

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080320\
 Data File : BN011346.D
 Acq On : 03 Aug 2020 23:03
 Operator : CG/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.415

Quant Time: Aug 04 06:12:24 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 : Mon Aug 03 10:06:56 2020
 Response via : Initial Calibration

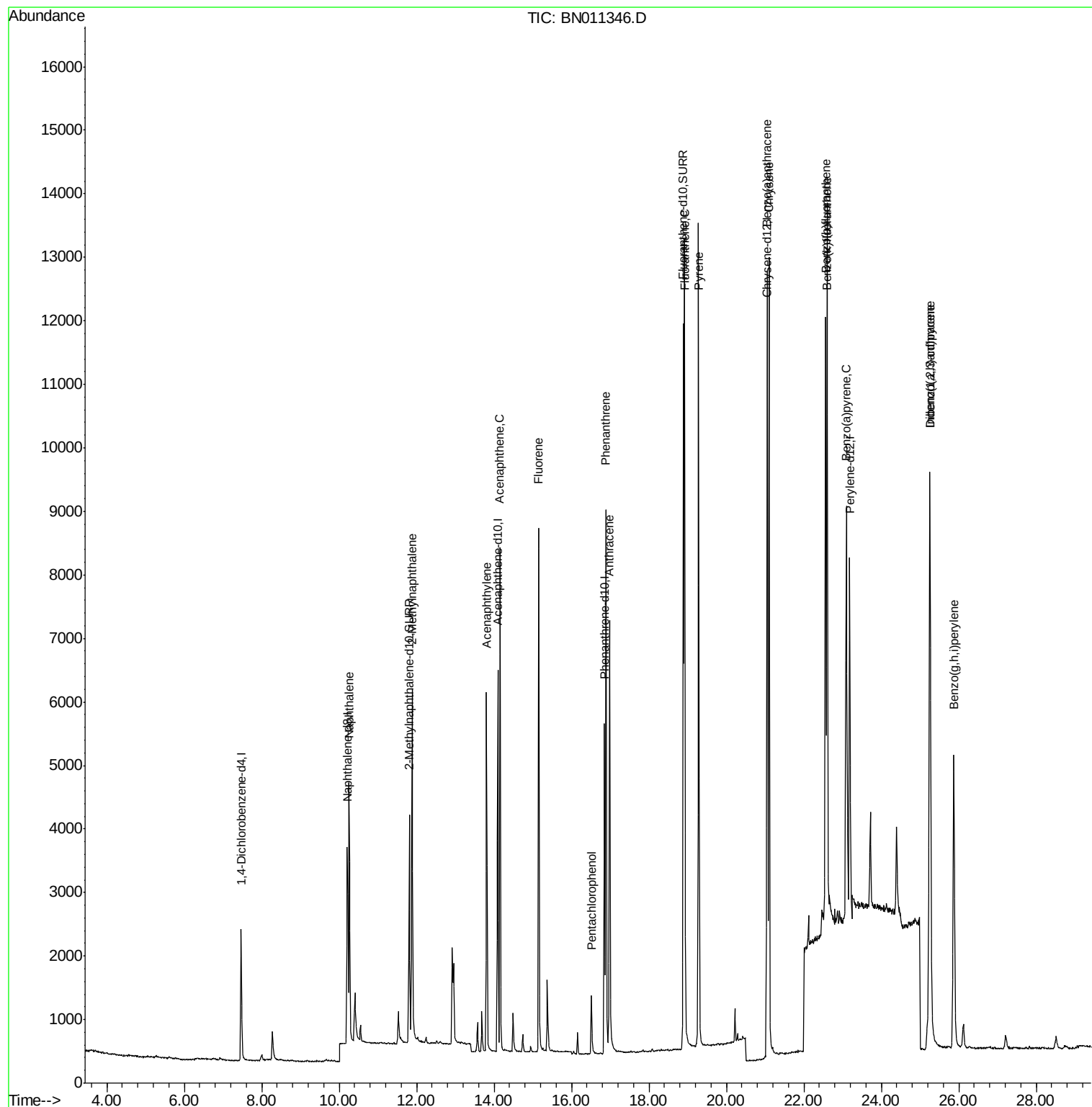
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	1211	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	4744	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	3133	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	6590	0.40	ng/ul	0.00
16) Chrysene-d12	21.07	240	6048	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	6796	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	5404	0.45	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	13915	0.44	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.26	128	5879	0.417	ng/ul	99
5) 2-Methylnaphthalene	11.89	142	4480	0.473	ng/ul	99
7) Acenaphthylene	13.81	152	6672	0.446	ng/ul	98
8) Acenaphthene	14.15	153	4727	0.398	ng/ul	100
9) Fluorene	15.15	166	5463	0.391	ng/ul	99
11) Pentachlorophenol	16.51	266	728	0.451	ng/ul	97
12) Phenanthrene	16.89	178	9076	0.416	ng/ul	99
13) Anthracene	16.98	178	8037	0.422	ng/ul	98
15) Fluoranthene	18.92	202	11701	0.435	ng/ul	98
17) Pyrene	19.28	202	11539	0.420	ng/ul	100
18) Benzo(a)anthracene	21.05	228	9827	0.423	ng/ul	100
19) Chrysene	21.10	228	11264	0.423	ng/ul	100
21) Benzo(b)fluoranthene	22.56	252	11445	0.403	ng/ul	100
22) Benzo(k)fluoranthene	22.60	252	13545	0.426	ng/ul	97
23) Benzo(a)pyrene	23.09	252	10374	0.421	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.25	276	10851	0.419	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.26	278	8684	0.421	ng/ul	99
26) Benzo(g,h,i)perylene	25.87	276	9326	0.398	ng/ul	100

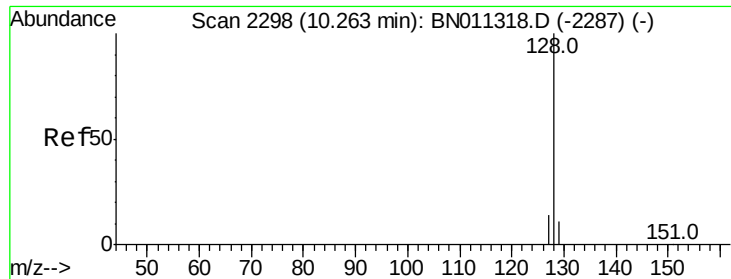
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080320\
Data File : BN011346.D
Acq On : 03 Aug 2020 23:03
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.415

Quant Time: Aug 04 06:12:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN073020.M
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#3

Naphthalene

Concen: 0.417 ng/ul

RT: 10.26 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BN011346.D

Acq: 03 Aug 2020 23:03

Instrument :

BNA_N

ClientSampleId :

SSTD0.415

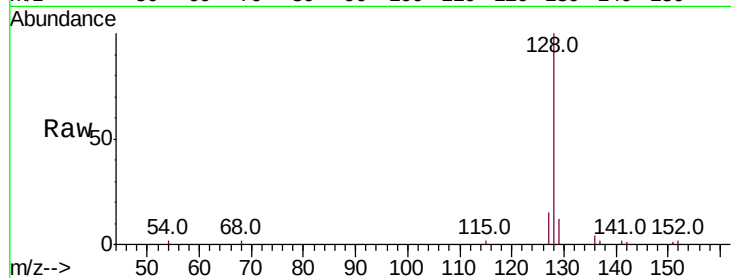
Tot Ion:128 Resp: 5879

Ion Ratio Lower Upper

128 100

129 12.4 9.6 14.4

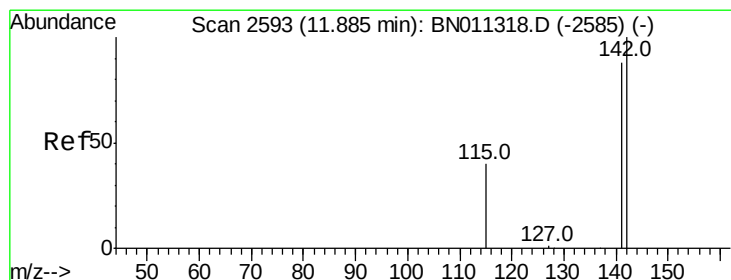
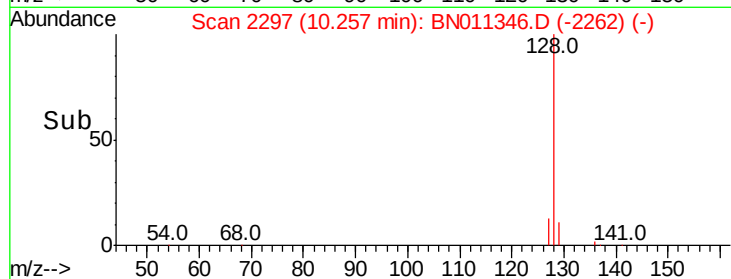
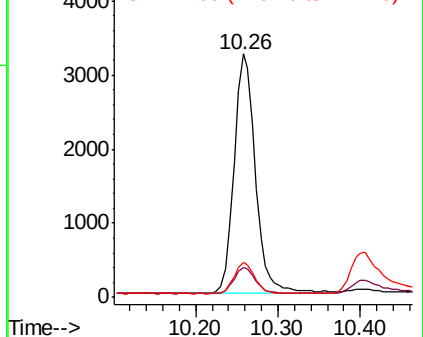
127 14.5 11.2 16.8



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: 0.473 ng/ul

RT: 11.89 min Scan# 2593

Delta R.T. -0.00 min

Lab File: BN011346.D

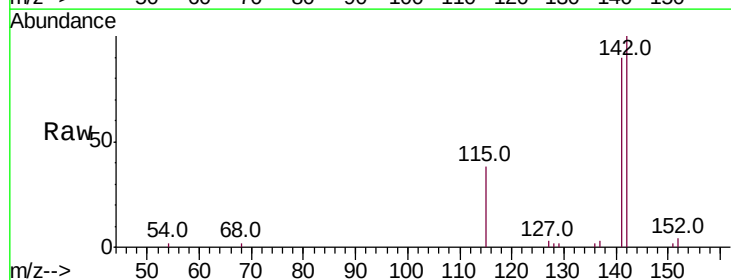
Acq: 03 Aug 2020 23:03

Tgt Ion:142 Resp: 4480

Ion Ratio Lower Upper

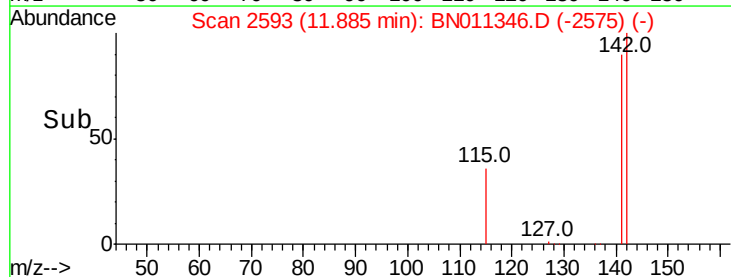
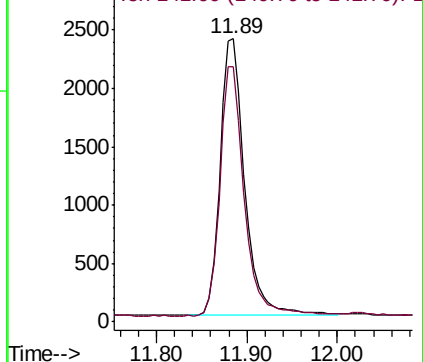
142 100

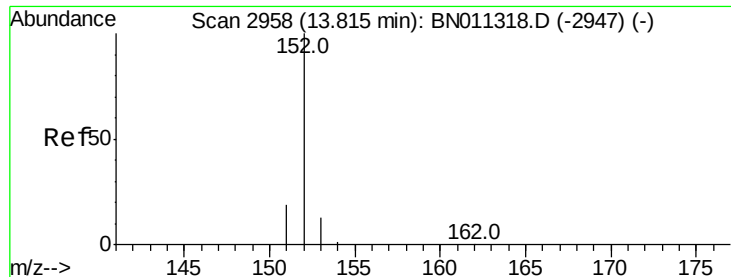
141 90.2 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.446 ng/ul

RT: 13.81 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BN011346.D

Acq: 03 Aug 2020 23:03

Instrument :

BNA_N

ClientSampleId :

SSTD0.415

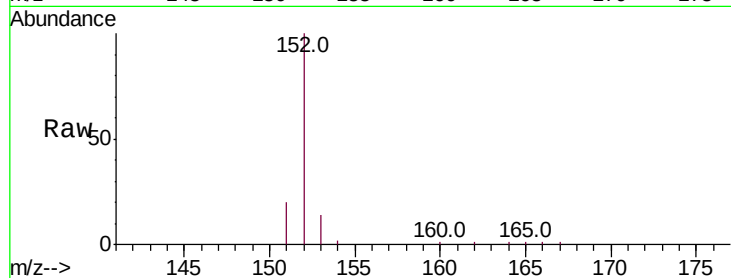
Tot Ion:152 Resp: 6672

Ion Ratio Lower Upper

152 100

151 20.3 17.1 25.7

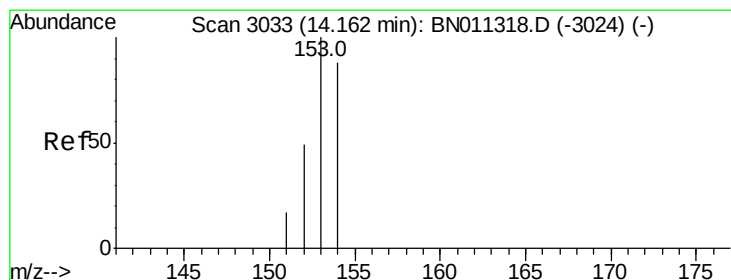
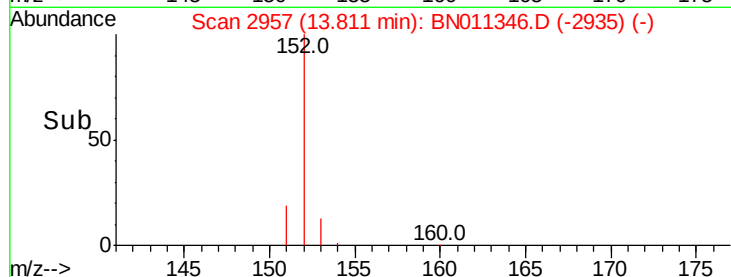
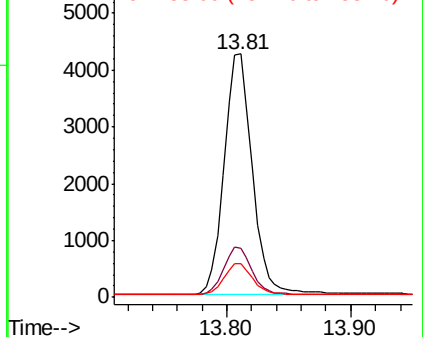
153 14.0 11.4 17.0



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: 0.398 ng/ul

RT: 14.15 min Scan# 3031

Delta R.T. -0.00 min

Lab File: BN011346.D

Acq: 03 Aug 2020 23:03

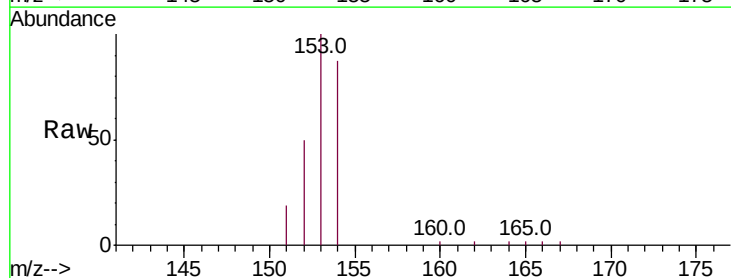
Tgt Ion:153 Resp: 4727

Ion Ratio Lower Upper

153 100

152 49.9 40.5 60.7

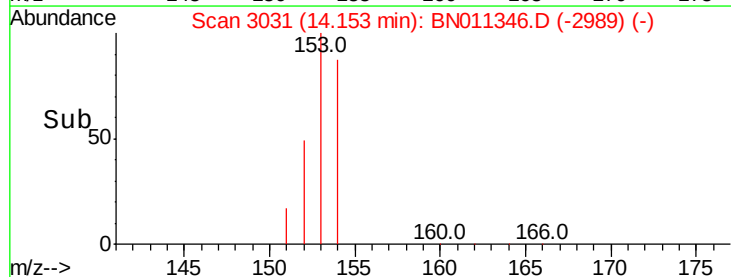
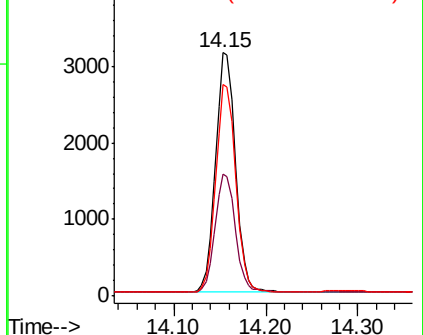
154 86.7 69.5 104.3

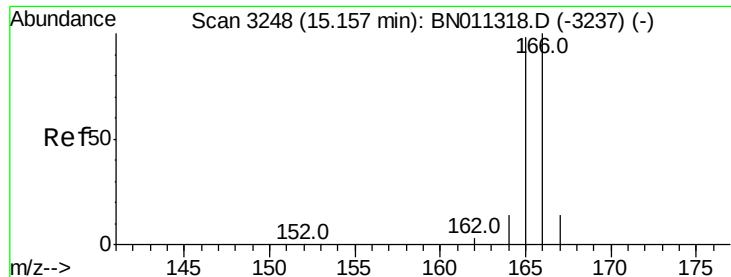


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.391 ng/ul

RT: 15.15 min Scan# 3247

Delta R.T. -0.00 min

Lab File: BN011346.D

Acq: 03 Aug 2020 23:03

Instrument :

BNA_N

ClientSampleId :

SSTD0.415

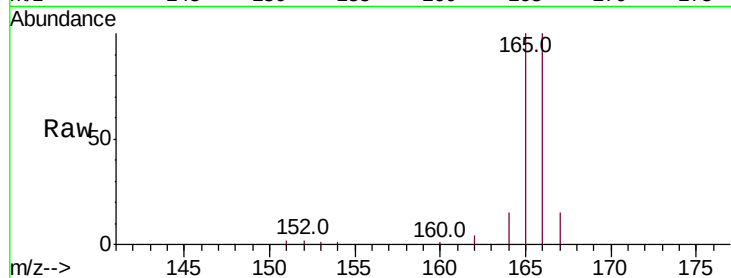
Tot Ion:166 Resp: 5463

Ion Ratio Lower Upper

166 100

165 100.0 78.8 118.2

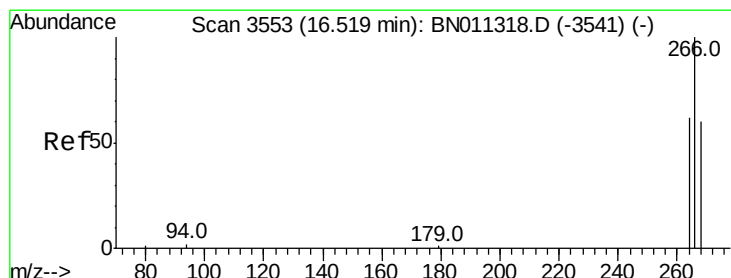
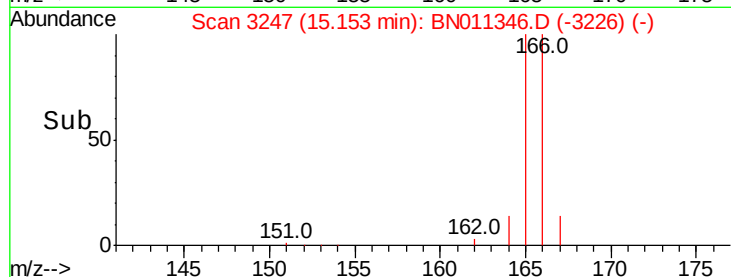
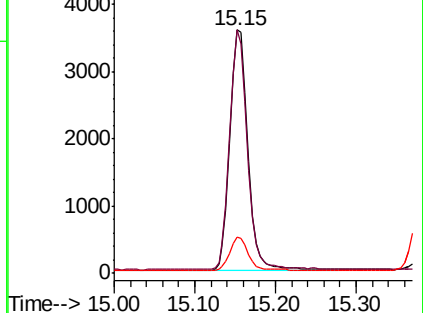
167 14.9 12.1 18.1



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: 0.451 ng/ul

RT: 16.51 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BN011346.D

Acq: 03 Aug 2020 23:03

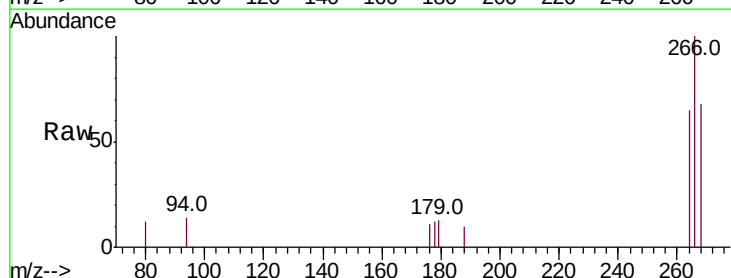
Tgt Ion:266 Resp: 728

Ion Ratio Lower Upper

266 100

264 59.9 50.7 76.1

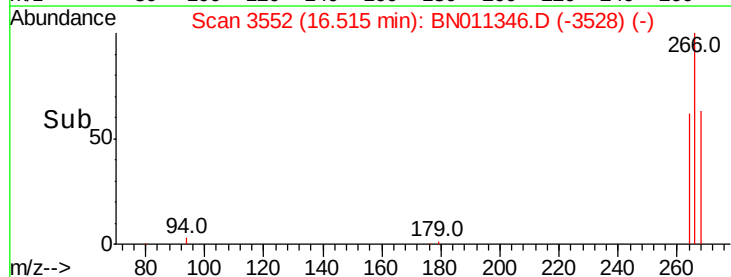
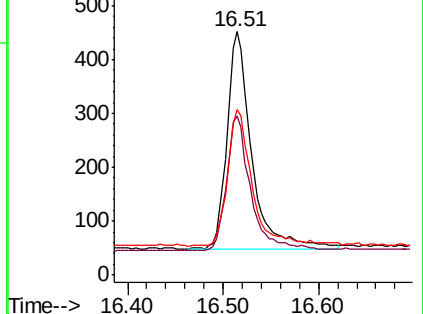
268 62.4 51.3 76.9

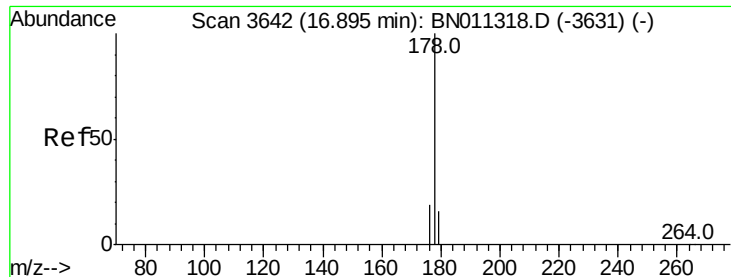


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.416 ng/ul

RT: 16.89 min Scan# 3641

Delta R.T. -0.00 min

Lab File: BN011346.D

Acq: 03 Aug 2020 23:03

Instrument :

BNA_N

ClientSampleId :

SSTD0.415

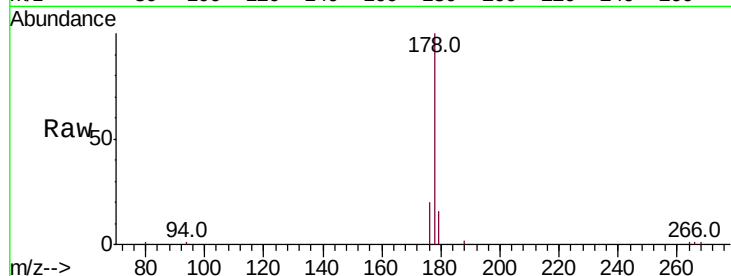
Tot Ion:178 Resp: 9076

Ion Ratio Lower Upper

178 100

179 16.1 12.6 18.8

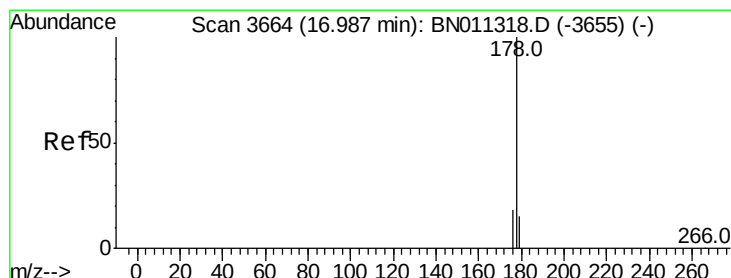
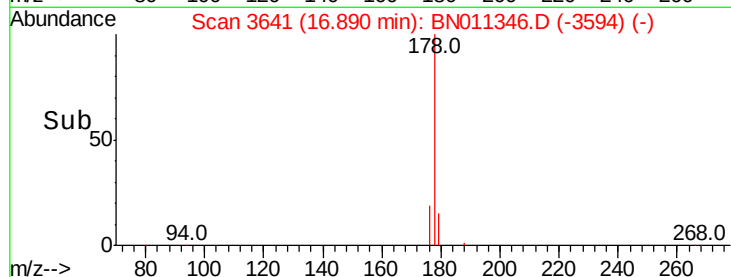
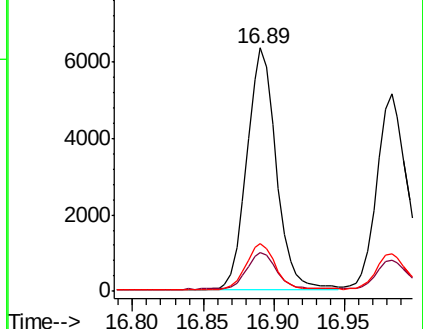
176 19.5 15.7 23.5



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: 0.422 ng/ul

RT: 16.98 min Scan# 3663

Delta R.T. -0.00 min

Lab File: BN011346.D

Acq: 03 Aug 2020 23:03

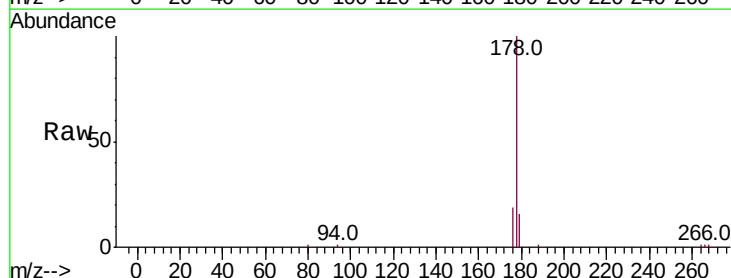
Tgt Ion:178 Resp: 8037

Ion Ratio Lower Upper

178 100

179 15.8 13.1 19.7

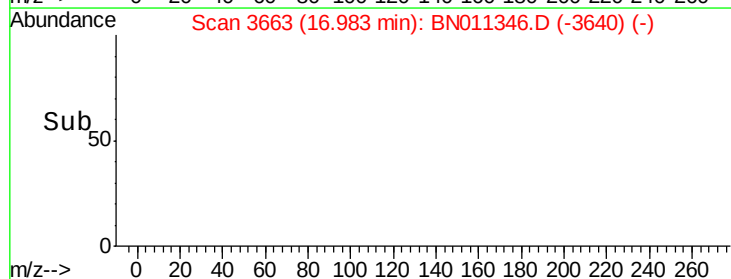
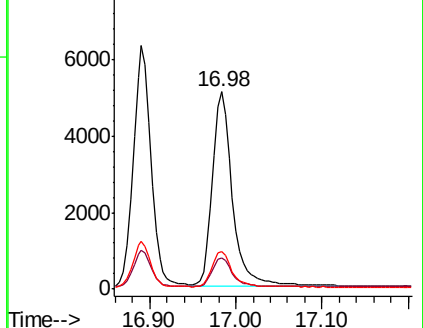
176 19.3 14.8 22.2

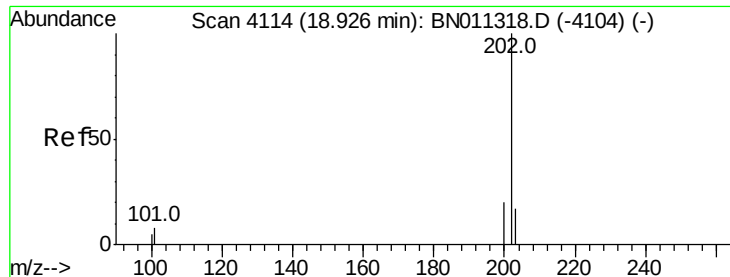


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

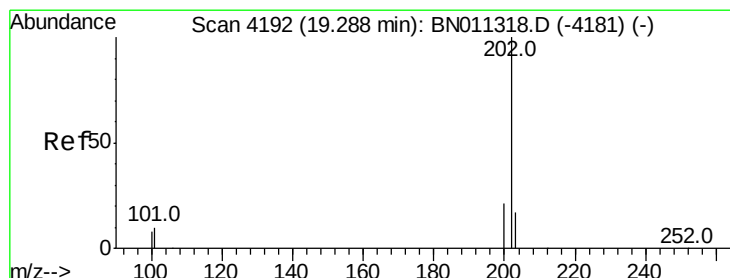
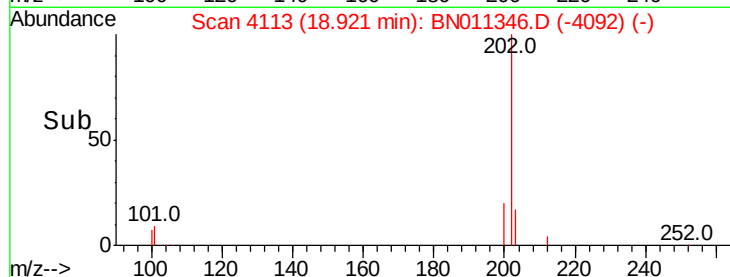
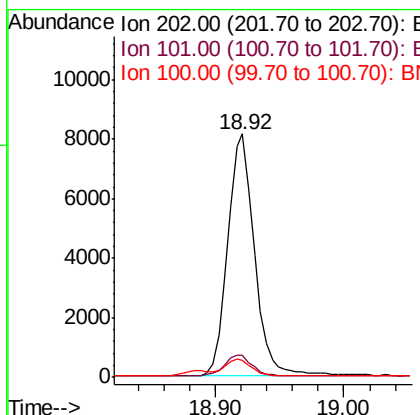
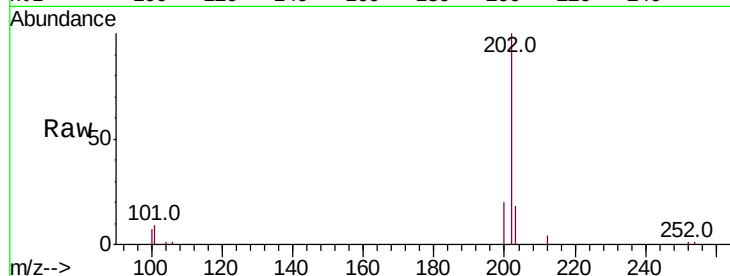




#15
Fluoranthene
Concen: 0.435 ng/ul
RT: 18.92 min Scan# 4113
Delta R.T. -0.00 min
Lab File: BN011346.D
Acq: 03 Aug 2020 23:03

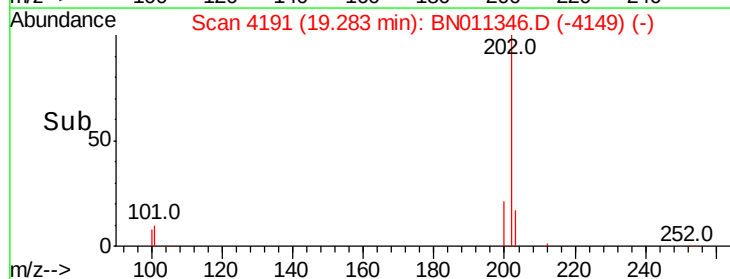
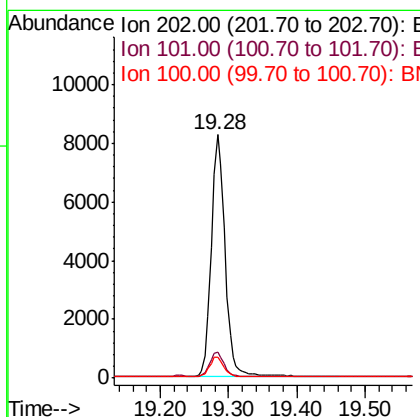
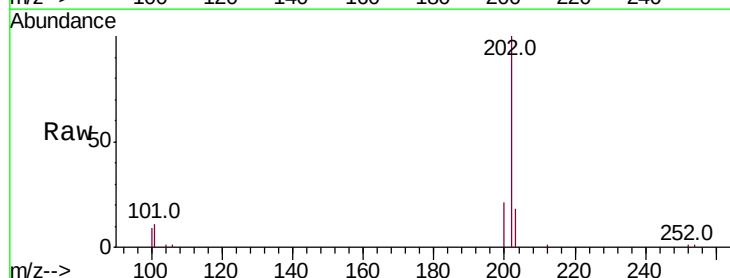
Instrument :
BNA_N
ClientSampleId :
SSTD0.415

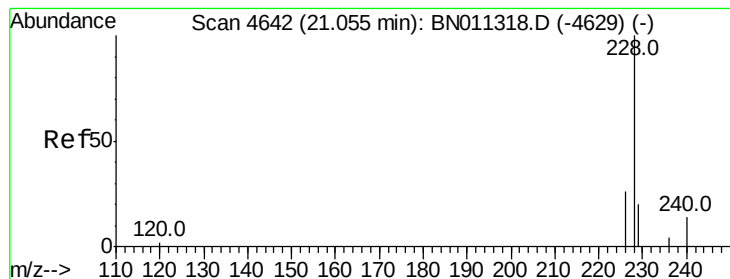
Tot Ion:202 Resp: 11701
Ion Ratio Lower Upper
202 100
101 9.2 0.0 28.2
100 7.2 0.0 26.8



#17
Pyrene
Concen: 0.420 ng/ul
RT: 19.28 min Scan# 4191
Delta R.T. -0.00 min
Lab File: BN011346.D
Acq: 03 Aug 2020 23:03

Tgt Ion:202 Resp: 11539
Ion Ratio Lower Upper
202 100
101 10.6 8.5 12.7
100 8.8 7.1 10.7





#18

Benzo(a)anthracene

Concen: 0.423 ng/ul

RT: 21.05 min Scan# 4640

Delta R.T. -0.00 min

Lab File: BN011346.D

Acq: 03 Aug 2020 23:03

Instrument :

BNA_N

ClientSampleId :

SSTD0.415

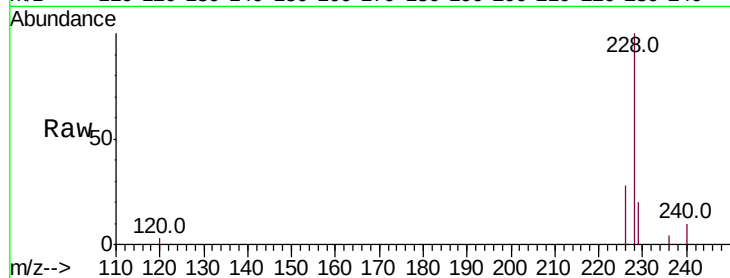
Tot Ion:228 Resp: 9827

Ion Ratio Lower Upper

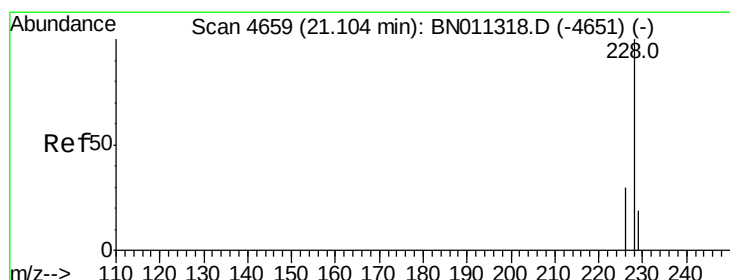
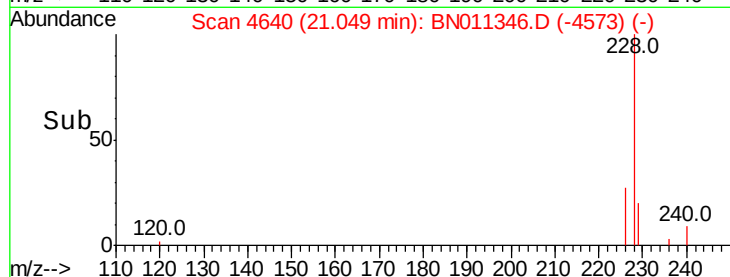
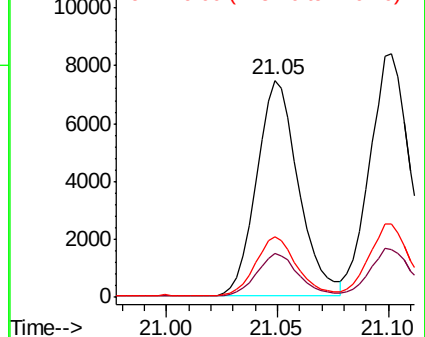
228 100

229 20.5 16.1 24.1

226 27.7 22.2 33.2



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: 0.423 ng/ul

RT: 21.10 min Scan# 4658

Delta R.T. -0.00 min

Lab File: BN011346.D

Acq: 03 Aug 2020 23:03

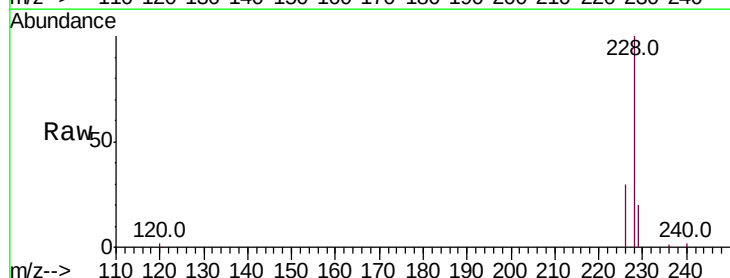
Tgt Ion:228 Resp: 11264

Ion Ratio Lower Upper

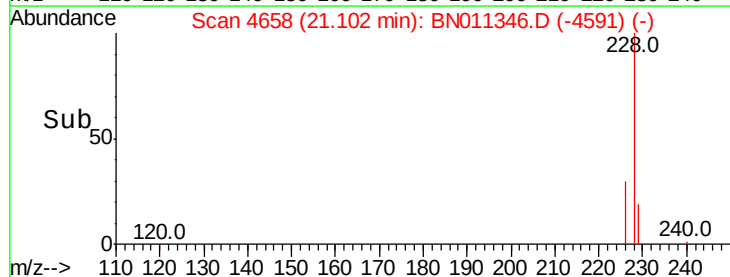
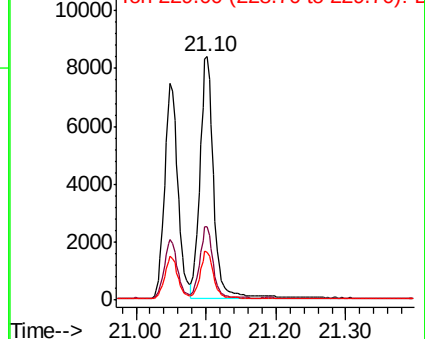
228 100

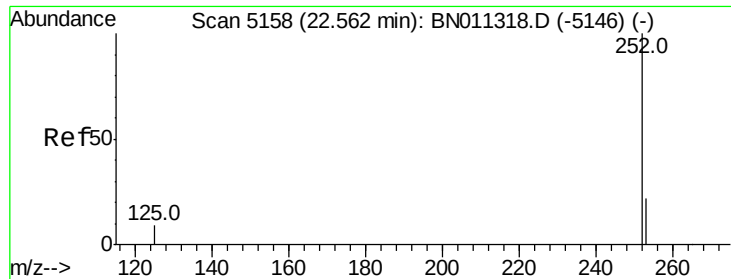
226 30.3 24.5 36.7

229 19.8 15.8 23.6



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: 0.403 ng/ul

RT: 22.56 min Scan# 5157

Delta R.T. -0.01 min

Lab File: BN011346.D

Acq: 03 Aug 2020 23:03

Instrument :

BNA_N

ClientSampleId :

SSTD0.415

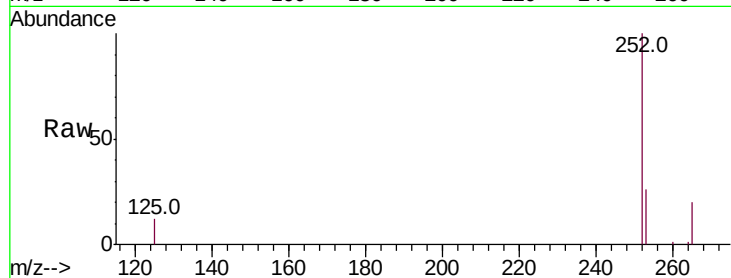
Tot Ion:252 Resp: 11445

Ion Ratio Lower Upper

252 100

253 26.0 0.0 51.8

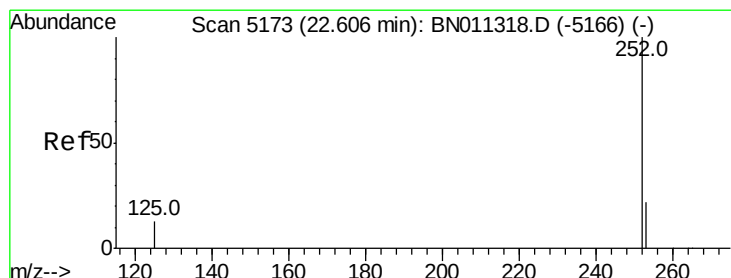
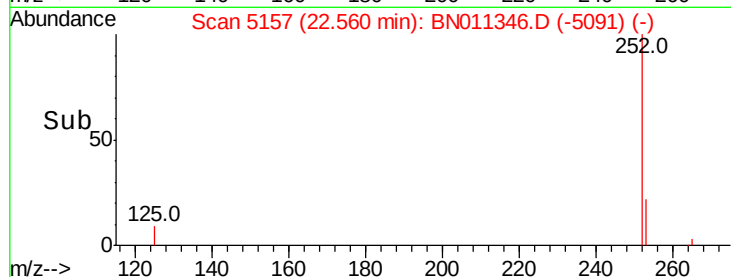
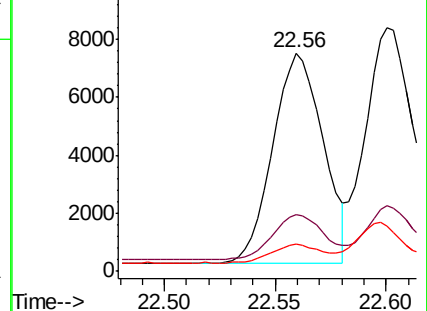
125 12.2 0.0 24.2



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: 0.426 ng/ul

RT: 22.60 min Scan# 5171

Delta R.T. -0.01 min

Lab File: BN011346.D

Acq: 03 Aug 2020 23:03

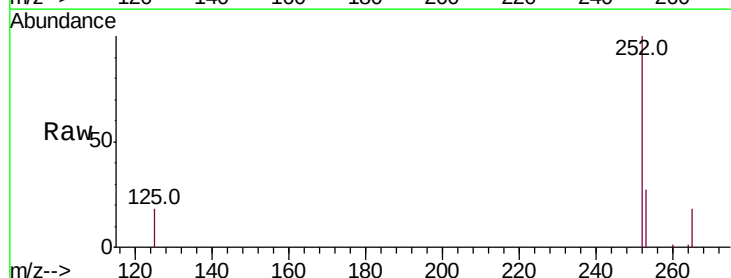
Tgt Ion:252 Resp: 13545

Ion Ratio Lower Upper

252 100

253 26.9 21.4 32.0

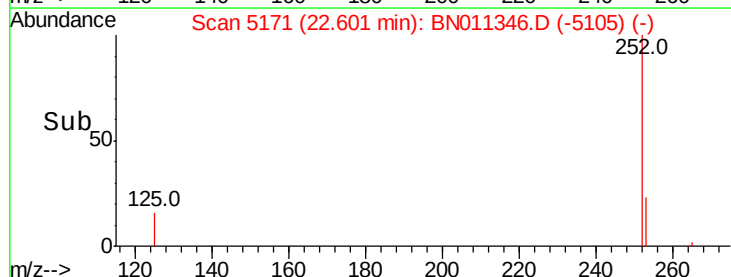
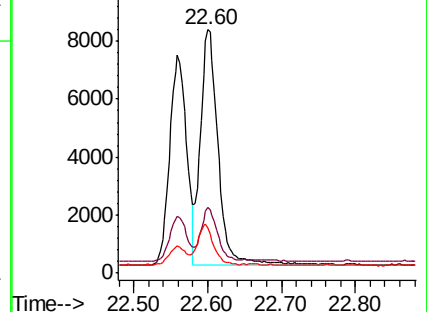
125 18.4 12.6 18.8

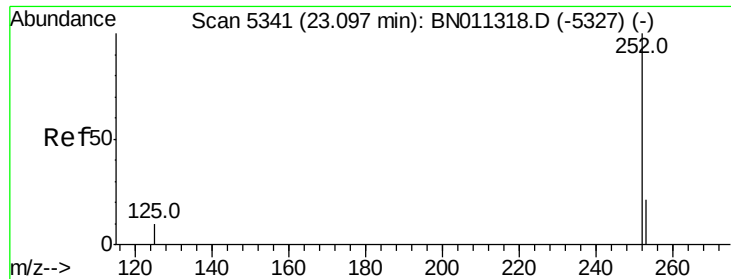


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.421 ng/ul

RT: 23.09 min Scan# 5340

Delta R.T. -0.00 min

Lab File: BN011346.D

Acq: 03 Aug 2020 23:03

Instrument :

BNA_N

ClientSampleId :

SSTD0.415

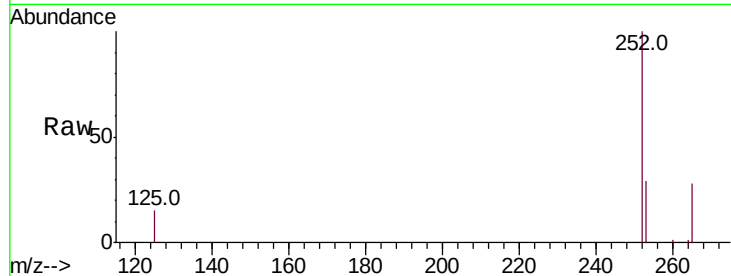
Tot Ion:252 Resp: 10374

Ion Ratio Lower Upper

252 100

253 28.5 22.6 34.0

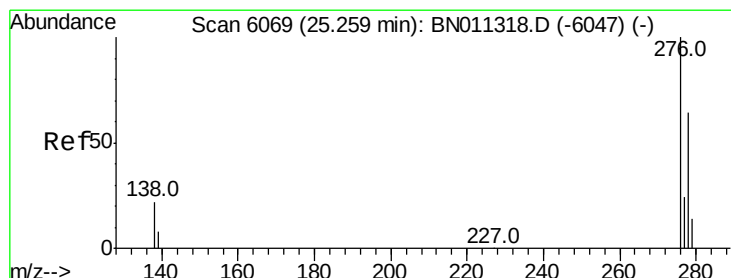
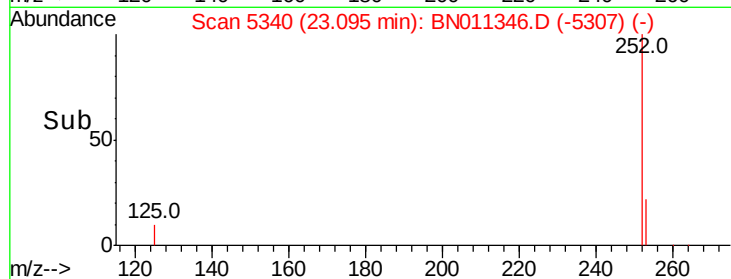
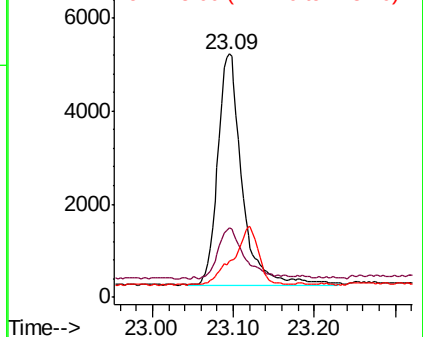
125 14.8 12.6 18.8



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: 0.419 ng/ul

RT: 25.25 min Scan# 6067

Delta R.T. -0.00 min

Lab File: BN011346.D

Acq: 03 Aug 2020 23:03

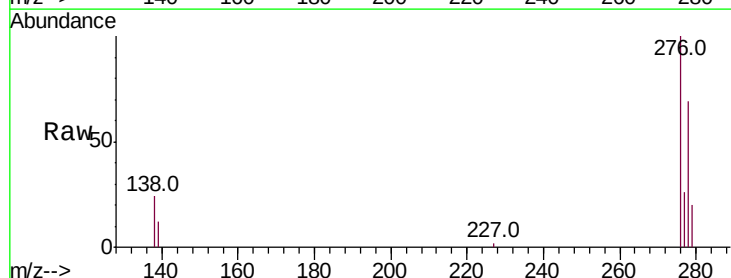
Tgt Ion:276 Resp: 10851

Ion Ratio Lower Upper

276 100

138 22.7 18.1 27.1

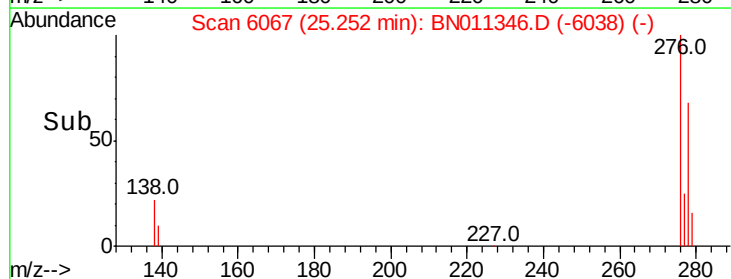
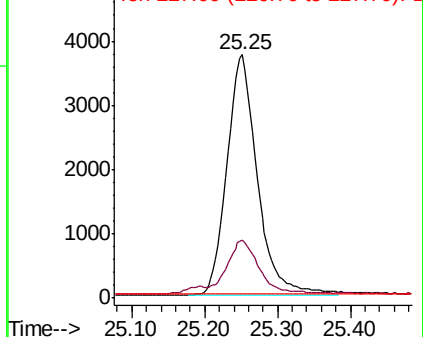
227 0.2 0.2 0.4#

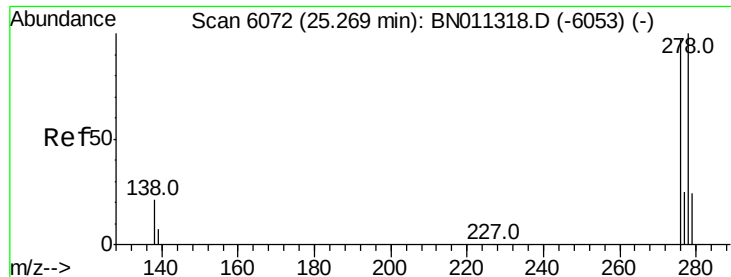


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.421 ng/ul

RT: 25.26 min Scan# 6070

Delta R.T. -0.01 min

Lab File: BN011346.D

Acq: 03 Aug 2020 23:03

Instrument :

BNA_N

ClientSampleId :

SSTD0.415

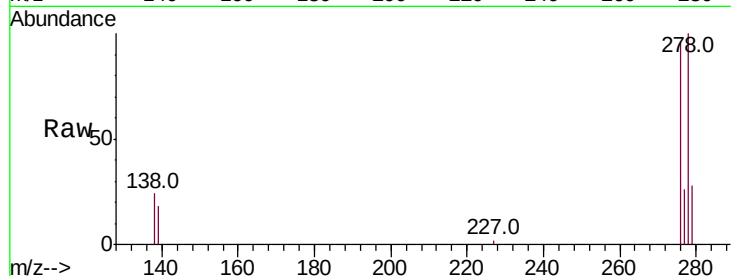
Tot Ion:278 Resp: 8684

Ion Ratio Lower Upper

278 100

139 17.8 14.0 21.0

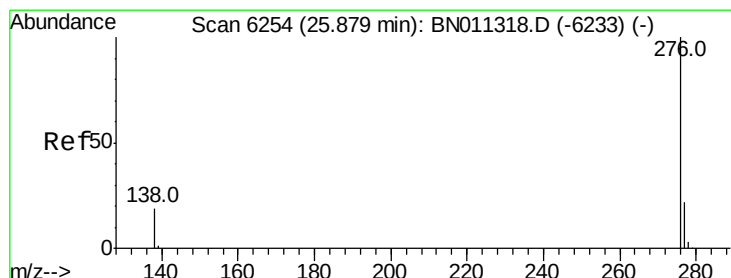
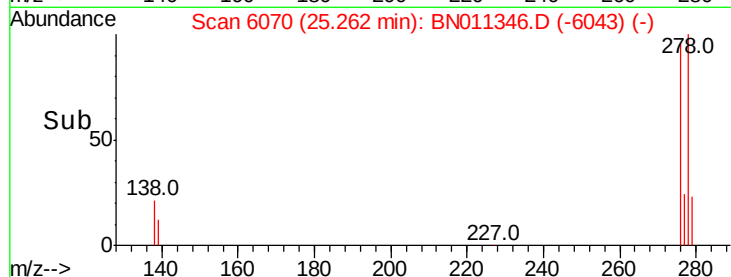
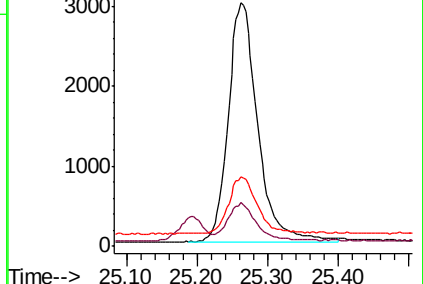
279 28.3 22.9 34.3



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: 0.398 ng/ul

RT: 25.87 min Scan# 6252

Delta R.T. -0.01 min

Lab File: BN011346.D

Acq: 03 Aug 2020 23:03

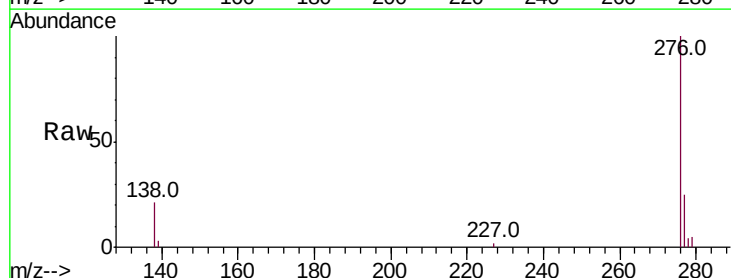
Tgt Ion:276 Resp: 9326

Ion Ratio Lower Upper

276 100

138 20.8 16.4 24.6

277 25.2 20.2 30.4



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

