

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080320\
 Data File : BN011344.D
 Acq On : 03 Aug 2020 21:51
 Operator : CG/JU
 Sample : L3419-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AF0

Quant Time: Aug 04 06:12:15 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

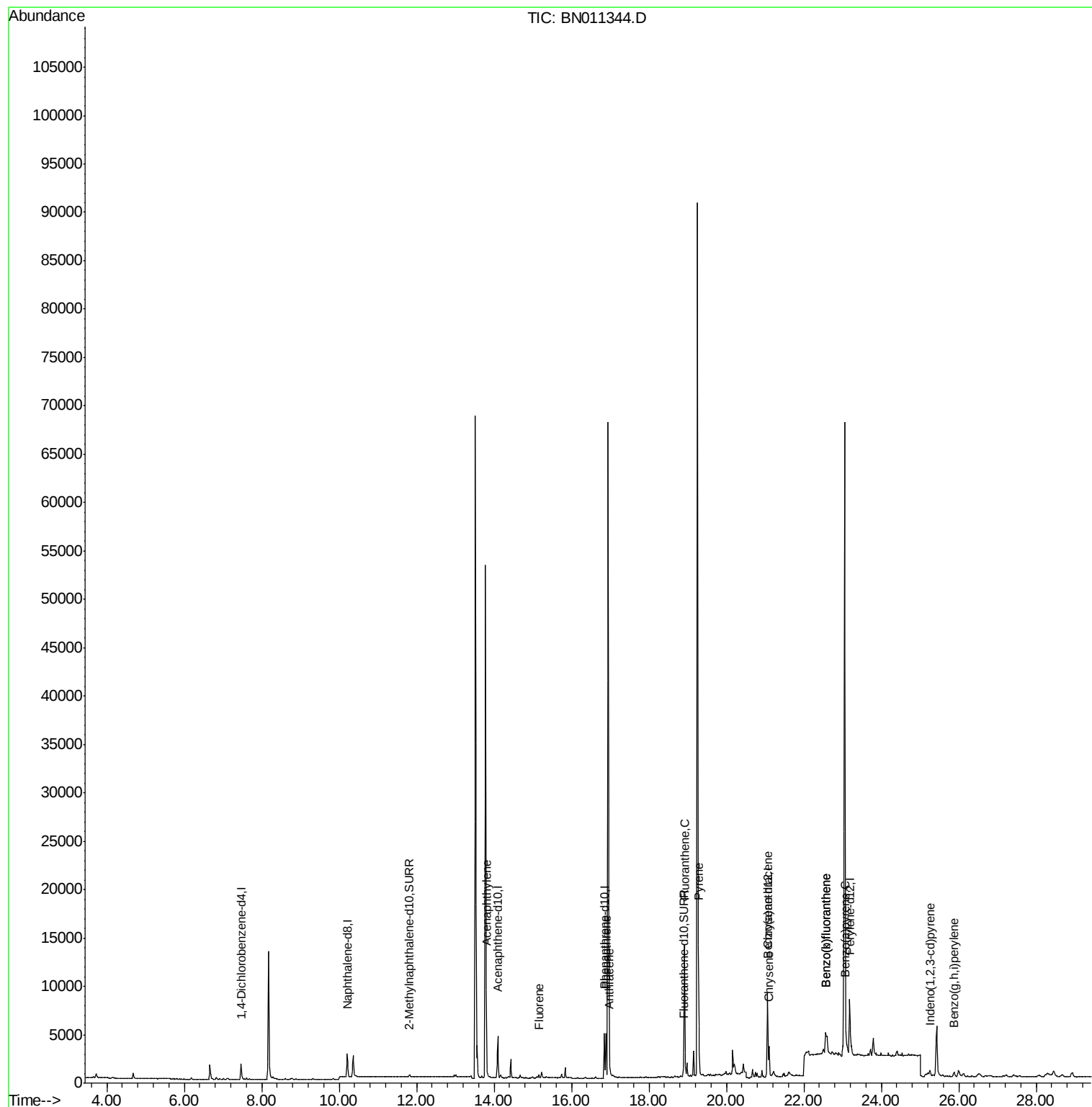
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	873	0.40	ng/ul	0.00
2) Naphthalene-d8	10.21	136	3306	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2375	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	5550	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	6882	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	7244	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	400	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1019	0.04	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.81	152	297	0.026	ng/ul#	64
9) Fluorene	15.15	166	247	0.023	ng/ul#	92
12) Phenanthrene	16.89	178	4884	0.266	ng/ul	99
13) Anthracene	16.98	178	372	0.023	ng/ul#	57
15) Fluoranthene	18.92	202	12338	0.544	ng/ul	96
17) Pyrene	19.28	202	10123	0.324	ng/ul	100
18) Benzo(a)anthracene	21.05	228	3088	0.117	ng/ul	94
19) Chrysene	21.10	228	3358	0.111	ng/ul#	94
21) Benzo(b)fluoranthene	22.56	252	4840	0.160	ng/ul#	58
22) Benzo(k)fluoranthene	22.56	252	4840	0.143	ng/ul#	64
23) Benzo(a)pyrene	23.09	252	952	0.036	ng/ul#	21
24) Indeno(1,2,3-cd)pyrene	25.25	276	926	0.034	ng/ul#	86
26) Benzo(g,h,i)perylene	25.88	276	795	0.032	ng/ul#	57

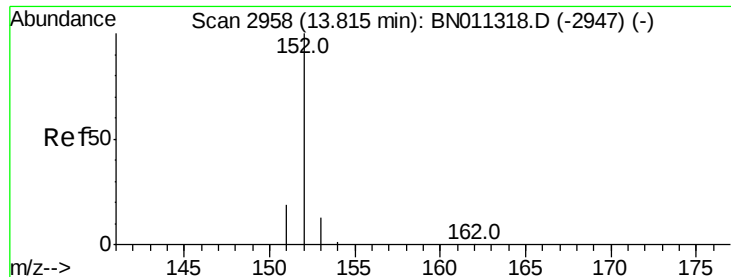
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080320\
Data File : BN011344.D
Acq On : 03 Aug 2020 21:51
Operator : CG/JU
Sample : L3419-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF0

Quant Time: Aug 04 06:12:15 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





#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 13.81 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BN011344.D

Acq: 03 Aug 2020 21:51

Instrument :

BNA_N

ClientSampleId :

C0AF0

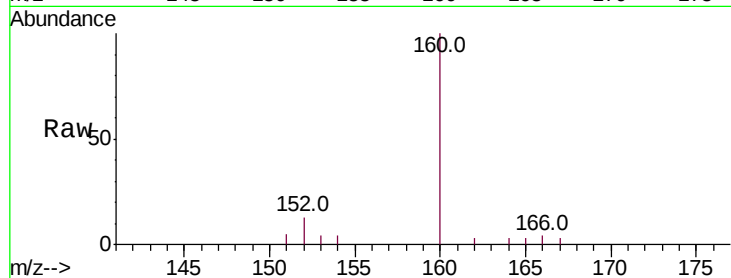
Tot Ion:152 Resp: 297

Ion Ratio Lower Upper

152 100

151 36.5 17.1 25.7#

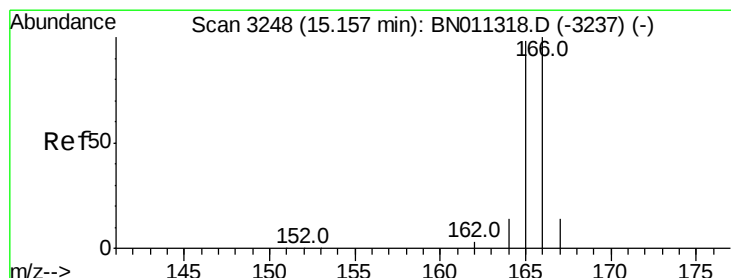
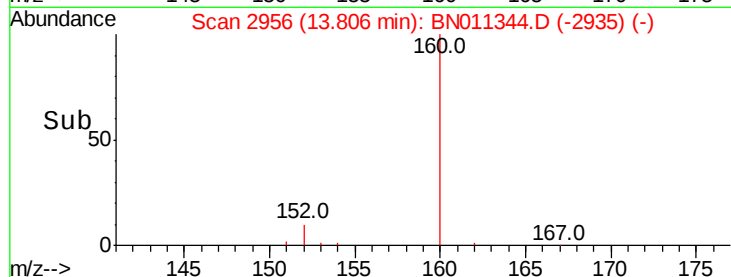
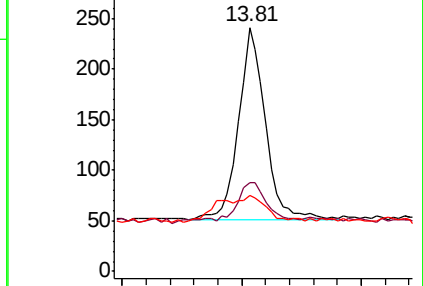
153 31.1 11.4 17.0#



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



#9

Fluorene

Concen: 0.023 ng/ul

RT: 15.15 min Scan# 3247

Delta R.T. -0.00 min

Lab File: BN011344.D

Acq: 03 Aug 2020 21:51

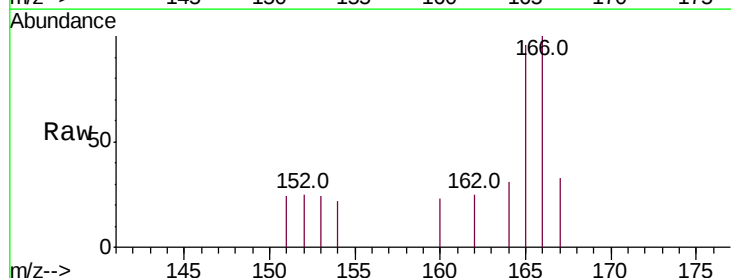
Tgt Ion:166 Resp: 247

Ion Ratio Lower Upper

166 100

165 96.4 78.8 118.2

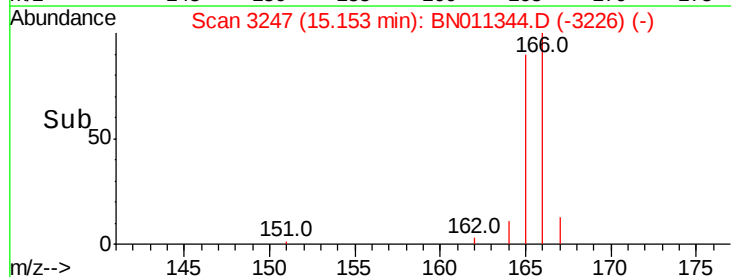
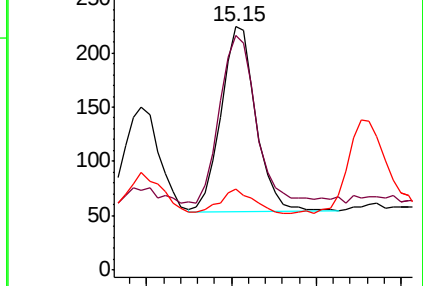
167 33.5 12.1 18.1#

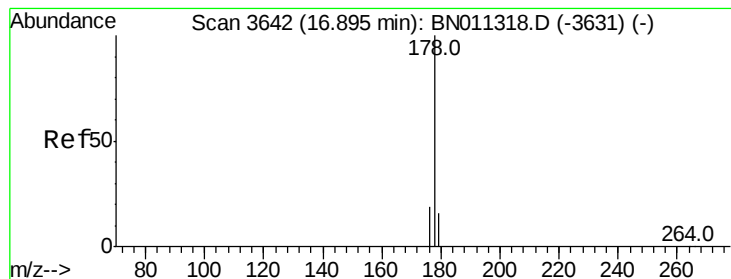


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.266 ng/ul

RT: 16.89 min Scan# 3641

Delta R.T. -0.00 min

Lab File: BN011344.D

Acq: 03 Aug 2020 21:51

Instrument :

BNA_N

ClientSampleId :

C0AF0

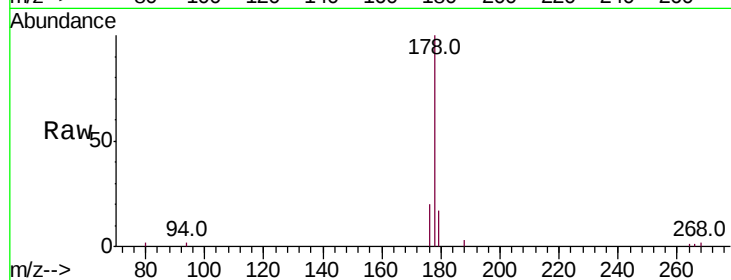
Tot Ion:178 Resp: 4884

Ion Ratio Lower Upper

178 100

179 16.6 12.6 18.8

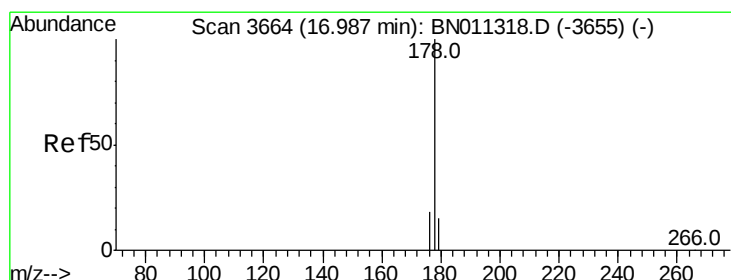
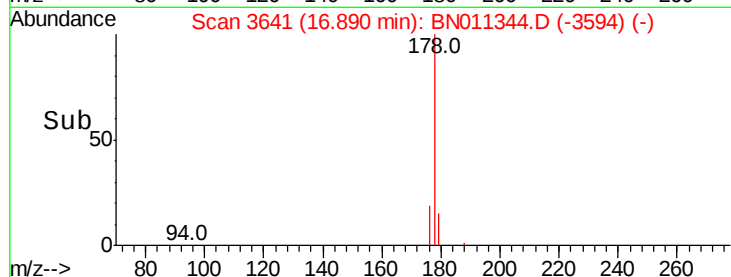
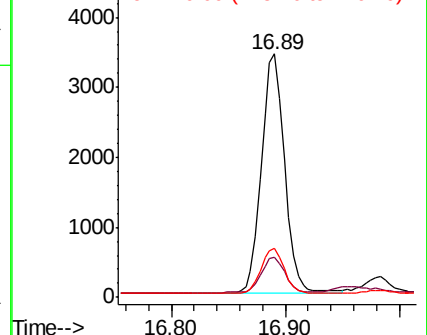
176 19.9 15.7 23.5



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: 0.023 ng/ul

RT: 16.98 min Scan# 3663

Delta R.T. -0.00 min

Lab File: BN011344.D

Acq: 03 Aug 2020 21:51

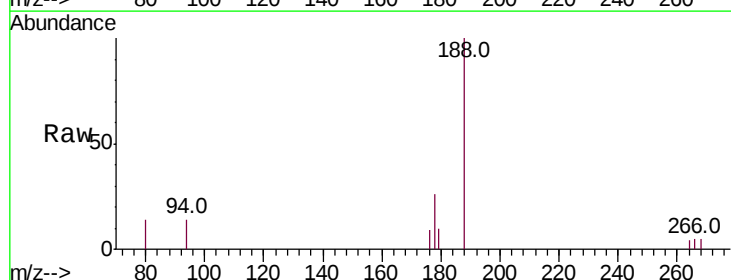
Tgt Ion:178 Resp: 372

Ion Ratio Lower Upper

178 100

179 39.2 13.1 19.7#

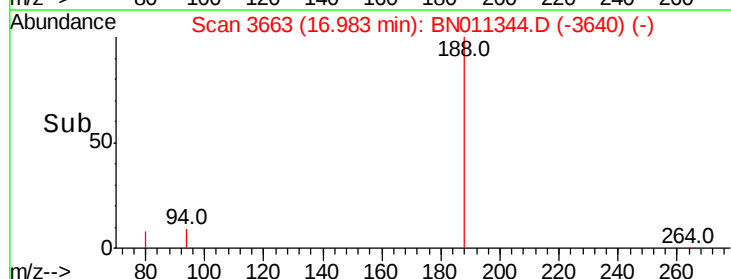
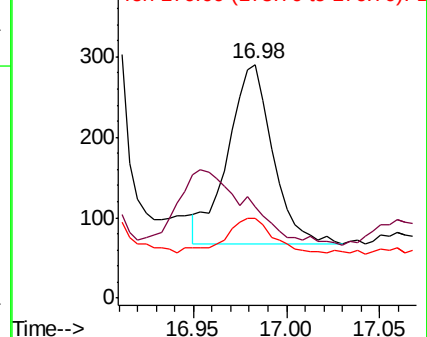
176 34.0 14.8 22.2#

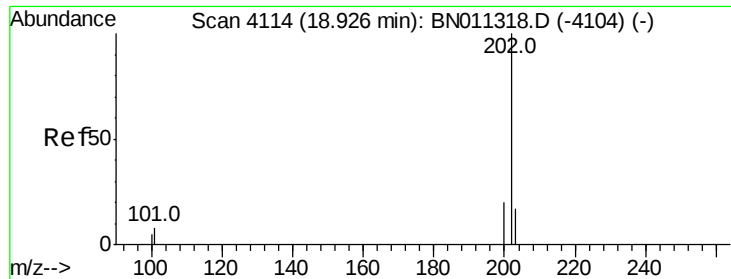


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.544 ng/ul

RT: 18.92 min Scan# 4112

Delta R.T. -0.00 min

Lab File: BN011344.D

Acq: 03 Aug 2020 21:51

Instrument :

BNA_N

ClientSampleId :

C0AF0

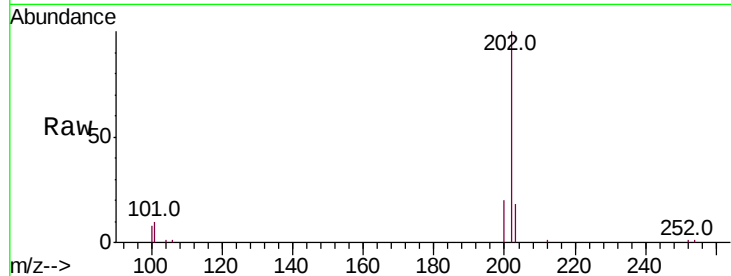
Tot Ion:202 Resp: 12338

Ion Ratio Lower Upper

202 100

101 9.8 0.0 28.2

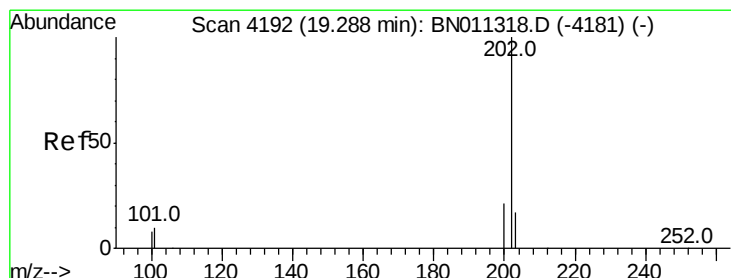
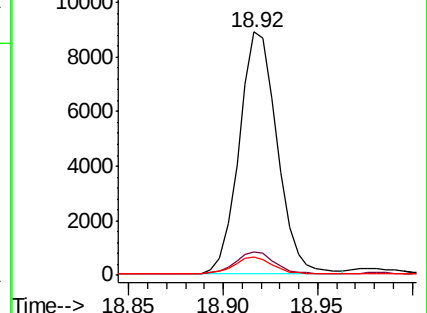
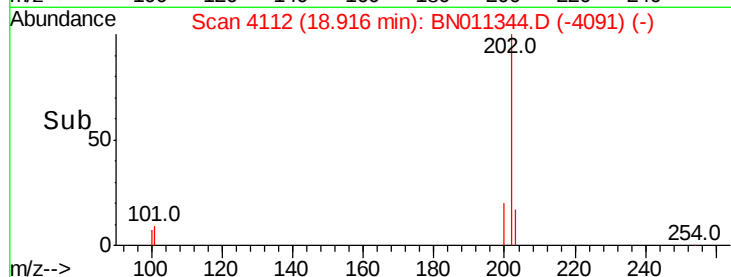
100 7.6 0.0 26.8



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: 0.324 ng/ul

RT: 19.28 min Scan# 4191

Delta R.T. -0.00 min

Lab File: BN011344.D

Acq: 03 Aug 2020 21:51

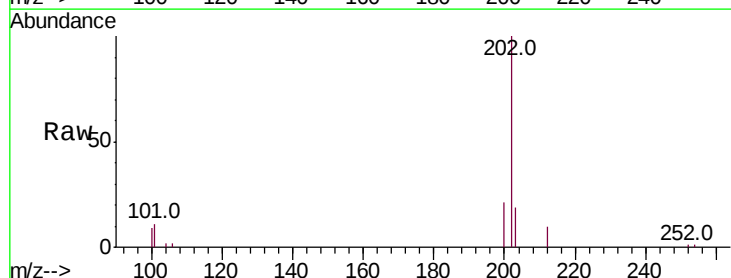
Tgt Ion:202 Resp: 10123

Ion Ratio Lower Upper

202 100

101 10.8 8.5 12.7

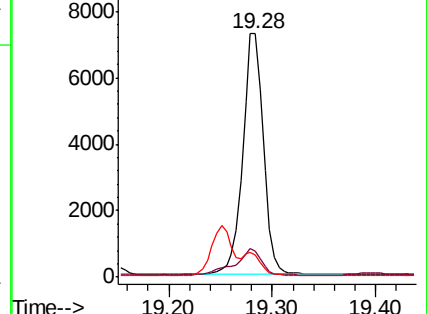
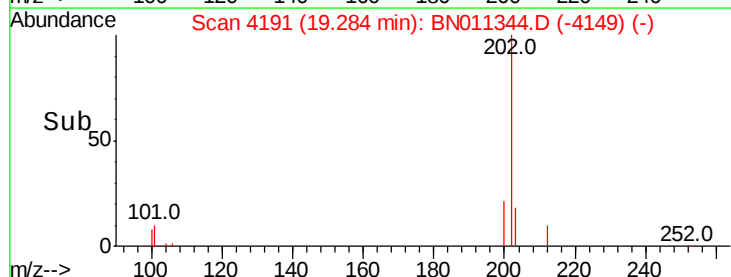
100 9.0 7.1 10.7

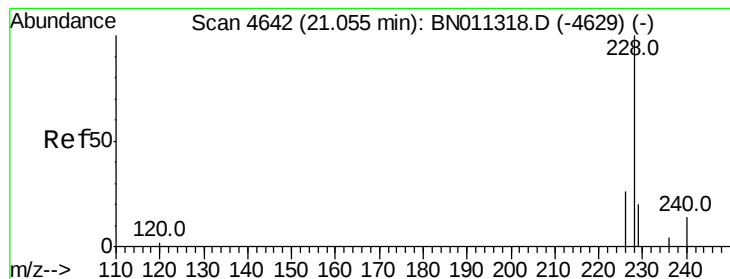


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.117 ng/ul

RT: 21.05 min Scan# 4640

Delta R.T. -0.00 min

Lab File: BN011344.D

Acq: 03 Aug 2020 21:51

Instrument :

BNA_N

ClientSampleId :

C0AF0

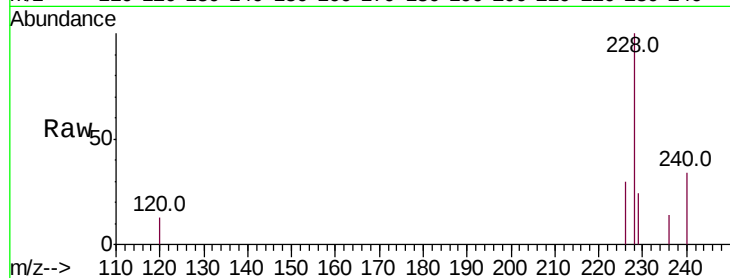
Tot Ion:228 Resp: 3088

Ion Ratio Lower Upper

228 100

229 23.9 16.1 24.1

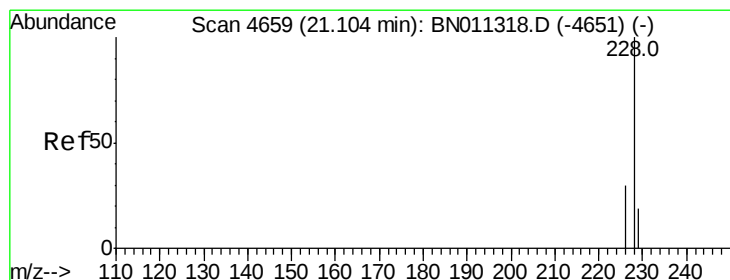
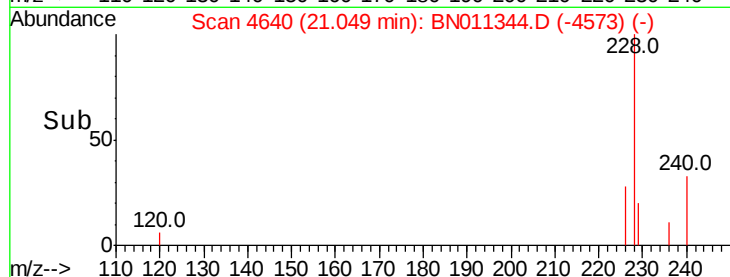
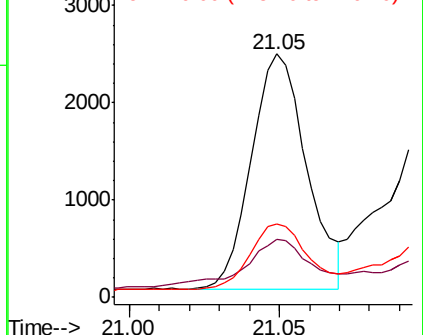
226 30.2 22.2 33.2



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: 0.111 ng/ul

RT: 21.10 min Scan# 4658

Delta R.T. -0.00 min

Lab File: BN011344.D

Acq: 03 Aug 2020 21:51

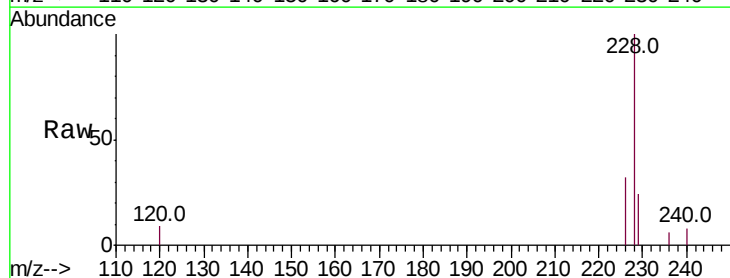
Tgt Ion:228 Resp: 3358

Ion Ratio Lower Upper

228 100

226 32.4 24.5 36.7

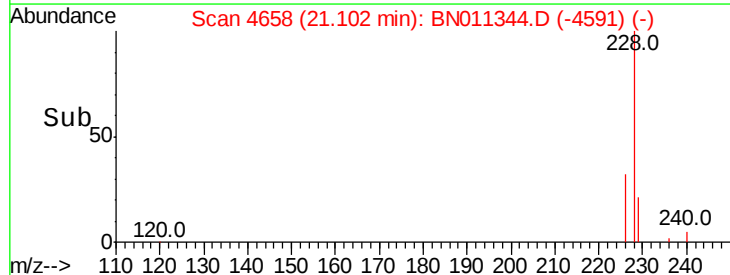
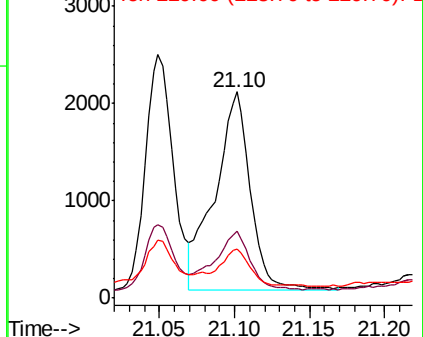
229 24.1 15.8 23.6#

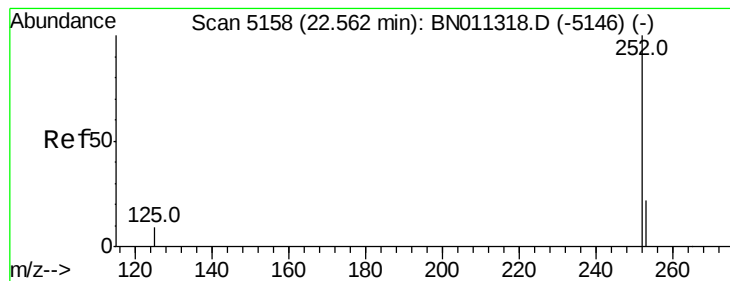


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.160 ng/ul

RT: 22.56 min Scan# 5158

Delta R.T. -0.00 min

Lab File: BN011344.D

Acq: 03 Aug 2020 21:51

Instrument :

BNA_N

ClientSampleId :

C0AF0

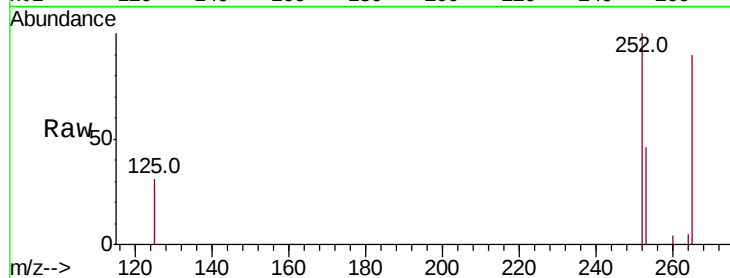
Tot Ion:252 Resp: 4840

Ion Ratio Lower Upper

252 100

253 45.7 0.0 51.8

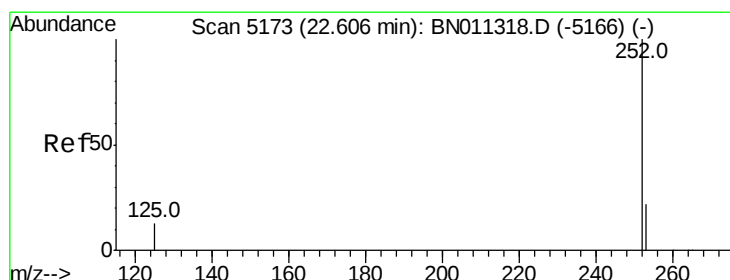
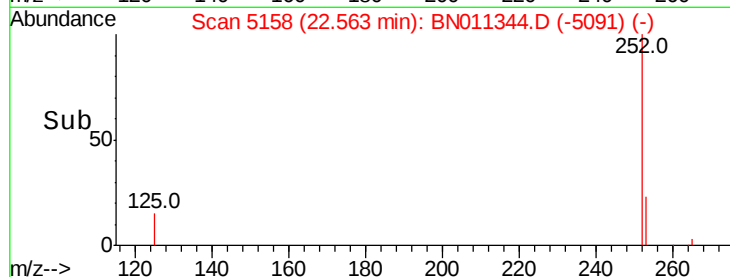
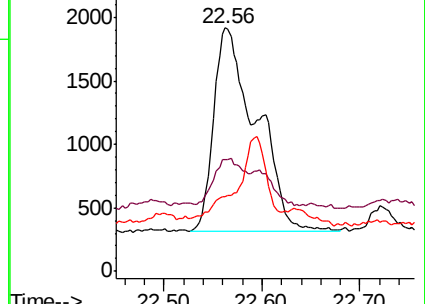
125 30.7 0.0 24.2#



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: 0.143 ng/ul

RT: 22.56 min Scan# 5158

Delta R.T. -0.04 min

Lab File: BN011344.D

Acq: 03 Aug 2020 21:51

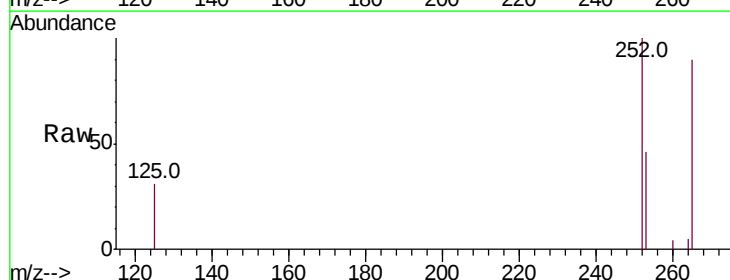
Tgt Ion:252 Resp: 4840

Ion Ratio Lower Upper

252 100

253 45.7 21.4 32.0#

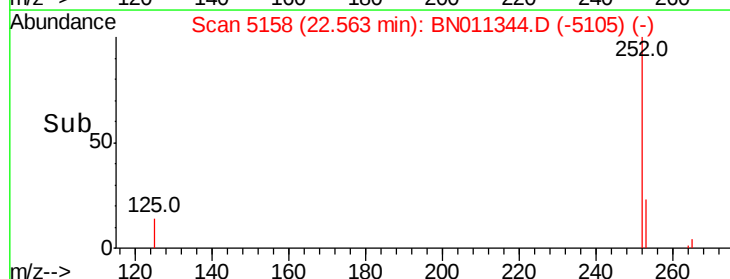
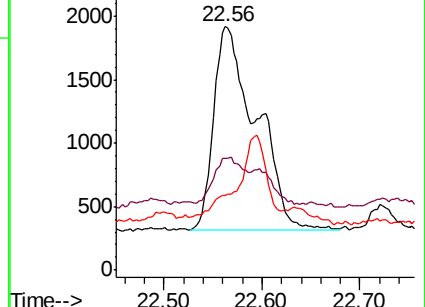
125 30.7 12.6 18.8#

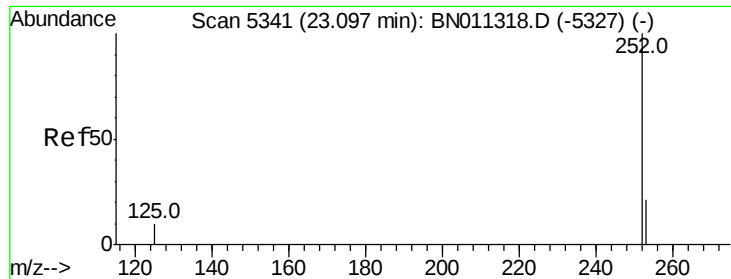


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.036 ng/u1

RT: 23.09 min Scan# 5338

Delta R.T. -0.01 min

Lab File: BN011344.D

Acq: 03 Aug 2020 21:51

Instrument :

BNA_N

ClientSampleId :

C0AF0

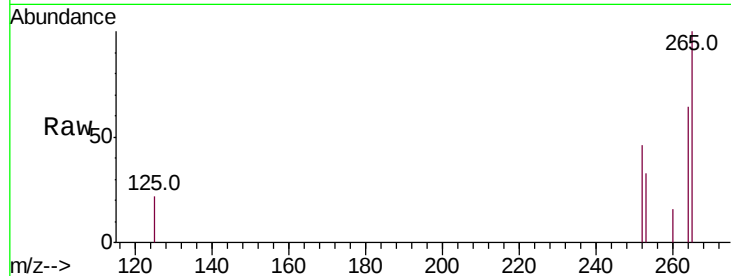
Tot Ion:252 Resp: 952

Ion Ratio Lower Upper

252 100

253 70.9 22.6 34.0#

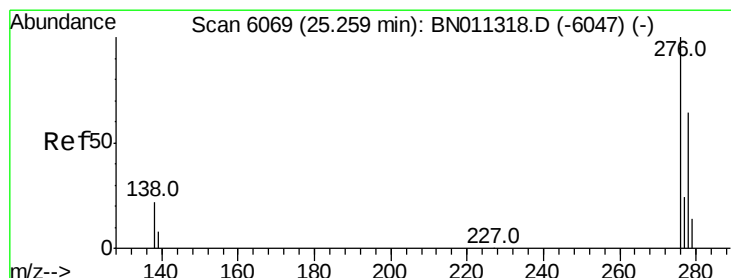
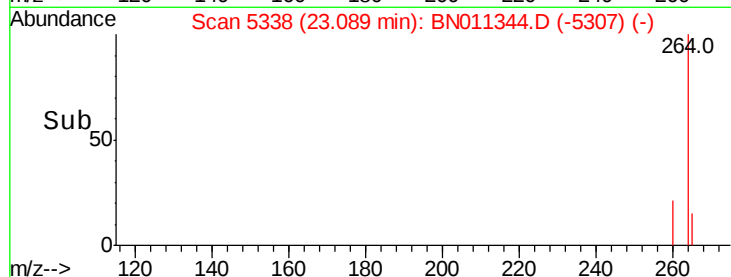
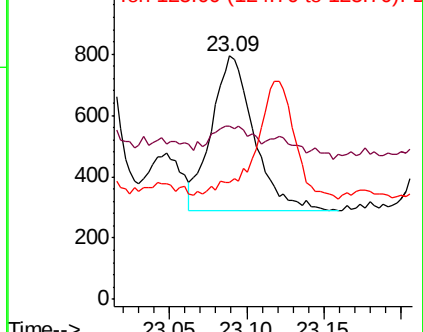
125 48.0 12.6 18.8#



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: 0.034 ng/u1

RT: 25.25 min Scan# 6067

Delta R.T. -0.00 min

Lab File: BN011344.D

Acq: 03 Aug 2020 21:51

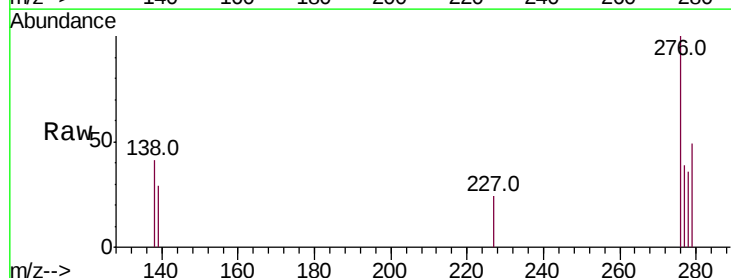
Tgt Ion:276 Resp: 926

Ion Ratio Lower Upper

276 100

138 15.9 18.1 27.1#

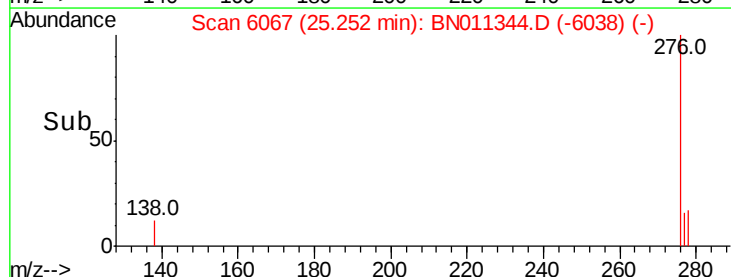
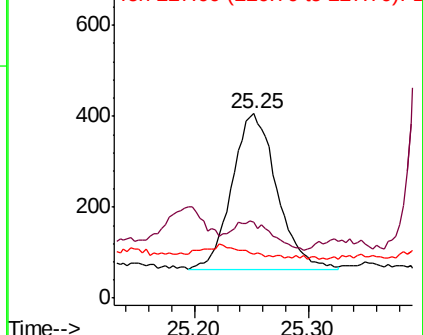
227 0.0 0.2 0.4#

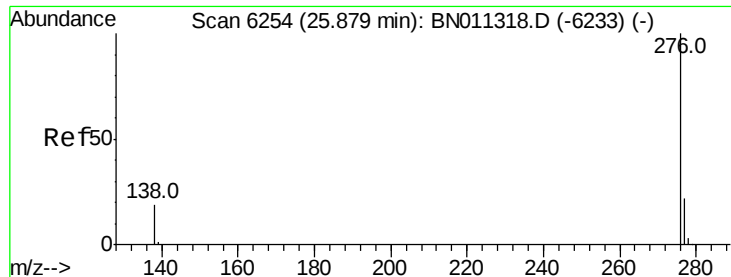


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.032 ng/ul

RT: 25.88 min Scan# 6254

Delta R.T. -0.00 min

Lab File: BN011344.D

Acq: 03 Aug 2020 21:51

Instrument :

BNA_N

ClientSampleId :

C0AF0

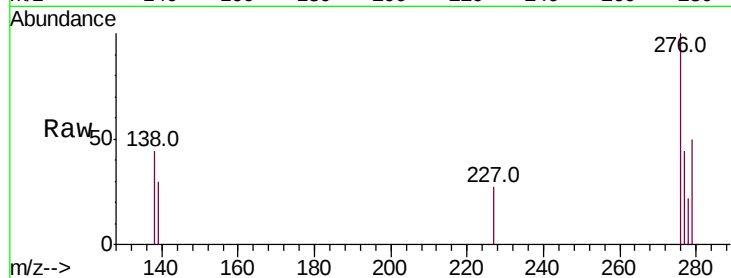
Tot Ion:276 Resp: 795

Ion Ratio Lower Upper

276 100

138 44.1 16.4 24.6#

277 43.5 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

