

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011759.D
 Acq On : 09 Sep 2020 05:09
 Operator : CG/JU
 Sample : L3843-06DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC8DL

Quant Time: Sep 09 07:13:37 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

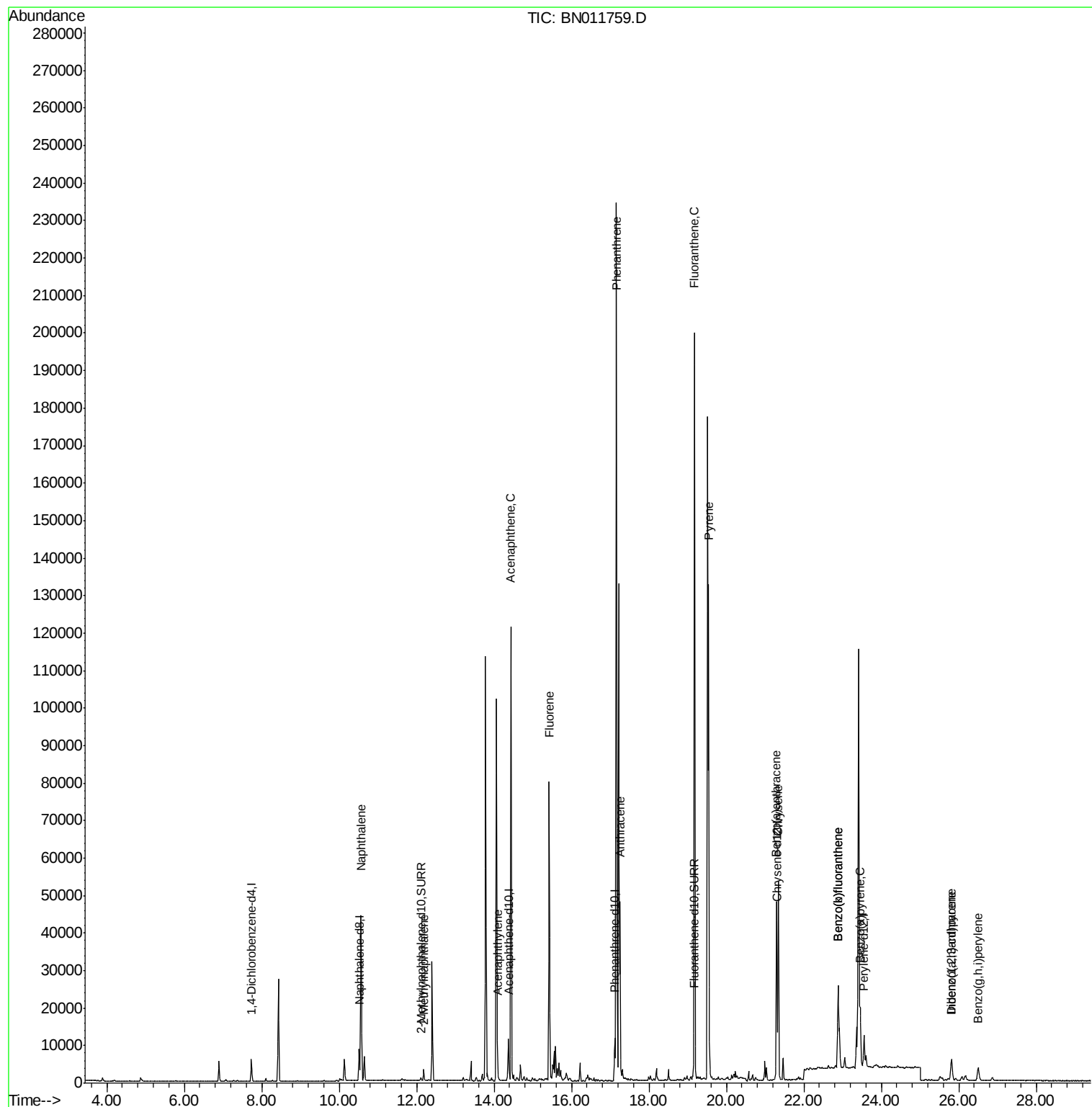
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2794	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	10806	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	6007	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	12867	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	11136	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	10488	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	842	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	1827	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	58068	1.816	ng/ul	98
5) 2-Methylnaphthalene	12.18	142	2039	0.096	ng/ul	99
7) Acenaphthylene	14.09	152	2200	0.076	ng/ul#	80
8) Acenaphthene	14.44	153	67620	2.909	ng/ul	98
9) Fluorene	15.43	166	47718	1.776	ng/ul	97
12) Phenanthrene	17.16	178	232646	5.376	ng/ul	97
13) Anthracene	17.25	178	47125	1.223	ng/ul	100
15) Fluoranthene	19.18	202	167971	3.493	ng/ul	98
17) Pyrene	19.54	202	116298	2.352	ng/ul	98
18) Benzo(a)anthracene	21.29	228	37552	0.867	ng/ul	99
19) Chrysene	21.34	228	49046	1.014	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	47475	0.966	ng/ul	99
22) Benzo(k)fluoranthene	22.88	252	47475	0.942	ng/ul	98
23) Benzo(a)pyrene	23.46	252	20081	0.473	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.81	276	8796	0.158	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.82	278	2810	0.062	ng/ul#	79
26) Benzo(a,h,i)perylene	26.51	276	7519	0.154	ng/ul#	94

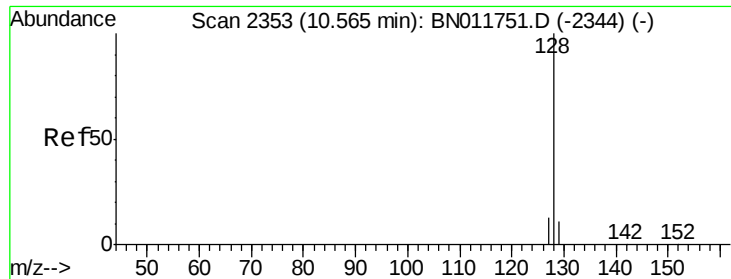
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.816 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. 0.00 min

Lab File: BN011759.D

Acq: 09 Sep 2020 05:09

Instrument :

BNA_N

ClientSampleId :

C0AC8DL

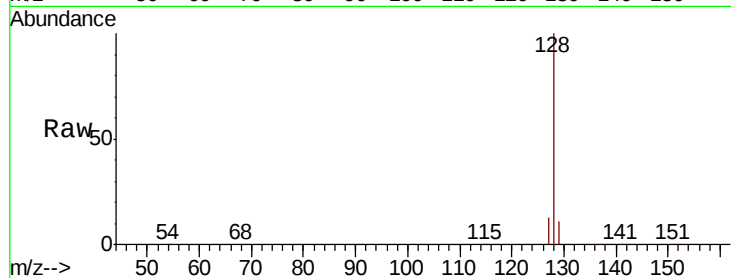
Tot Ion:128 Resp: 58068

Ion Ratio Lower Upper

128 100

129 11.1 9.8 14.6

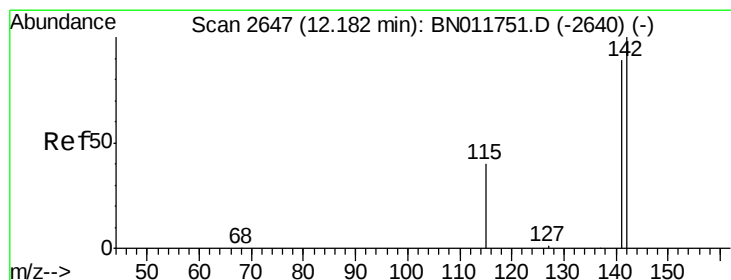
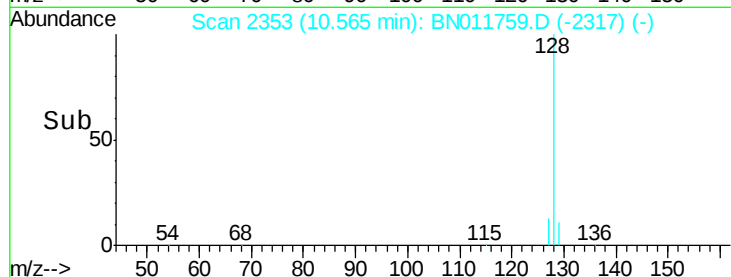
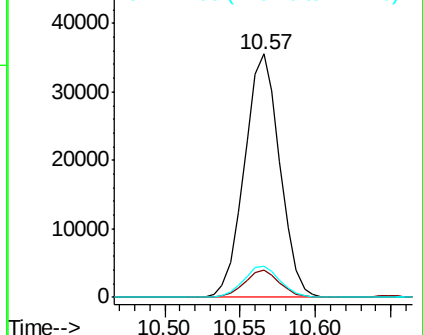
127 13.0 11.0 16.6



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: 0.096 ng/ul

RT: 12.18 min Scan# 2647

Delta R.T. 0.00 min

Lab File: BN011759.D

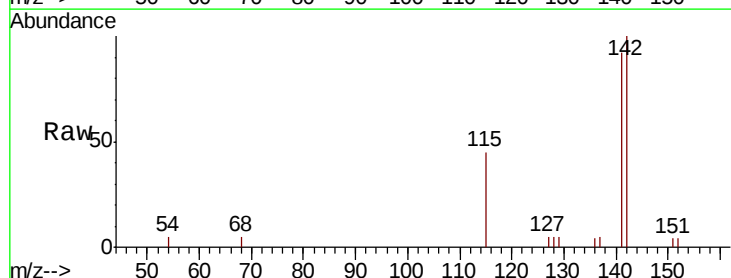
Acq: 09 Sep 2020 05:09

Tgt Ion:142 Resp: 2039

Ion Ratio Lower Upper

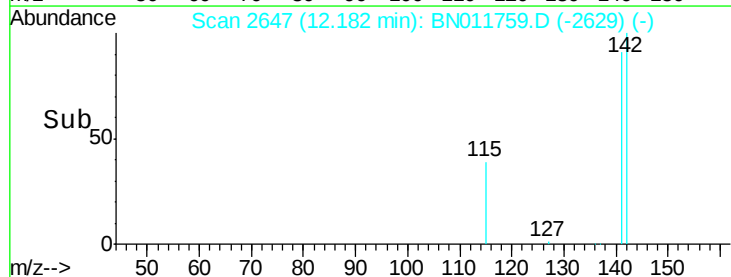
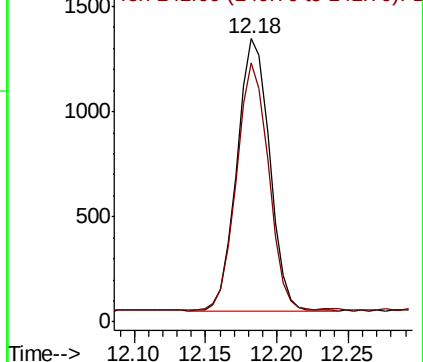
142 100

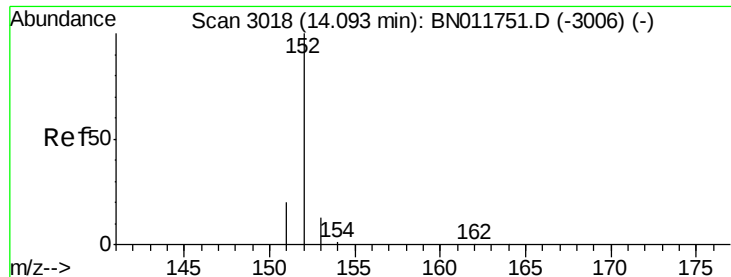
141 89.6 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.076 ng/ul

RT: 14.09 min Scan# 3018

Delta R.T. 0.00 min

Lab File: BN011759.D

Acq: 09 Sep 2020 05:09

Instrument :

BNA_N

ClientSampleId :

C0AC8DL

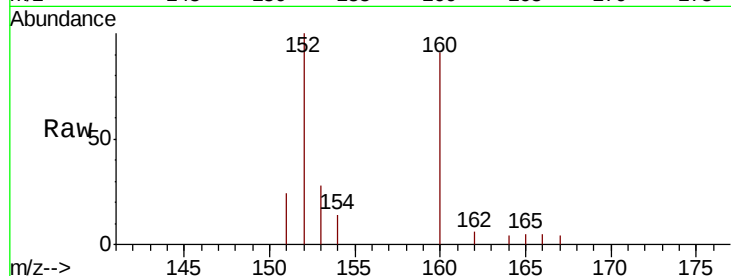
Tot Ion:152 Resp: 2200

Ion Ratio Lower Upper

152 100

151 24.5 16.2 24.4#

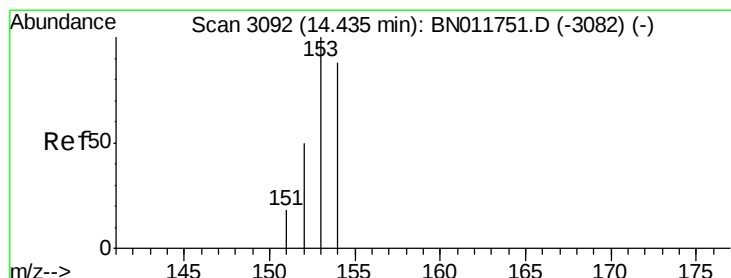
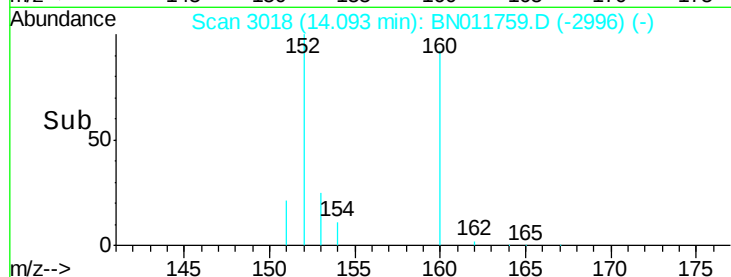
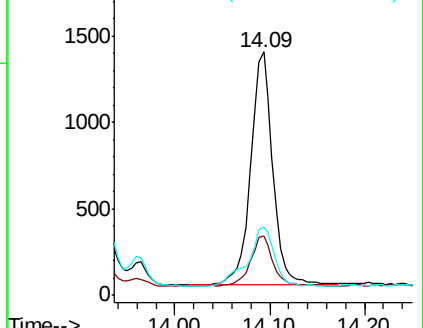
153 28.3 11.4 17.0#



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: 2.909 ng/ul

RT: 14.44 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BN011759.D

Acq: 09 Sep 2020 05:09

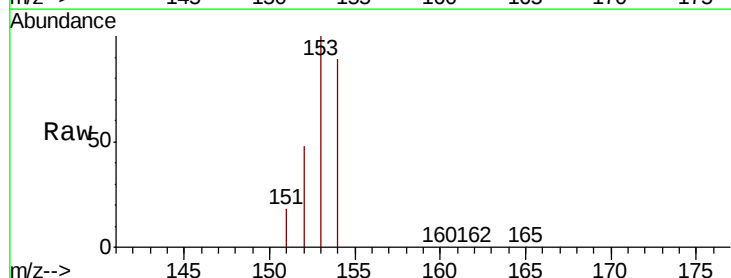
Tgt Ion:153 Resp: 67620

Ion Ratio Lower Upper

153 100

152 47.9 40.3 60.5

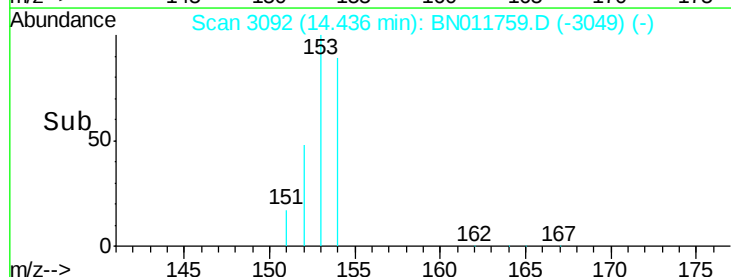
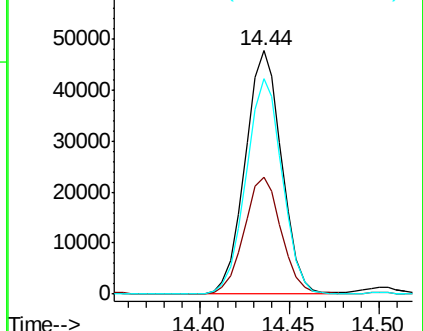
154 88.6 70.1 105.1

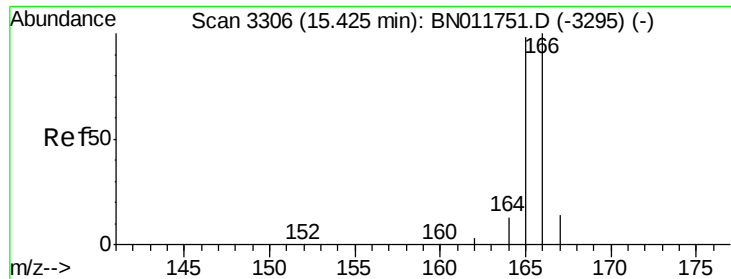


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 1.776 ng/ul

RT: 15.43 min Scan# 3306

Delta R.T. 0.00 min

Lab File: BN011759.D

Acq: 09 Sep 2020 05:09

Instrument :

BNA_N

ClientSampleId :

C0AC8DL

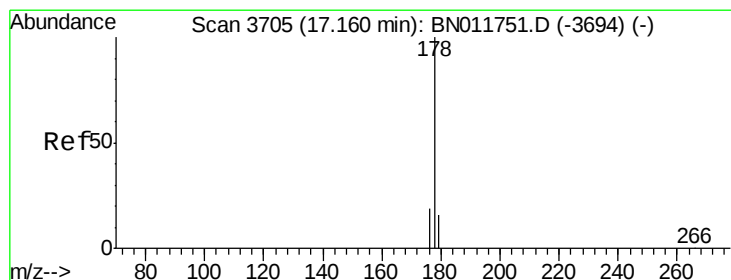
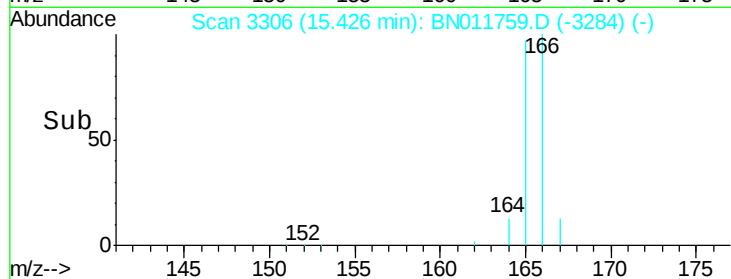
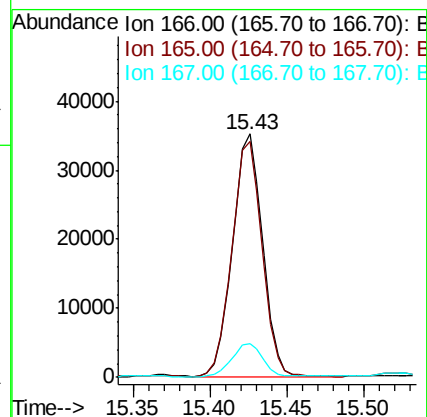
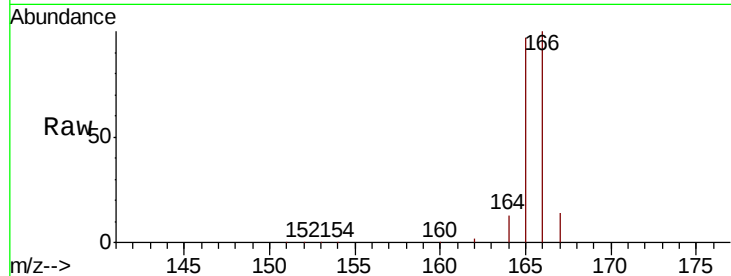
Tot Ion:166 Resp: 47718

Ion Ratio Lower Upper

166 100

165 97.0 80.2 120.2

167 13.8 11.8 17.6



#12

Phenanthrene

Concen: 5.376 ng/ul

RT: 17.16 min Scan# 3705

Delta R.T. 0.00 min

Lab File: BN011759.D

Acq: 09 Sep 2020 05:09

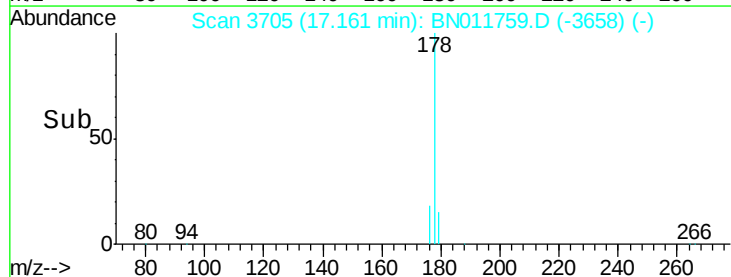
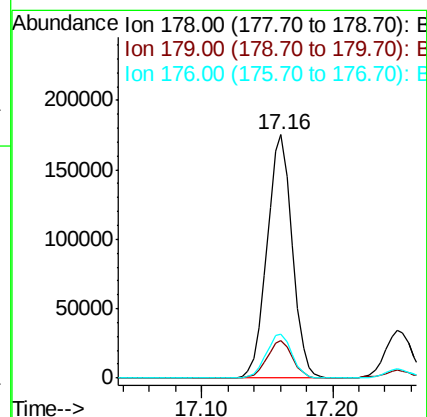
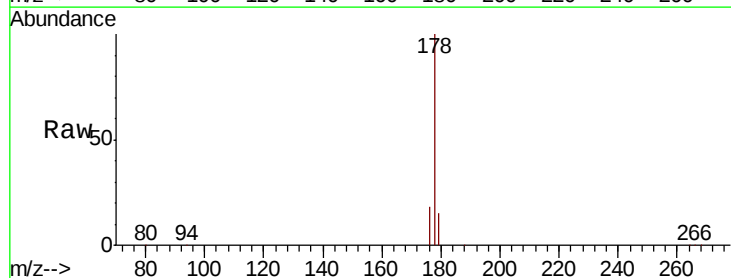
Tgt Ion:178 Resp: 232646

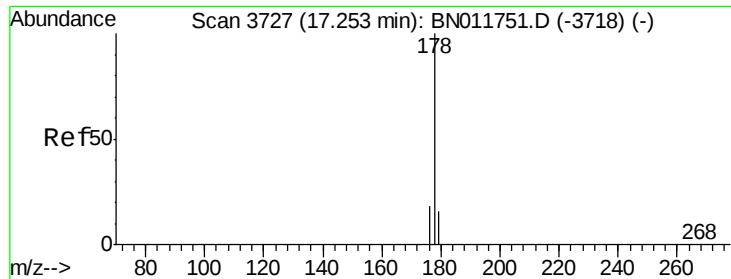
Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

176 18.3 16.0 24.0





#13

Anthracene

Concen: 1.223 ng/ul

RT: 17.25 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BN011759.D

Acq: 09 Sep 2020 05:09

Instrument :

BNA_N

ClientSampleId :

C0AC8DL

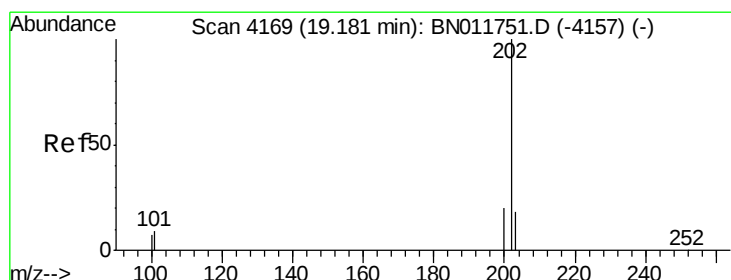
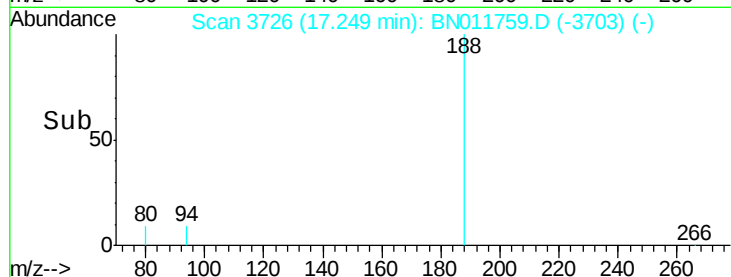
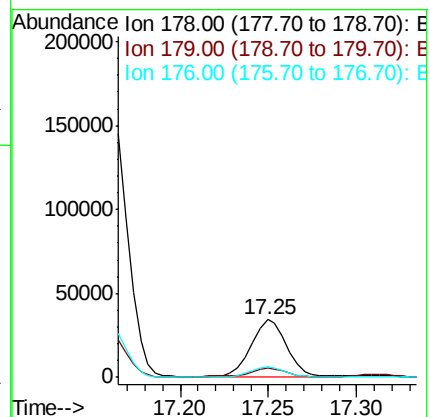
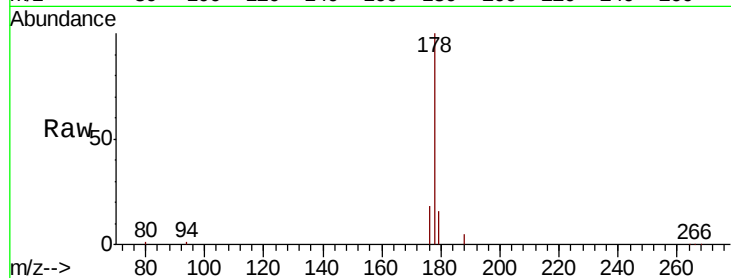
Tot Ion:178 Resp: 47125

Ion Ratio Lower Upper

178 100

179 15.8 12.7 19.1

176 18.4 14.8 22.2



#15

Fluoranthene

Concen: 3.493 ng/ul

RT: 19.18 min Scan# 4168

Delta R.T. -0.00 min

Lab File: BN011759.D

Acq: 09 Sep 2020 05:09

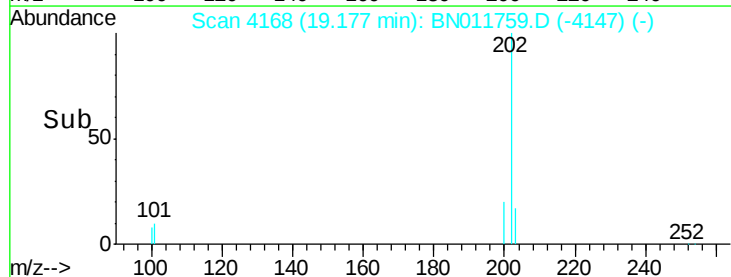
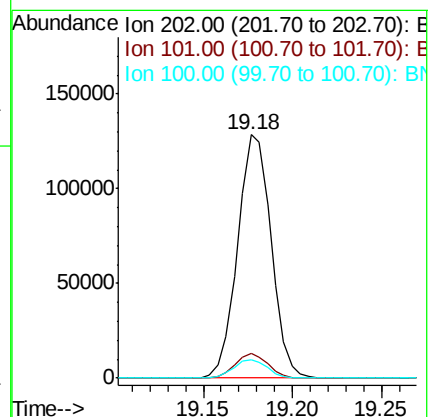
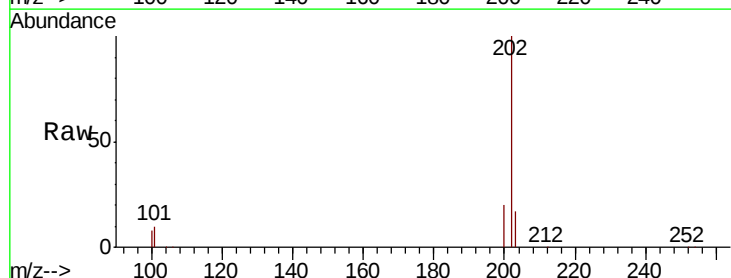
Tgt Ion:202 Resp: 167971

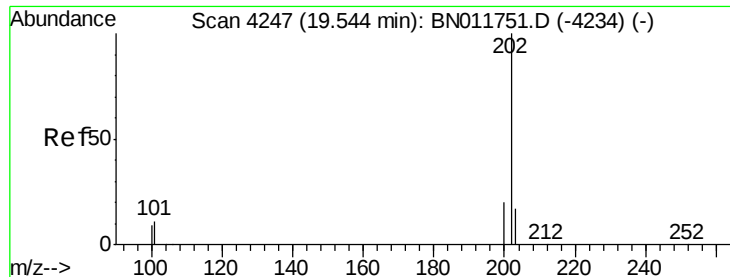
Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.1

100 7.7 0.0 27.4





#17

Pvrene

Concen: 2.352 ng/ul

RT: 19.54 min Scan# 4247

Delta R.T. 0.00 min

Lab File: BN011759.D

Acq: 09 Sep 2020 05:09

Instrument :

BNA_N

ClientSampleId :

C0AC8DL

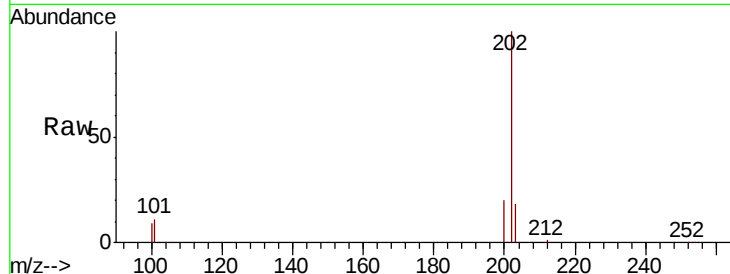
Tot Ion:202 Resp: 116298

Ion Ratio Lower Upper

202 100

101 10.9 8.0 12.0

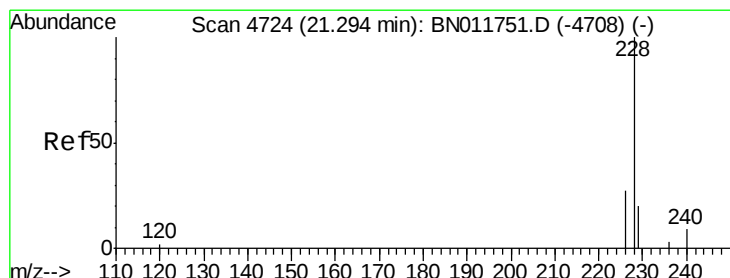
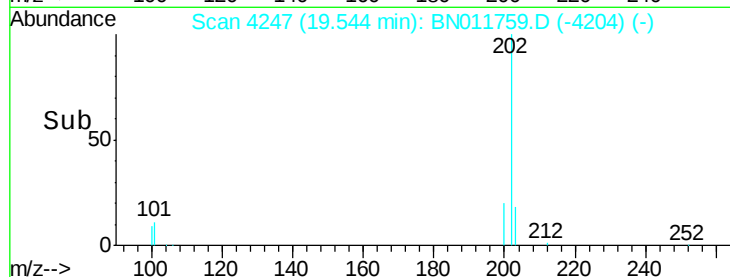
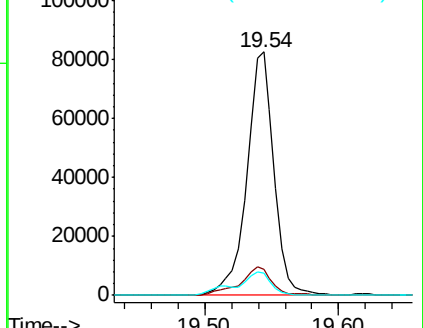
100 8.8 6.5 9.7



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): E



#18

Benzo(a)anthracene

Concen: 0.867 ng/ul

RT: 21.29 min Scan# 4723

Delta R.T. -0.00 min

Lab File: BN011759.D

Acq: 09 Sep 2020 05:09

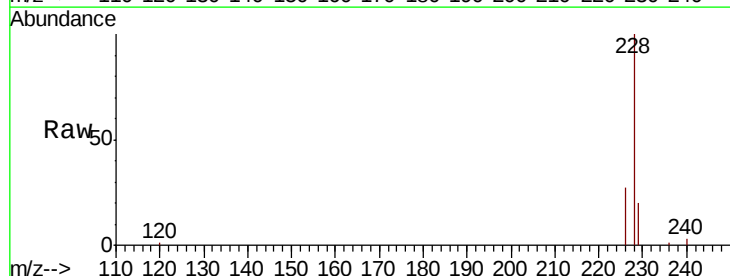
Tgt Ion:228 Resp: 37552

Ion Ratio Lower Upper

228 100

229 20.4 15.9 23.9

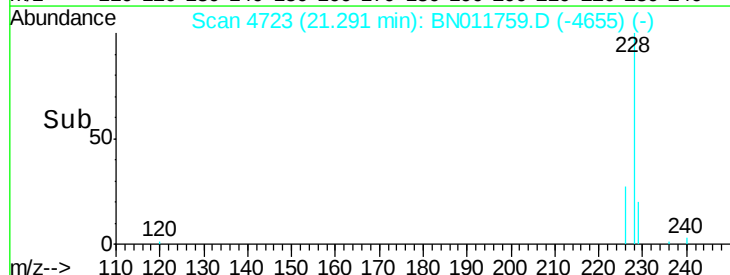
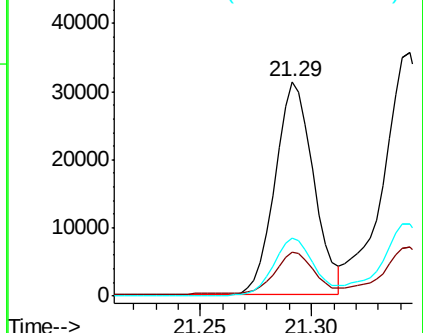
226 27.0 21.9 32.9

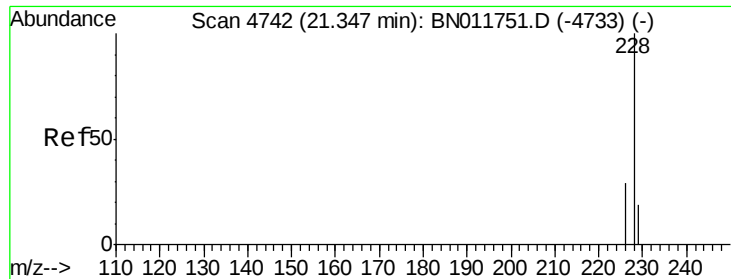


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.014 ng/ul

RT: 21.34 min Scan# 4741

Delta R.T. -0.00 min

Lab File: BN011759.D

Acq: 09 Sep 2020 05:09

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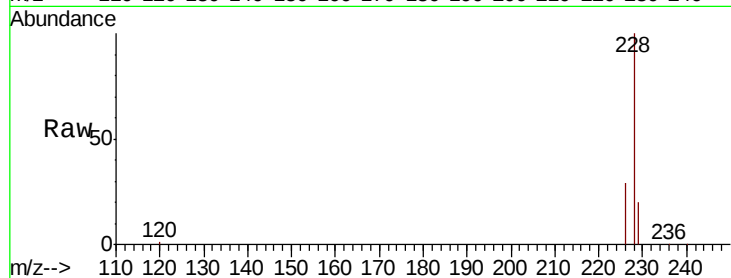
Tot Ion:228 Resp: 49046

Ion Ratio Lower Upper

228 100

226 29.4 24.6 37.0

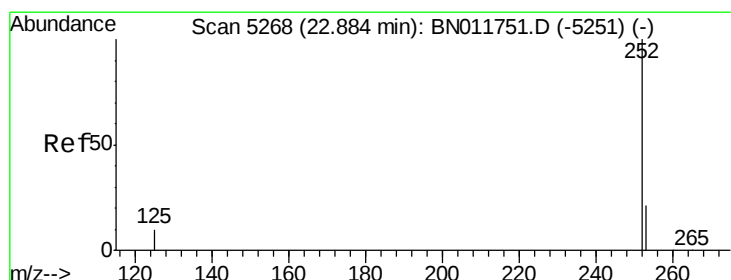
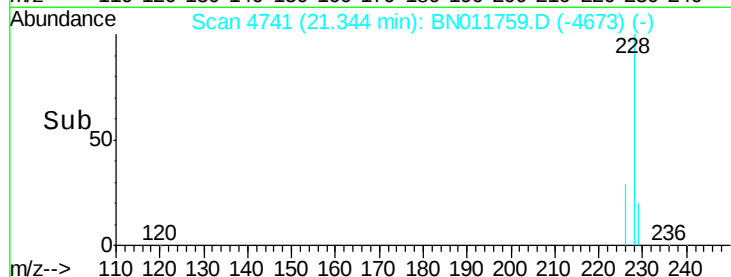
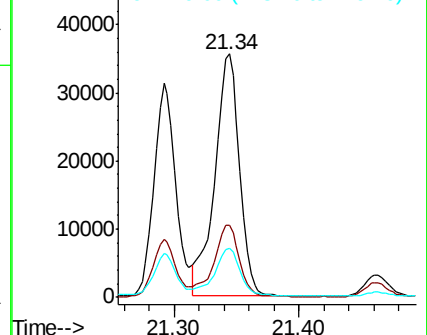
229 20.1 15.9 23.9



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: 0.966 ng/ul

RT: 22.88 min Scan# 5267

Delta R.T. -0.00 min

Lab File: BN011759.D

Acq: 09 Sep 2020 05:09

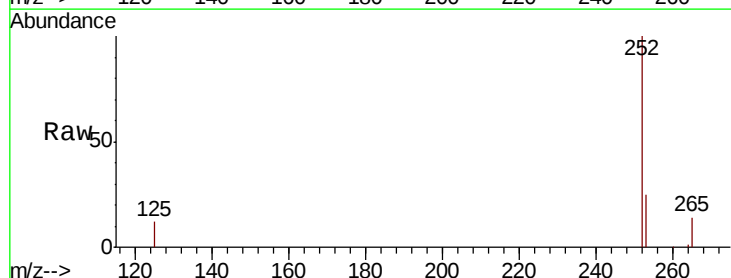
Tgt Ion:252 Resp: 47475

Ion Ratio Lower Upper

252 100

253 24.8 0.0 50.6

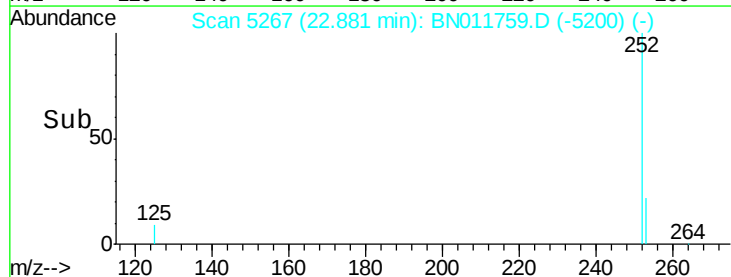
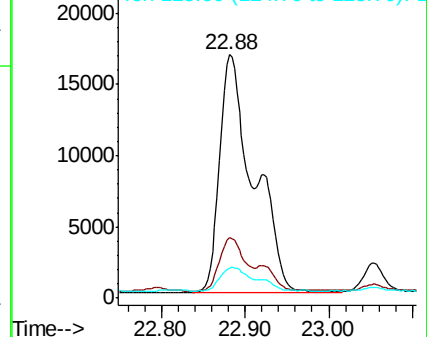
125 12.4 0.0 23.6

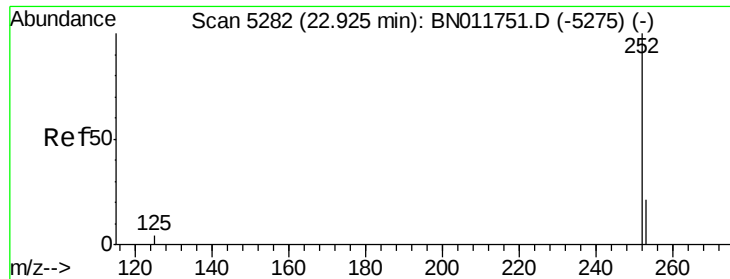


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.942 ng/ul

RT: 22.88 min Scan# 5267

Delta R.T. -0.04 min

Lab File: BN011759.D

Acq: 09 Sep 2020 05:09

Instrument :

BNA_N

ClientSampleId :

C0AC8DL

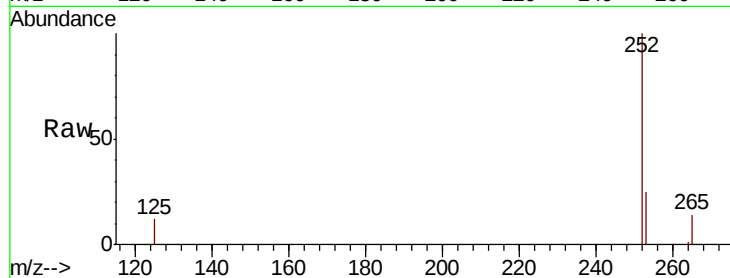
Tot Ion:252 Resp: 47475

Ion Ratio Lower Upper

252 100

253 24.8 20.7 31.1

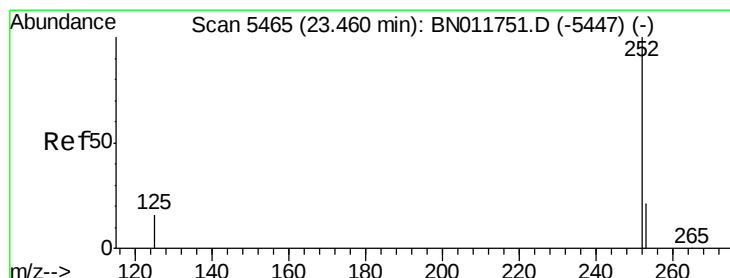
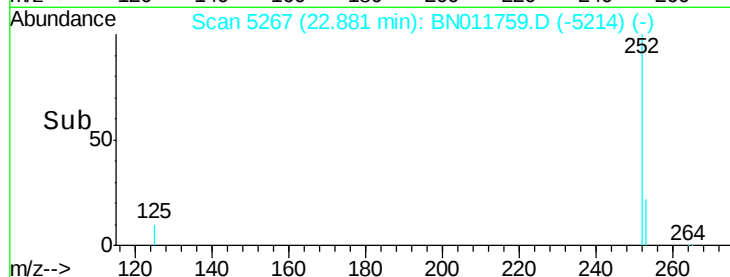
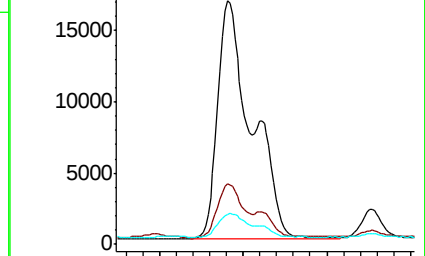
125 12.4 9.7 14.5



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: 0.473 ng/ul

RT: 23.46 min Scan# 5464

Delta R.T. -0.00 min

Lab File: BN011759.D

Acq: 09 Sep 2020 05:09

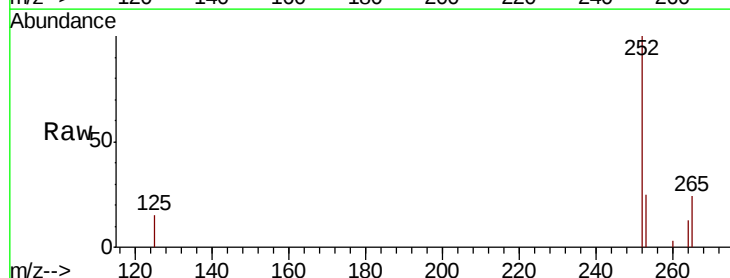
Tgt Ion:252 Resp: 20081

Ion Ratio Lower Upper

252 100

253 25.4 21.6 32.4

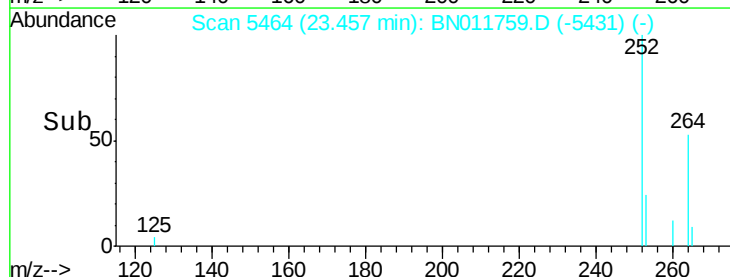
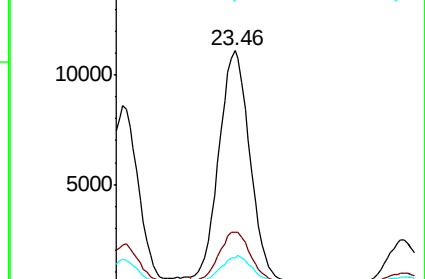
125 15.1 12.6 18.8

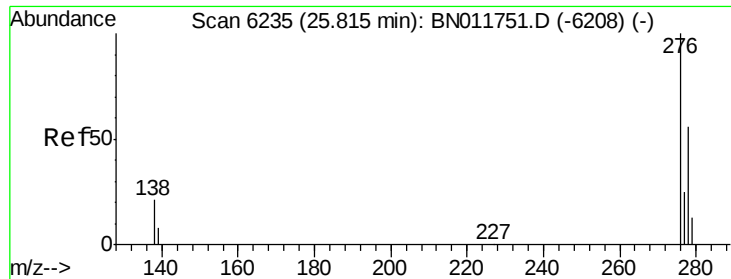


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



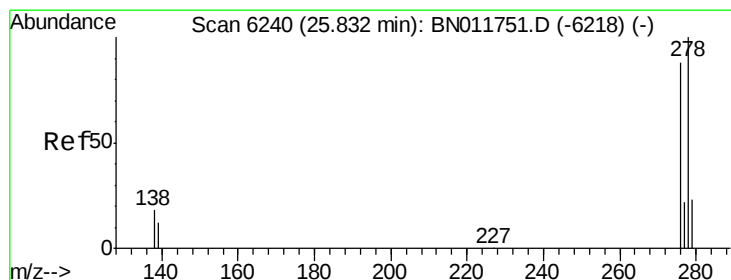
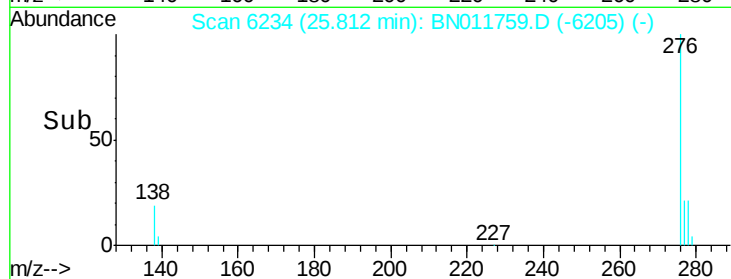
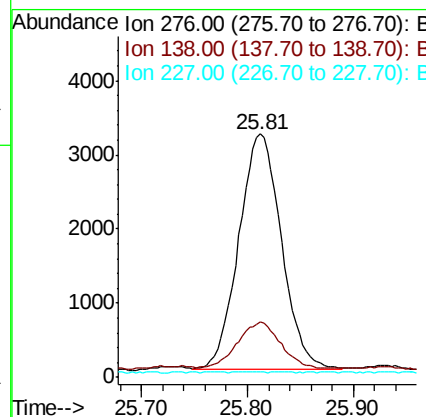
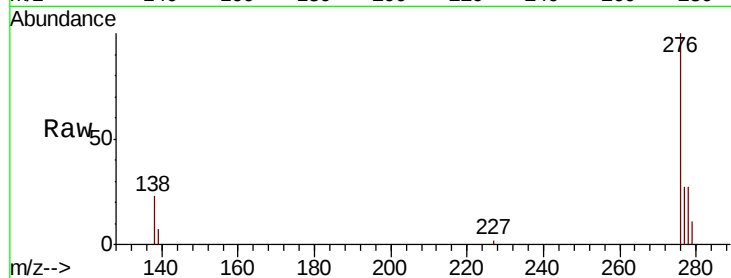


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.158 ng/uL
RT: 25.81 min Scan# 6234
Delta R.T. -0.00 min
Lab File: BN011759.D
Acq: 09 Sep 2020 05:09

Instrument :
BNA_N
ClientSampleId :
C0AC8DL

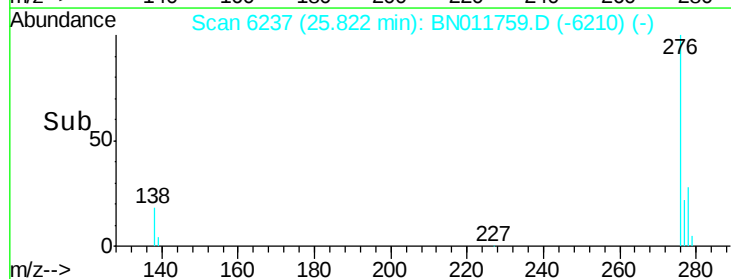
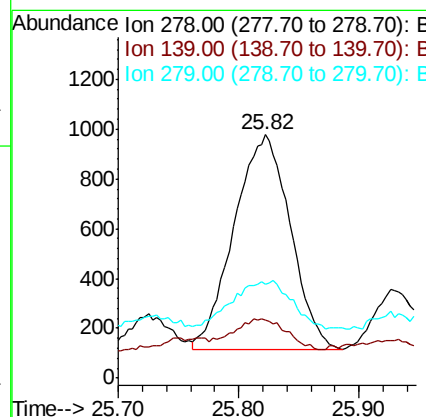
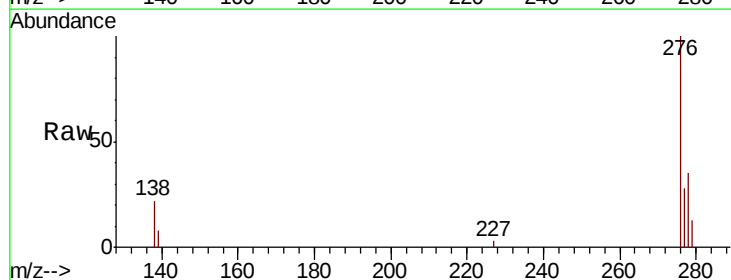
Tot Ion: 276 Resp: 8796
Ion Ratio Lower Upper
276 100
138 20.1 0.0 0.0#
227 0.1 0.1 0.1#

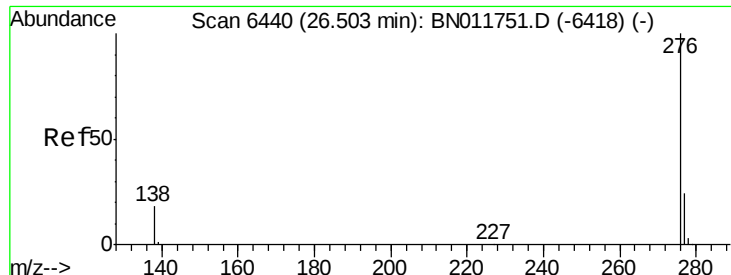


#25

Dibenzo(a,h)anthracene
Concen: 0.062 ng/uL
RT: 25.82 min Scan# 6237
Delta R.T. -0.01 min
Lab File: BN011759.D
Acq: 09 Sep 2020 05:09

Tgt Ion: 278 Resp: 2810
Ion Ratio Lower Upper
278 100
139 23.6 12.4 18.6#
279 38.7 21.8 32.6#





#26

Benzo(a,h,i)perylene

Concen: 0.154 ng/ul

RT: 26.51 min Scan# 6441

Delta R.T. 0.00 min

Lab File: BN011759.D

Acq: 09 Sep 2020 05:09

Instrument :

BNA_N

ClientSampleId :

C0AC8DL

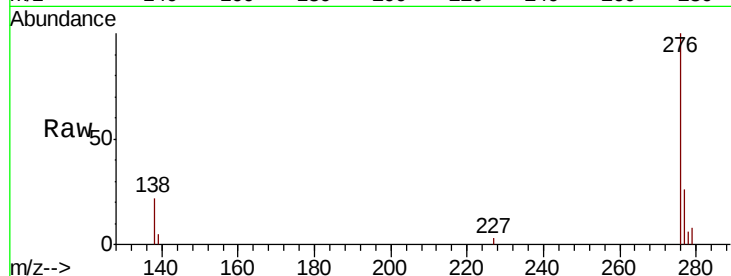
Tot Ion:276 Resp: 7519

Ion Ratio Lower Upper

276 100

138 22.5 14.7 22.1#

277 26.3 19.5 29.3



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

