

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011760.D
 Acq On : 09 Sep 2020 05:45
 Operator : CG/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.499

Quant Time: Sep 09 07:13:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 07:05:35 2020
 Response via : Initial Calibration

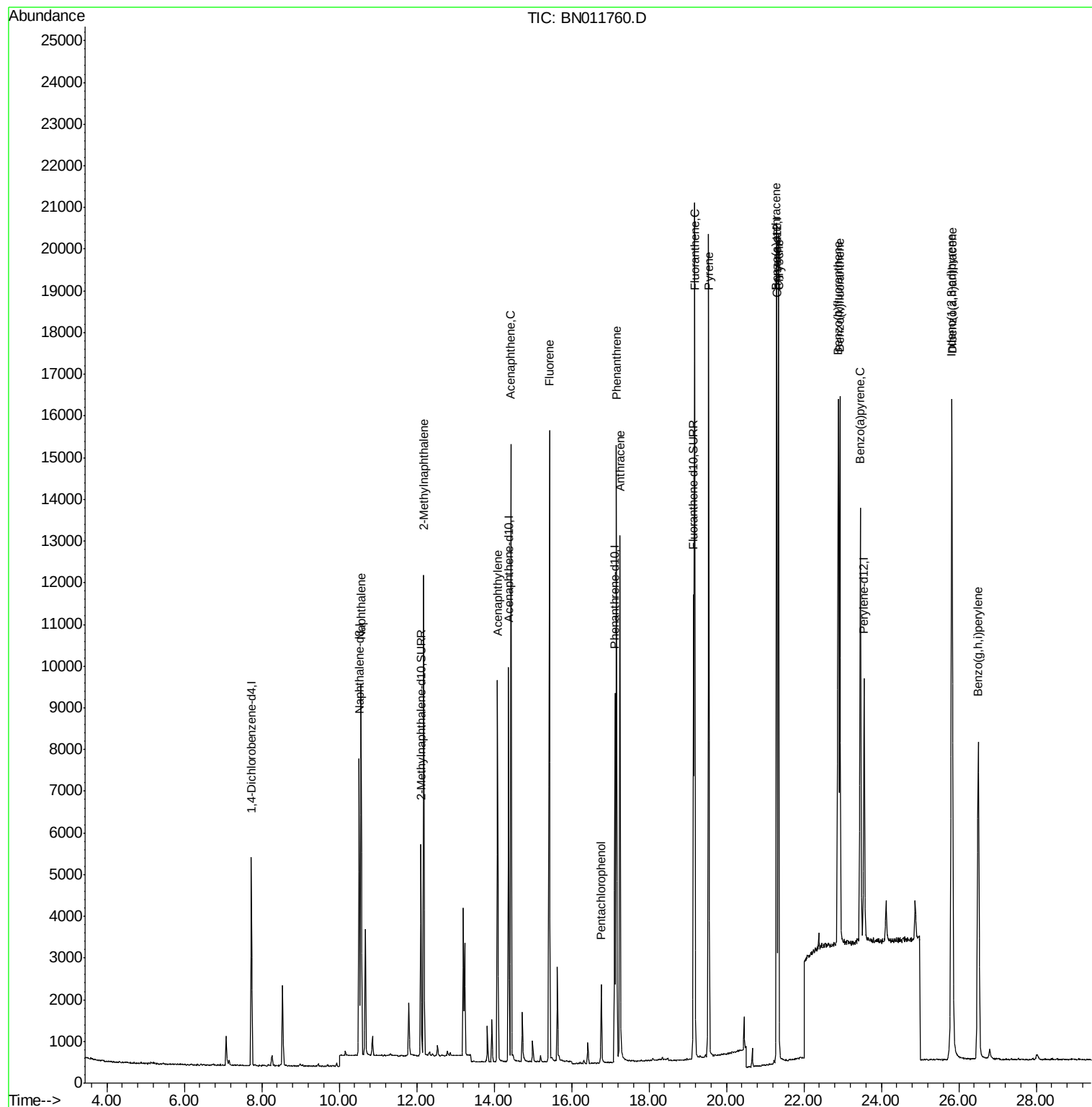
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2436	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9186	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	5044	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	10611	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	8828	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	8364	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	6233	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	12032	0.43	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	11691	0.430	ng/ul	98
5) 2-Methylnaphthalene	12.18	142	7827	0.432	ng/ul	100
7) Acenaphthylene	14.09	152	10363	0.426	ng/ul	99
8) Acenaphthene	14.44	153	8374	0.429	ng/ul	99
9) Fluorene	15.43	166	9450	0.419	ng/ul	97
11) Pentachlorophenol	16.77	266	1219	0.381	ng/ul	99
12) Phenanthrene	17.16	178	15357	0.430	ng/ul	99
13) Anthracene	17.25	178	13795	0.434	ng/ul	99
15) Fluoranthene	19.18	202	16924	0.427	ng/ul	99
17) Pyrene	19.54	202	17026	0.434	ng/ul	99
18) Benzo(a)anthracene	21.29	228	14869	0.433	ng/ul	99
19) Chrysene	21.34	228	16302	0.425	ng/ul	99
21) Benzo(b)fluoranthene	22.88	252	16378	0.418	ng/ul	98
22) Benzo(k)fluoranthene	22.92	252	17106	0.425	ng/ul	98
23) Benzo(a)pyrene	23.46	252	14859	0.439	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	25.81	276	19309	0.434	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.83	278	15708	0.433	ng/ul	97
26) Benzo(g,h,i)perylene	26.50	276	16136	0.415	ng/ul	98

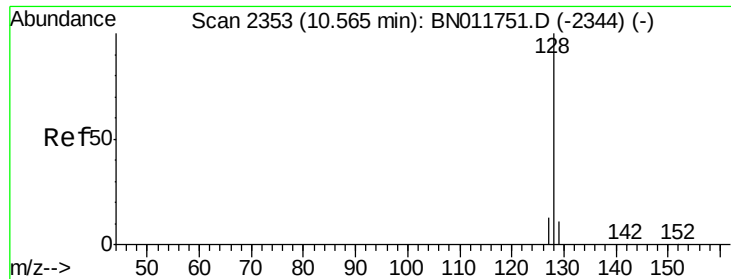
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.430 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BN011760.D

Acq: 09 Sep 2020 05:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.499

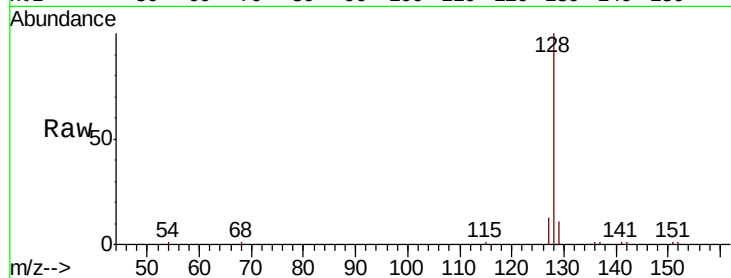
Tot Ion:128 Resp: 11691

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.6

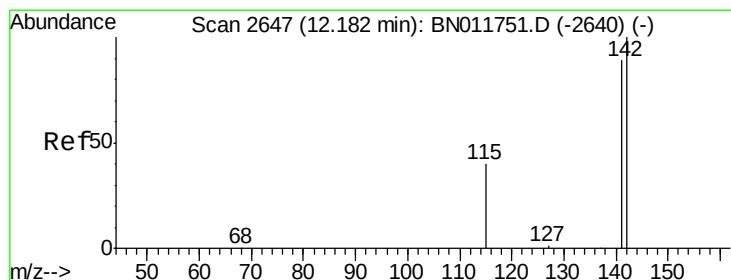
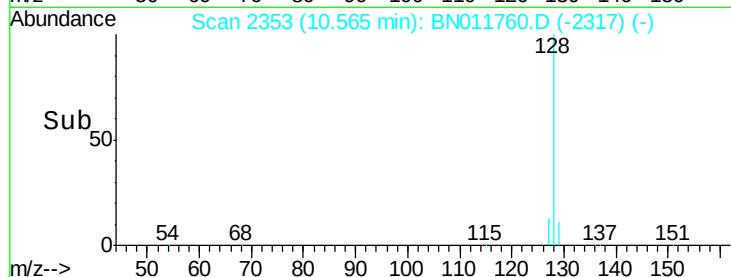
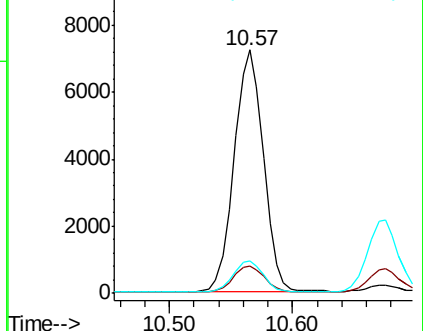
127 13.3 11.0 16.6



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: 0.432 ng/ul

RT: 12.18 min Scan# 2647

Delta R.T. 0.00 min

Lab File: BN011760.D

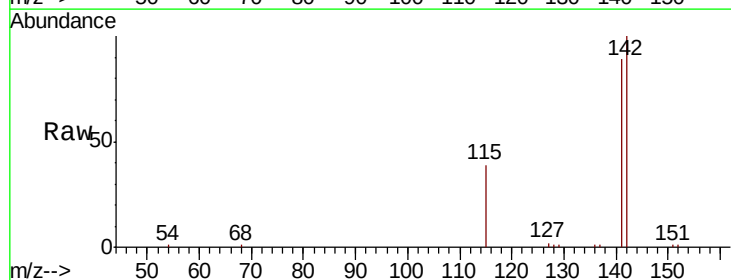
Acq: 09 Sep 2020 05:45

Tgt Ion:142 Resp: 7827

Ion Ratio Lower Upper

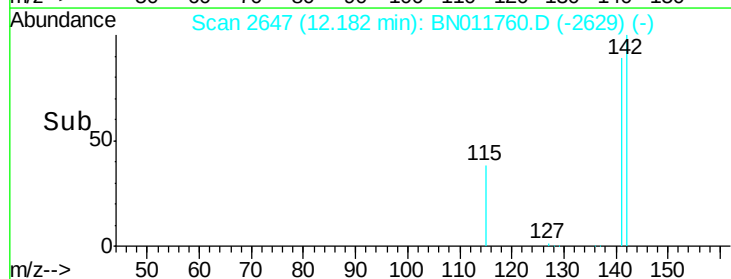
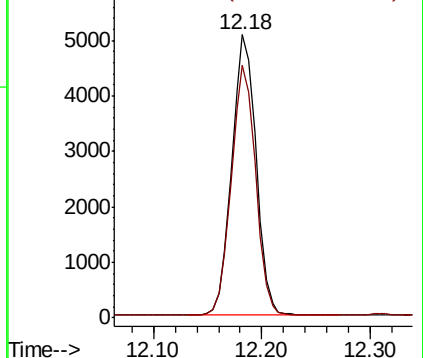
142 100

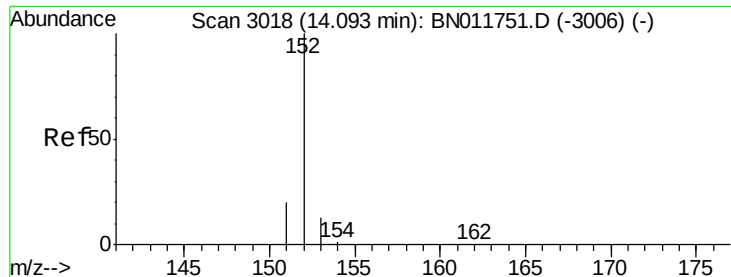
141 88.9 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.426 ng/ul

RT: 14.09 min Scan# 3017

Delta R.T. -0.00 min

Lab File: BN011760.D

Acq: 09 Sep 2020 05:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.499

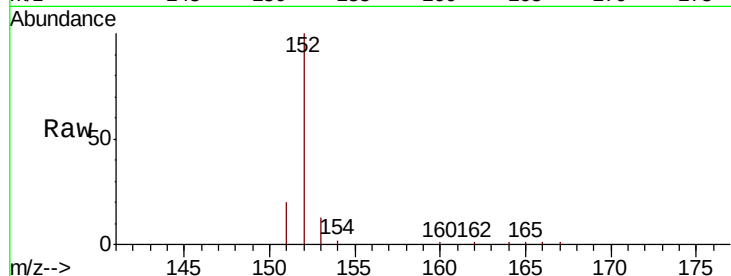
Tot Ion:152 Resp: 10363

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

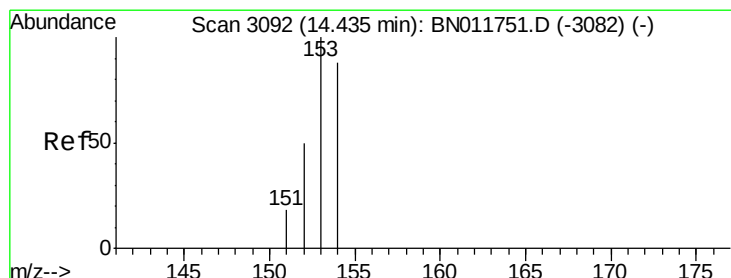
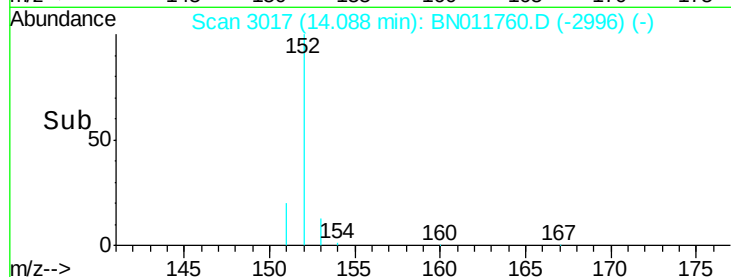
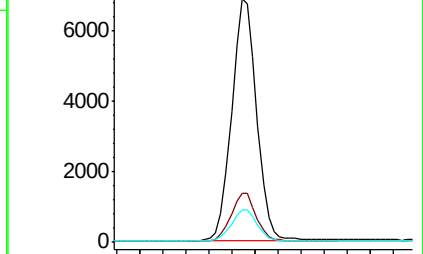
153 13.4 11.4 17.0



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



#8

Acenaphthene

Concen: 0.429 ng/ul

RT: 14.44 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BN011760.D

Acq: 09 Sep 2020 05:45

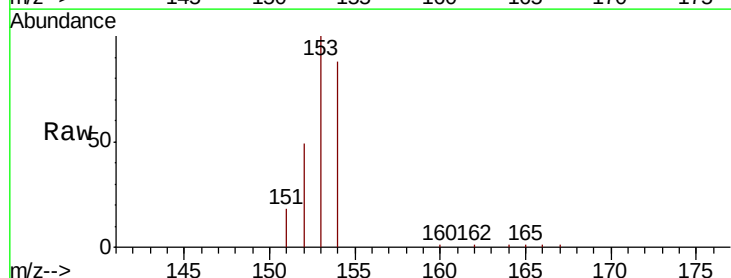
Tgt Ion:153 Resp: 8374

Ion Ratio Lower Upper

153 100

152 48.7 40.3 60.5

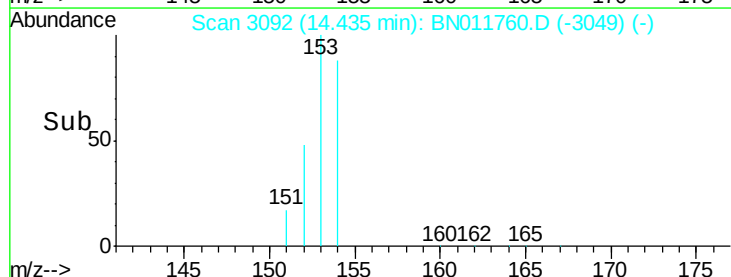
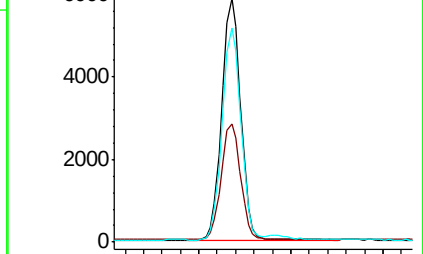
154 87.8 70.1 105.1

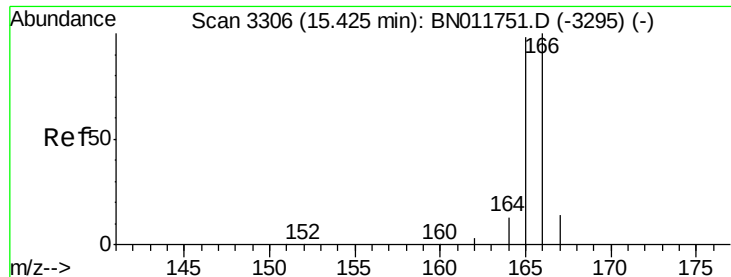


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

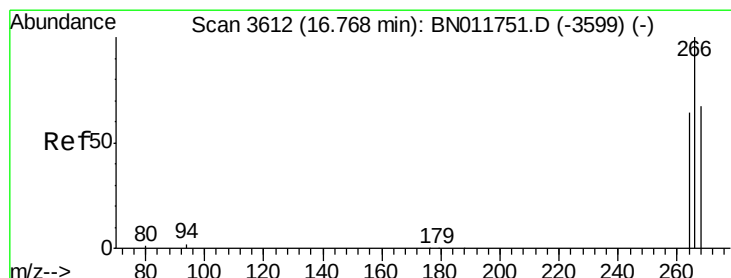
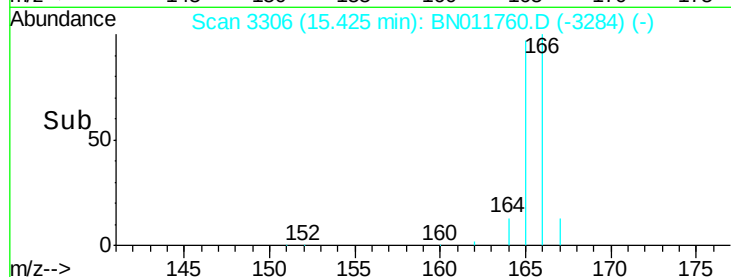
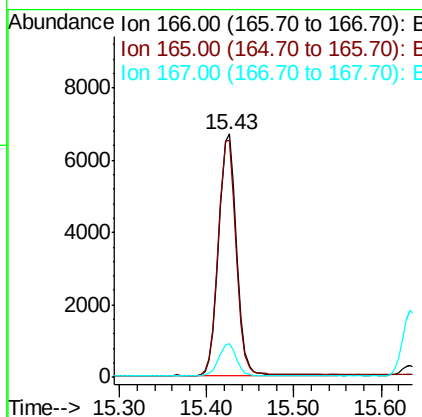
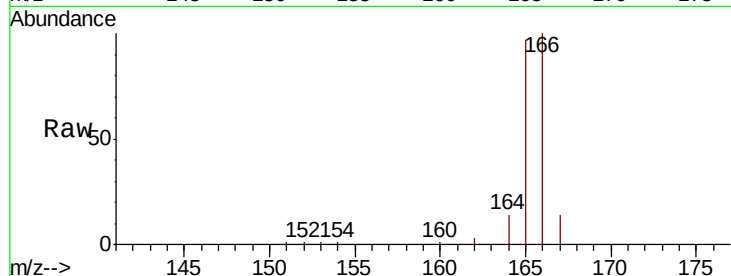




#9
Fluorene
 Concen: 0.419 ng/ul
 RT: 15.43 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: BN011760.D
 Acq: 09 Sep 2020 05:45

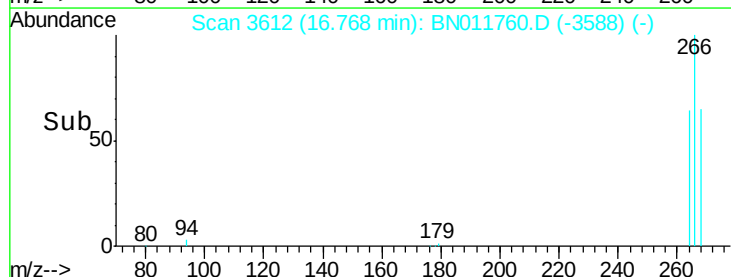
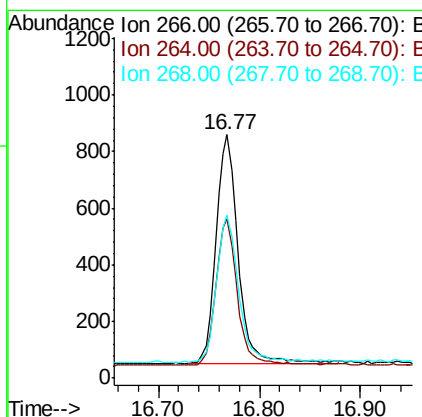
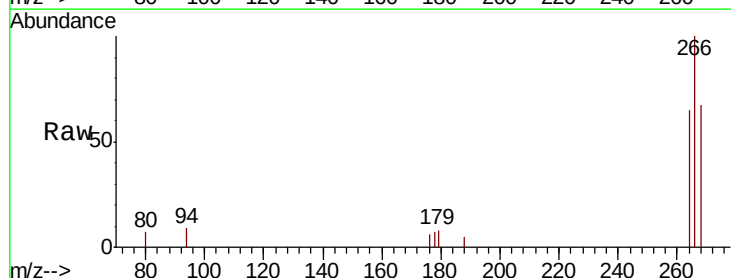
Instrument :
 BNA_N
 ClientSampleId :
 SST0.499

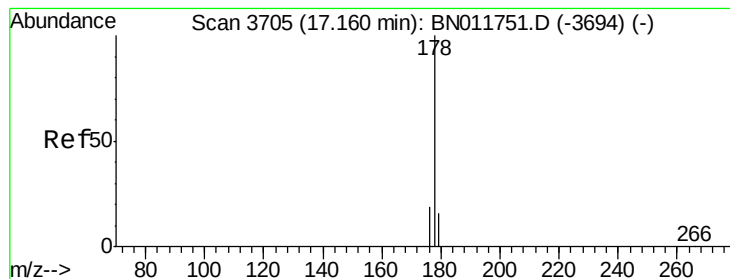
Tot Ion:166 Resp: 9450
 Ion Ratio Lower Upper
 166 100
 165 97.3 80.2 120.2
 167 14.1 11.8 17.6



#11
Pentachlorophenol
 Concen: 0.381 ng/ul
 RT: 16.77 min Scan# 3612
 Delta R.T. 0.00 min
 Lab File: BN011760.D
 Acq: 09 Sep 2020 05:45

Tgt Ion:266 Resp: 1219
 Ion Ratio Lower Upper
 266 100
 264 62.3 49.3 73.9
 268 63.7 50.5 75.7





#12

Phenanthrene

Concen: 0.430 ng/ul

RT: 17.16 min Scan# 3705

Delta R.T. 0.00 min

Lab File: BN011760.D

Acq: 09 Sep 2020 05:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.499

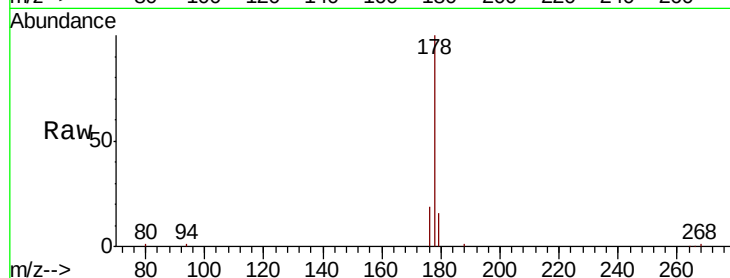
Tot Ion:178 Resp: 15357

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

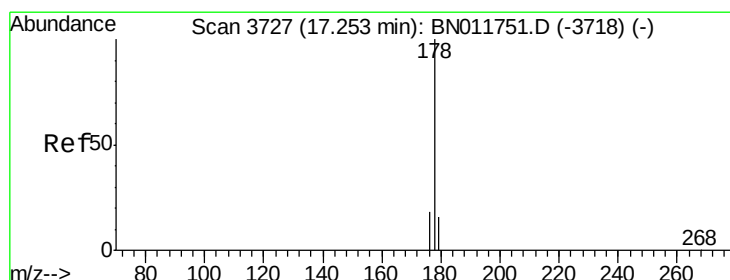
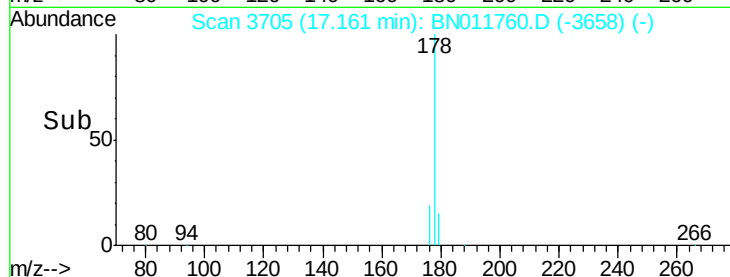
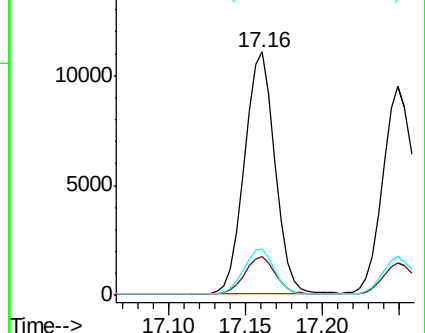
176 19.1 16.0 24.0



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: 0.434 ng/ul

RT: 17.25 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BN011760.D

Acq: 09 Sep 2020 05:45

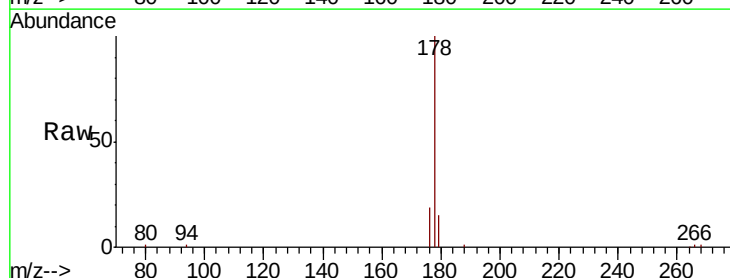
Tgt Ion:178 Resp: 13795

Ion Ratio Lower Upper

178 100

179 15.4 12.7 19.1

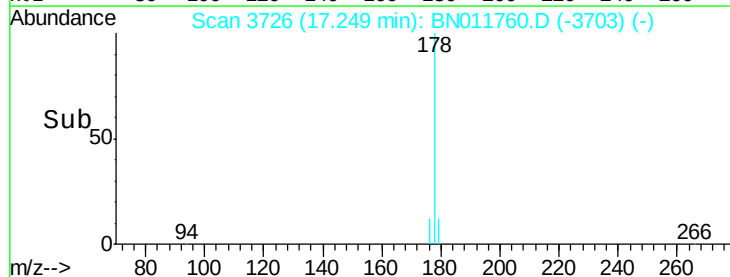
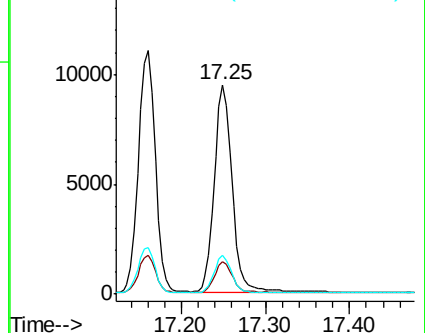
176 18.6 14.8 22.2

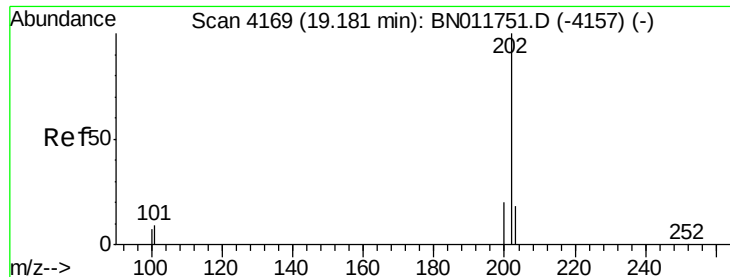


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.427 ng/ul

RT: 19.18 min Scan# 4168

Delta R.T. -0.00 min

Lab File: BN011760.D

Acq: 09 Sep 2020 05:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.499

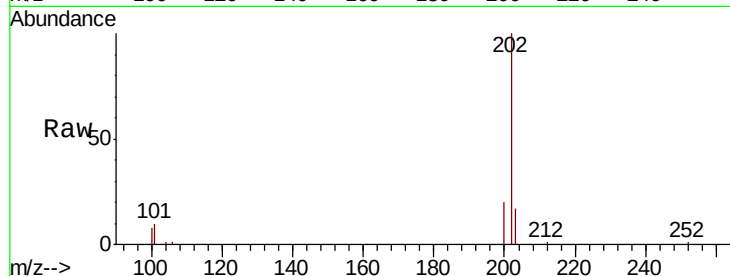
Tot Ion:202 Resp: 16924

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.1

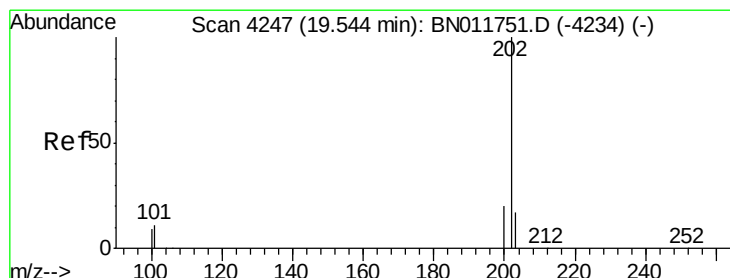
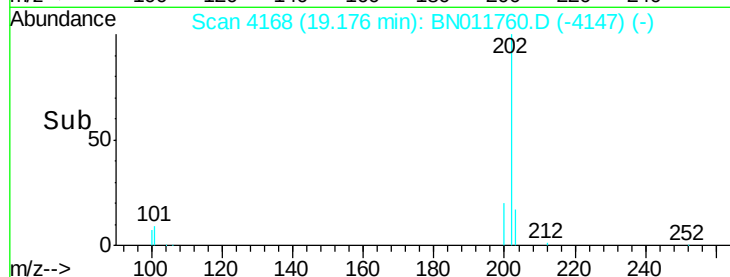
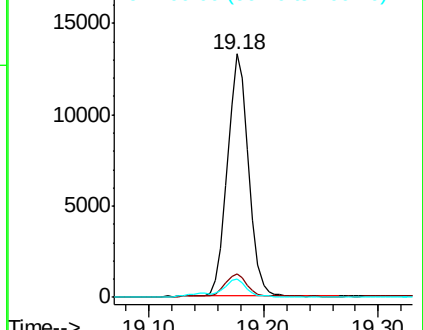
100 7.5 0.0 27.4



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: 0.434 ng/ul

RT: 19.54 min Scan# 4247

Delta R.T. 0.00 min

Lab File: BN011760.D

Acq: 09 Sep 2020 05:45

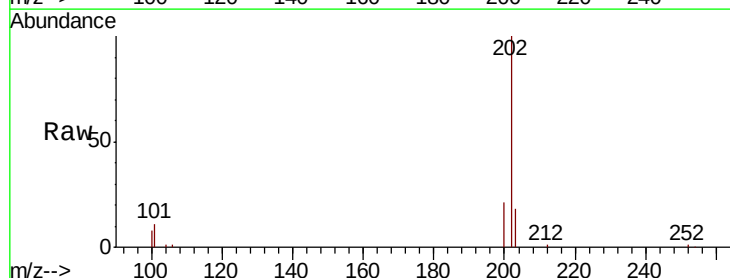
Tgt Ion:202 Resp: 17026

Ion Ratio Lower Upper

202 100

101 10.5 8.0 12.0

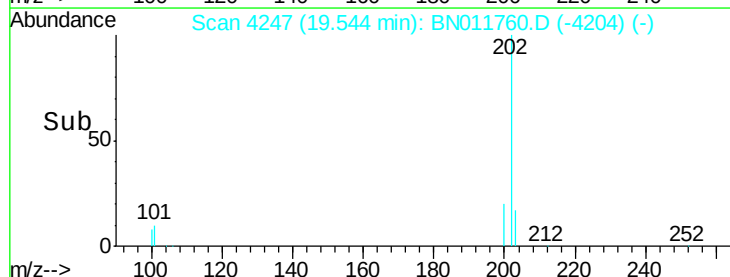
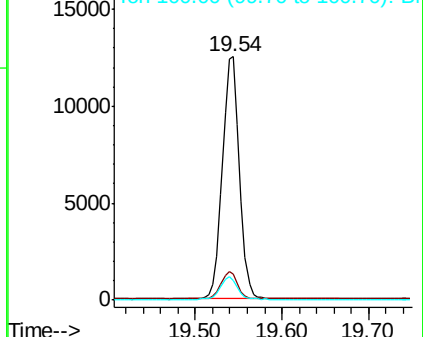
100 8.2 6.5 9.7

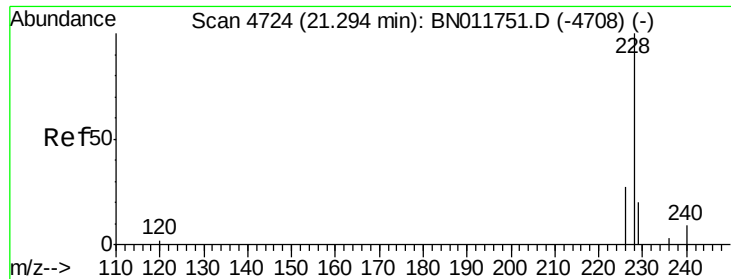


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.433 ng/ul

RT: 21.29 min Scan# 4723

Delta R.T. -0.00 min

Lab File: BN011760.D

Acq: 09 Sep 2020 05:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.499

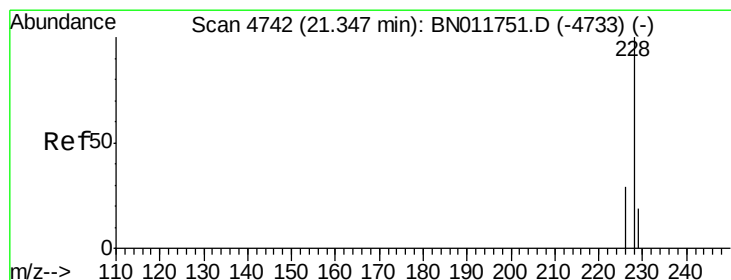
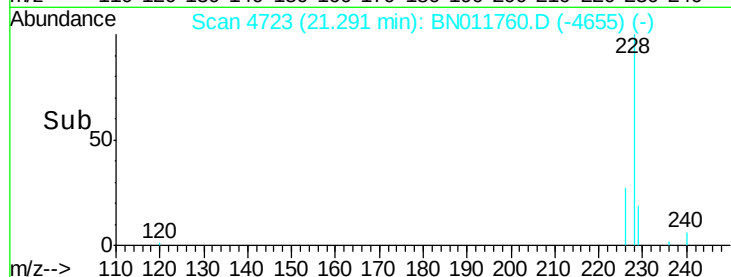
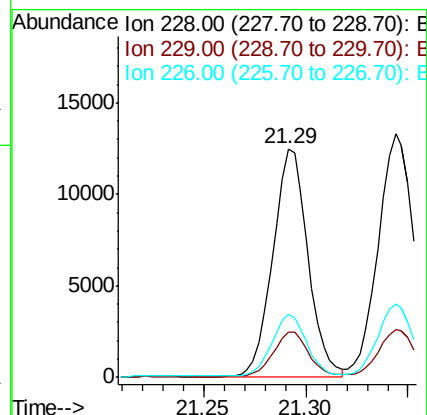
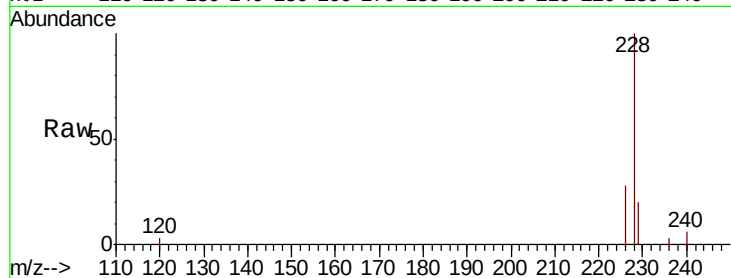
Tot Ion:228 Resp: 14869

Ion Ratio Lower Upper

228 100

229 19.8 15.9 23.9

226 27.8 21.9 32.9



#19

Chrysene

Concen: 0.425 ng/ul

RT: 21.34 min Scan# 4741

Delta R.T. -0.00 min

Lab File: BN011760.D

Acq: 09 Sep 2020 05:45

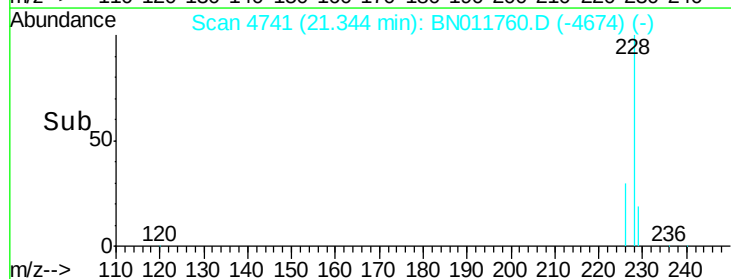
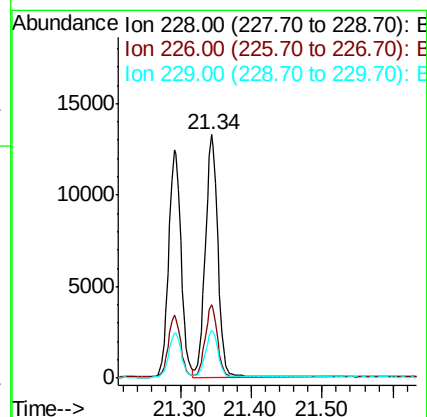
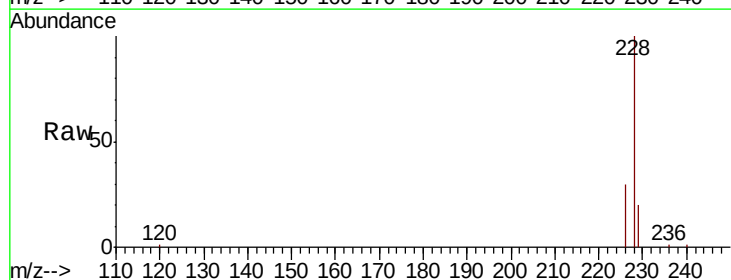
Tgt Ion:228 Resp: 16302

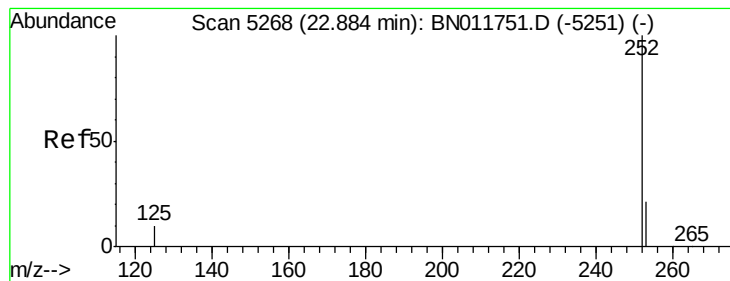
Ion Ratio Lower Upper

228 100

226 30.2 24.6 37.0

229 19.8 15.9 23.9





#21

Benzo(b)fluoranthene

Concen: 0.418 ng/ul

RT: 22.88 min Scan# 5267

Delta R.T. -0.00 min

Lab File: BN011760.D

Acq: 09 Sep 2020 05:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.499

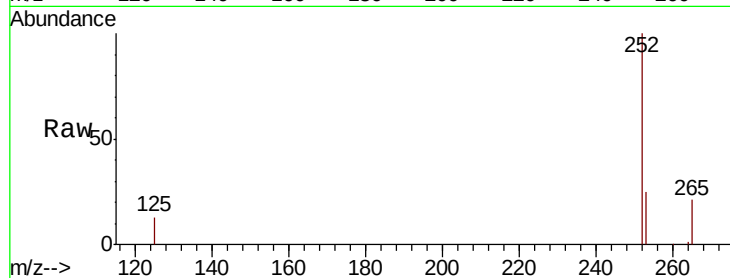
Tot Ion:252 Resp: 16378

Ion Ratio Lower Upper

252 100

253 25.0 0.0 50.6

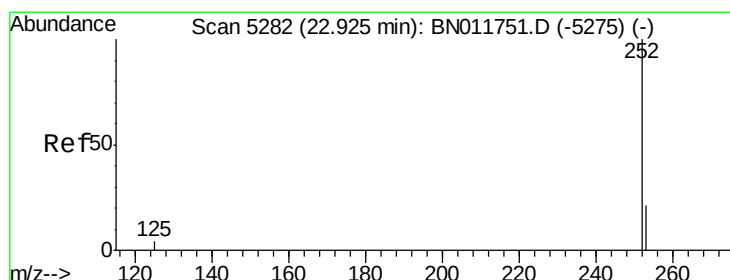
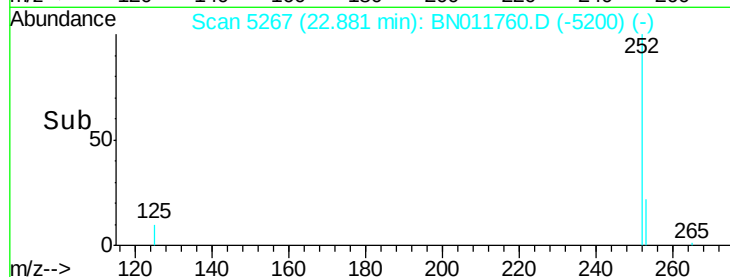
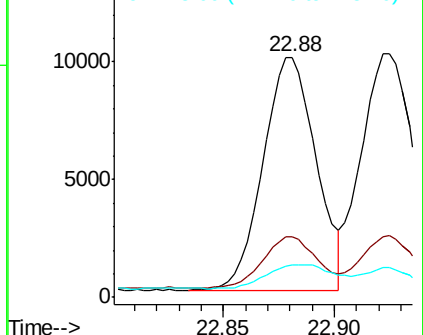
125 13.4 0.0 23.6



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: 0.425 ng/ul

RT: 22.92 min Scan# 5281

Delta R.T. -0.00 min

Lab File: BN011760.D

Acq: 09 Sep 2020 05:45

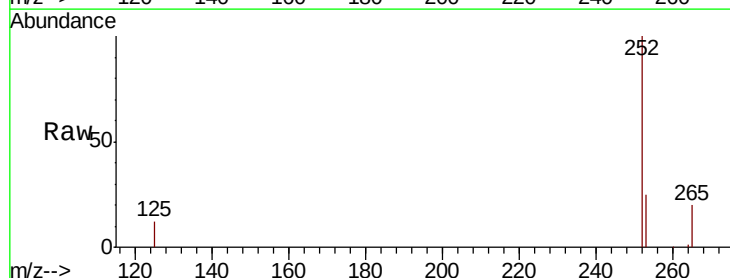
Tgt Ion:252 Resp: 17106

Ion Ratio Lower Upper

252 100

253 24.7 20.7 31.1

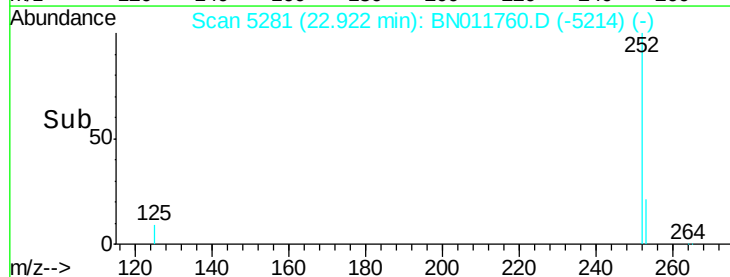
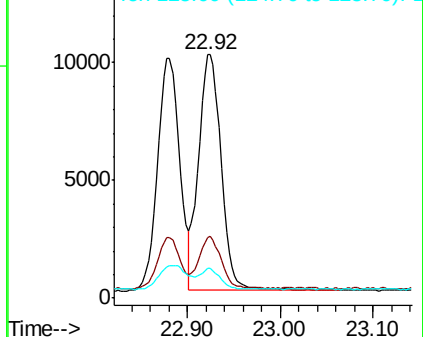
125 12.1 9.7 14.5

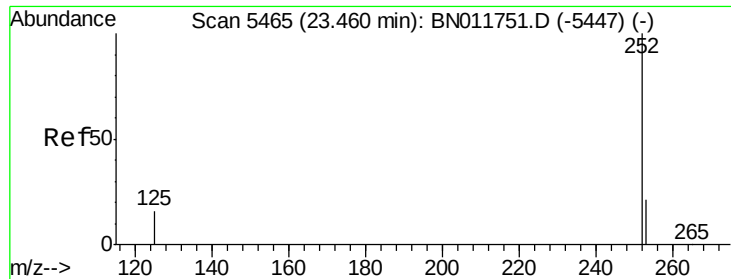


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.439 ng/ul

RT: 23.46 min Scan# 5464

Delta R.T. -0.00 min

Lab File: BN011760.D

Acq: 09 Sep 2020 05:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.499

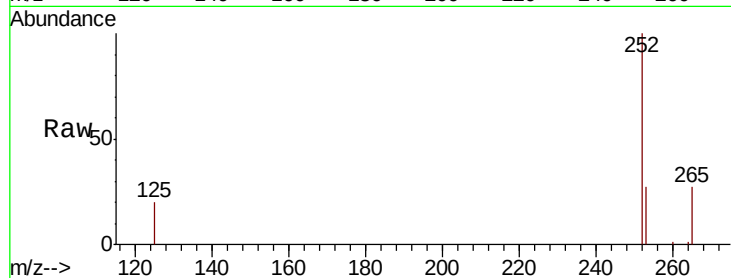
Tot Ion:252 Resp: 14859

Ion Ratio Lower Upper

252 100

253 27.1 21.6 32.4

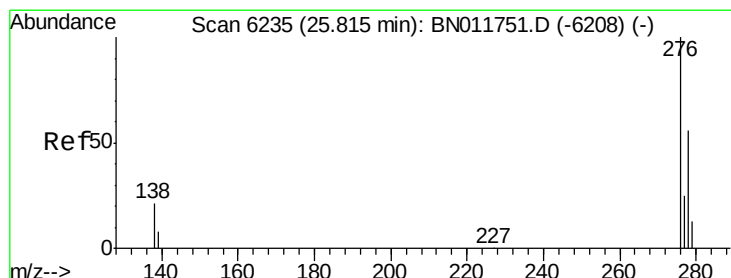
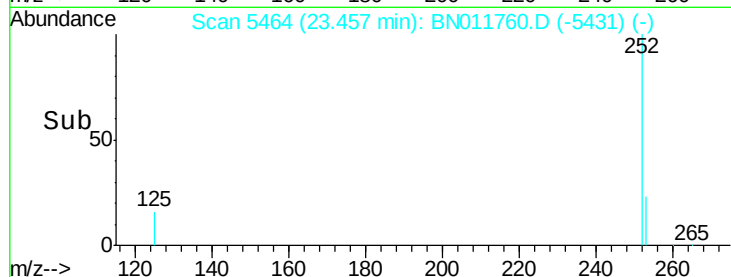
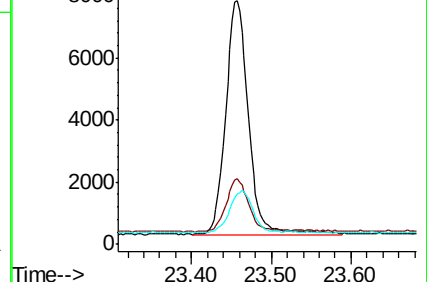
125 20.4 12.6 18.8#



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: 0.434 ng/ul

RT: 25.81 min Scan# 6234

Delta R.T. -0.00 min

Lab File: BN011760.D

Acq: 09 Sep 2020 05:45

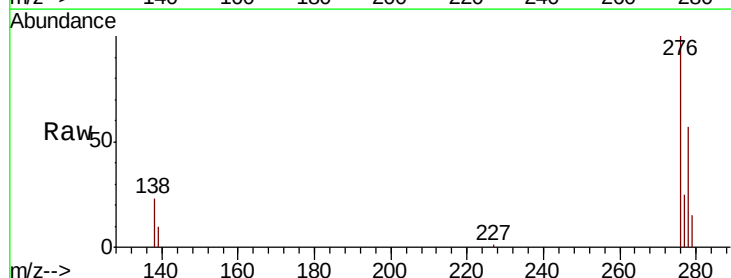
Tgt Ion:276 Resp: 19309

Ion Ratio Lower Upper

276 100

138 21.9 0.0 0.0#

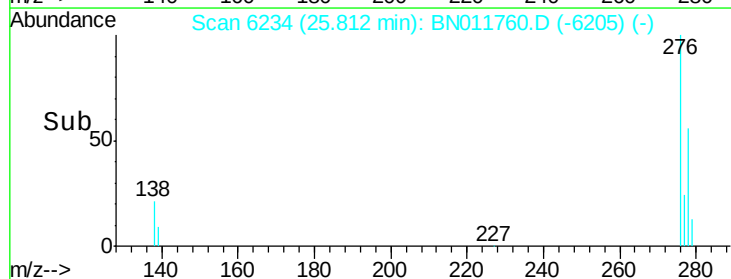
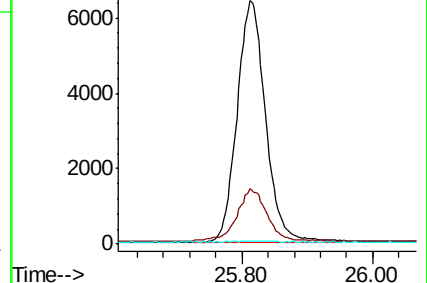
227 0.3 0.1 0.1#

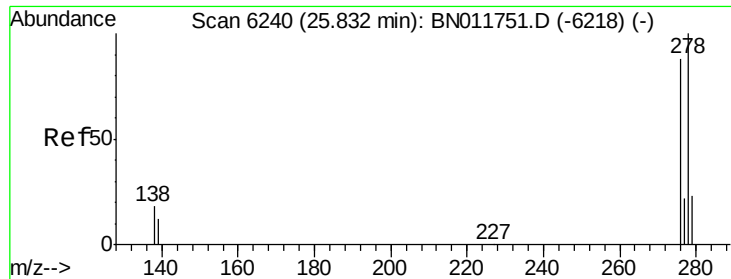


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



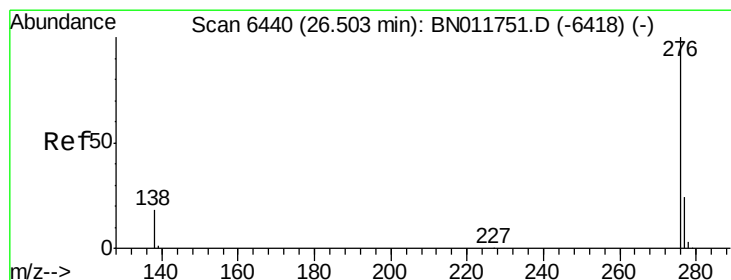
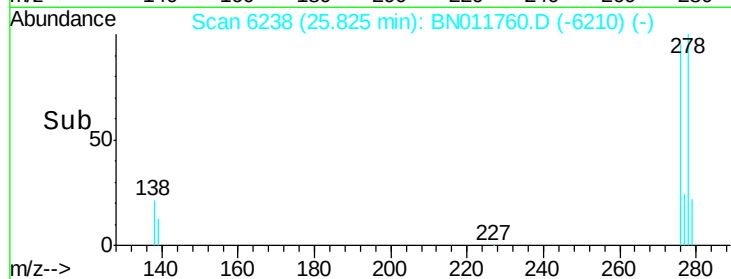
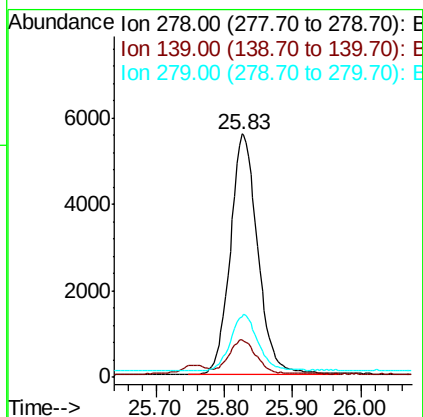
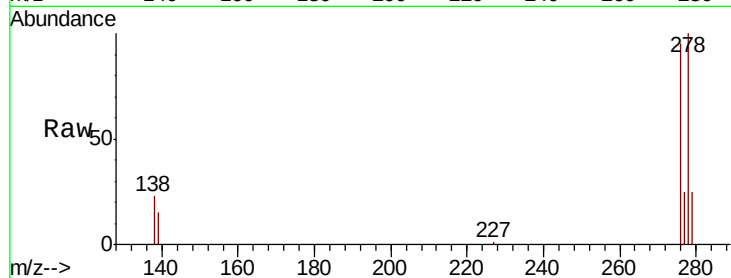


#25

Dibenzo(a,h)anthracene
Concen: 0.433 ng/ul
RT: 25.83 min Scan# 6238
Delta R.T. -0.01 min
Lab File: BN011760.D
Acq: 09 Sep 2020 05:45

Instrument :
BNA_N
ClientSampleId :
SSTD0.499

Tot Ion:278 Resp: 15708
Ion Ratio Lower Upper
278 100
139 15.2 12.4 18.6
279 24.9 21.8 32.6



#26

Benzo(g,h,i)perylene
Concen: 0.415 ng/ul
RT: 26.50 min Scan# 6439
Delta R.T. -0.00 min
Lab File: BN011760.D
Acq: 09 Sep 2020 05:45

Tgt Ion:276 Resp: 16136
Ion Ratio Lower Upper
276 100
138 19.4 14.7 22.1
277 24.9 19.5 29.3

