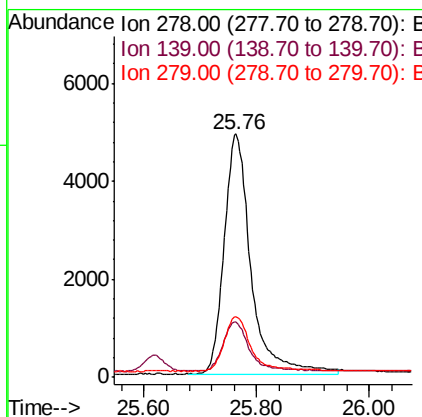
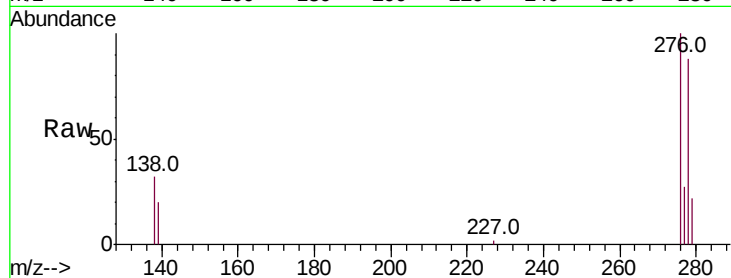




#25
Dibenzo(a,h)anthracene
Concen: 0.419 ng/ul
RT: 25.76 min Scan# 6209
Delta R.T. 0.01 min
Lab File: BN006350.D
Acq: 17 Jun 2019 16:25

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 16266
Ion Ratio Lower Upper
278 100
139 22.8 21.2 31.8
279 25.0 22.6 33.8



#26
Benzo(g,h,i)perylene
Concen: 0.441 ng/ul
RT: 26.43 min Scan# 6409
Delta R.T. 0.00 min
Lab File: BN006350.D
Acq: 17 Jun 2019 16:25

Tgt Ion:276 Resp: 17938
Ion Ratio Lower Upper
276 100
138 28.6 24.2 36.4
277 24.8 21.5 32.3

