

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080320\
 Data File : BN011351.D
 Acq On : 04 Aug 2020 03:14
 Operator : CG/JU
 Sample : L3419-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AG7

Quant Time: Aug 04 06:47:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 06:45:43 2020
 Response via : Initial Calibration

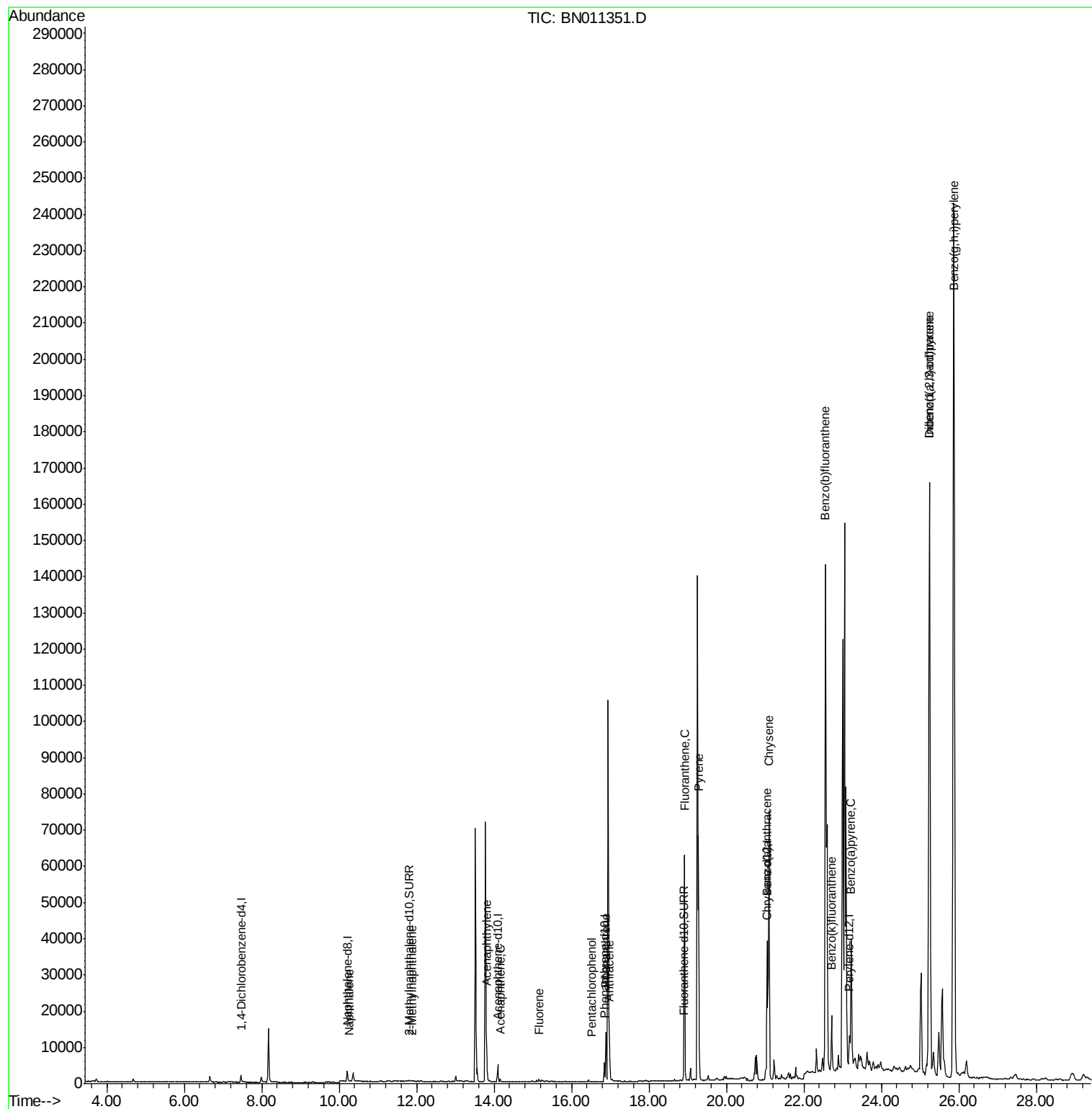
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1065	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	4193	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2611	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	6035	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	6810	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	8622	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	536	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1502	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.26	128	302	0.024	ng/ul#	52
5) 2-Methylnaphthalene	11.88	142	187	0.022	ng/ul	99
7) Acenaphthylene	13.81	152	9494	0.761	ng/ul	99
8) Acenaphthene	14.16	153	457	0.046	ng/ul	93
9) Fluorene	15.15	166	593	0.051	ng/ul#	96
11) Pentachlorophenol	16.52	266	31	0.021	ng/ul	91
12) Phenanthrene	16.89	178	14196	0.710	ng/ul	100
13) Anthracene	16.98	178	8835	0.506	ng/ul	99
15) Fluoranthene	18.92	202	52681	2.137	ng/ul	99
17) Pyrene	19.28	202	55382	1.791	ng/ul	100
18) Benzo(a)anthracene	21.05	228	29739	1.137	ng/ul	94
19) Chrysene	21.10	228	77398	2.580	ng/ul	98
21) Benzo(b)fluoranthene	22.56	252	276183	7.675	ng/ul	94
22) Benzo(k)fluoranthene	22.71	252	17696	0.439	ng/ul	95
23) Benzo(a)pyrene	23.22	252	30840	0.986	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.24	276	241809	7.353	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.24	278	52158	1.992	ng/ul	95
26) Benzo(g,h,i)perylene	25.87	276	434697	14.630	ng/ul	98

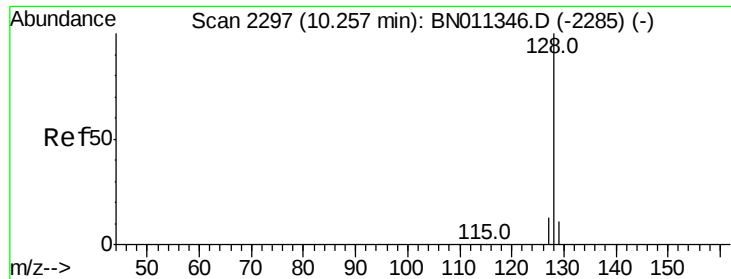
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.26 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Instrument :

BNA_N

ClientSampleId :

C0AG7

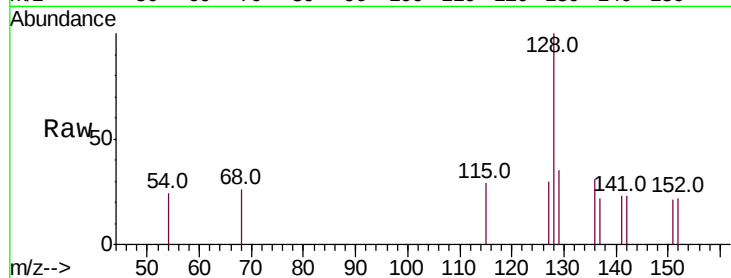
Tot Ion:128 Resp: 302

Ion Ratio Lower Upper

128 100

129 34.6 9.6 14.4#

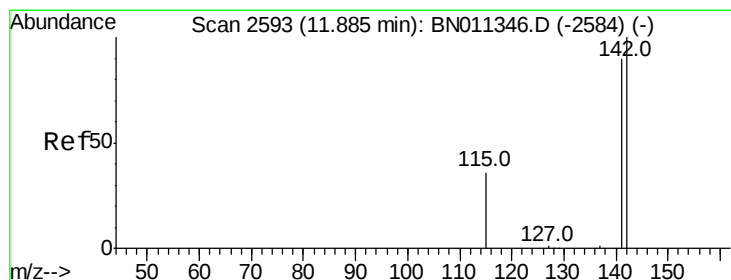
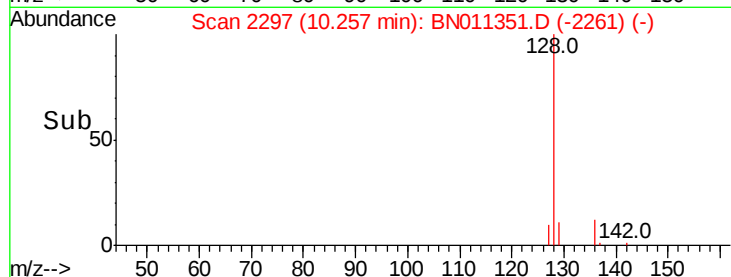
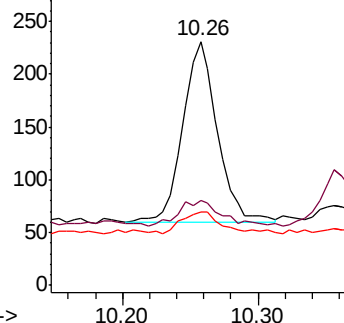
127 29.9 11.2 16.8#



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: 0.022 ng/ul

RT: 11.88 min Scan# 2592

Delta R.T. -0.01 min

Lab File: BN011351.D

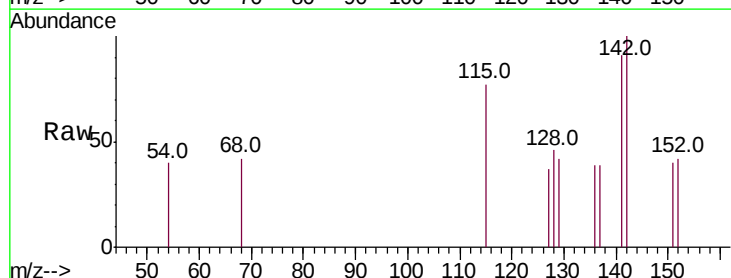
Acq: 04 Aug 2020 03:14

Tgt Ion:142 Resp: 187

Ion Ratio Lower Upper

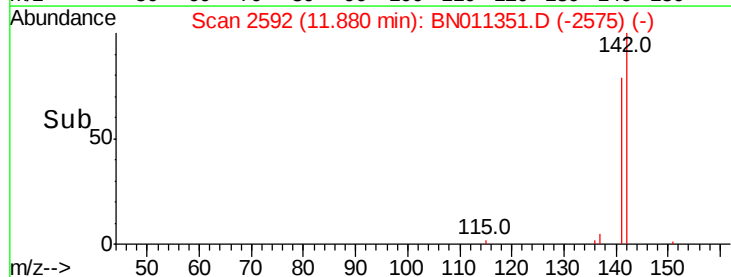
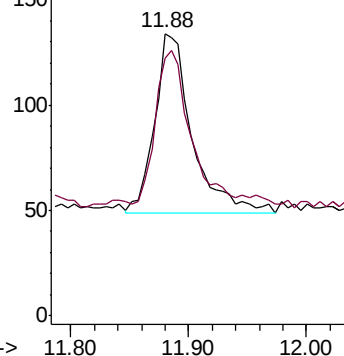
142 100

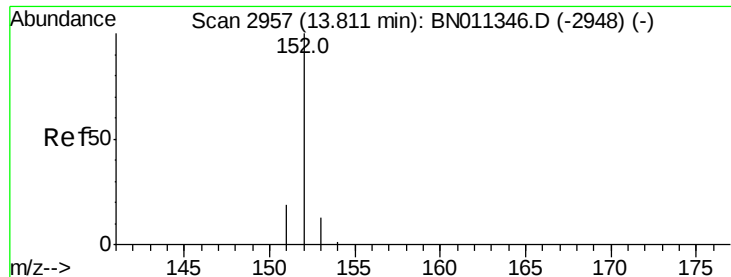
141 90.4 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.761 ng/ul

RT: 13.81 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Instrument :

BNA_N

ClientSampleId :

C0AG7

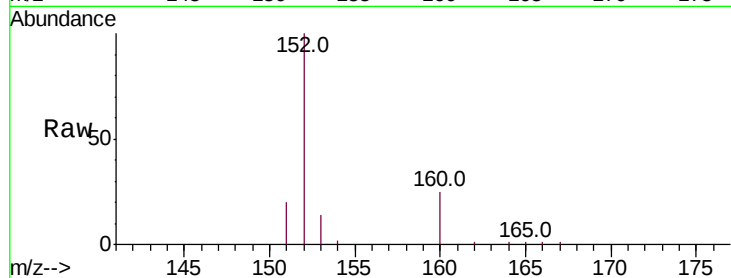
Tot Ion:152 Resp: 9494

Ion Ratio Lower Upper

152 100

151 20.4 17.1 25.7

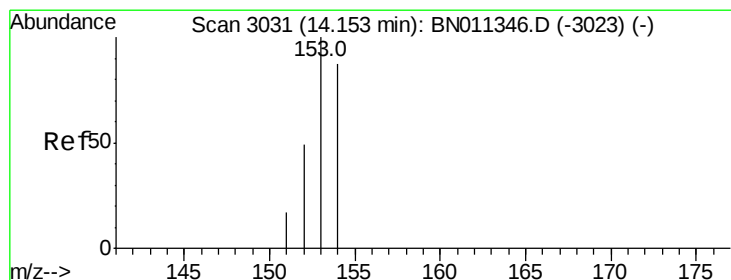
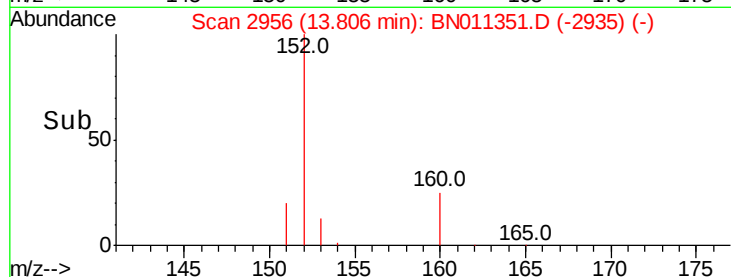
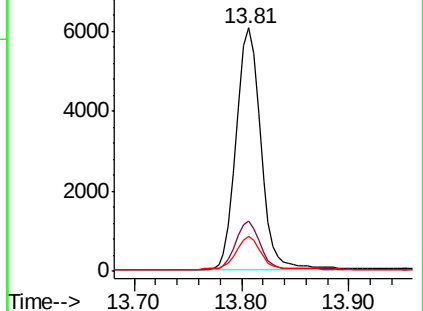
153 14.2 11.4 17.0



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: 0.046 ng/ul

RT: 14.16 min Scan# 3032

Delta R.T. 0.00 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

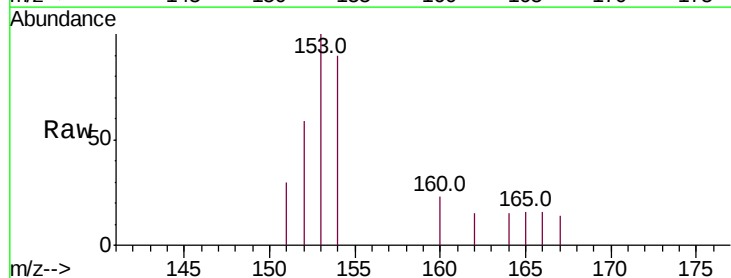
Tgt Ion:153 Resp: 457

Ion Ratio Lower Upper

153 100

152 59.0 40.5 60.7

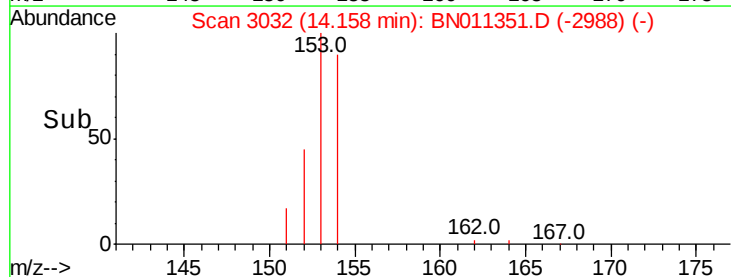
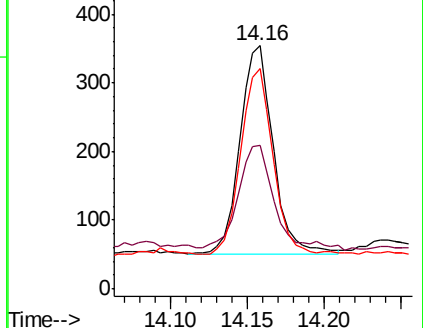
154 90.4 69.5 104.3

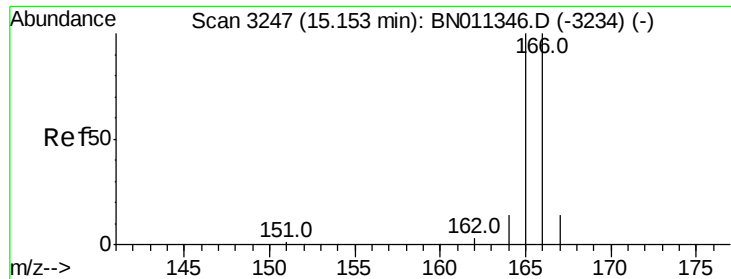


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.051 ng/ul

RT: 15.15 min Scan# 3247

Delta R.T. 0.00 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Instrument :

BNA_N

ClientSampleId :

C0AG7

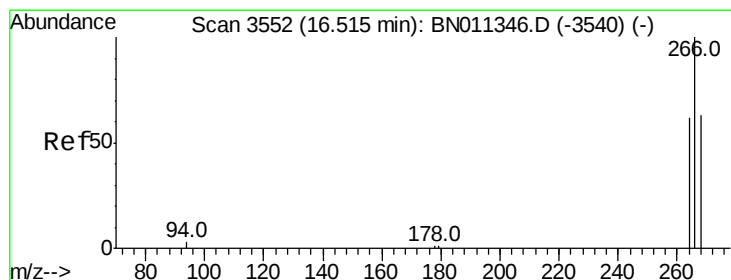
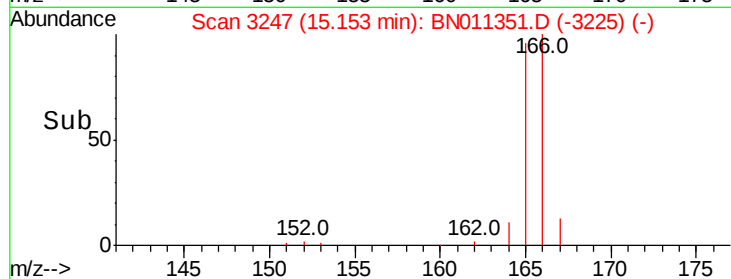
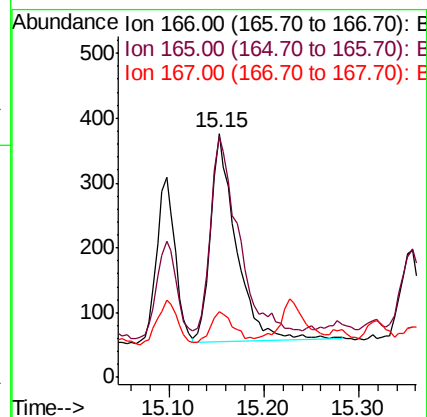
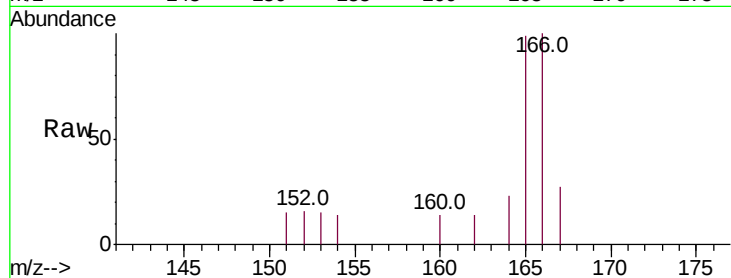
Tot Ion:166 Resp: 593

Ion Ratio Lower Upper

166 100

165 99.2 78.8 118.2

167 26.9 12.1 18.1#



#11

Pentachlorophenol

Concen: 0.021 ng/ul

RT: 16.52 min Scan# 3553

Delta R.T. 0.00 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

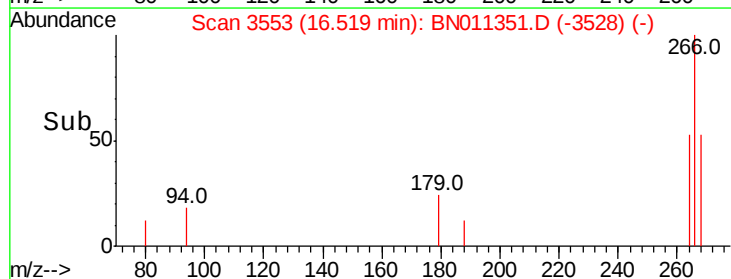
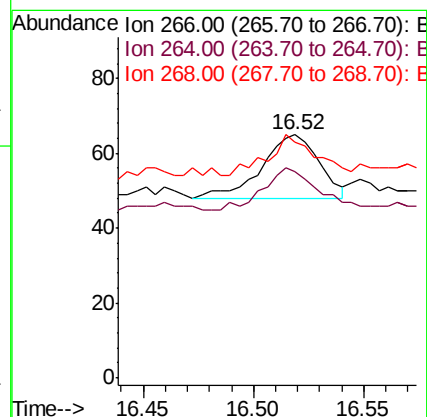
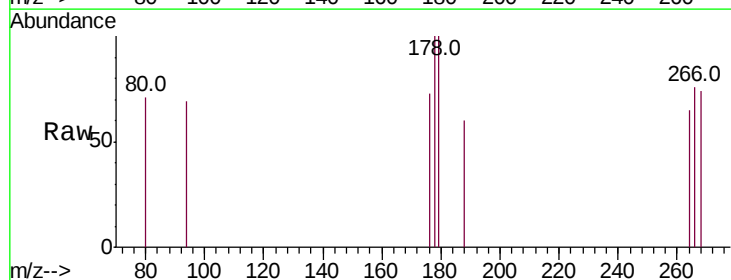
Tgt Ion:266 Resp: 31

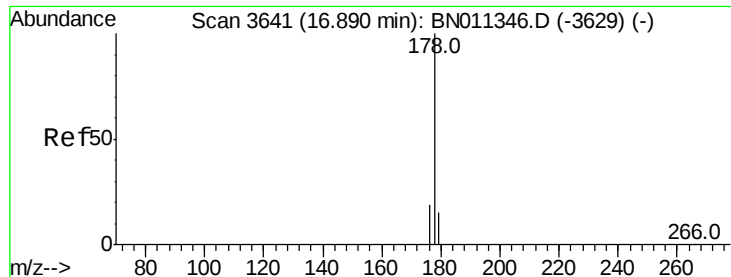
Ion Ratio Lower Upper

266 100

264 61.3 50.7 76.1

268 51.6 51.3 76.9





#12

Phenanthrene

Concen: 0.710 ng/ul

RT: 16.89 min Scan# 3640

Delta R.T. -0.00 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Instrument :

BNA_N

ClientSampleId :

C0AG7

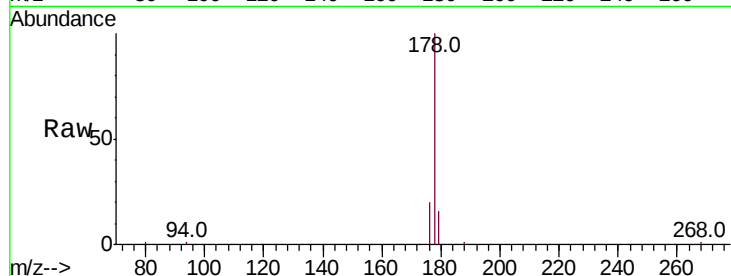
Tot Ion:178 Resp: 14196

Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

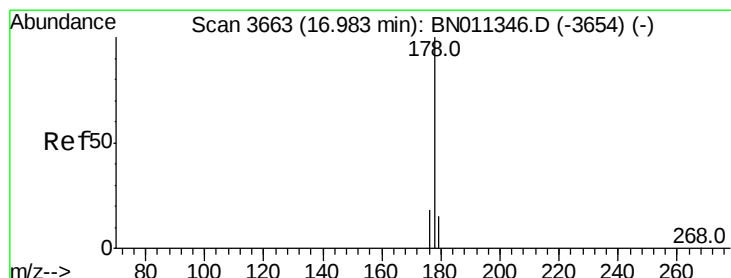
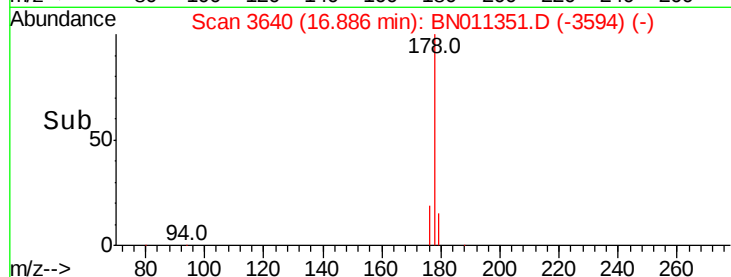
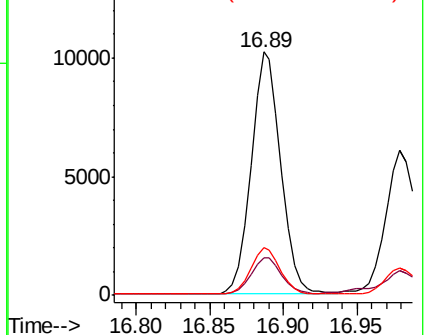
176 19.6 15.7 23.5



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: 0.506 ng/ul

RT: 16.98 min Scan# 3662

Delta R.T. -0.00 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

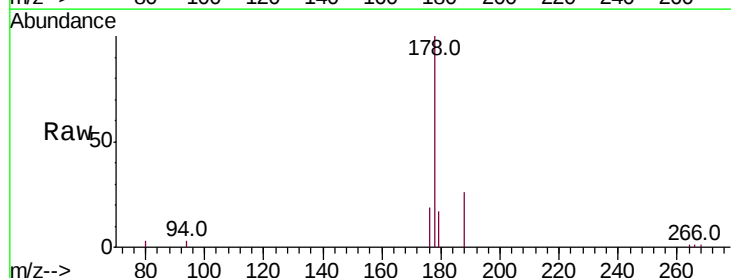
Tgt Ion:178 Resp: 8835

Ion Ratio Lower Upper

178 100

179 16.8 13.1 19.7

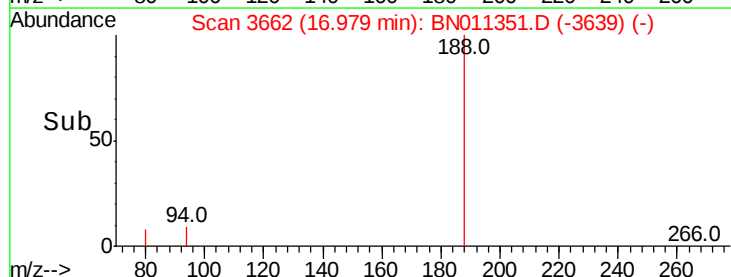
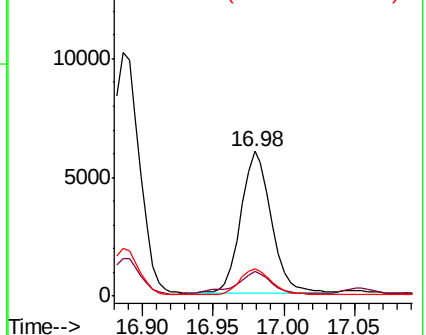
176 19.0 14.8 22.2

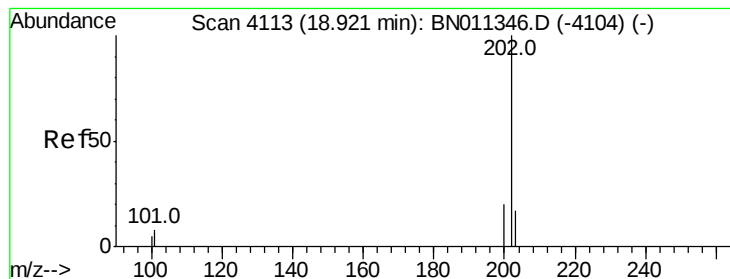


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 2.137 ng/ul

RT: 18.92 min Scan# 4112

Delta R.T. -0.00 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Instrument :

BNA_N

ClientSampleId :

C0AG7

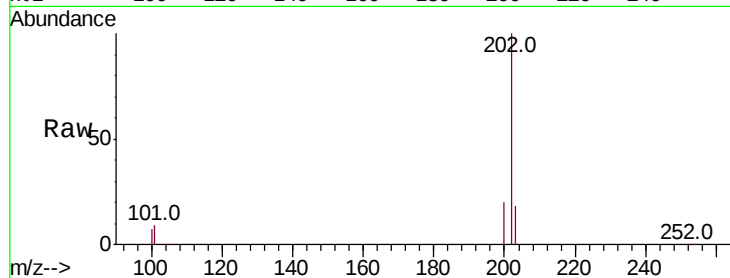
Tot Ion:202 Resp: 52681

Ion Ratio Lower Upper

202 100

101 8.8 0.0 28.2

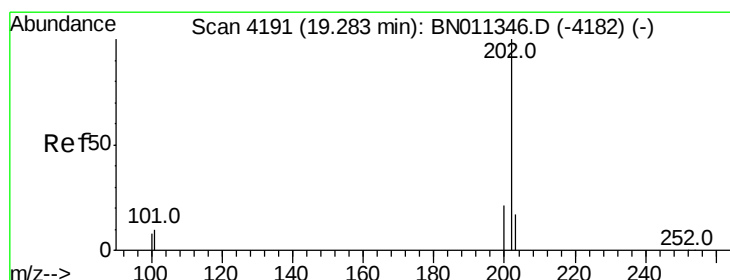
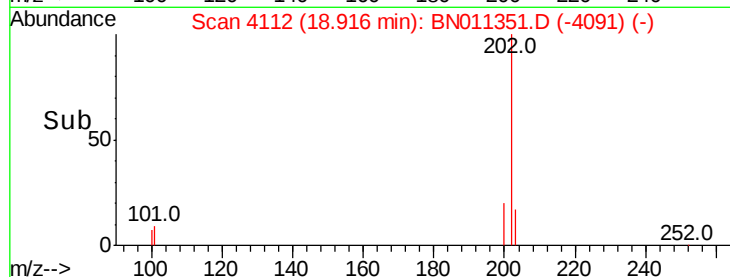
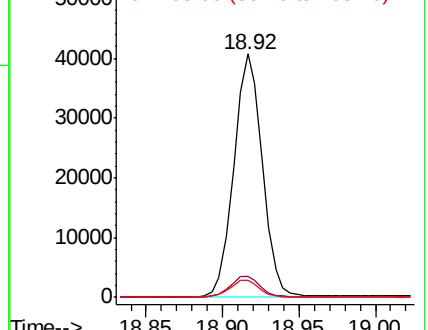
100 6.9 0.0 26.8



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: 1.791 ng/ul

RT: 19.28 min Scan# 4190

Delta R.T. -0.00 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

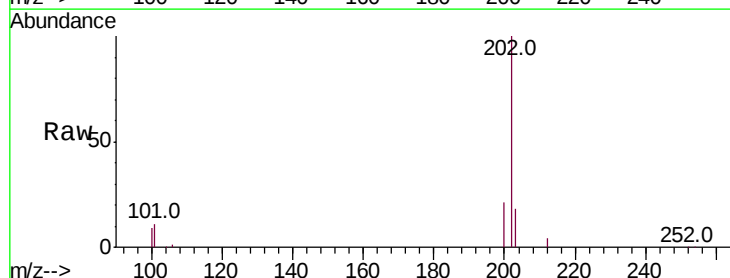
Tgt Ion:202 Resp: 55382

Ion Ratio Lower Upper

202 100

101 10.7 8.5 12.7

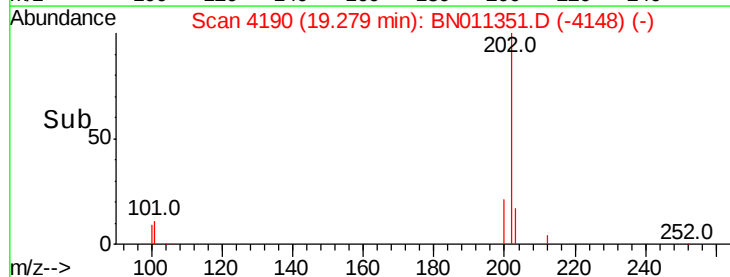
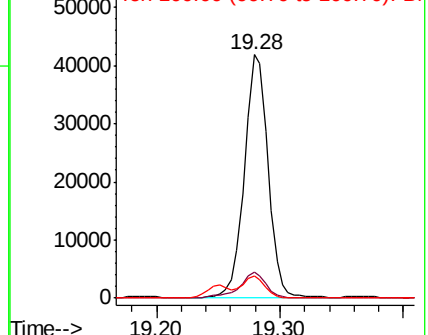
100 9.0 7.1 10.7

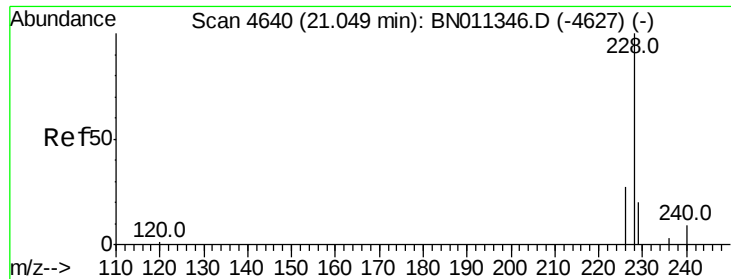


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 1.137 ng/ul

RT: 21.05 min Scan# 4639

Delta R.T. -0.00 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Instrument :

BNA_N

ClientSampleId :

C0AG7

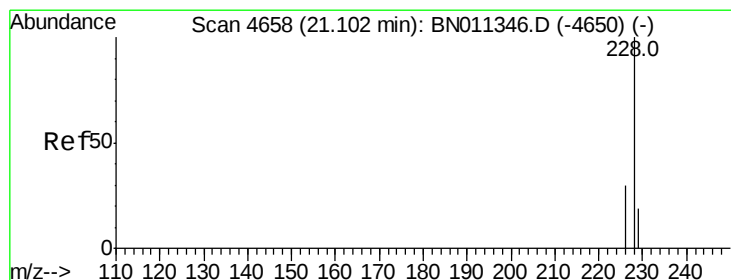
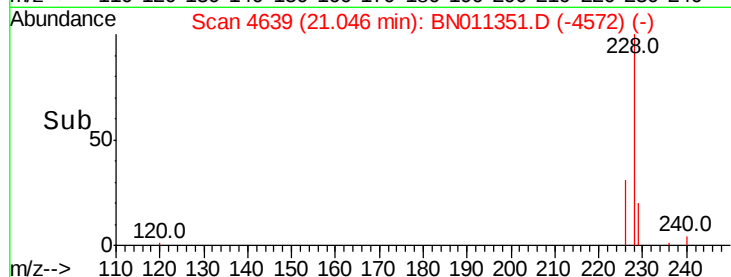
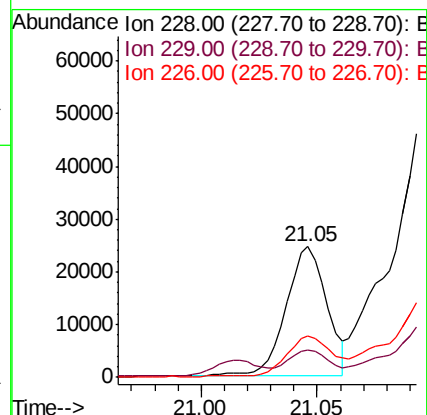
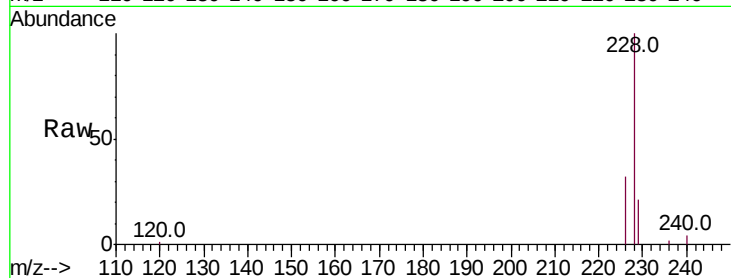
Tot Ion:228 Resp: 29739

Ion Ratio Lower Upper

228 100

229 21.3 16.1 24.1

226 31.8 22.2 33.2



#19

Chrysene

Concen: 2.580 ng/ul

RT: 21.10 min Scan# 4656

Delta R.T. -0.01 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

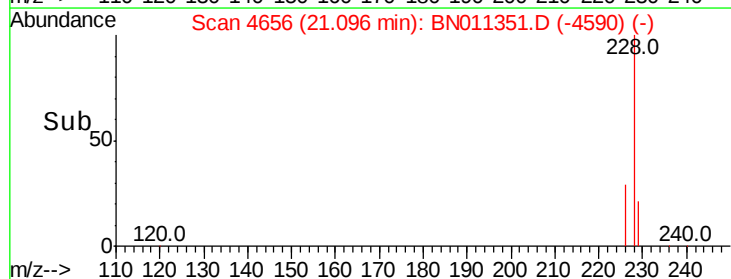
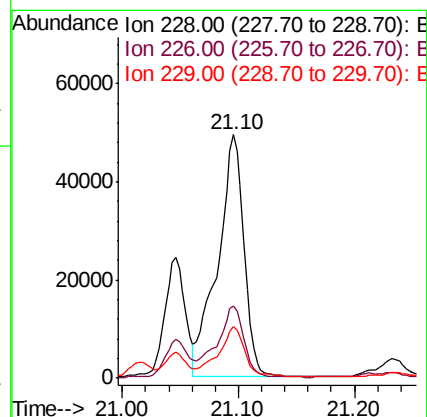
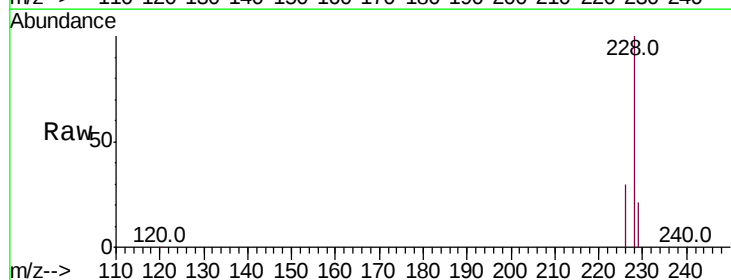
Tgt Ion:228 Resp: 77398

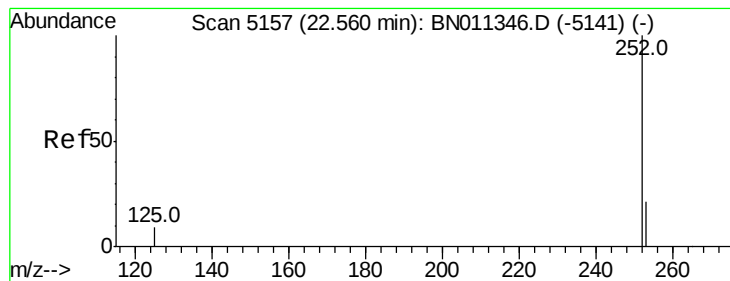
Ion Ratio Lower Upper

228 100

226 29.6 24.5 36.7

229 21.1 15.8 23.6





#21

Benzo(b)fluoranthene

Concen: 7.675 ng/u1

RT: 22.56 min Scan# 5156

Delta R.T. -0.00 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Instrument :

BNA_N

ClientSampleId :

C0AG7

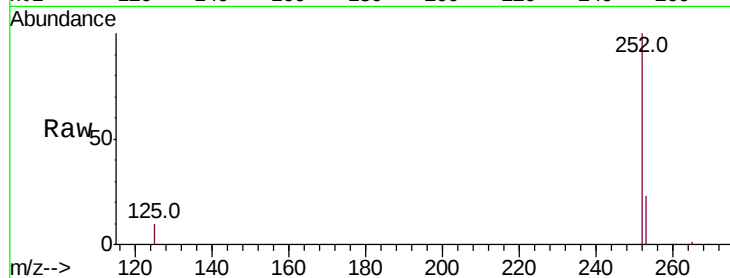
Tot Ion:252 Resp: 276183

Ion Ratio Lower Upper

252 100

253 22.8 0.0 51.8

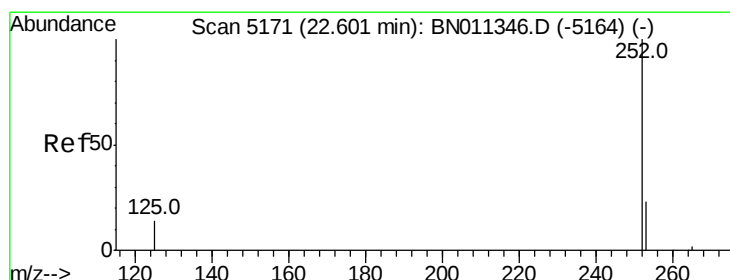
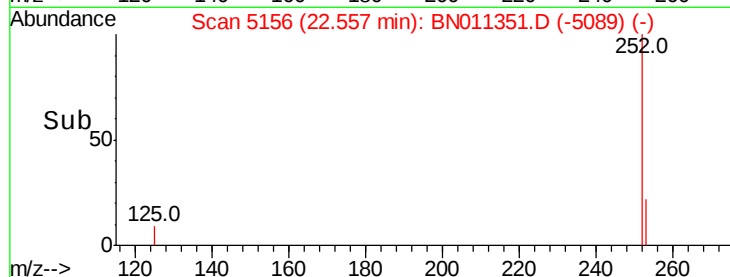
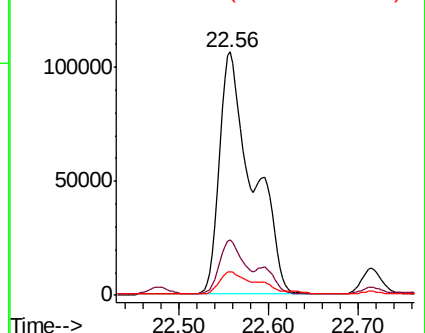
125 9.8 0.0 24.2



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: 0.439 ng/u1

RT: 22.71 min Scan# 5210

Delta R.T. 0.11 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

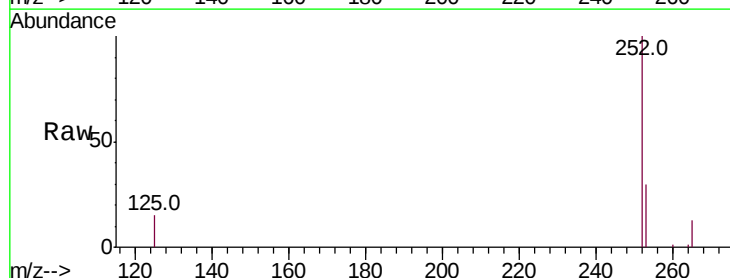
Tgt Ion:252 Resp: 17696

Ion Ratio Lower Upper

252 100

253 30.1 21.4 32.0

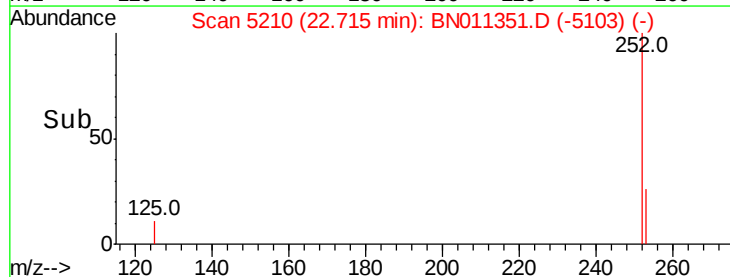
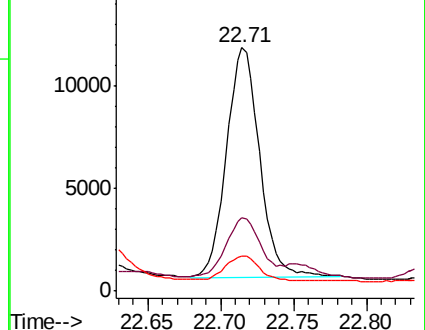
125 14.6 12.6 18.8

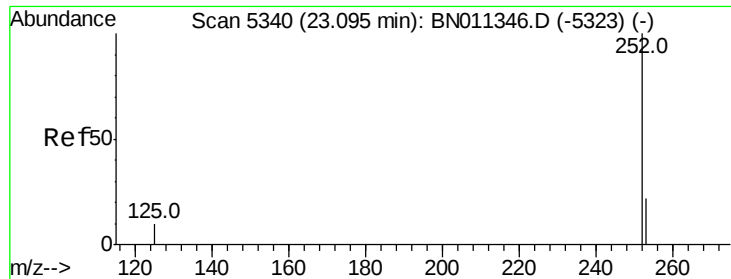


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.986 ng/ul

RT: 23.22 min Scan# 5383

Delta R.T. 0.13 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

Instrument :

BNA_N

ClientSampleId :

C0AG7

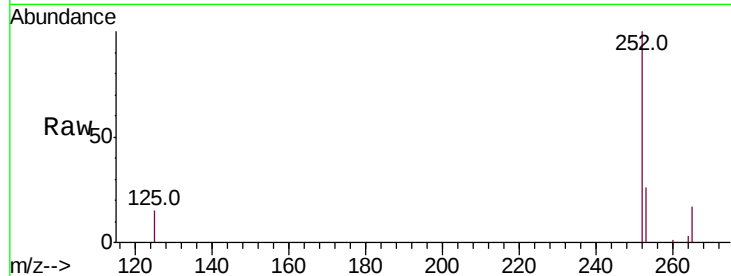
Tot Ion:252 Resp: 30840

Ion Ratio Lower Upper

252 100

253 25.7 22.6 34.0

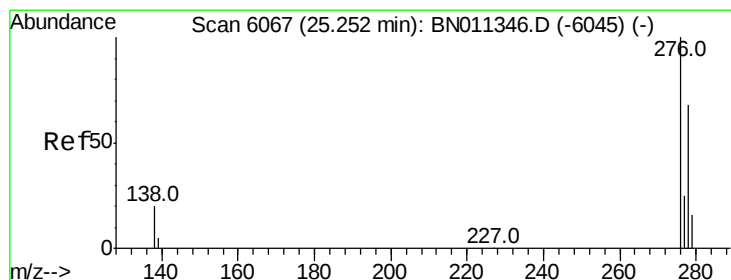
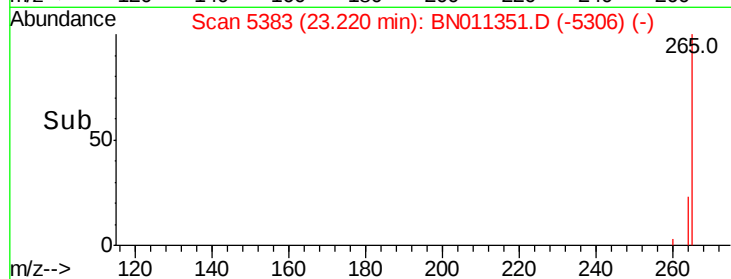
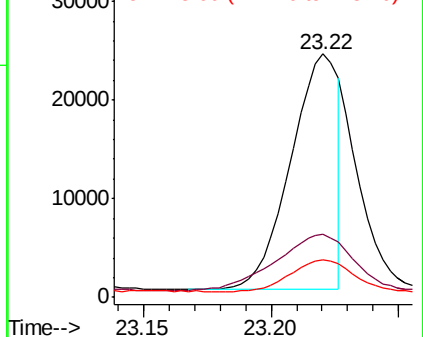
125 15.4 12.6 18.8



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: 7.353 ng/ul

RT: 25.24 min Scan# 6064

Delta R.T. -0.01 min

Lab File: BN011351.D

Acq: 04 Aug 2020 03:14

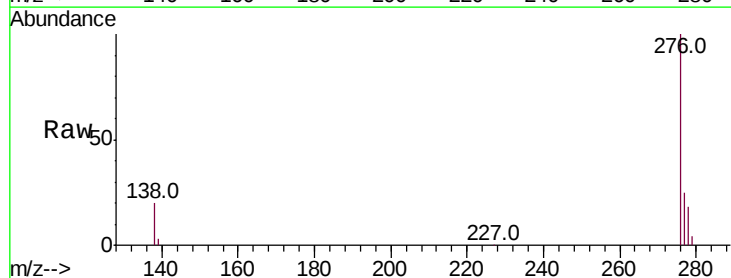
Tgt Ion:276 Resp: 241809

Ion Ratio Lower Upper

276 100

138 19.5 18.1 27.1

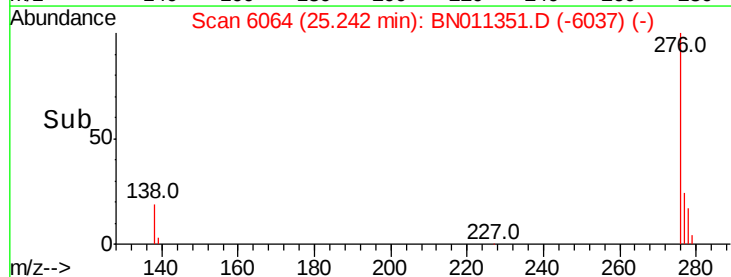
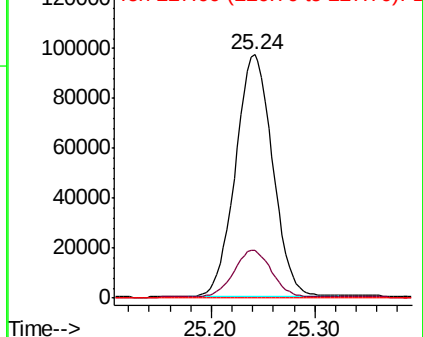
227 0.4 0.2 0.4#

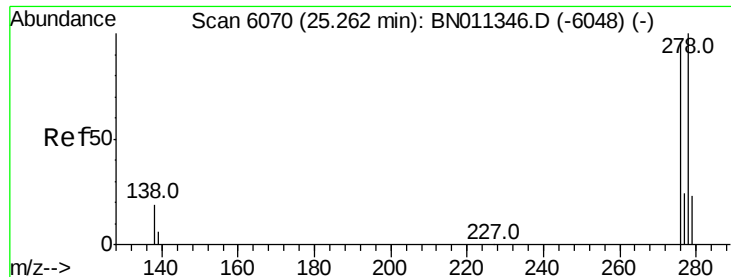


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



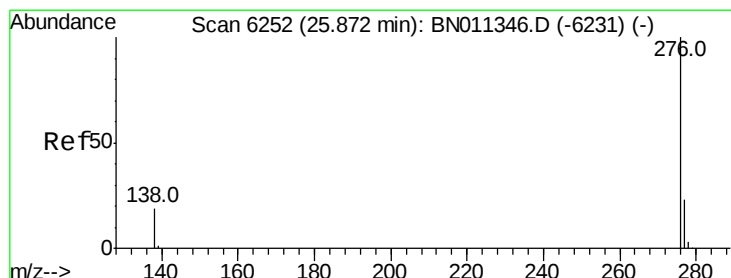
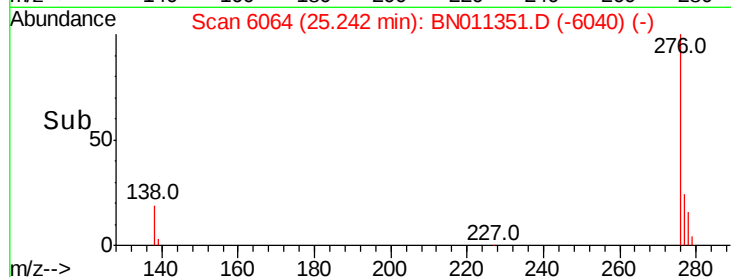
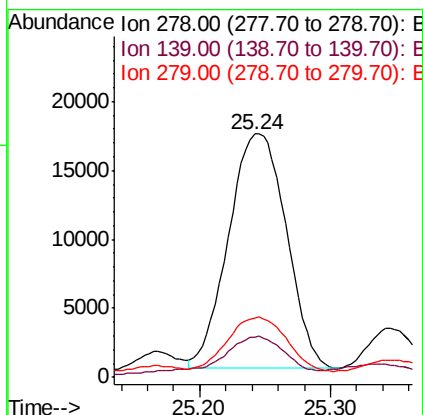
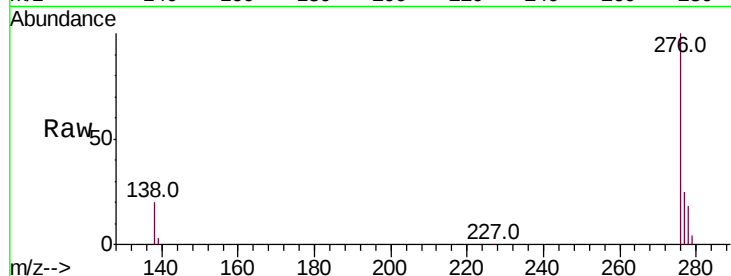


#25
Dibenzo(a,h)anthracene
Concen: 1.992 ng/ul
RT: 25.24 min Scan# 6064
Delta R.T. -0.02 min
Lab File: BN011351.D
Acq: 04 Aug 2020 03:14

Instrument :
BNA_N
ClientSampleId :
C0AG7

Tot Ion:278 Resp: 52158

Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.0	21.0
279	24.6	22.9	34.3



#26
Benzo(g,h,i)perylene
Concen: 14.630 ng/ul
RT: 25.87 min Scan# 6252
Delta R.T. 0.00 min
Lab File: BN011351.D
Acq: 04 Aug 2020 03:14

Tgt Ion:276 Resp: 434697

Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.4	24.6
277	24.1	20.2	30.4

