

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080719\
 Data File : BN007004.D
 Acq On : 08 Aug 2019 01:45
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 08 02:41:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN080719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 17:30:08 2019
 Response via : Initial Calibration

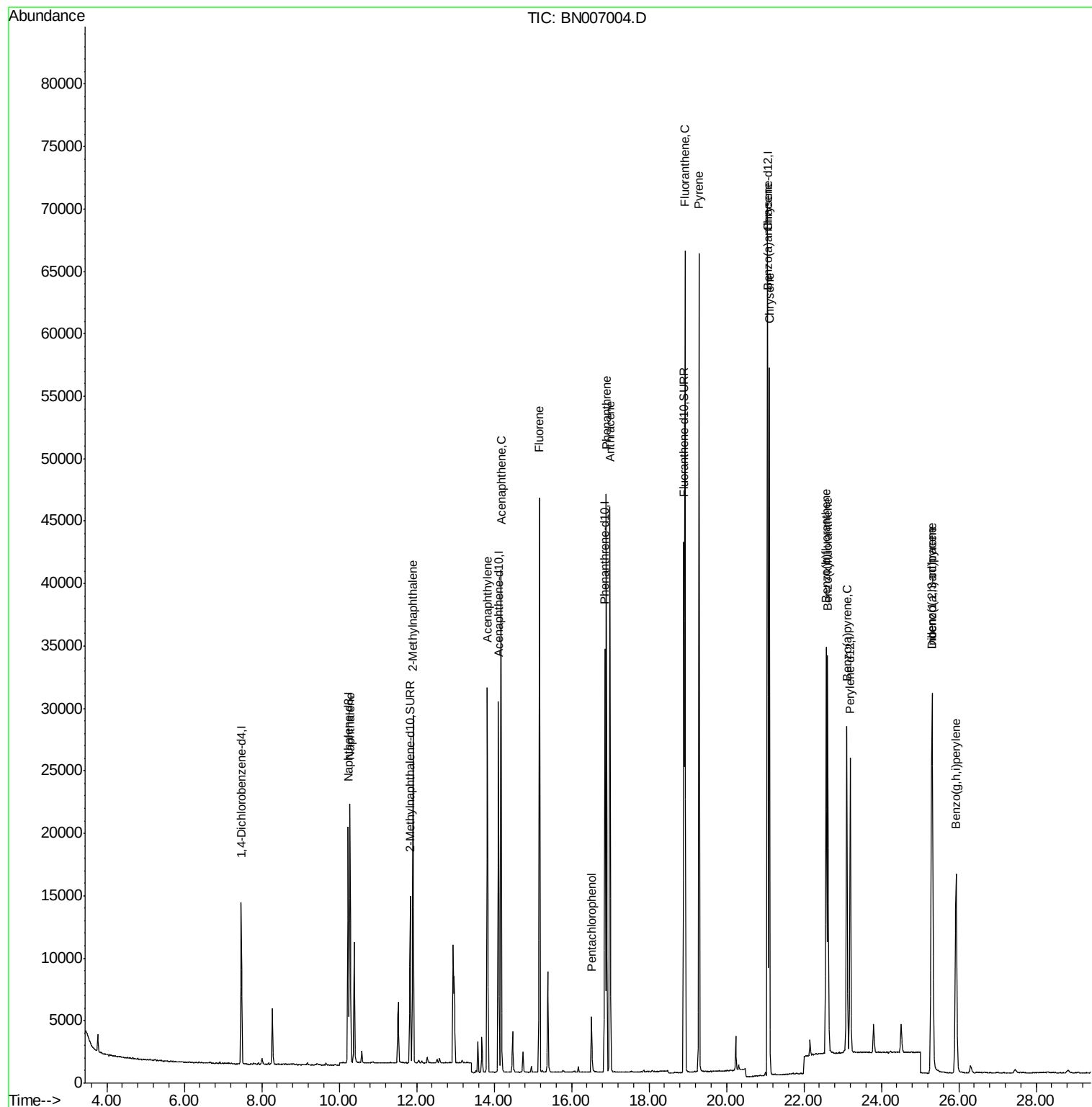
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	6452	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	25142	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	16036	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	39859	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	31480	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	26292	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	17275	0.39	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	46863	0.36	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.28	128	26980	0.373	ng/ul	97
5) 2-Methylnaphthalene	11.91	142	20515	0.378	ng/ul	100
7) Acenaphthylene	13.82	152	34081	0.367	ng/ul	99
8) Acenaphthene	14.18	153	23656	0.372	ng/ul	99
9) Fluorene	15.17	166	28466	0.369	ng/ul	99
11) Pentachlorophenol	16.52	266	3288	0.299	ng/ul#	84
12) Phenanthrene	16.90	178	47465	0.374	ng/ul	100
13) Anthracene	16.99	178	46707	0.359	ng/ul	99
15) Fluoranthene	18.93	202	56164	0.356	ng/ul	100
17) Pyrene	19.29	202	57085	0.406	ng/ul	98
18) Benzo(a)anthracene	21.06	228	50829	0.368	ng/ul	99
19) Chrysene	21.11	228	47671	0.368	ng/ul	100
21) Benzo(b)fluoranthene	22.57	252	40368	0.379	ng/ul	99
22) Benzo(k)fluoranthene	22.62	252	39306	0.380	ng/ul	99
23) Benzo(a)pyrene	23.11	252	35958	0.358	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.30	276	37027	0.342	ng/ul	99
25) Dibenzo(a,h)anthracene	25.31	278	30239	0.350	ng/ul	99
26) Benzo(g,h,i)perylene	25.93	276	30950	0.341	ng/ul	98

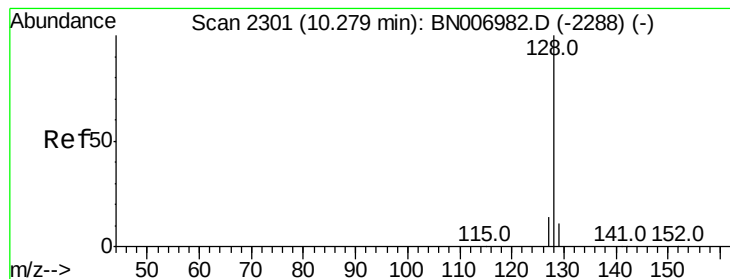
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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#3

Naphthalene

Concen: 0.373 ng/ul

RT: 10.28 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BN007004.D

Acq: 08 Aug 2019 01:45

Instrument :

BNA_N

ClientSampleId :

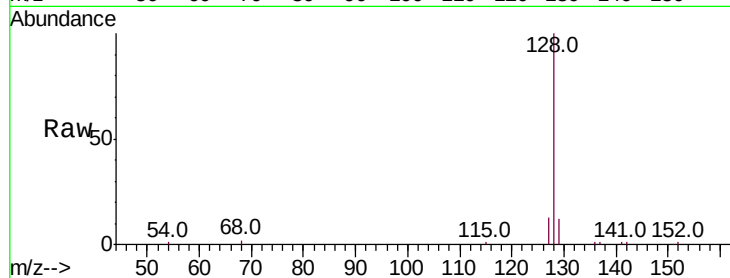
Tot Ion:128 Resp: 26980

Ion Ratio Lower Upper

128 100

129 11.6 10.0 15.0

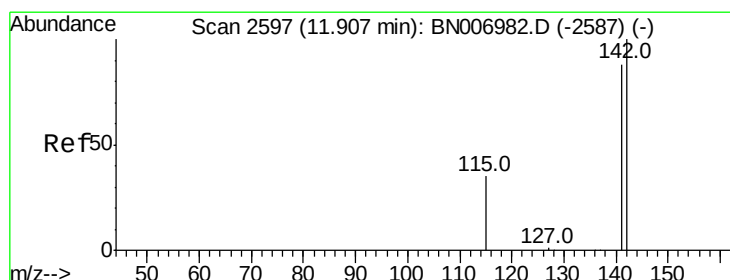
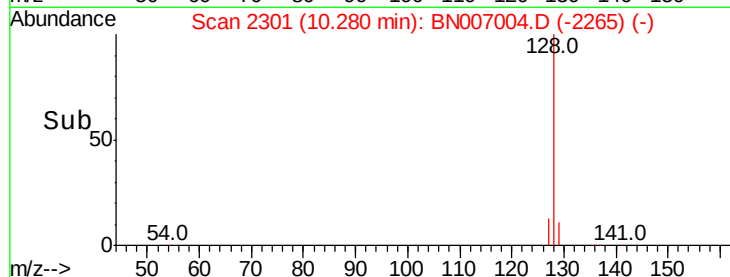
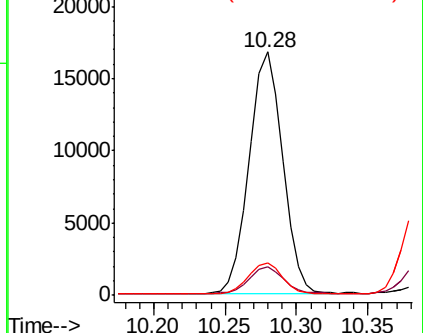
127 13.4 11.7 17.5



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: 0.378 ng/ul

RT: 11.91 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BN007004.D

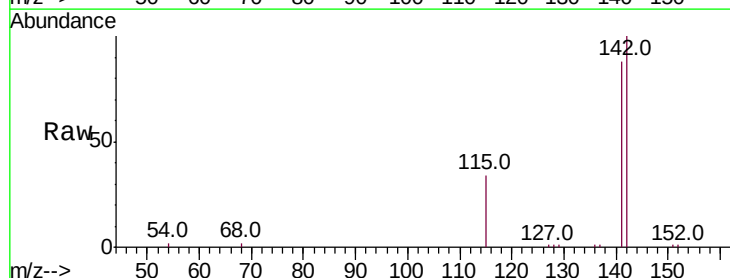
Acq: 08 Aug 2019 01:45

Tgt Ion:142 Resp: 20515

Ion Ratio Lower Upper

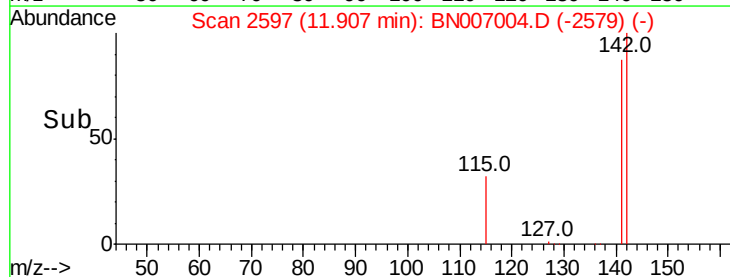
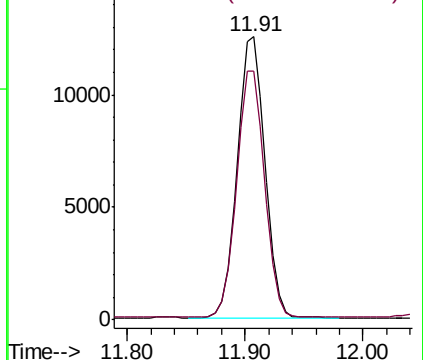
142 100

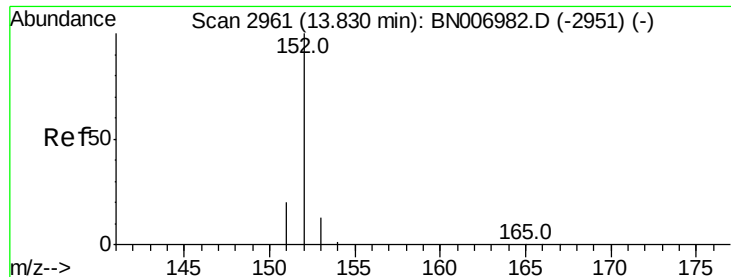
141 89.1 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.367 ng/ul

RT: 13.82 min Scan# 2960

Delta R.T. -0.00 min

Lab File: BN007004.D

Acq: 08 Aug 2019 01:45

Instrument :

BNA_N

ClientSampleId :

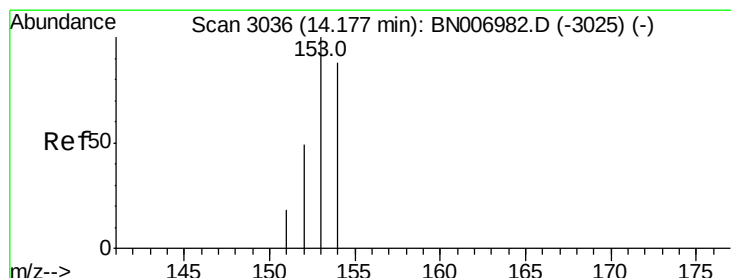
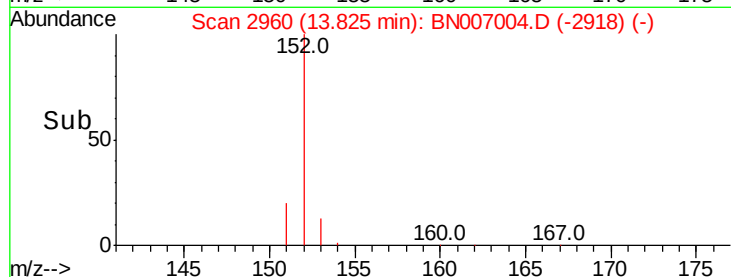
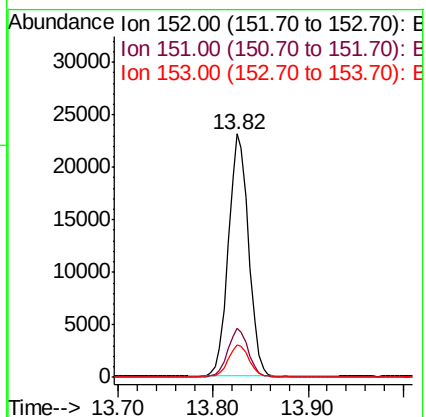
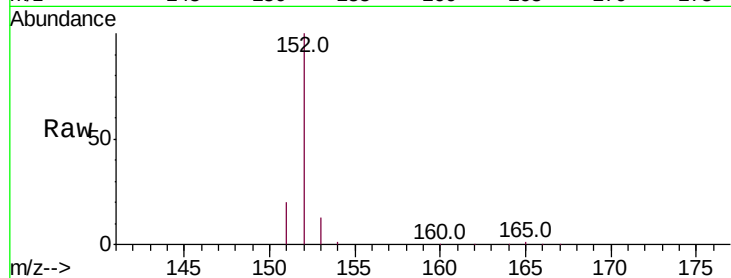
Tot Ion:152 Resp: 34081

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 13.2 11.0 16.4



#8

Acenaphthene

Concen: 0.372 ng/ul

RT: 14.18 min Scan# 3036

Delta R.T. 0.00 min

Lab File: BN007004.D

Acq: 08 Aug 2019 01:45

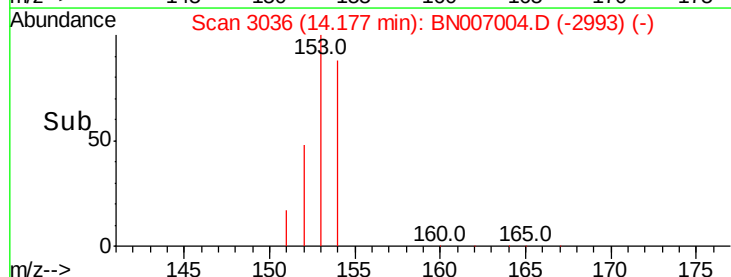
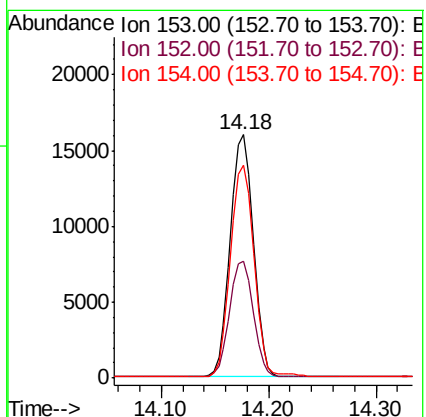
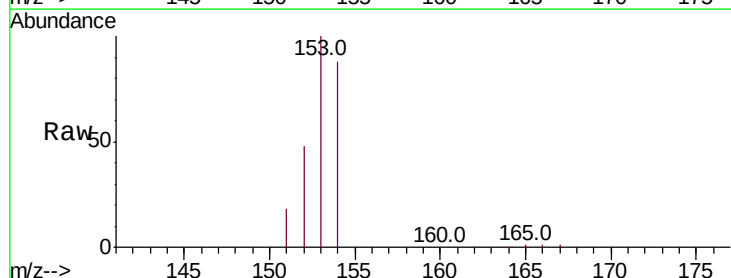
Tgt Ion:153 Resp: 23656

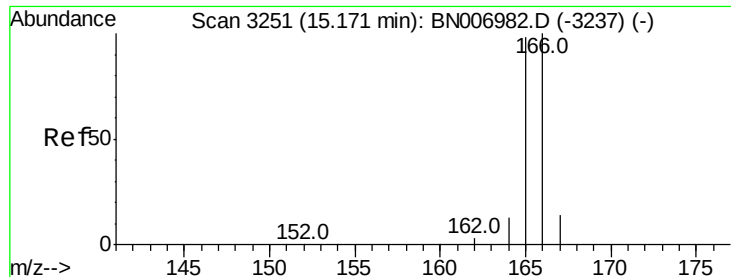
Ion Ratio Lower Upper

153 100

152 47.9 39.4 59.2

154 87.6 70.1 105.1

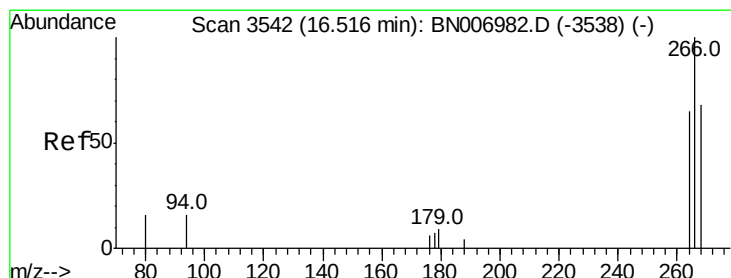
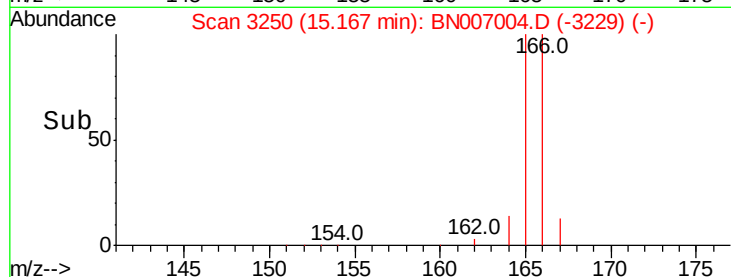
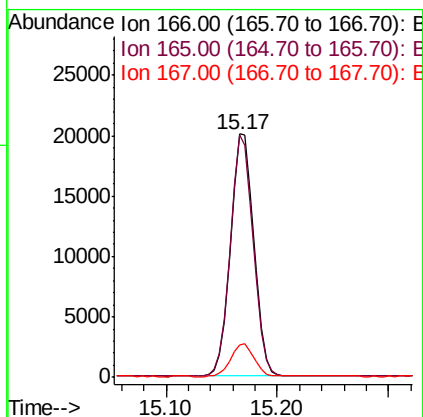
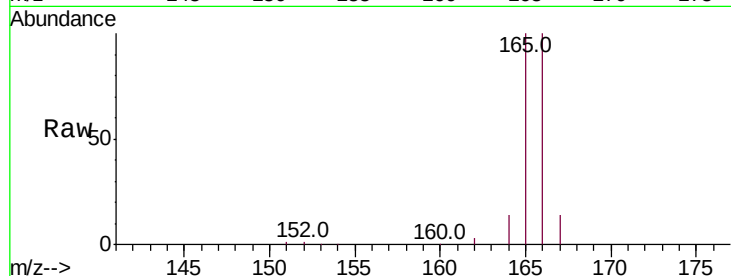




#9
Fluorene
 Concen: 0.369 ng/ul
 RT: 15.17 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: BN007004.D
 Acq: 08 Aug 2019 01:45

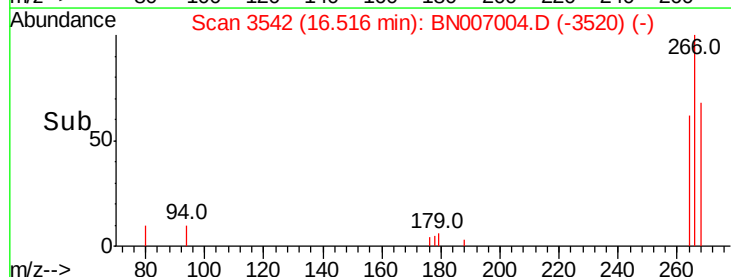
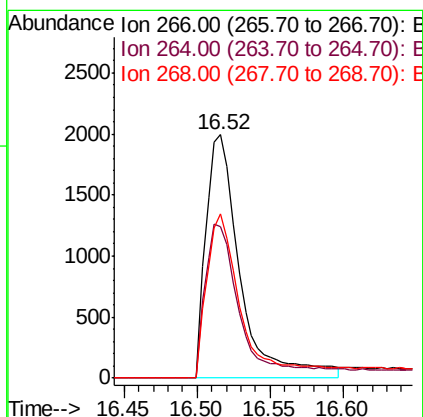
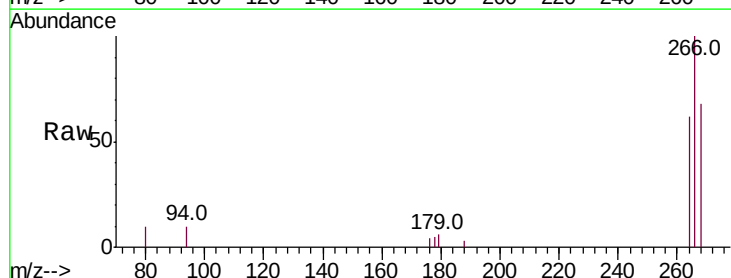
Instrument :
 BNA_N
 ClientSampleId :

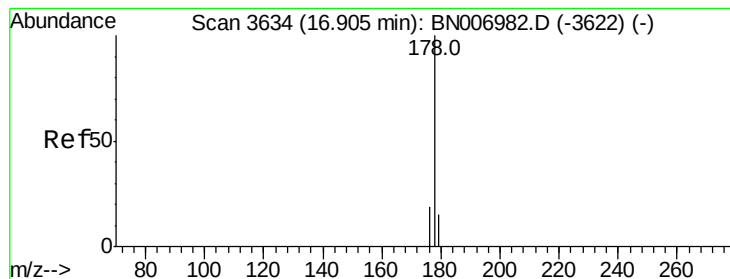
Tot Ion:166 Resp: 28466
 Ion Ratio Lower Upper
 166 100
 165 99.7 78.8 118.2
 167 13.5 11.3 16.9



#11
Pentachlorophenol
 Concen: 0.299 ng/ul
 RT: 16.52 min Scan# 3542
 Delta R.T. 0.00 min
 Lab File: BN007004.D
 Acq: 08 Aug 2019 01:45

Tgt Ion:266 Resp: 3288
 Ion Ratio Lower Upper
 266 100
 264 66.2 55.7 83.5
 268 69.8 75.2 112.8#





#12

Phenanthrene

Concen: 0.374 ng/ul

RT: 16.90 min Scan# 3633

Delta R.T. -0.00 min

Lab File: BN007004.D

Acq: 08 Aug 2019 01:45

Instrument :

BNA_N

ClientSampleId :

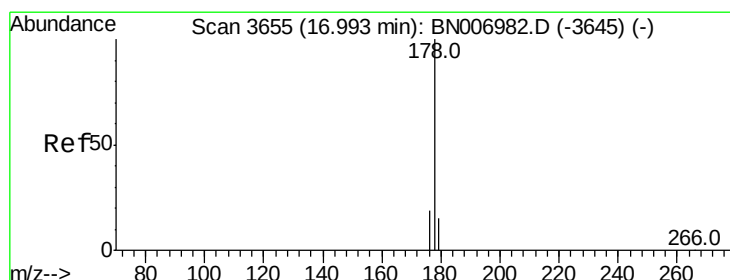
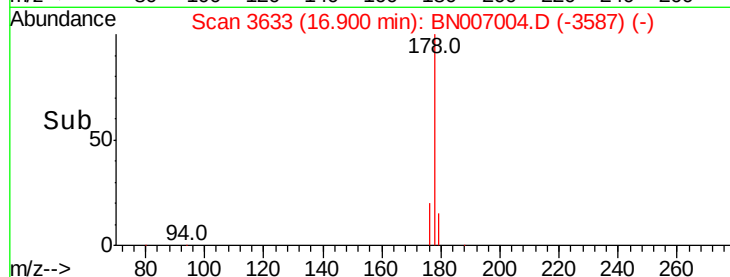
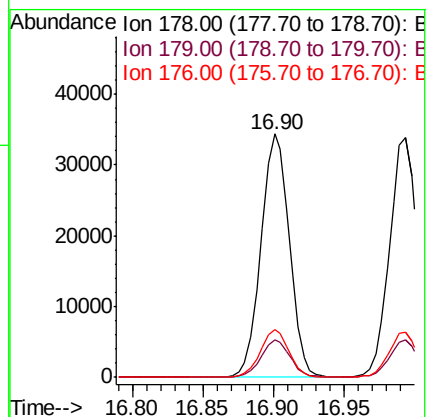
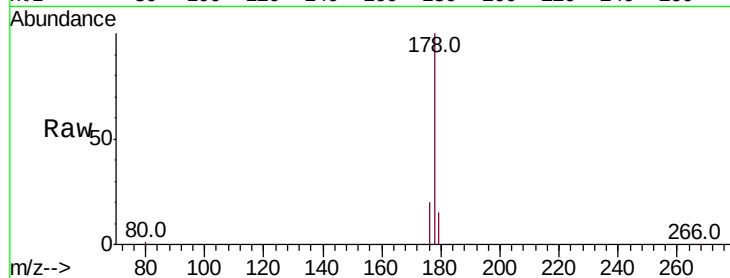
Tot Ion:178 Resp: 47465

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 19.8 15.6 23.4



#13

Anthracene

Concen: 0.359 ng/ul

RT: 16.99 min Scan# 3655

Delta R.T. 0.00 min

Lab File: BN007004.D

Acq: 08 Aug 2019 01:45

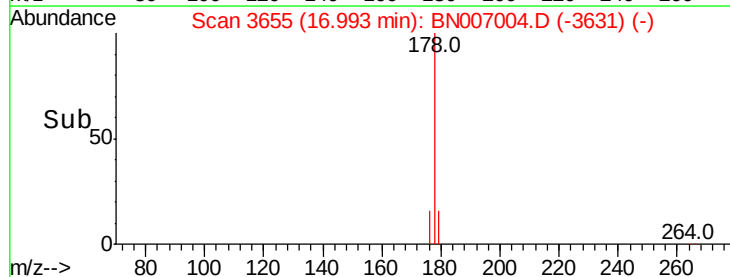
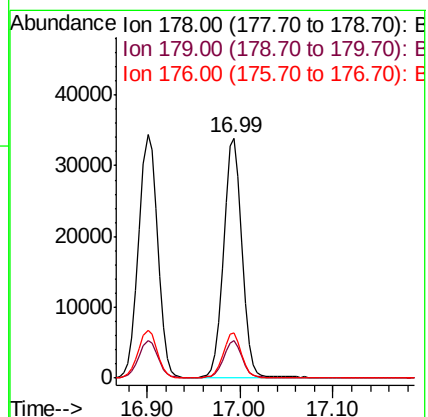
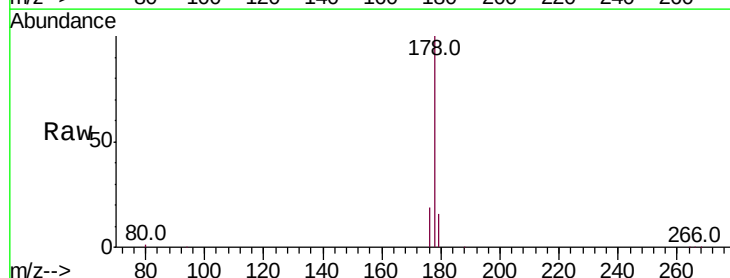
Tgt Ion:178 Resp: 46707

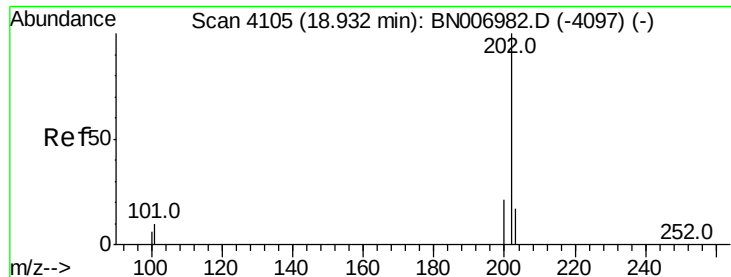
Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

176 18.6 15.4 23.0





#15

Fluoranthene

Concen: 0.356 ng/ul

RT: 18.93 min Scan# 4104

Delta R.T. -0.00 min

Lab File: BN007004.D

Acq: 08 Aug 2019 01:45

Instrument :

BNA_N

ClientSampleId :

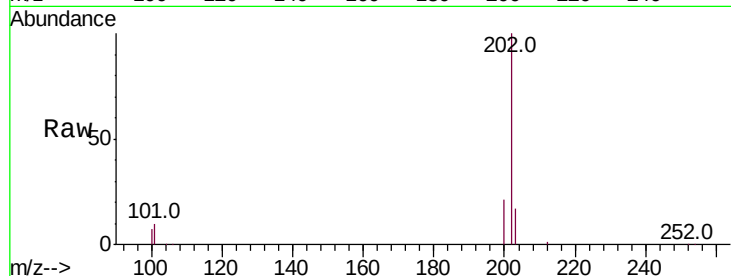
Tot Ion:202 Resp: 56164

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.0

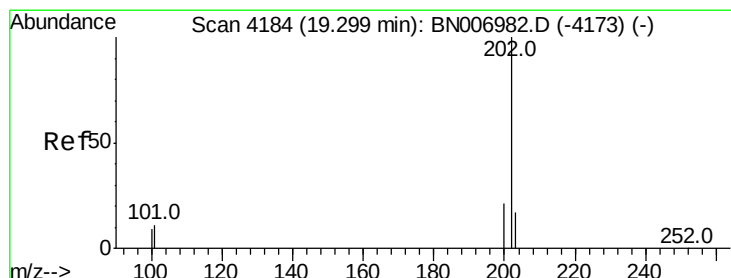
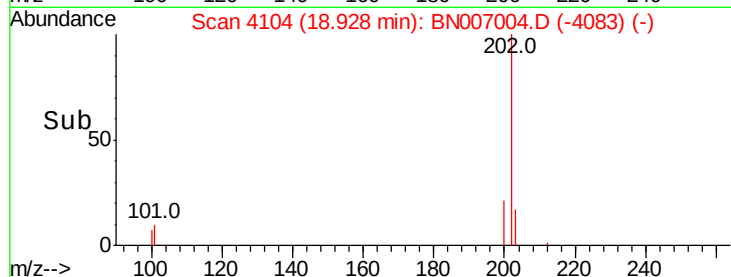
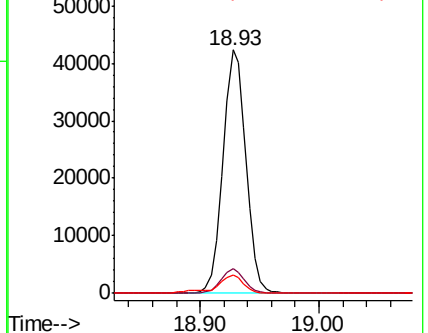
100 7.4 0.0 27.7



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: 0.406 ng/ul

RT: 19.29 min Scan# 4183

Delta R.T. -0.00 min

Lab File: BN007004.D

Acq: 08 Aug 2019 01:45

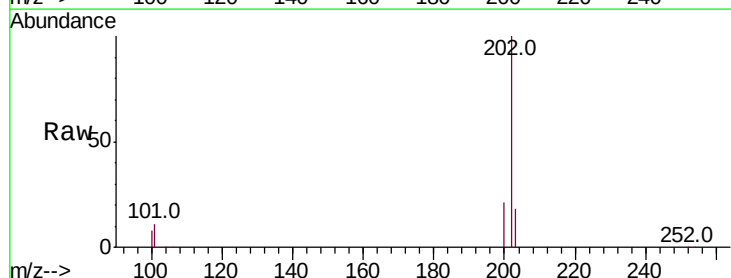
Tgt Ion:202 Resp: 57085

Ion Ratio Lower Upper

202 100

101 10.7 9.3 13.9

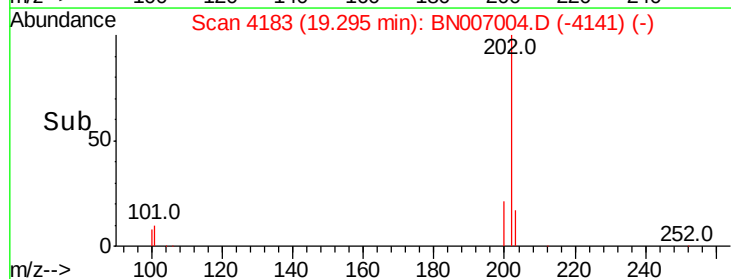
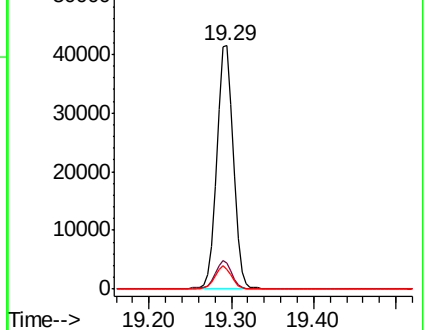
100 8.2 7.3 10.9

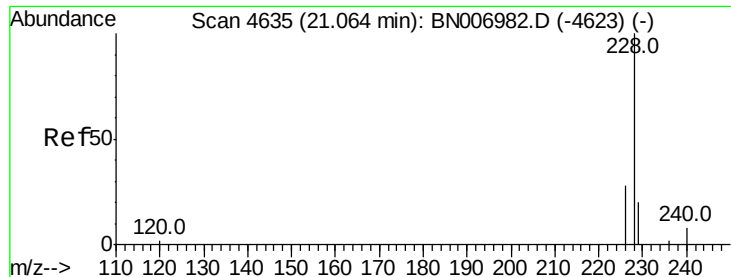


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.368 ng/ul

RT: 21.06 min Scan# 4633

Delta R.T. -0.01 min

Lab File: BN007004.D

Acq: 08 Aug 2019 01:45

Instrument :

BNA_N

ClientSampled :

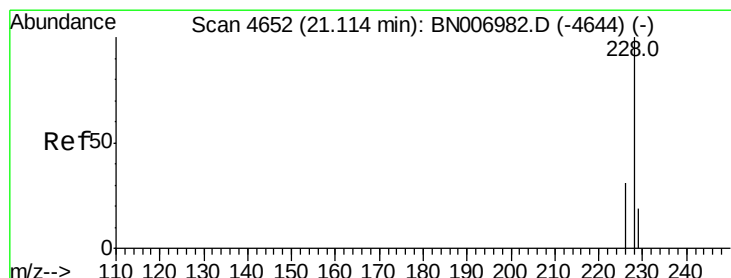
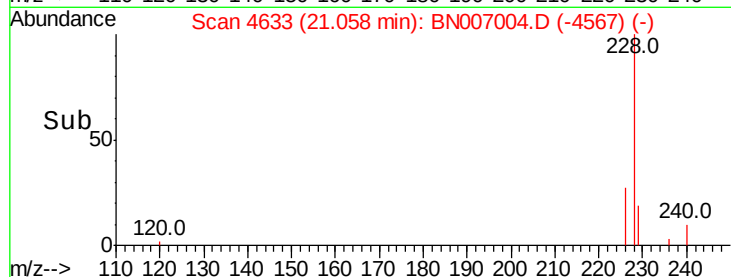
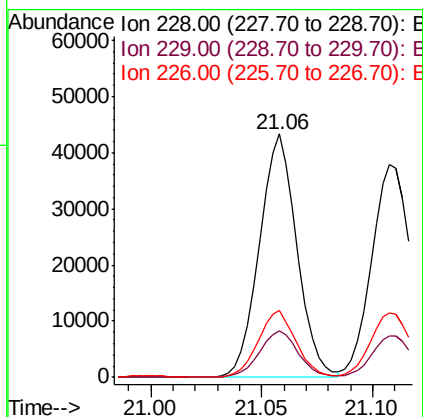
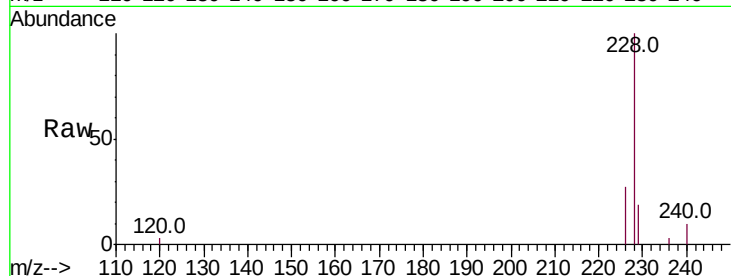
Tot Ion:228 Resp: 50829

Ion Ratio Lower Upper

228 100

229 19.3 15.9 23.9

226 27.4 22.2 33.4



#19

Chrysene

Concen: 0.368 ng/ul

RT: 21.11 min Scan# 4650

Delta R.T. -0.01 min

Lab File: BN007004.D

Acq: 08 Aug 2019 01:45

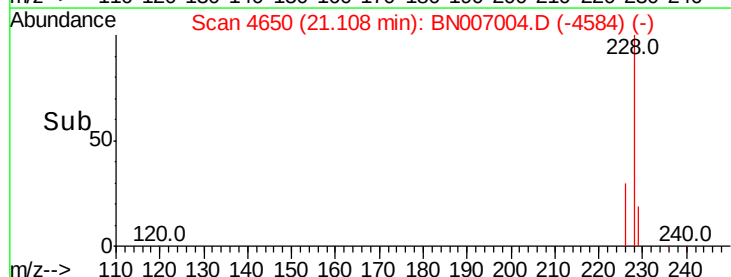
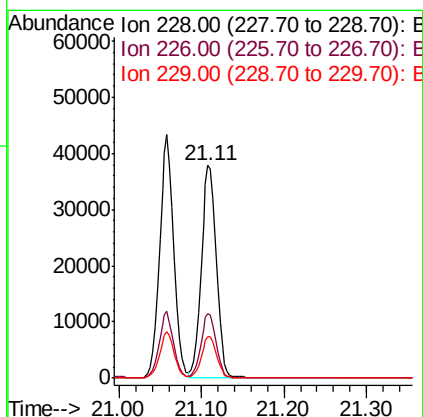
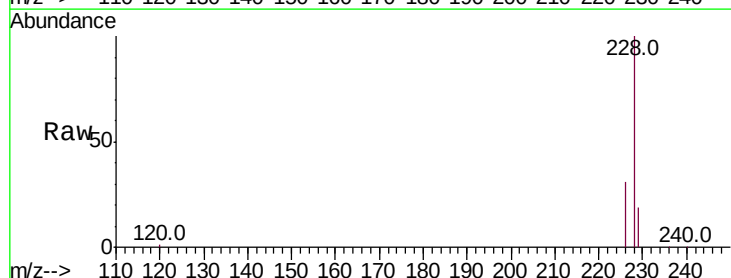
Tgt Ion:228 Resp: 47671

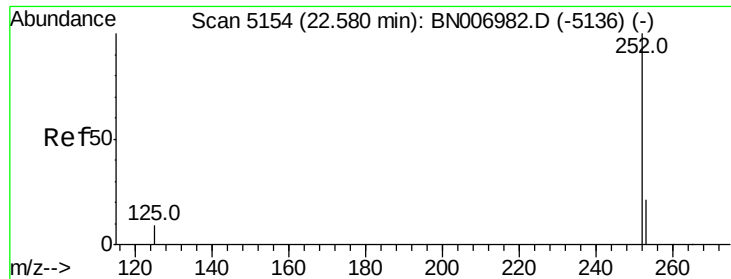
Ion Ratio Lower Upper

228 100

226 30.6 24.7 37.1

229 19.5 15.5 23.3

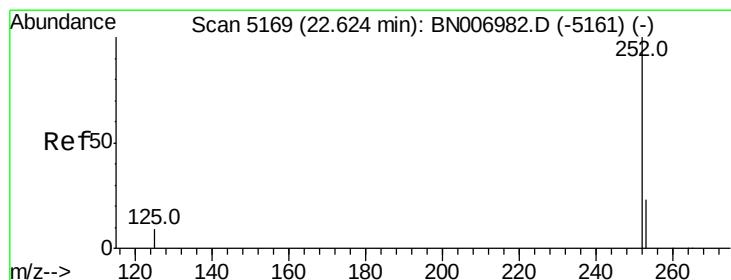
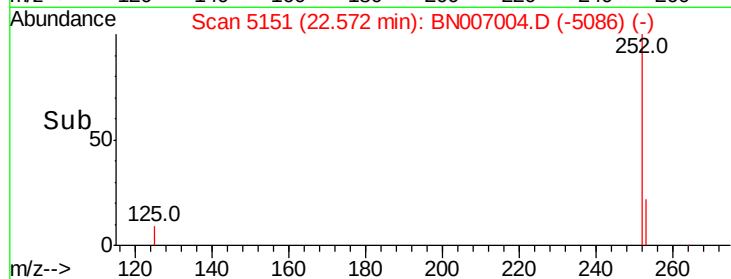
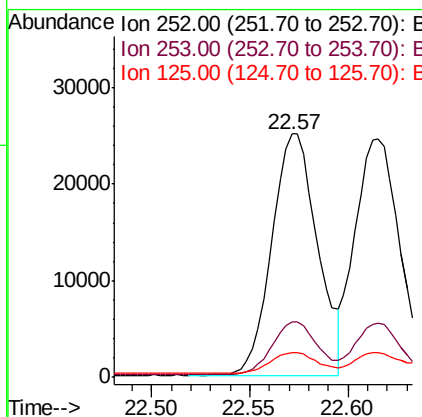
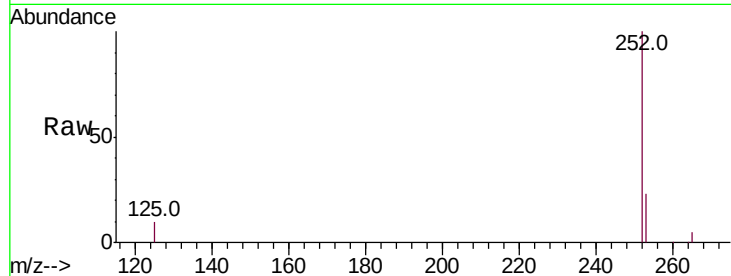




#21
Benzo(b)fluoranthene
Concen: 0.379 ng/ul
RT: 22.57 min Scan# 5151
Delta R.T. -0.01 min
Lab File: BN007004.D
Acq: 08 Aug 2019 01:45

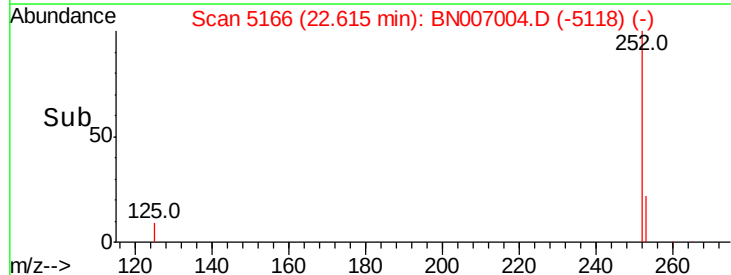
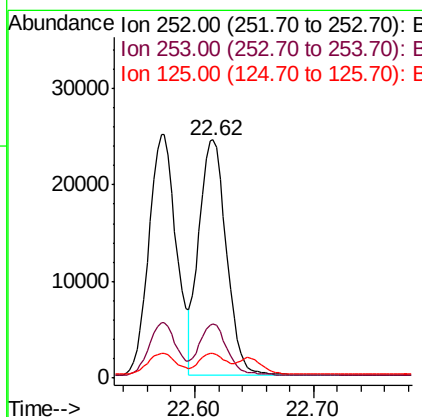
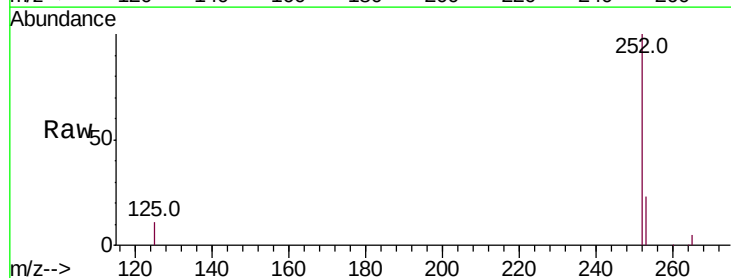
Instrument :
BNA_N
ClientSampleId :

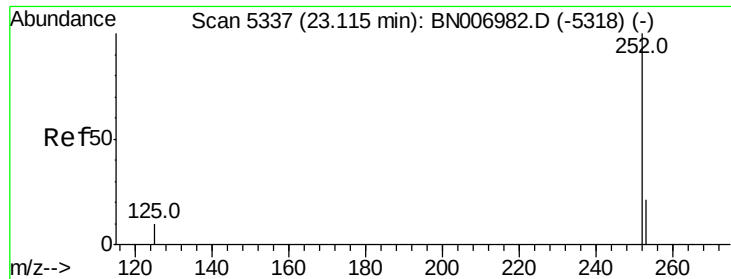
Tot Ion:252 Resp: 40368
Ion Ratio Lower Upper
252 100
253 22.5 0.0 45.2
125 10.4 0.0 22.2



#22
Benzo(k)fluoranthene
Concen: 0.380 ng/ul
RT: 22.62 min Scan# 5166
Delta R.T. -0.01 min
Lab File: BN007004.D
Acq: 08 Aug 2019 01:45

Tgt Ion:252 Resp: 39306
Ion Ratio Lower Upper
252 100
253 22.7 18.6 28.0
125 10.5 8.7 13.1





#23

Benzo(a)pyrene

Concen: 0.358 ng/ul

RT: 23.11 min Scan# 5334

Delta R.T. -0.01 min

Lab File: BN007004.D

Acq: 08 Aug 2019 01:45

Instrument :

BNA_N

ClientSampleId :

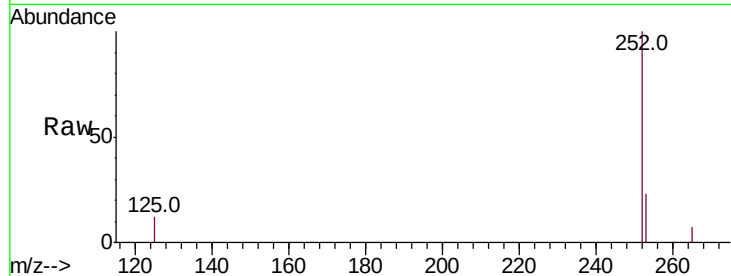
Tot Ion:252 Resp: 35958

Ion Ratio Lower Upper

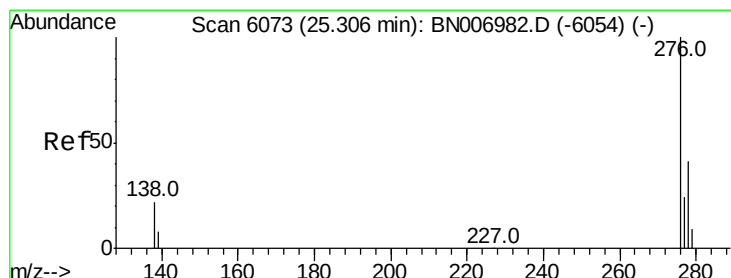
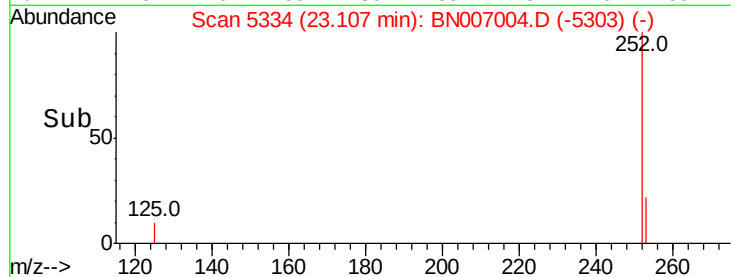
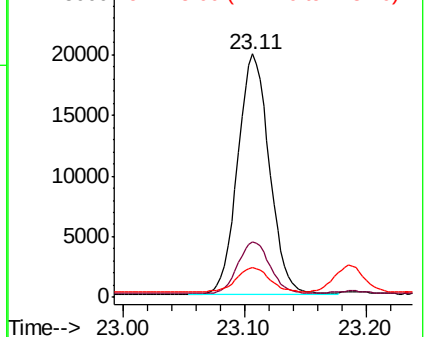
252 100

253 22.9 18.0 27.0

125 12.2 10.0 15.0



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: 0.342 ng/ul

RT: 25.30 min Scan# 6071

Delta R.T. -0.01 min

Lab File: BN007004.D

Acq: 08 Aug 2019 01:45

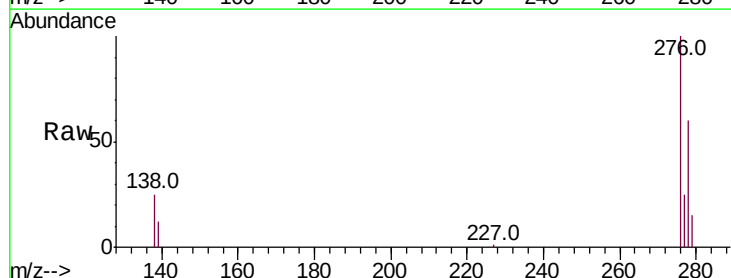
Tgt Ion:276 Resp: 37027

Ion Ratio Lower Upper

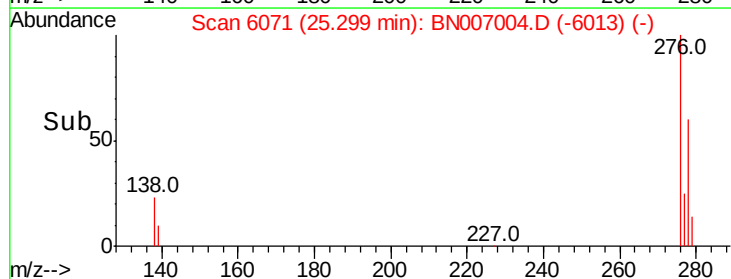
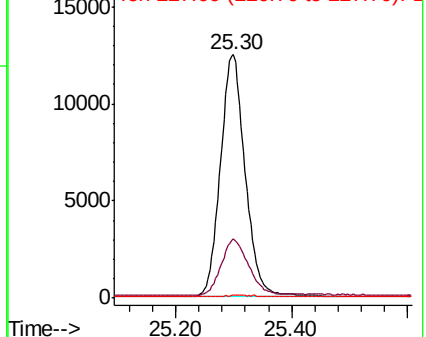
276 100

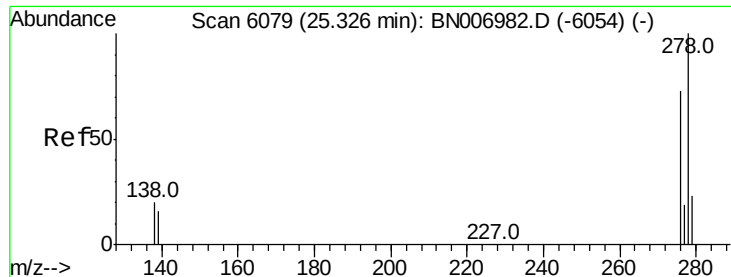
138 25.6 19.9 29.9

227 0.3 0.2 0.4



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



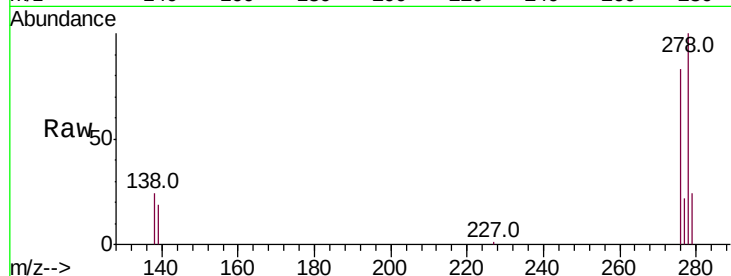


#25
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 25.31 min Scan# 6075
Delta R.T. -0.01 min
Lab File: BN007004.D
Acq: 08 Aug 2019 01:45

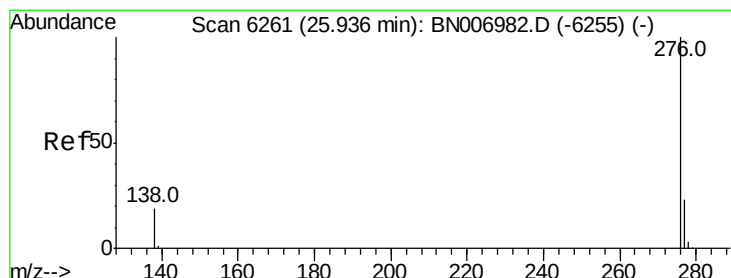
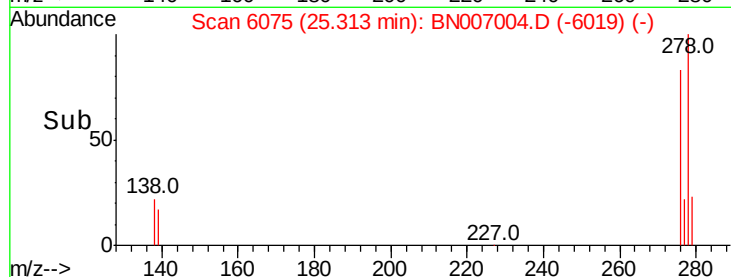
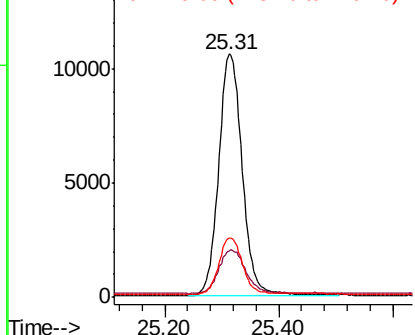
Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 30239

Ion	Ratio	Lower	Upper
278	100		
139	18.9	14.3	21.5
279	24.2	19.6	29.4



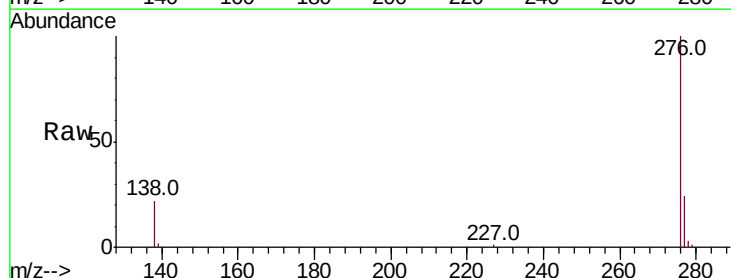
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.341 ng/ul
RT: 25.93 min Scan# 6259
Delta R.T. -0.01 min
Lab File: BN007004.D
Acq: 08 Aug 2019 01:45

Tgt Ion:276 Resp: 30950

Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.7	28.1
277	24.3	19.3	28.9



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

