

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080620\
 Data File : BN011385.D
 Acq On : 06 Aug 2020 18:38
 Operator : CG/JU
 Sample : L3419-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AF0

Quant Time: Aug 07 02:06:09 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 : Fri Aug 07 02:04:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	986	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	3467	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	1878	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.84	188	4168	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	4241	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	4643	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	1134	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.88	212	2719	0.14	ng/ul	0.00

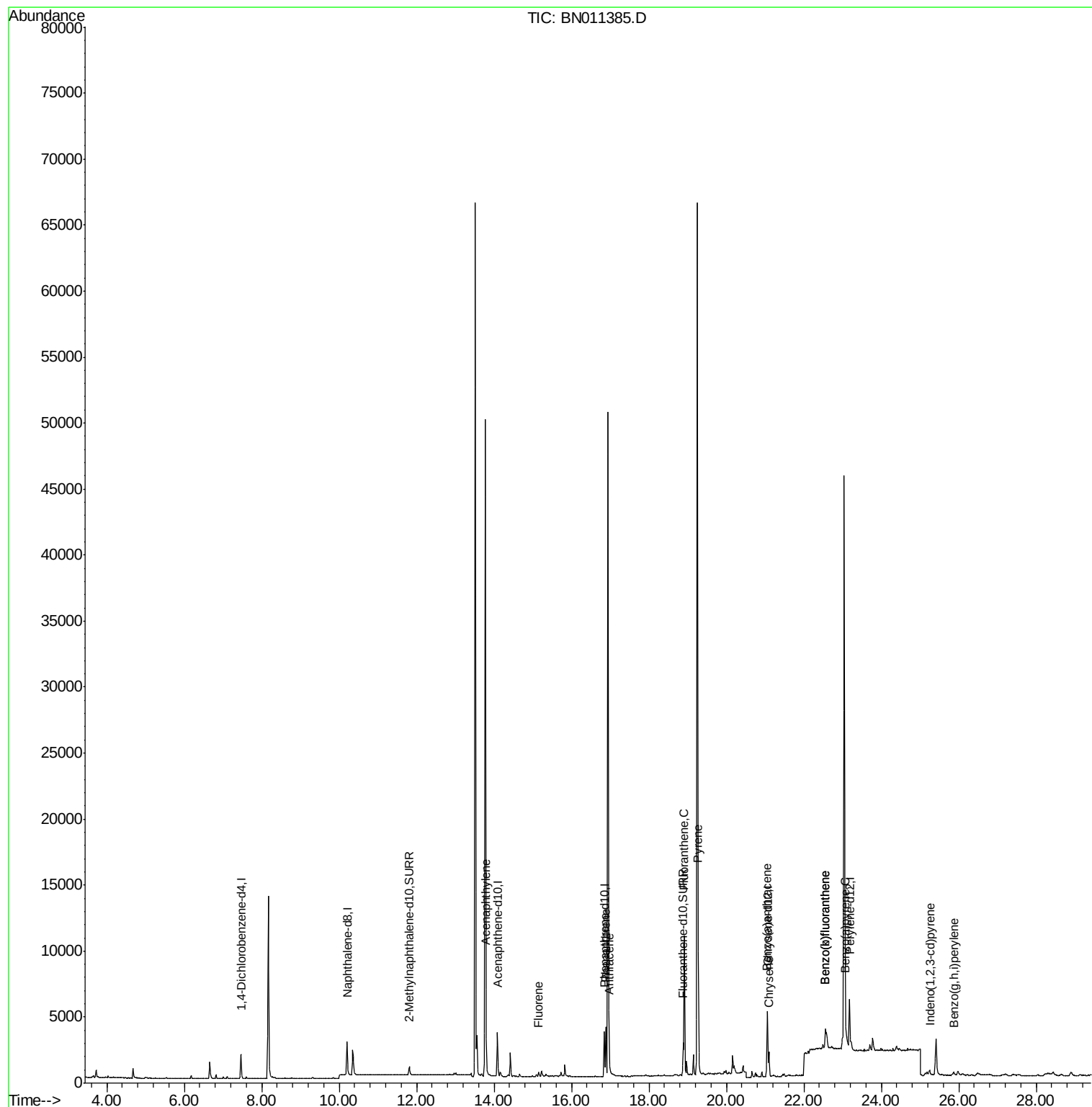
Target Compounds				Ovalue		
7) Acenaphthylene	13.80	152	180	0.020	ng/ul#	47
9) Fluorene	15.15	166	208	0.025	ng/ul#	91
12) Phenanthrene	16.88	178	3795	0.275	ng/ul	98
13) Anthracene	16.97	178	280	0.023	ng/ul#	43
15) Fluoranthene	18.91	202	9494	0.558	ng/ul	99
17) Pyrene	19.27	202	7289	0.378	ng/ul	100
18) Benzo(a)anthracene	21.05	228	1809	0.111	ng/ul#	93
19) Chrysene	21.10	228	2000	0.107	ng/ul#	92
21) Benzo(b)fluoranthene	22.55	252	3196	0.165	ng/ul#	51
22) Benzo(k)fluoranthene	22.55	252	3196	0.147	ng/ul#	57
23) Benzo(a)pyrene	23.08	252	660	0.039	ng/ul#	6
24) Indeno(1,2,3-cd)pyrene	25.25	276	579	0.033	ng/ul#	82
26) Benzo(g,h,i)perylene	25.87	276	520	0.032	ng/ul#	55

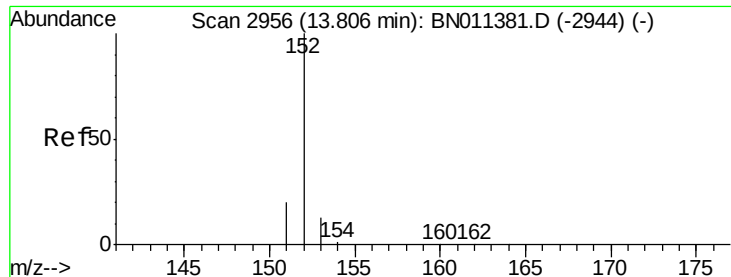
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080620\
Data File : BN011385.D
Acq On : 06 Aug 2020 18:38
Operator : CG/JU
Sample : L3419-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF0

Quant Time: Aug 07 02:06:09 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 : Fri Aug 07 02:04:45 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.020 ng/ul

RT: 13.80 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BN011385.D

Acq: 06 Aug 2020 18:38

Instrument :

BNA_N

ClientSampleId :

C0AF0

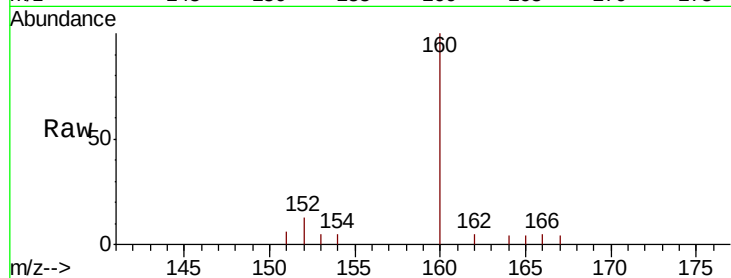
Tot Ion:152 Resp: 180

Ion Ratio Lower Upper

152 100

151 43.6 17.1 25.7#

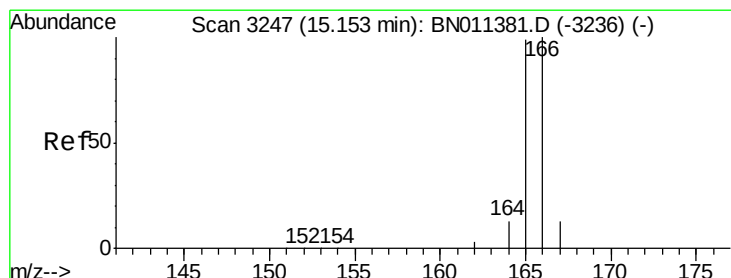
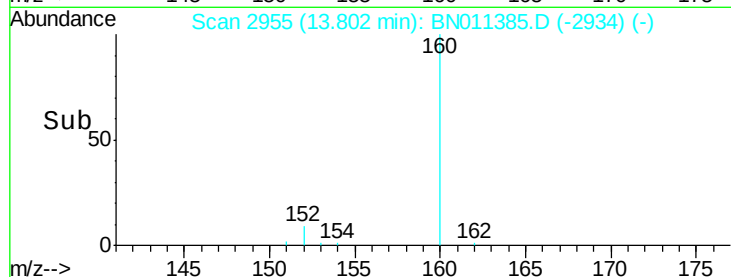
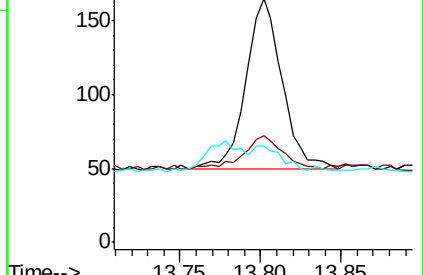
153 39.4 11.4 17.0#



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: 0.025 ng/ul

RT: 15.15 min Scan# 3246

Delta R.T. -0.00 min

Lab File: BN011385.D

Acq: 06 Aug 2020 18:38

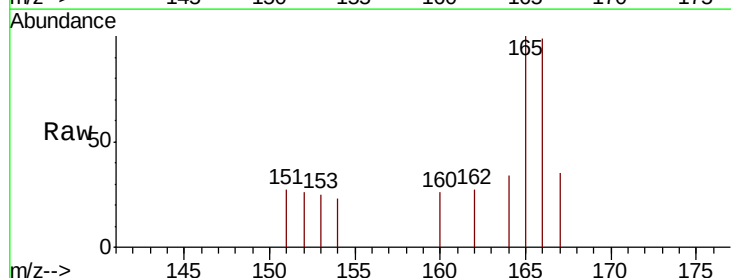
Tgt Ion:166 Resp: 208

Ion Ratio Lower Upper

166 100

165 101.0 78.8 118.2

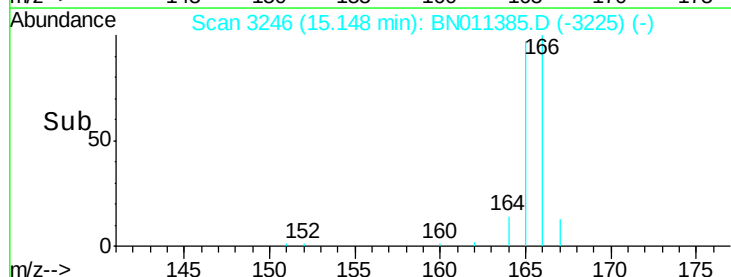
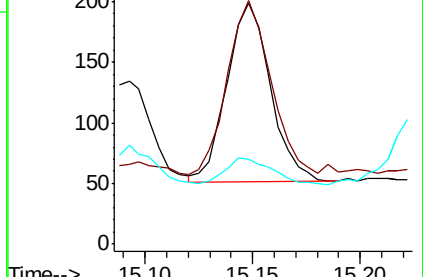
167 35.2 12.1 18.1#

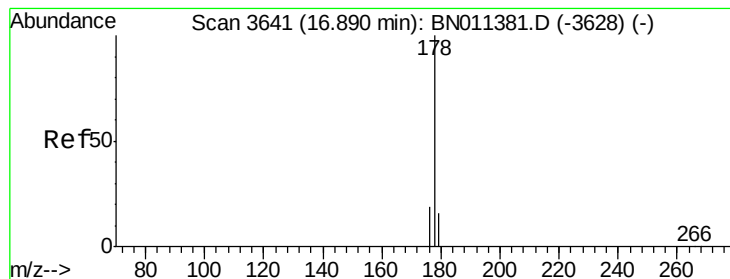


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.275 ng/ul

RT: 16.88 min Scan# 3639

Delta R.T. -0.01 min

Lab File: BN011385.D

Acq: 06 Aug 2020 18:38

Instrument :

BNA_N

ClientSampleId :

C0AF0

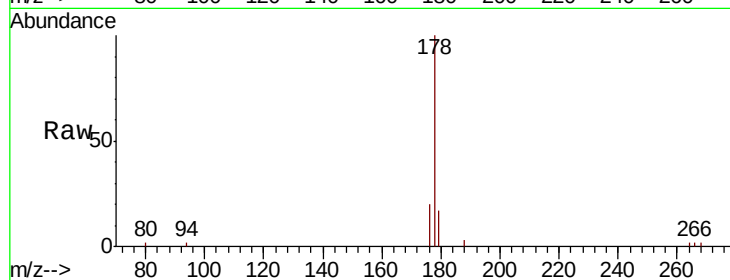
Tot Ion:178 Resp: 3795

Ion Ratio Lower Upper

178 100

179 16.6 12.6 18.8

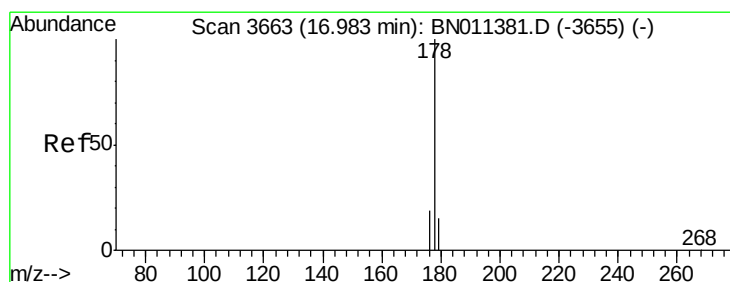
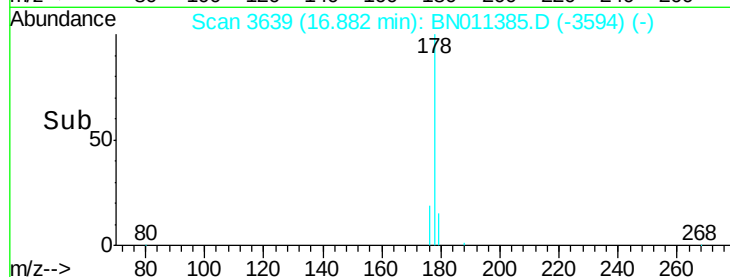
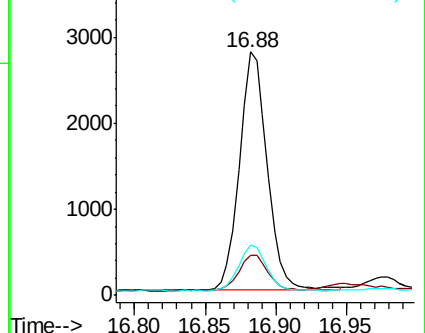
176 20.5 15.7 23.5



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: 0.023 ng/ul

RT: 16.97 min Scan# 3661

Delta R.T. -0.01 min

Lab File: BN011385.D

Acq: 06 Aug 2020 18:38

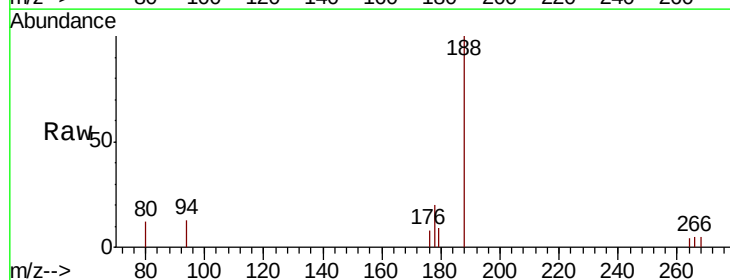
Tgt Ion:178 Resp: 280

Ion Ratio Lower Upper

178 100

179 47.0 13.1 19.7#

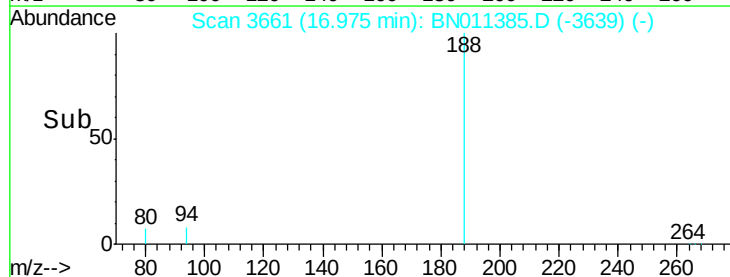
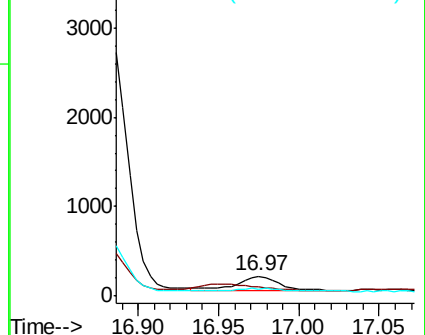
176 37.9 14.8 22.2#

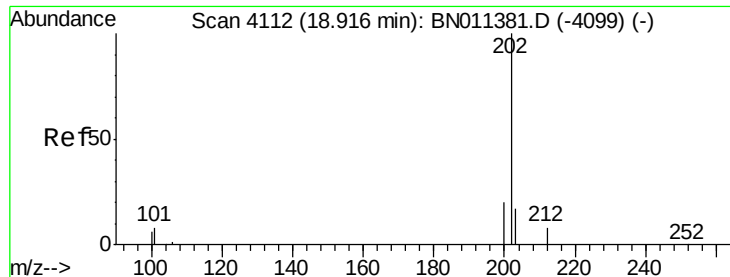


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

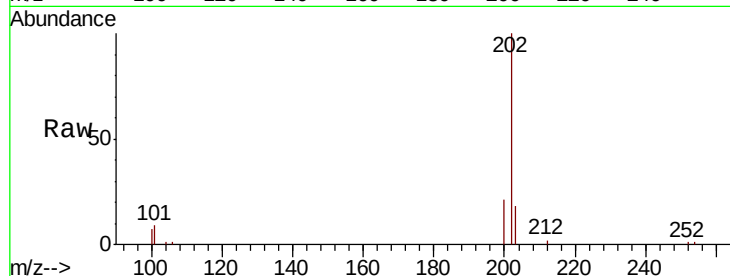




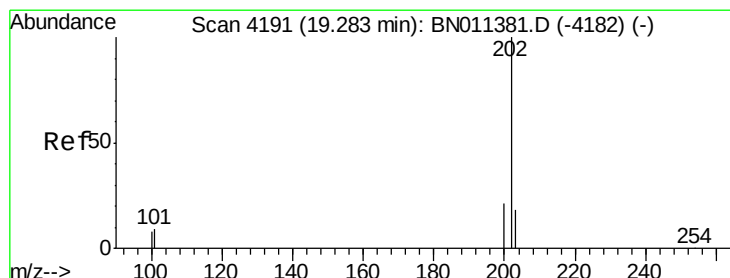
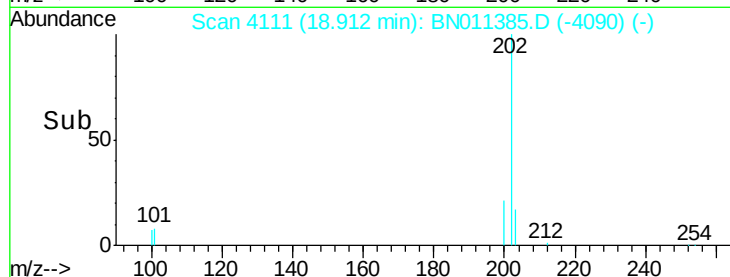
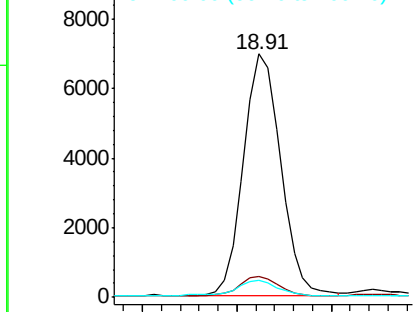
#15
Fluoranthene
 Concen: 0.558 ng/ul
 RT: 18.91 min Scan# 4111
 Delta R.T. -0.00 min
 Lab File: BN011385.D
 Acq: 06 Aug 2020 18:38

Instrument :
 BNA_N
 ClientSampleId :
 C0AF0

Tot Ion:202 Resp: 9494
 Ion Ratio Lower Upper
 202 100
 101 8.6 0.0 28.2
 100 7.3 0.0 26.8

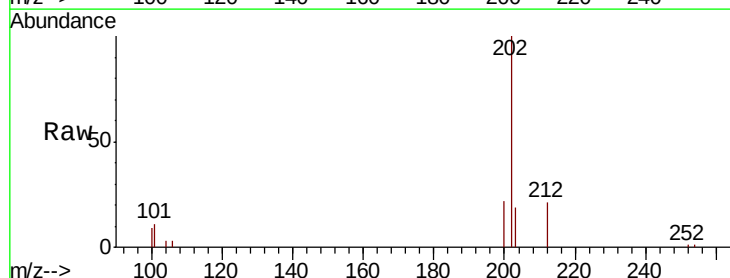


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

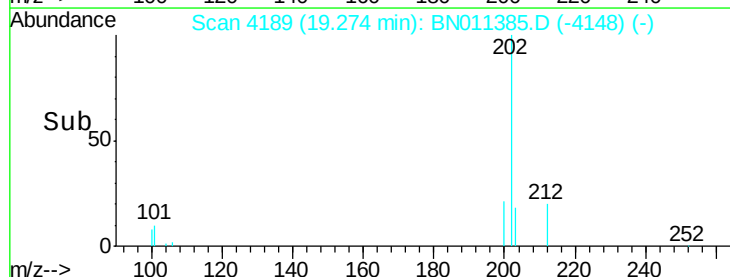
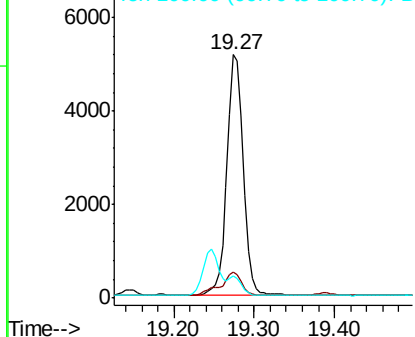


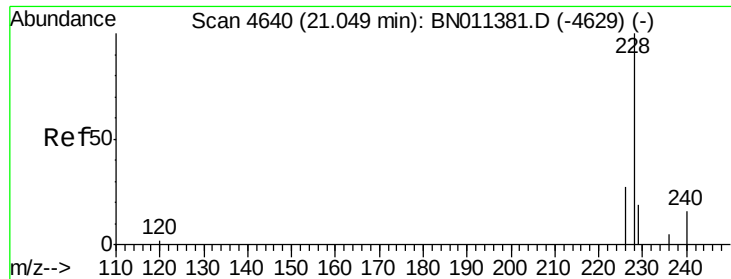
#17
Pyrene
 Concen: 0.378 ng/ul
 RT: 19.27 min Scan# 4189
 Delta R.T. -0.01 min
 Lab File: BN011385.D
 Acq: 06 Aug 2020 18:38

Tgt Ion:202 Resp: 7289
 Ion Ratio Lower Upper
 202 100
 101 10.7 8.5 12.7
 100 9.1 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: 0.111 ng/ul

RT: 21.05 min Scan# 4639

Delta R.T. -0.00 min

Lab File: BN011385.D

Acq: 06 Aug 2020 18:38

Instrument :

BNA_N

ClientSampleId :

C0AF0

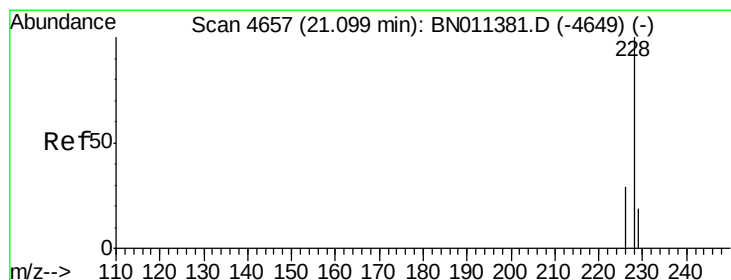
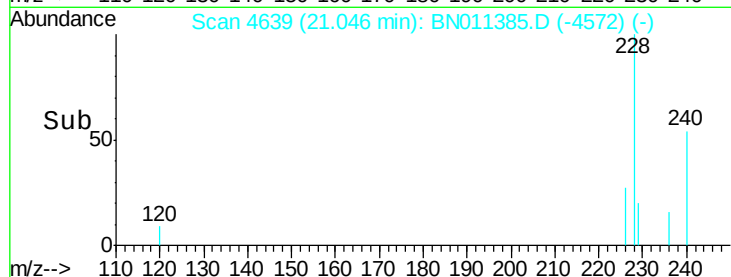
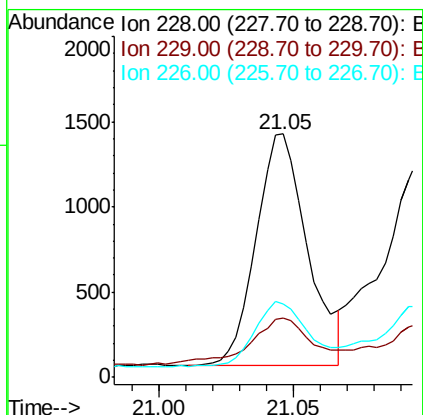
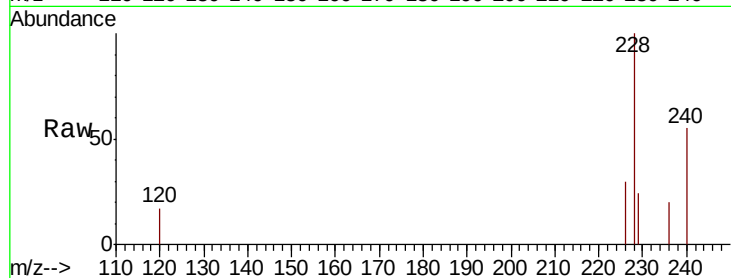
Tot Ion:228 Resp: 1809

Ion Ratio Lower Upper

228 100

229 24.4 16.1 24.1#

226 30.1 22.2 33.2



#19

Chrysene

Concen: 0.107 ng/ul

RT: 21.10 min Scan# 4656

Delta R.T. -0.00 min

Lab File: BN011385.D

Acq: 06 Aug 2020 18:38

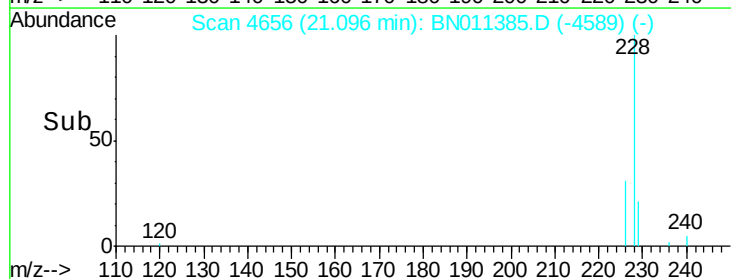
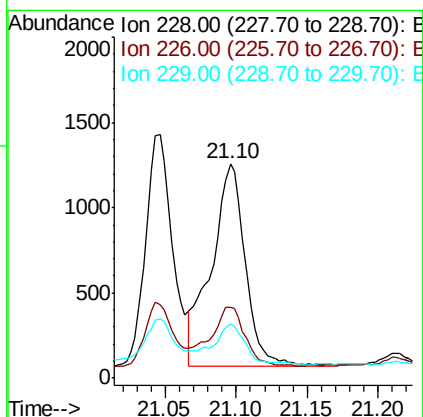
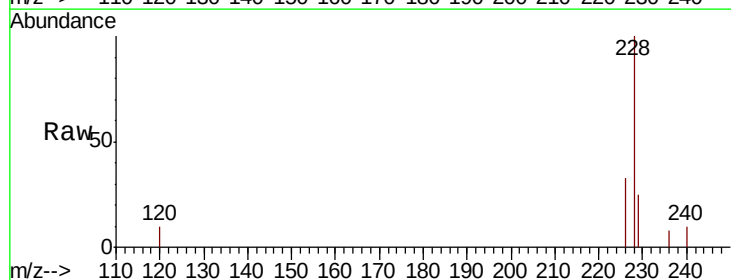
Tgt Ion:228 Resp: 2000

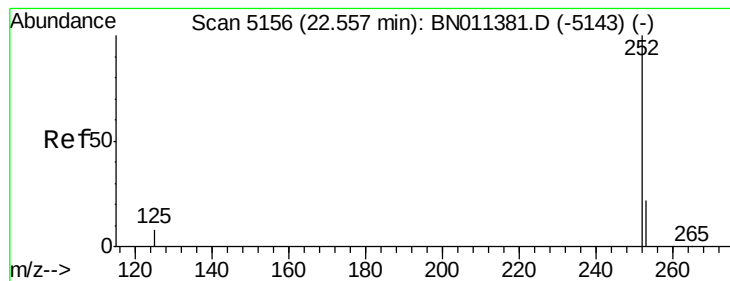
Ion Ratio Lower Upper

228 100

226 33.2 24.5 36.7

229 25.3 15.8 23.6#





#21

Benzo(b)fluoranthene

Concen: 0.165 ng/ul

RT: 22.55 min Scan# 5155

Delta R.T. -0.00 min

Lab File: BN011385.D

Acq: 06 Aug 2020 18:38

Instrument :

BNA_N

ClientSampleId :

C0AF0

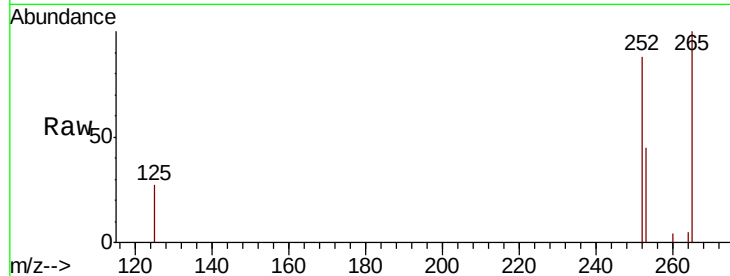
Tot Ion:252 Resp: 3196

Ion Ratio Lower Upper

252 100

253 51.0 0.0 51.8

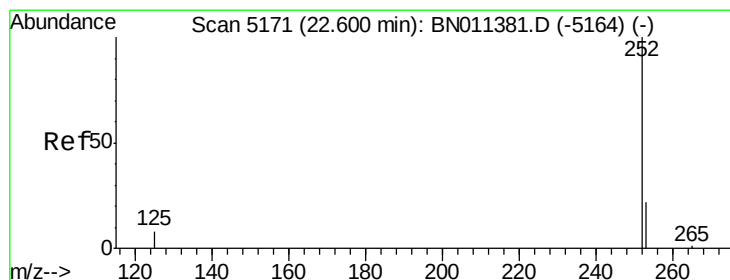
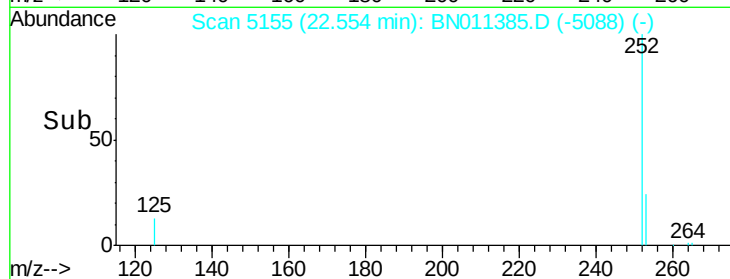
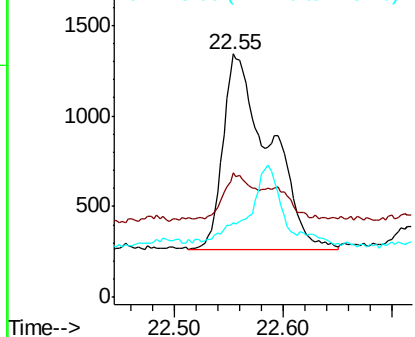
125 30.9 0.0 24.2#



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: 0.147 ng/ul

RT: 22.55 min Scan# 5155

Delta R.T. -0.05 min

Lab File: BN011385.D

Acq: 06 Aug 2020 18:38

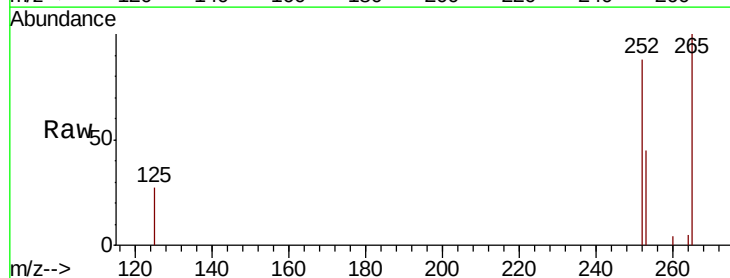
Tgt Ion:252 Resp: 3196

Ion Ratio Lower Upper

252 100

253 51.0 21.4 32.0#

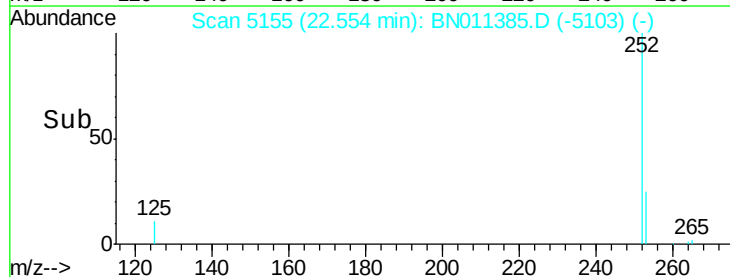
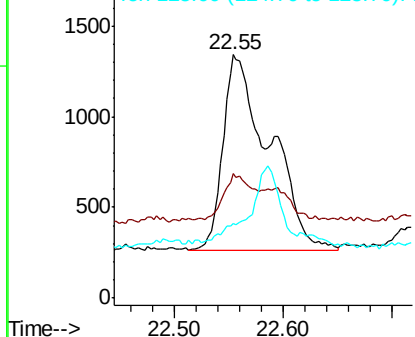
125 30.9 12.6 18.8#

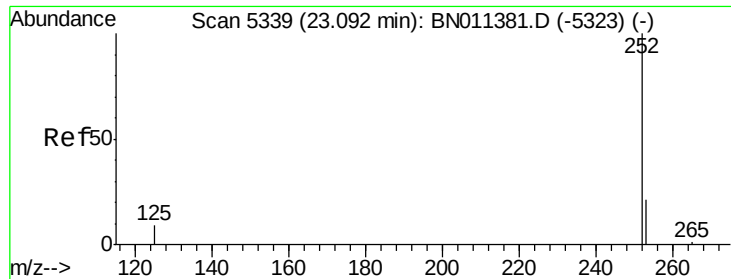


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.039 ng/ul

RT: 23.08 min Scan# 5336

Delta R.T. -0.01 min

Lab File: BN011385.D

Acq: 06 Aug 2020 18:38

Instrument :

BNA_N

ClientSampleId :

C0AF0

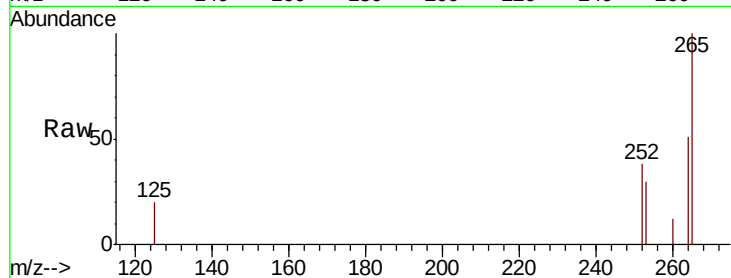
Tot Ion:252 Resp: 660

Ion Ratio Lower Upper

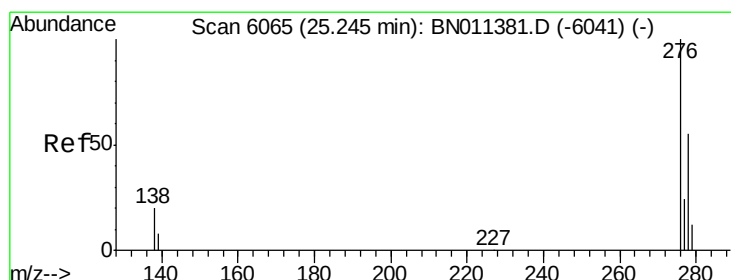
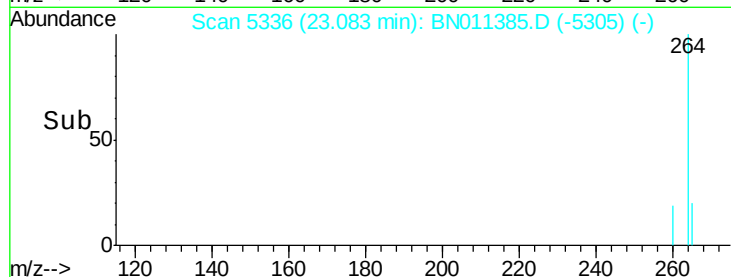
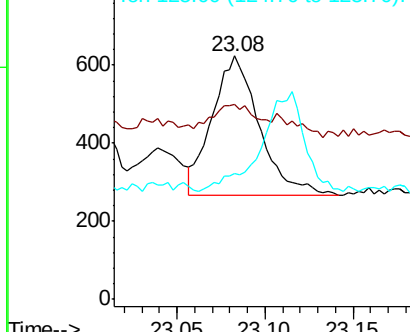
252 100

253 80.3 22.6 34.0#

125 51.8 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: 0.033 ng/ul

RT: 25.25 min Scan# 6065

Delta R.T. -0.00 min

Lab File: BN011385.D

Acq: 06 Aug 2020 18:38

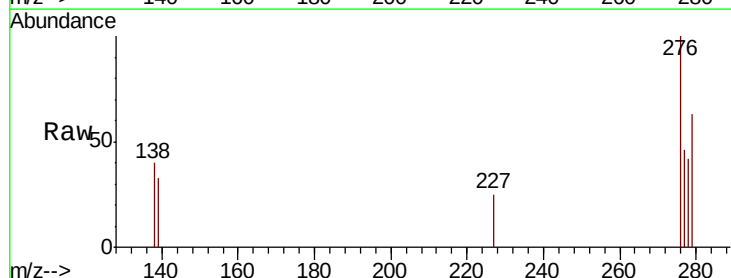
Tgt Ion:276 Resp: 579

Ion Ratio Lower Upper

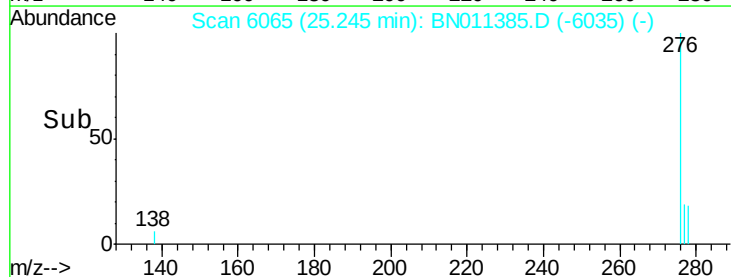
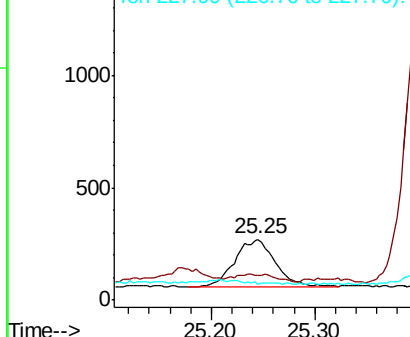
276 100

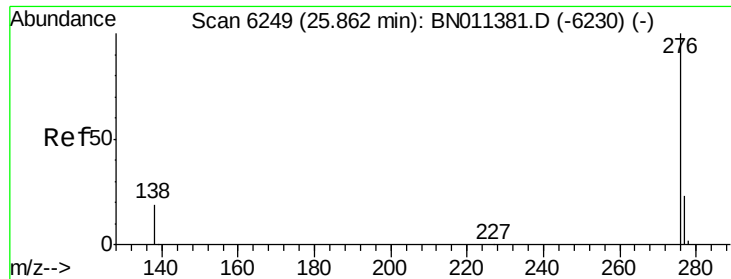
138 14.0 18.1 27.1#

227 1.6 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: 25.87 min Scan# 6250

Delta R.T. -0.00 min

Lab File: BN011385.D

Acq: 06 Aug 2020 18:38

Instrument :

BNA_N

ClientSampleId :

C0AF0

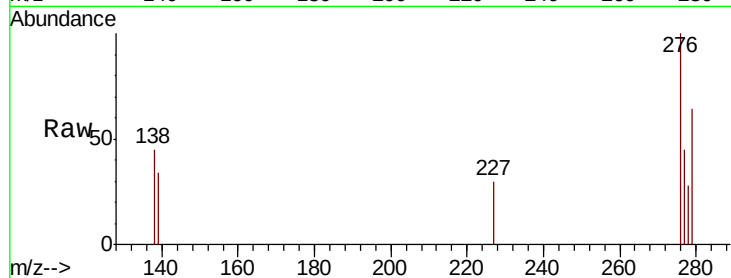
Tot Ion: 276 Resp: 520

Ion Ratio Lower Upper

276 100

138 44.6 16.4 24.6#

277 45.0 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

