

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012242.D
 Acq On : 15 Oct 2020 21:37
 Operator : CG/JU
 Sample : L4235-09
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK5

Quant Time: Oct 16 01:27:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:19:50 2020
 Response via : Initial Calibration

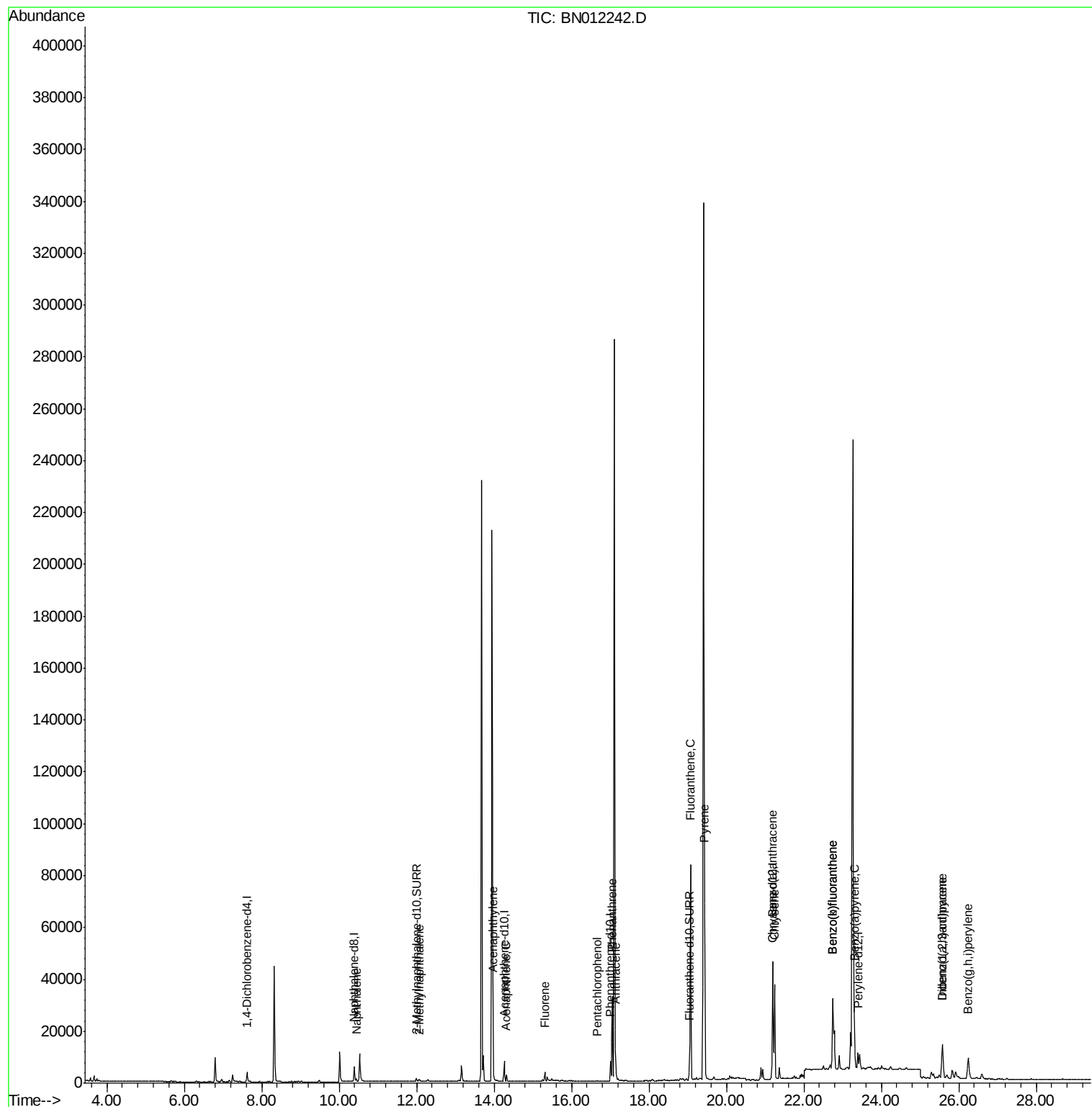
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1740	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7274	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	4233	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8898	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7551	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	7562	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1645	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	3849	0.16	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1094	0.052	ng/ul#	86
5) 2-Methylnaphthalene	12.06	142	567	0.043	ng/ul	97
7) Acenaphthylene	13.98	152	2093	0.114	ng/ul#	88
8) Acenaphthene	14.32	153	1493	0.096	ng/ul	97
9) Fluorene	15.31	166	2236	0.129	ng/ul#	99
11) Pentachlorophenol	16.66	266	272	0.106	ng/ul	97
12) Phenanthrene	17.05	178	33177	1.170	ng/ul	98
13) Anthracene	17.14	178	7926	0.326	ng/ul	100
15) Fluoranthene	19.07	202	70659	2.130	ng/ul	98
17) Pyrene	19.44	202	58488	1.718	ng/ul	99
18) Benzo(a)anthracene	21.19	228	36958	1.321	ng/ul	99
19) Chrysene	21.25	228	34444	1.011	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	59577	1.951	ng/ul	92
22) Benzo(k)fluoranthene	22.75	252	59577	1.762	ng/ul	93
23) Benzo(a)pyrene	23.30	252	29193	0.982	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.58	276	19646	0.515	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	5541	0.181	ng/ul#	84
26) Benzo(g,h,i)perylene	26.24	276	16167	0.462	ng/ul	97

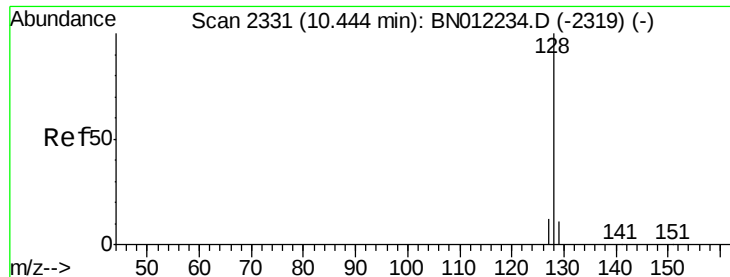
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.052 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BN012242.D

Acq: 15 Oct 2020 21:37

Instrument :

BNA_N

ClientSampleId :

C0AK5

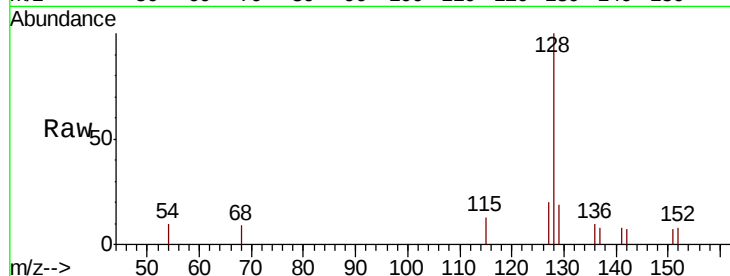
Tot Ion:128 Resp: 1094

Ion Ratio Lower Upper

128 100

129 19.3 10.3 15.5#

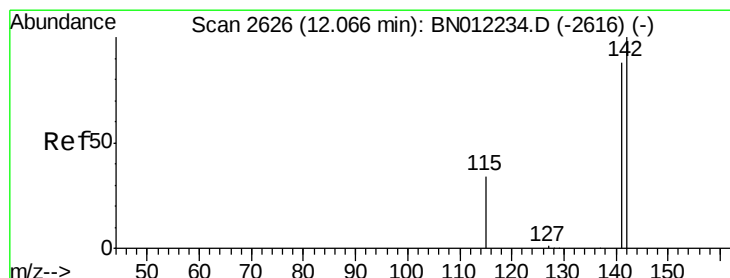
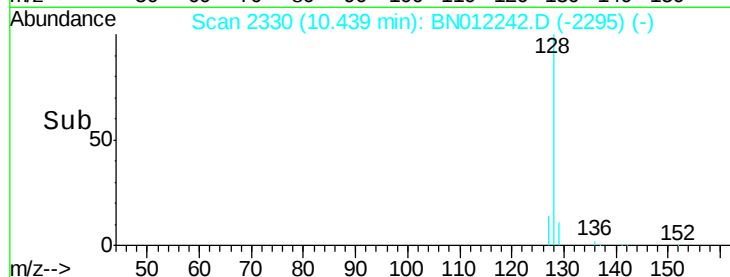
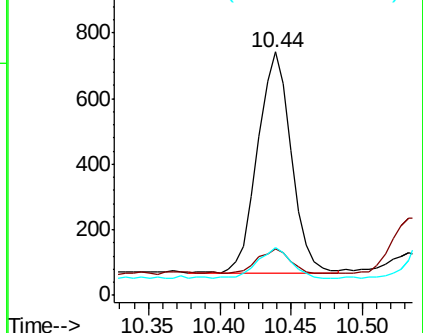
127 19.7 11.9 17.9#



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: 0.043 ng/ul

RT: 12.06 min Scan# 2625

Delta R.T. -0.01 min

Lab File: BN012242.D

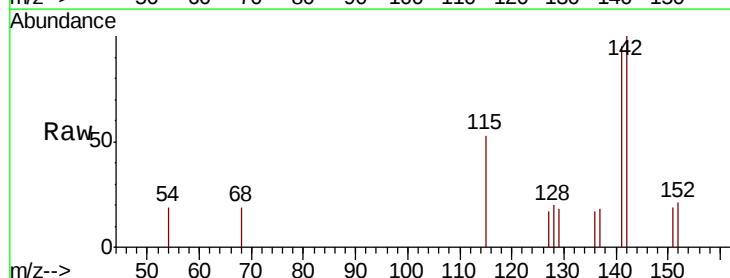
Acq: 15 Oct 2020 21:37

Tgt Ion:142 Resp: 567

Ion Ratio Lower Upper

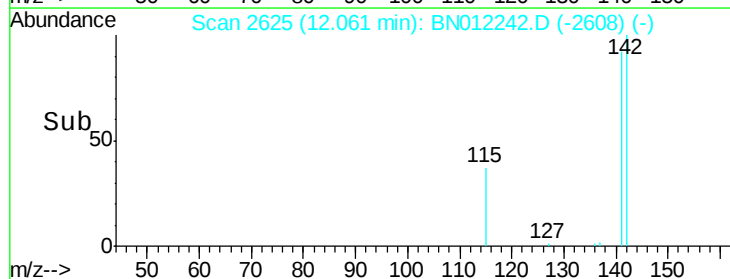
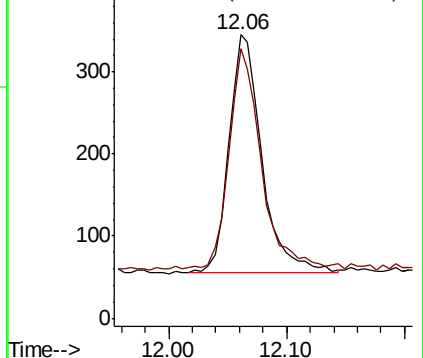
142 100

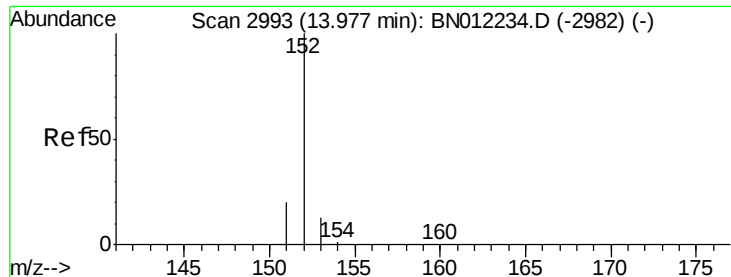
141 92.2 71.7 107.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.114 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BN012242.D

Acq: 15 Oct 2020 21:37

Instrument :

BNA_N

ClientSampleId :

C0AK5

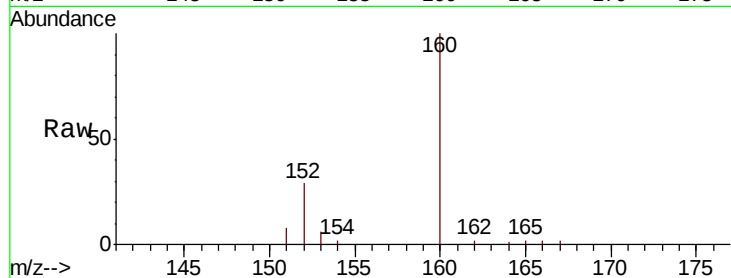
Tot Ion:152 Resp: 2093

Ion Ratio Lower Upper

152 100

151 26.9 16.7 25.1#

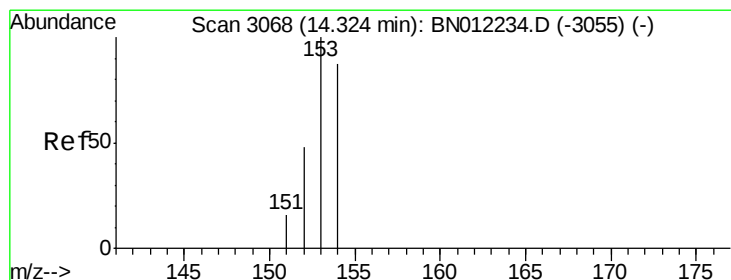
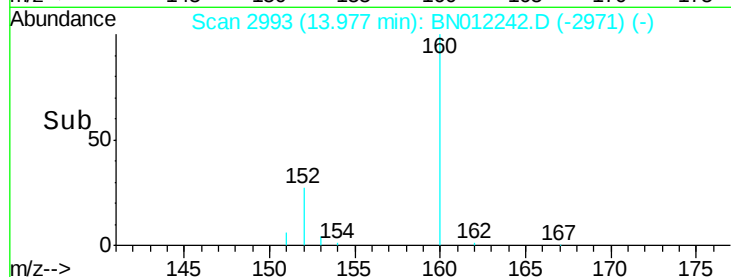
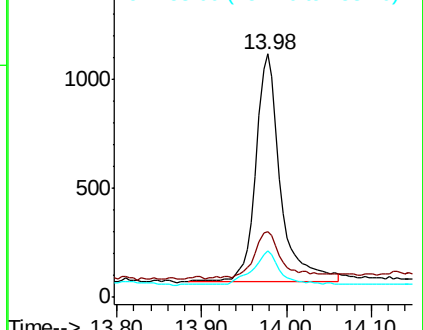
153 19.1 11.8 17.8#



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: 0.096 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.00 min

Lab File: BN012242.D

Acq: 15 Oct 2020 21:37

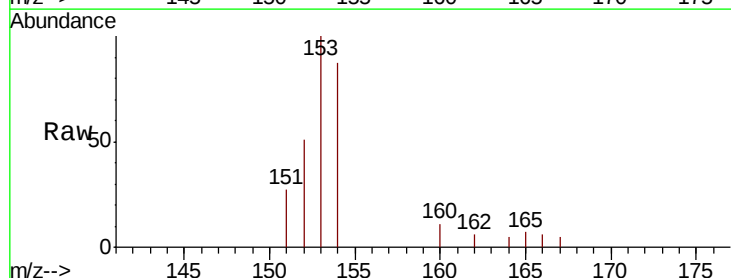
Tgt Ion:153 Resp: 1493

Ion Ratio Lower Upper

153 100

152 51.0 38.2 57.2

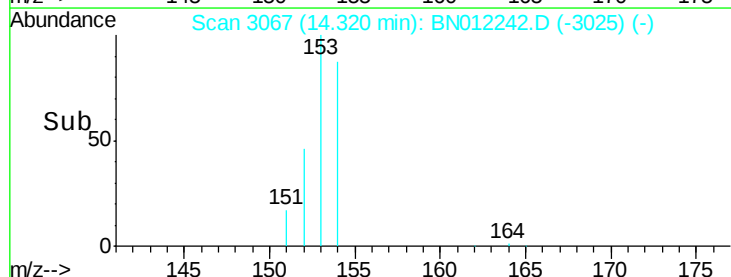
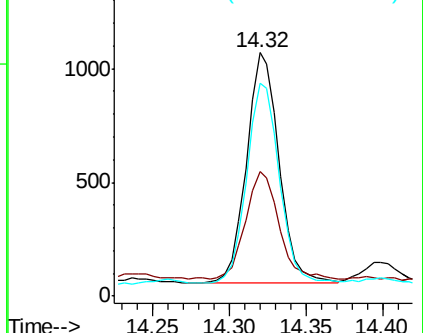
154 87.3 71.1 106.7

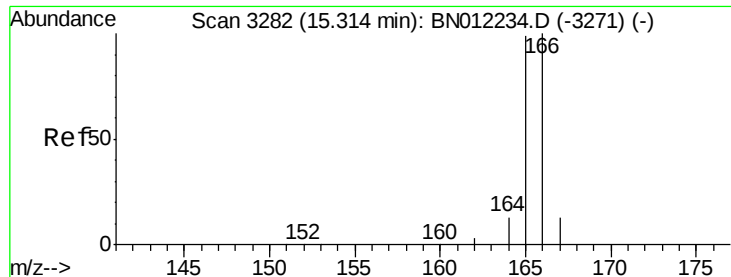


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.129 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. 0.00 min

Lab File: BN012242.D

Acq: 15 Oct 2020 21:37

Instrument :

BNA_N

ClientSampleId :

C0AK5

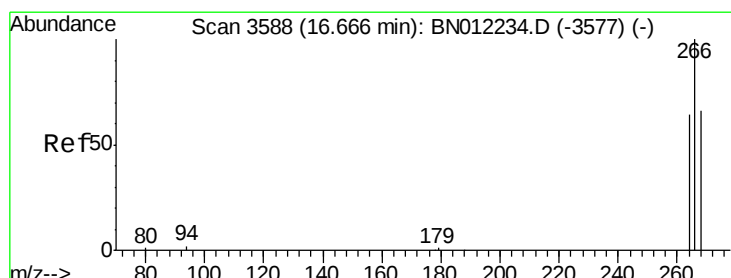
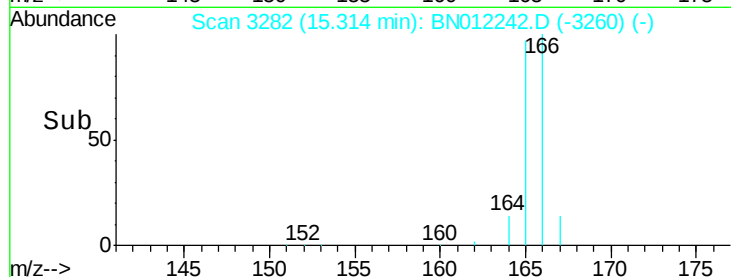
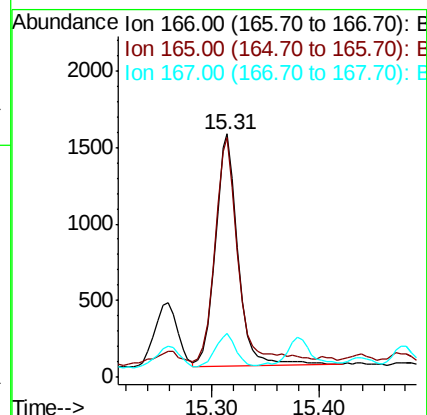
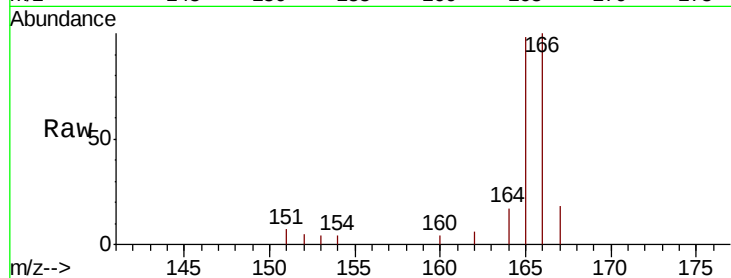
Tot Ion:166 Resp: 2236

Ion Ratio Lower Upper

166 100

165 98.2 78.6 118.0

167 18.2 11.9 17.9#



#11

Pentachlorophenol

Concen: 0.106 ng/ul

RT: 16.66 min Scan# 3587

Delta R.T. -0.00 min

Lab File: BN012242.D

Acq: 15 Oct 2020 21:37

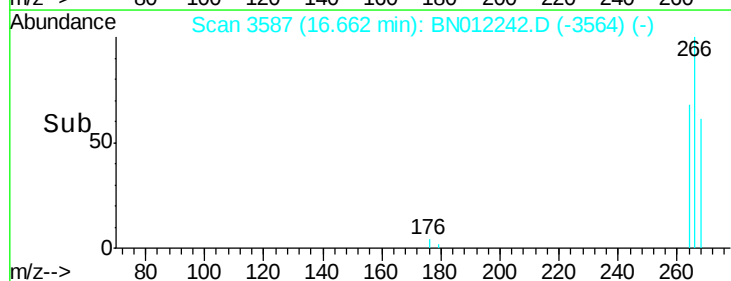
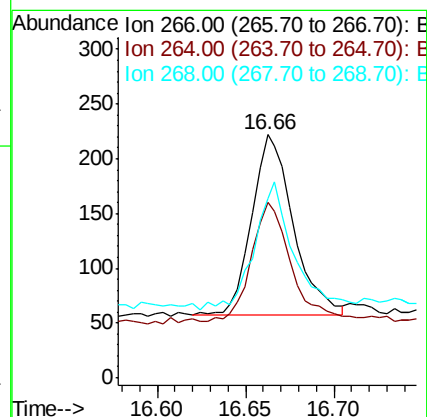
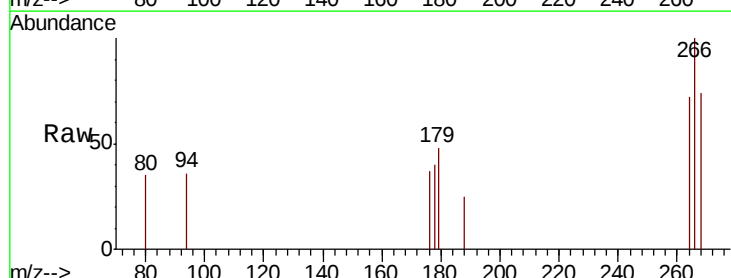
Tgt Ion:266 Resp: 272

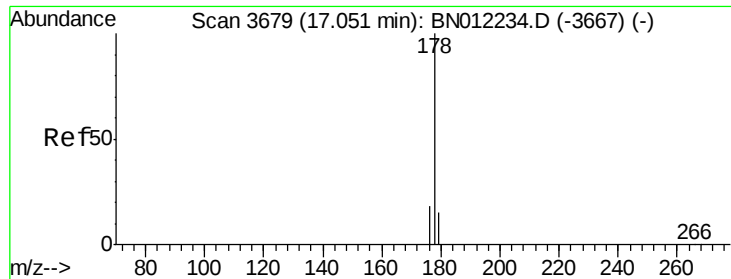
Ion Ratio Lower Upper

266 100

264 65.4 50.3 75.5

268 67.3 52.4 78.6





#12

Phenanthrene

Concen: 1.170 ng/ul

RT: 17.05 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN012242.D

Acq: 15 Oct 2020 21:37

Instrument :

BNA_N

ClientSampleId :

C0AK5

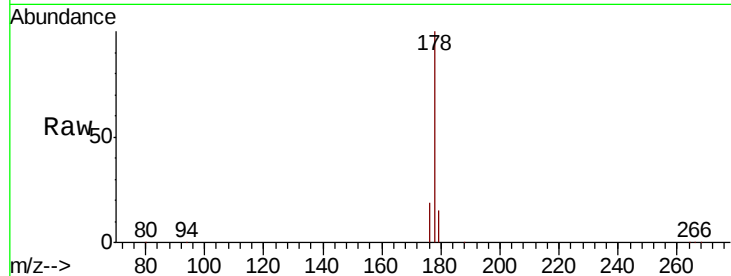
Tot Ion:178 Resp: 33177

Ion Ratio Lower Upper

178 100

179 15.3 13.4 20.2

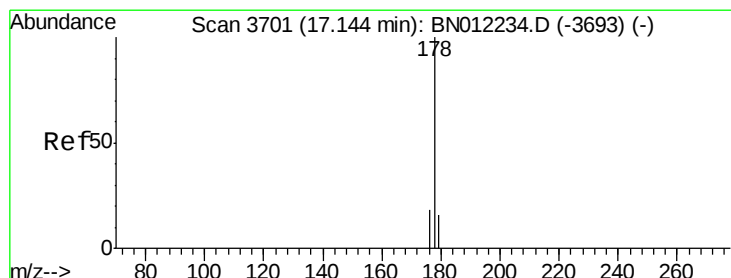
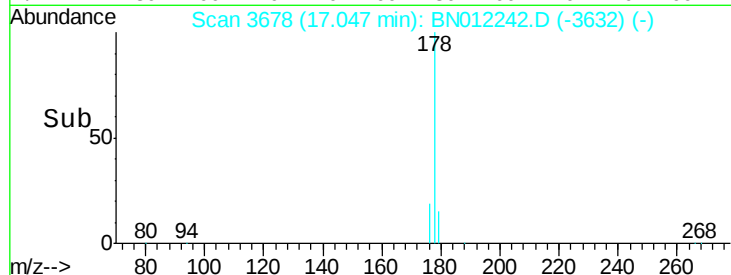
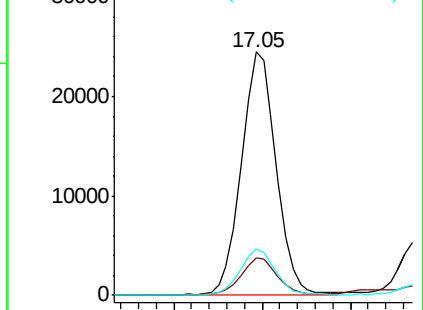
176 18.9 15.7 23.5



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: 0.326 ng/ul

RT: 17.14 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN012242.D

Acq: 15 Oct 2020 21:37

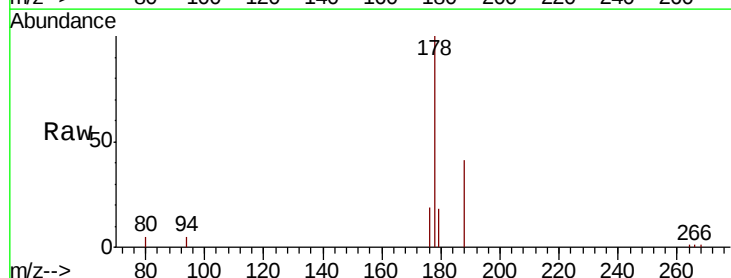
Tgt Ion:178 Resp: 7926

Ion Ratio Lower Upper

178 100

179 17.6 13.9 20.9

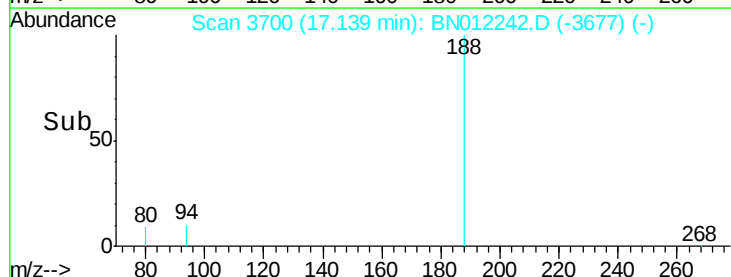
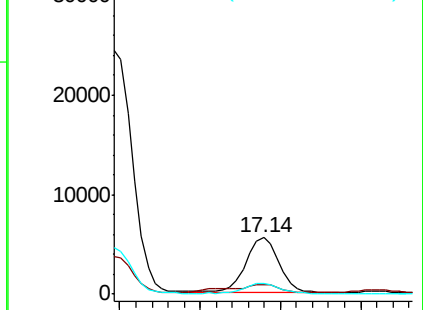
176 19.4 15.4 23.0

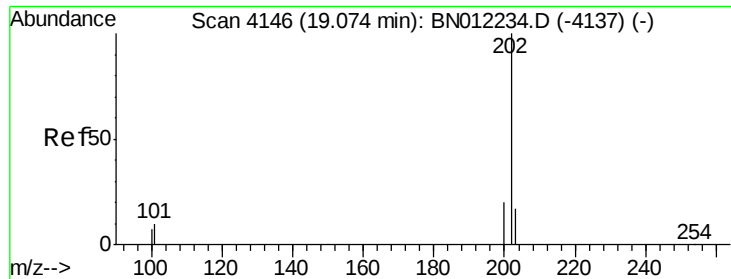


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

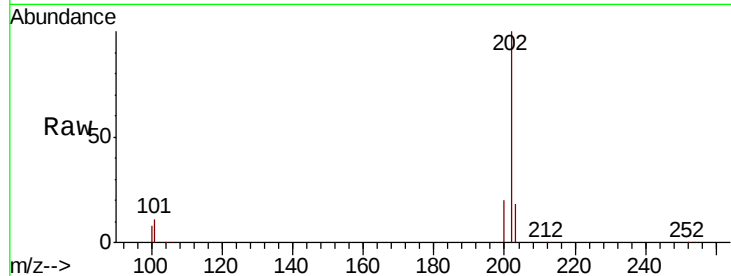




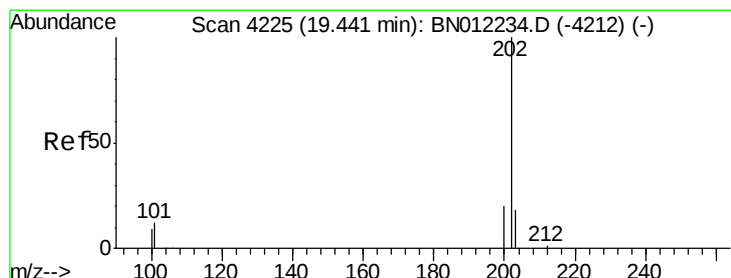
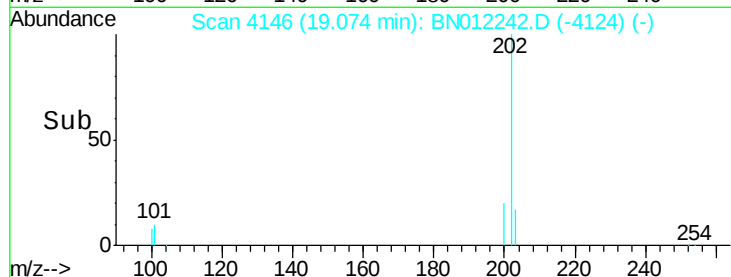
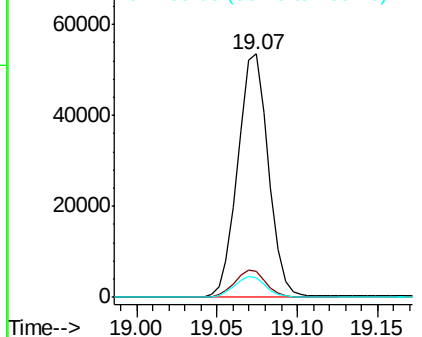
#15
Fluoranthene
Concen: 2.130 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Instrument :
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C0AK5

Tot Ion:202 Resp: 70659
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.0
100 7.9 0.0 28.7

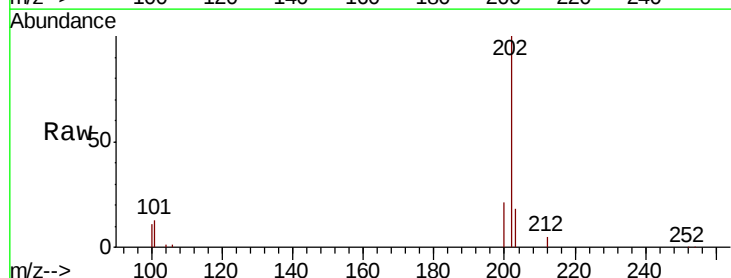


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

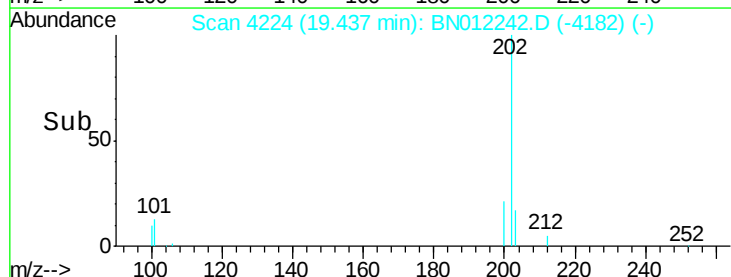
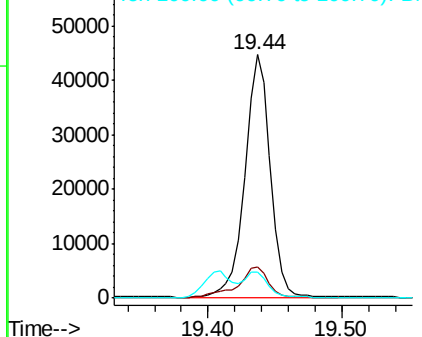


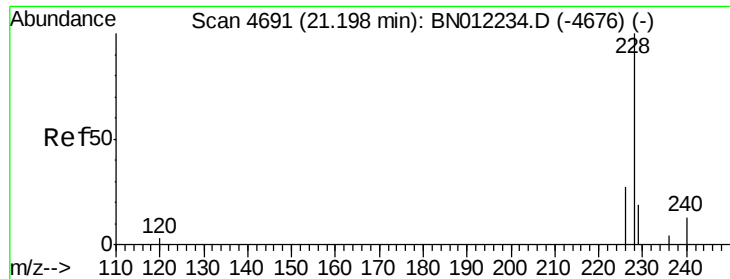
#17
Pyrene
Concen: 1.718 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:202 Resp: 58488
Ion Ratio Lower Upper
202 100
101 12.8 9.9 14.9
100 10.6 8.0 12.0



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

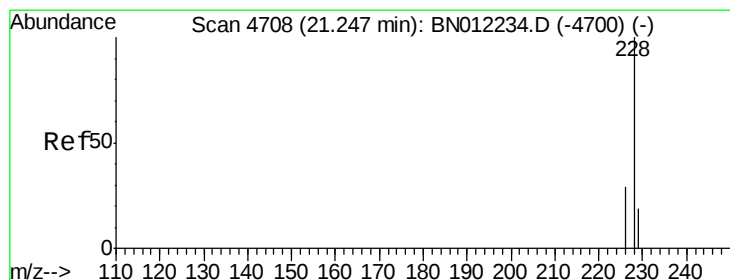
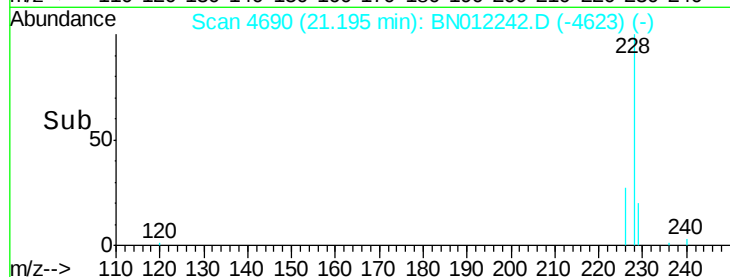
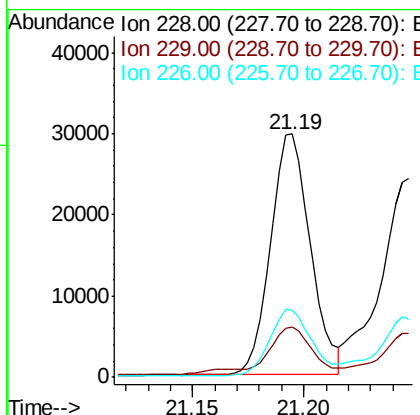
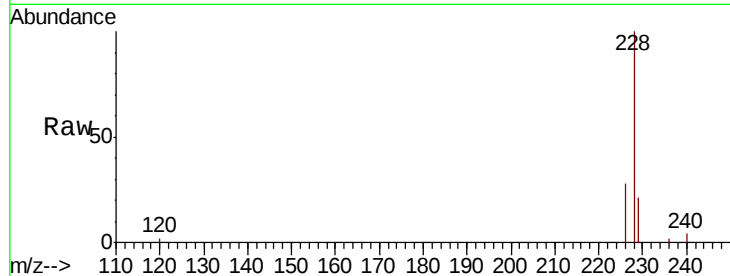




#18
Benzo(a)anthracene
Concen: 1.321 ng/ul
RT: 21.19 min Scan# 4690
Delta R.T. -0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

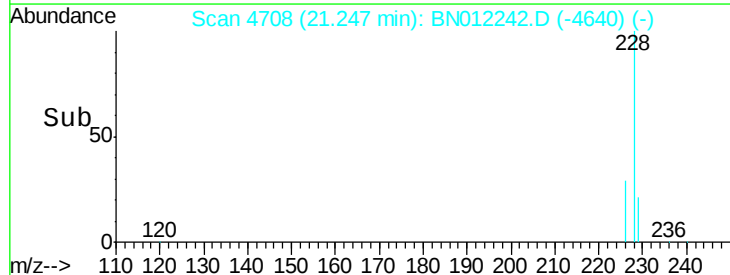
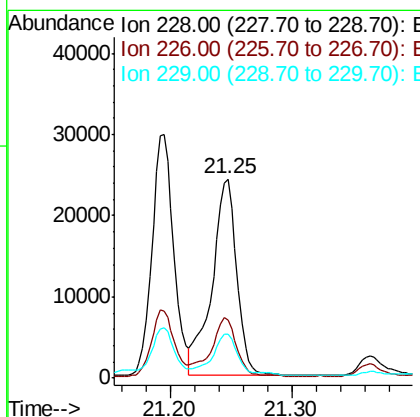
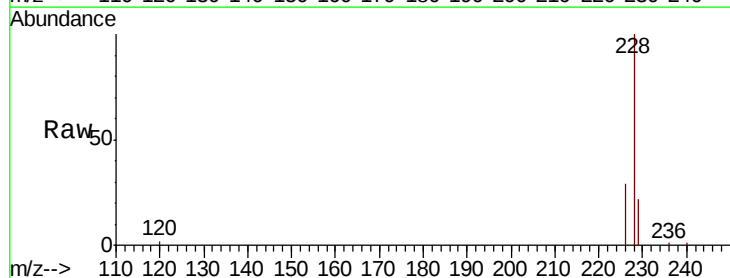
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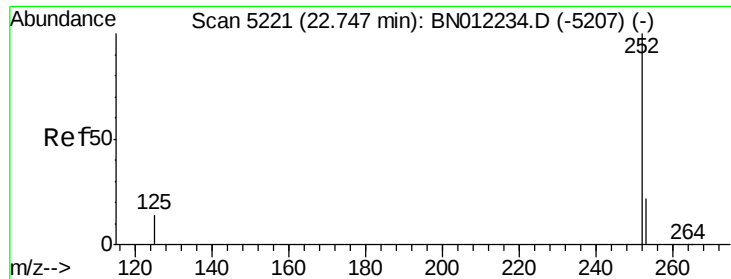
Tot Ion:228 Resp: 36958
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 27.7 22.6 33.8



#19
Chrysene
Concen: 1.011 ng/ul
RT: 21.25 min Scan# 4708
Delta R.T. 0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:228 Resp: 34444
Ion Ratio Lower Upper
228 100
226 29.4 24.6 37.0
229 22.3 17.0 25.6





#21

Benzo(b)fluoranthene

Concen: 1.951 ng/ul

RT: 22.75 min Scan# 5221

Delta R.T. 0.00 min

Lab File: BN012242.D

Acq: 15 Oct 2020 21:37

Instrument :

BNA_N

ClientSampleId :

C0AK5

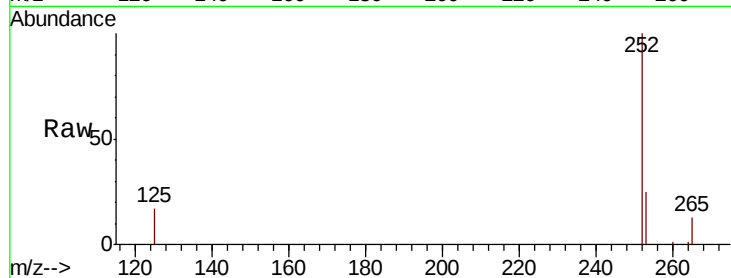
Tot Ion:252 Resp: 59577

Ion Ratio Lower Upper

252 100

253 25.3 0.0 61.6

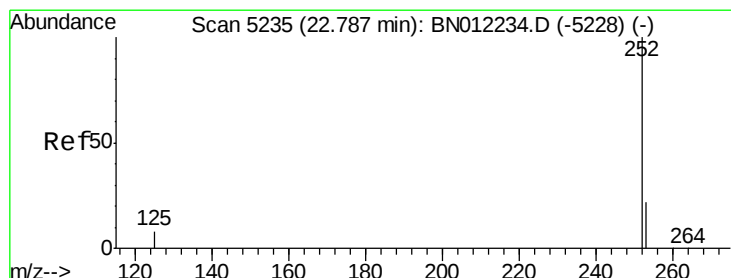
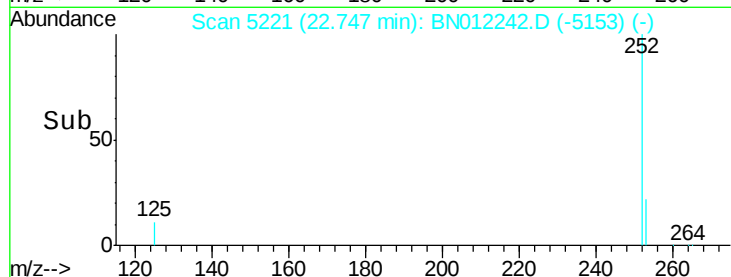
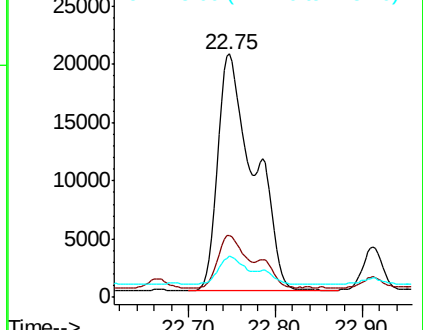
125 16.8 0.0 36.8



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



#22

Benzo(k)fluoranthene

Concen: 1.762 ng/ul

RT: 22.75 min Scan# 5221

Delta R.T. -0.04 min

Lab File: BN012242.D

Acq: 15 Oct 2020 21:37

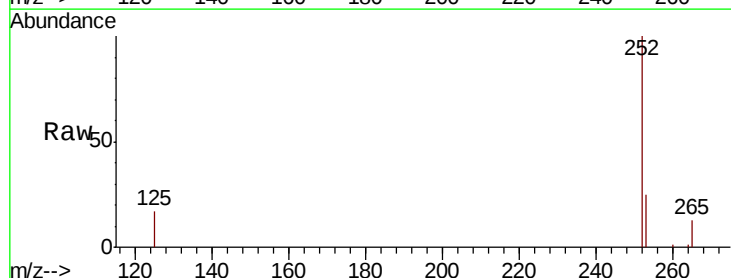
Tgt Ion:252 Resp: 59577

Ion Ratio Lower Upper

252 100

253 25.3 24.4 36.6

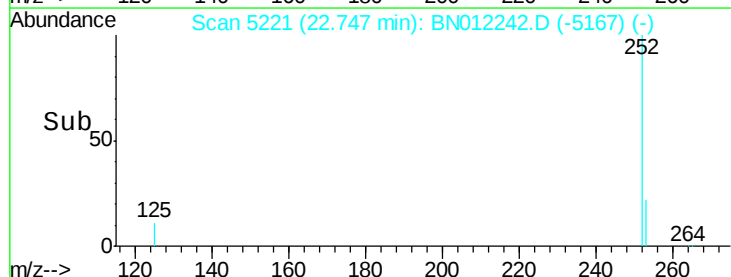
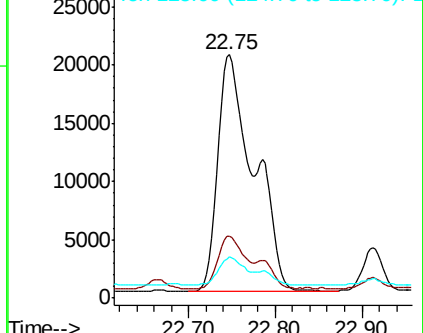
125 16.8 12.9 19.3

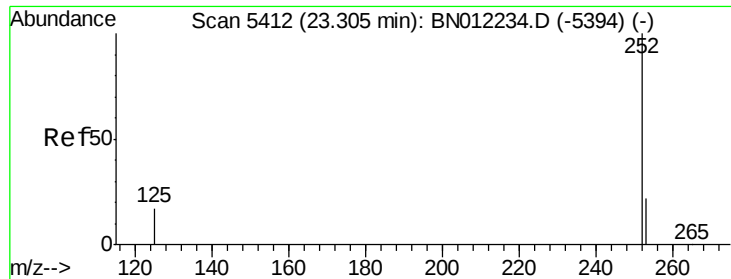


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.982 ng/ul

RT: 23.30 min Scan# 5411

Delta R.T. -0.00 min

Lab File: BN012242.D

Acq: 15 Oct 2020 21:37

Instrument :

BNA_N

ClientSampleId :

C0AK5

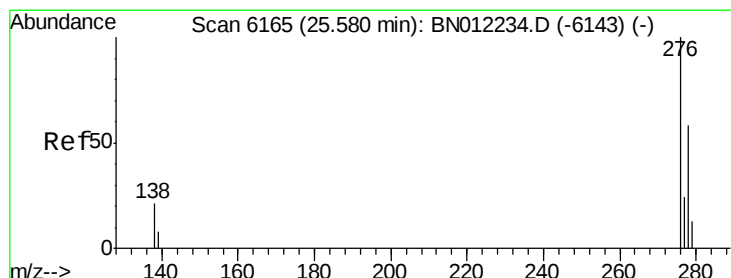
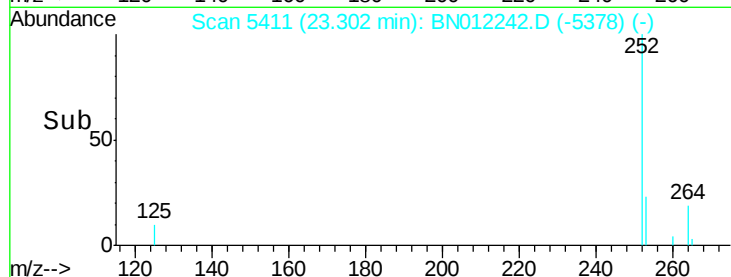
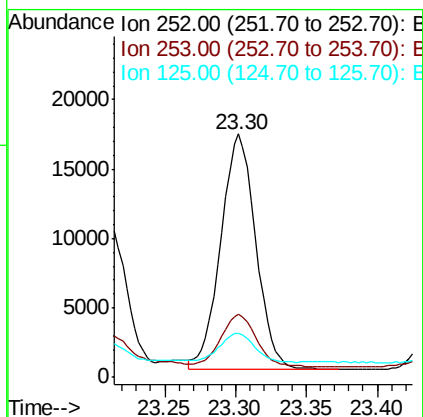
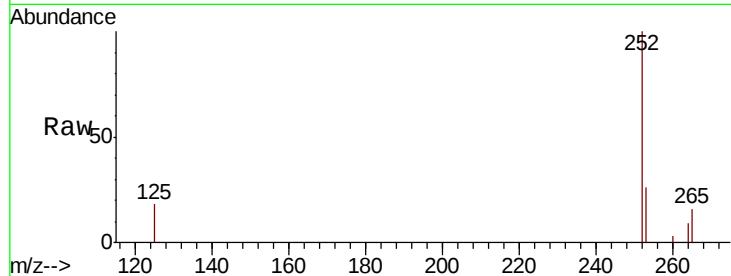
Tot Ion:252 Resp: 29193

Ion Ratio Lower Upper

252 100

253 25.7 27.0 40.4#

125 18.1 18.8 28.2#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.515 ng/ul

RT: 25.58 min Scan# 6164

Delta R.T. -0.00 min

Lab File: BN012242.D

Acq: 15 Oct 2020 21:37

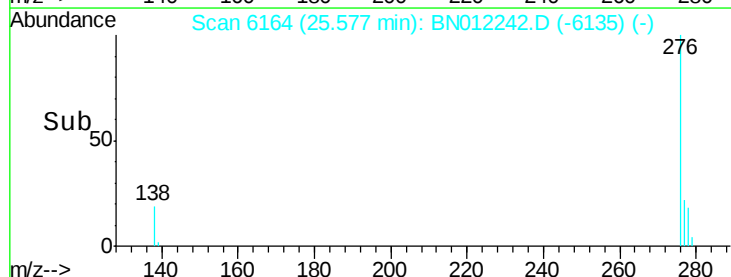
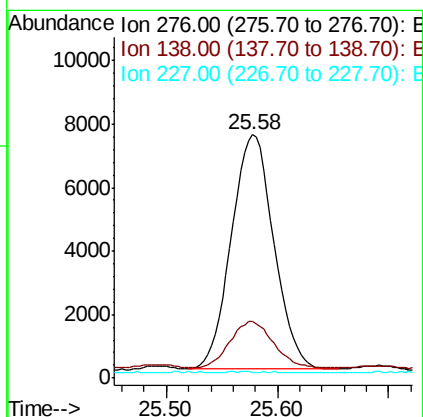
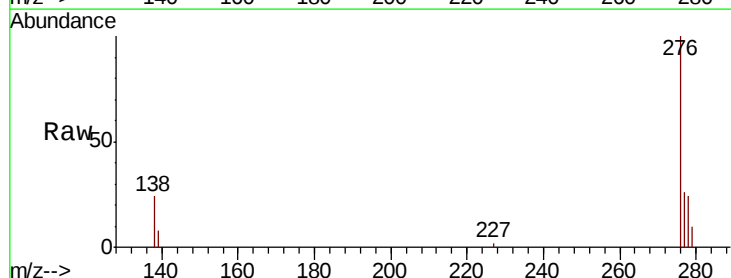
Tgt Ion:276 Resp: 19646

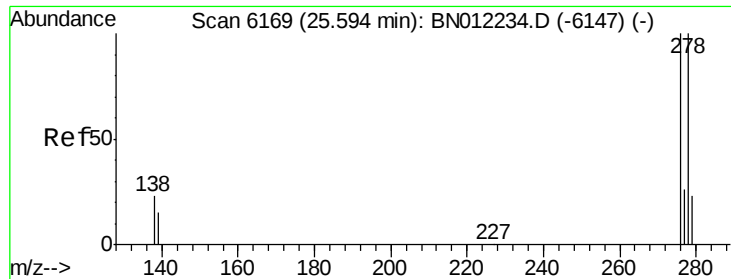
Ion Ratio Lower Upper

276 100

138 20.5 0.0 0.0#

227 0.1 0.0 0.0#

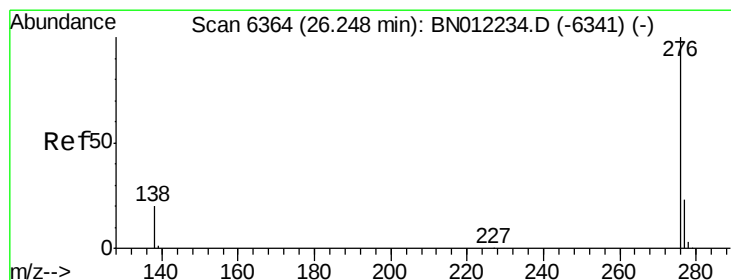
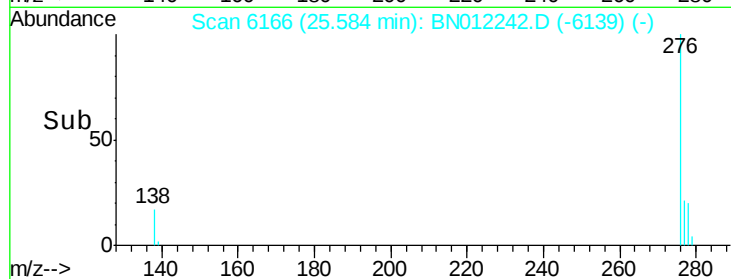
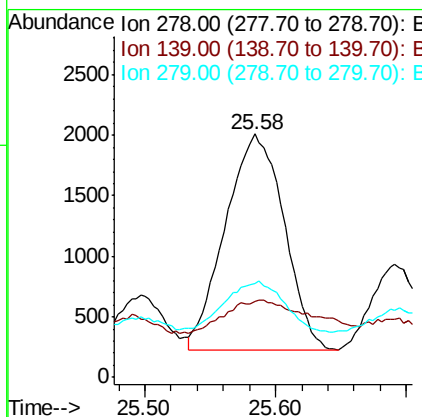
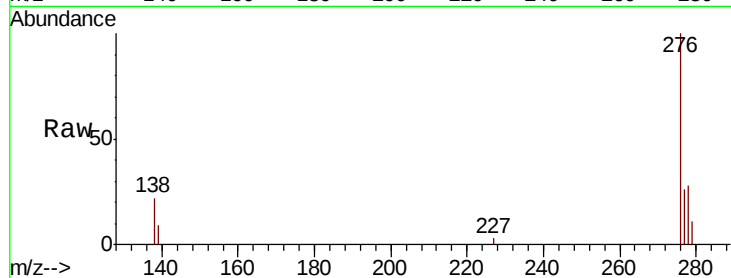




#25
Dibenzo(a,h)anthracene
Concen: 0.181 ng/ul
RT: 25.58 min Scan# 6166
Delta R.T. -0.01 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Instrument :
BNA_N
ClientSampleId :
C0AK5

Tot Ion:278 Resp: 5541
Ion Ratio Lower Upper
278 100
139 31.0 15.7 23.5#
279 38.5 26.0 39.0



#26
Benzo(g,h,i)perylene
Concen: 0.462 ng/ul
RT: 26.24 min Scan# 6363
Delta R.T. -0.00 min
Lab File: BN012242.D
Acq: 15 Oct 2020 21:37

Tgt Ion:276 Resp: 16167
Ion Ratio Lower Upper
276 100
138 24.4 17.1 25.7
277 26.2 21.1 31.7

