

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012206.D
 Acq On : 14 Oct 2020 22:07
 Operator : CG/JU
 Sample : L4166-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Quant Time: Oct 15 00:54:12 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 : Thu Oct 15 00:46:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1149	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4558	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	2609	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	5245	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	4451	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	5010	0.40	ng/ul	-0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	976	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	2210	0.15	ng/ul	0.00

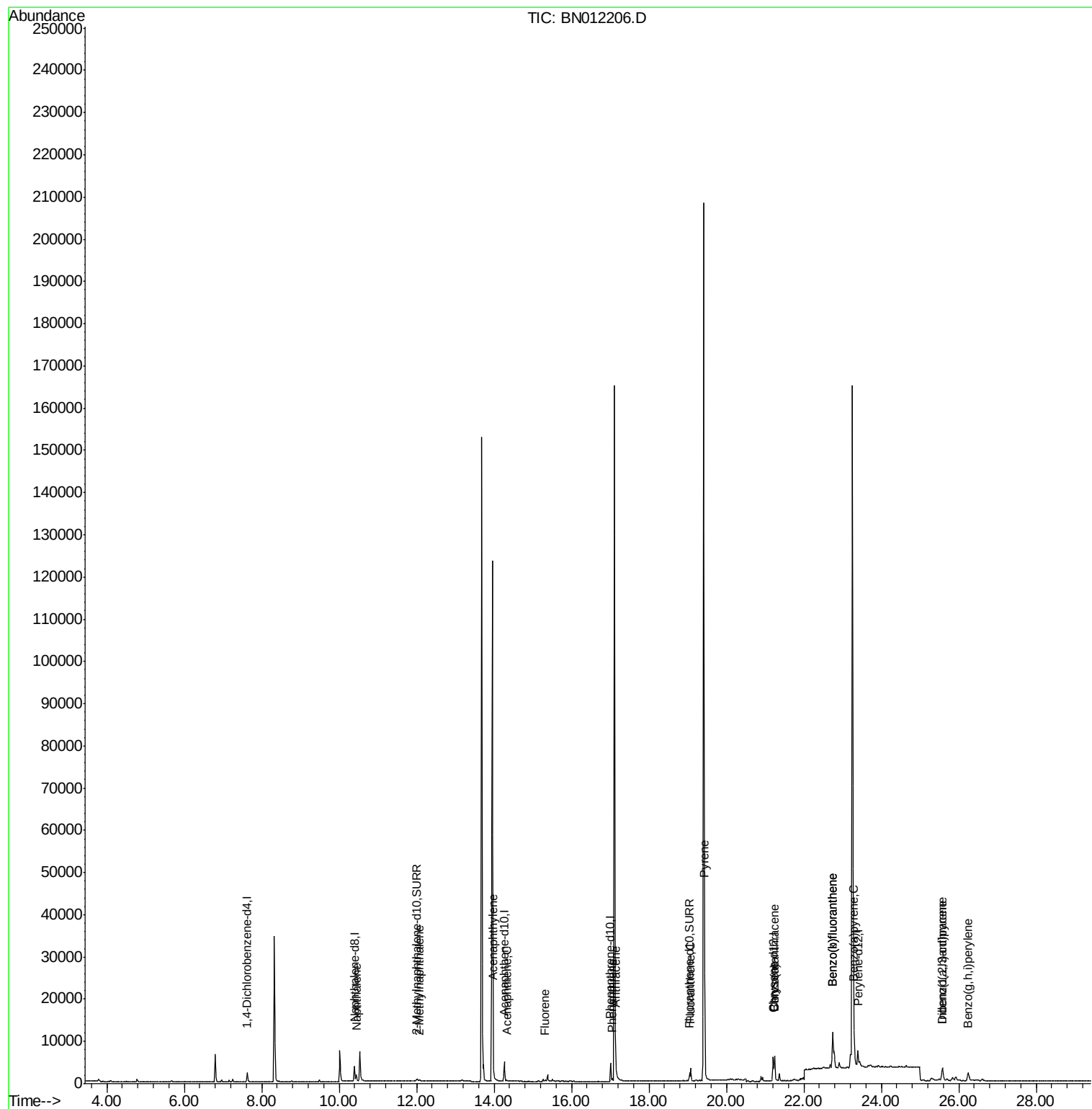
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	2026	0.154	ng/ul	95
5) 2-Methylnaphthalene	12.07	142	195	0.023	ng/ul	85
7) Acenaphthylene	13.98	152	953	0.084	ng/ul#	85
8) Acenaphthene	14.32	153	220	0.023	ng/ul#	90
9) Fluorene	15.32	166	234	0.022	ng/ul#	92
12) Phenanthrene	17.05	178	869	0.052	ng/ul#	84
13) Anthracene	17.14	178	1025	0.071	ng/ul#	87
15) Fluoranthene	19.07	202	2707	0.138	ng/ul	96
17) Pyrene	19.44	202	22036	1.098	ng/ul	99
18) Benzo(a)anthracene	21.24	228	6594	0.400	ng/ul	93
19) Chrysene	21.24	228	6749	0.336	ng/ul	97
21) Benzo(b)fluoranthene	22.74	252	18113	0.895	ng/ul	97
22) Benzo(k)fluoranthene	22.74	252	18113	0.809	ng/ul	97
23) Benzo(a)pyrene	23.30	252	7693	0.391	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.57	276	4885	0.193	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	1452	0.072	ng/ul#	60
26) Benzo(a,h,i)perylene	26.24	276	3866	0.167	ng/ul#	91

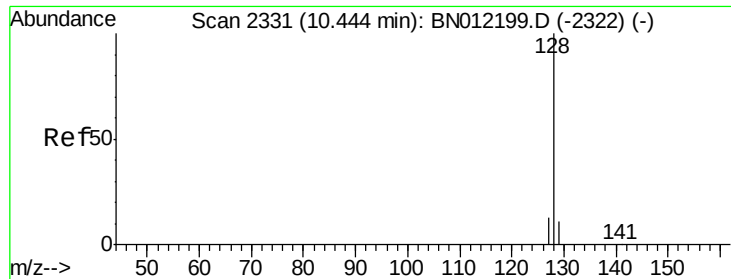
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.154 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BN012206.D

Acq: 14 Oct 2020 22:07

Instrument :

BNA_N

ClientSampleId :

C0AC7

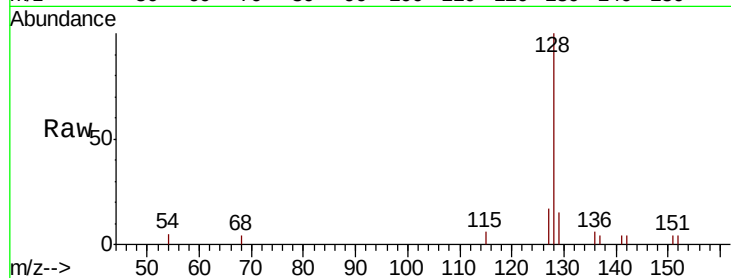
Tot Ion:128 Resp: 2026

Ion Ratio Lower Upper

128 100

129 15.2 10.3 15.5

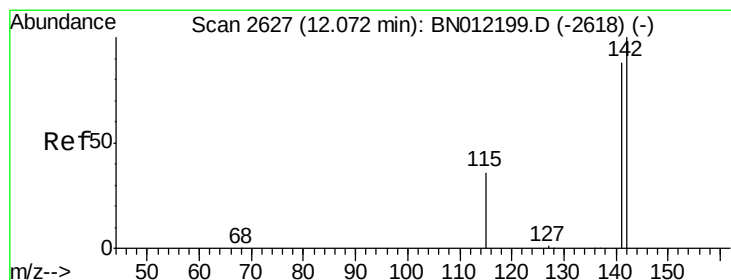
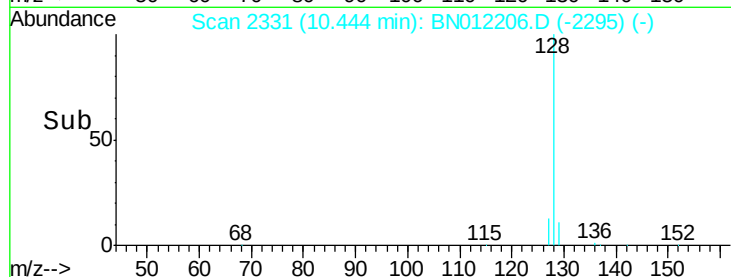
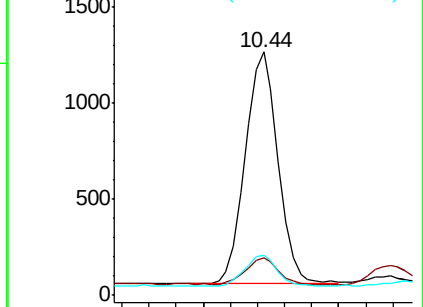
127 16.6 11.9 17.9



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: 0.023 ng/ul

RT: 12.07 min Scan# 2627

Delta R.T. 0.00 min

Lab File: BN012206.D

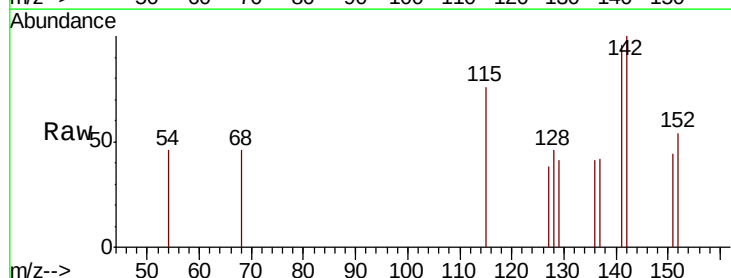
Acq: 14 Oct 2020 22:07

Tgt Ion:142 Resp: 195

Ion Ratio Lower Upper

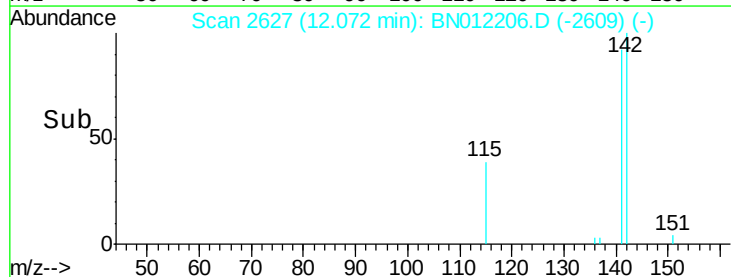
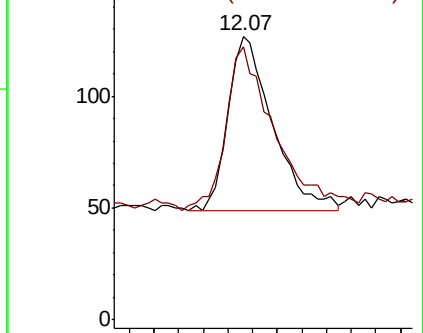
142 100

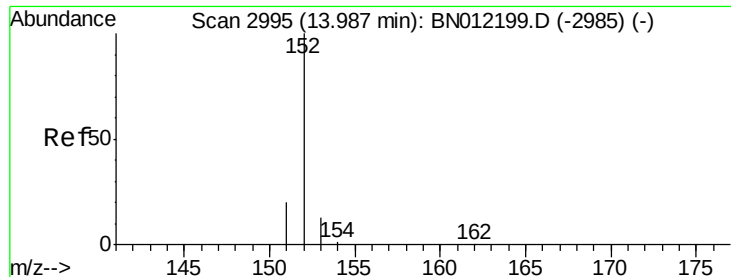
141 104.1 71.7 107.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.084 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN012206.D

Acq: 14 Oct 2020 22:07

Instrument :

BNA_N

ClientSampleId :

C0AC7

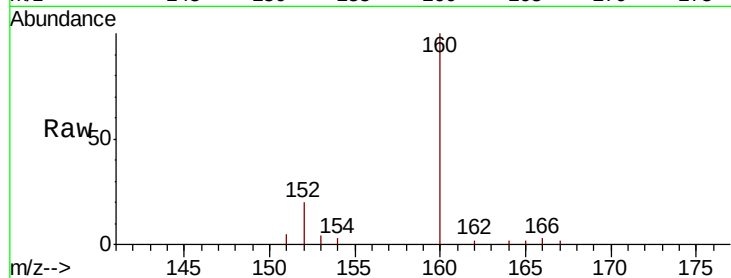
Tot Ion:152 Resp: 953

Ion Ratio Lower Upper

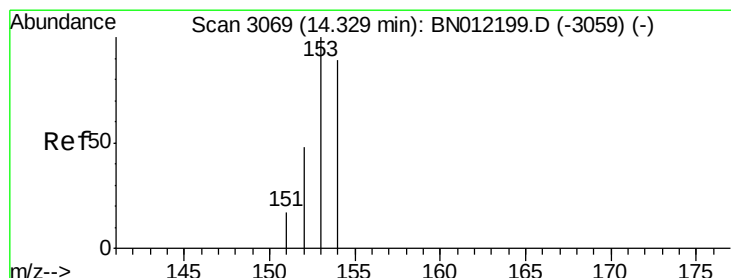
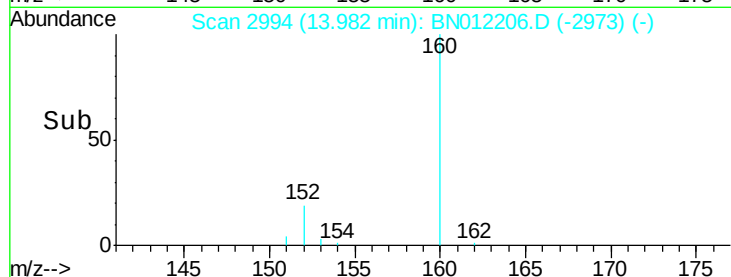
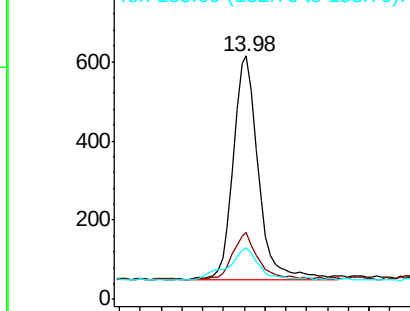
152 100

151 27.5 16.7 25.1#

153 21.3 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: 0.023 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.00 min

Lab File: BN012206.D

Acq: 14 Oct 2020 22:07

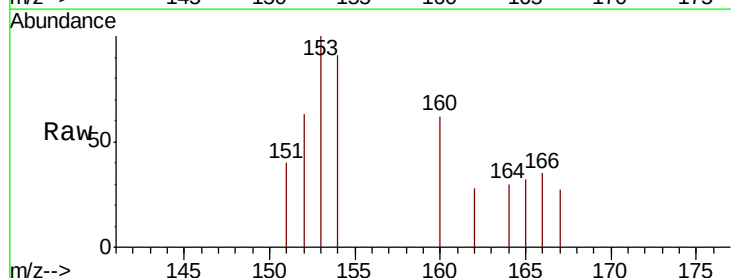
Tgt Ion:153 Resp: 220

Ion Ratio Lower Upper

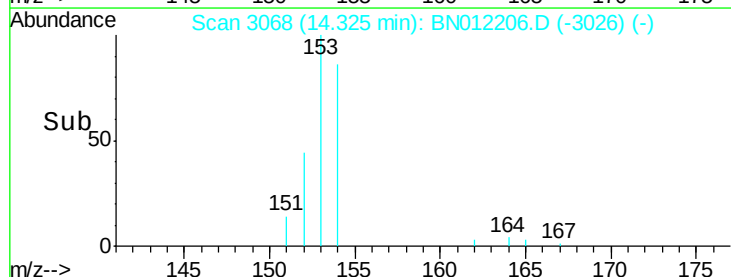
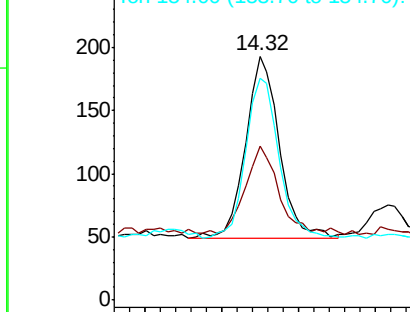
153 100

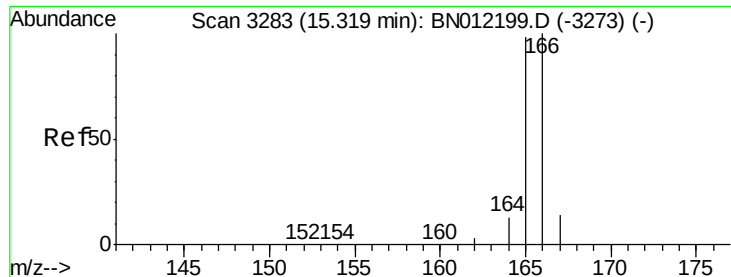
152 63.2 38.2 57.2#

154 91.2 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

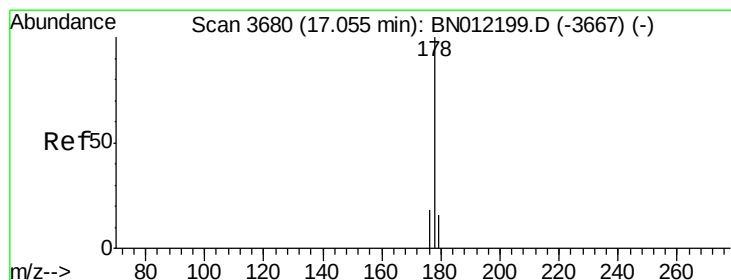
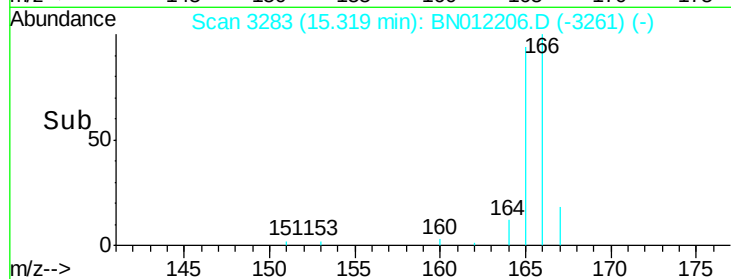
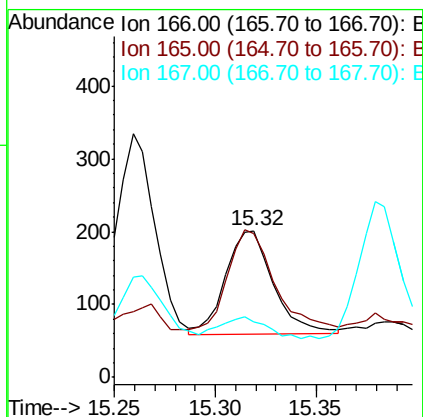
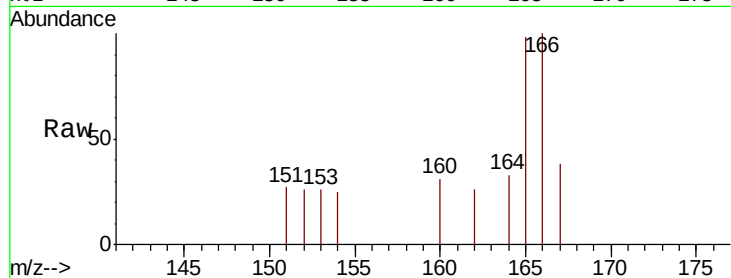




#9
Fluorene
 Concen: 0.022 ng/ul
 RT: 15.32 min Scan# 3283
 Delta R.T. 0.00 min
 Lab File: BN012206.D
 Acq: 14 Oct 2020 22:07

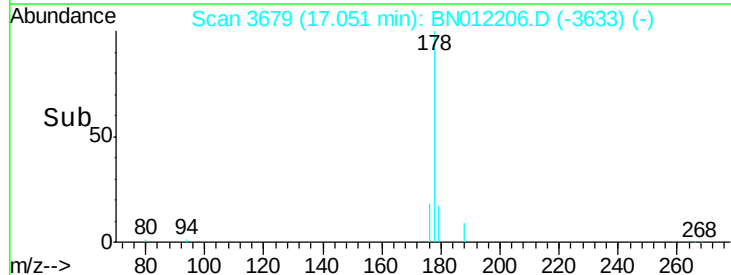
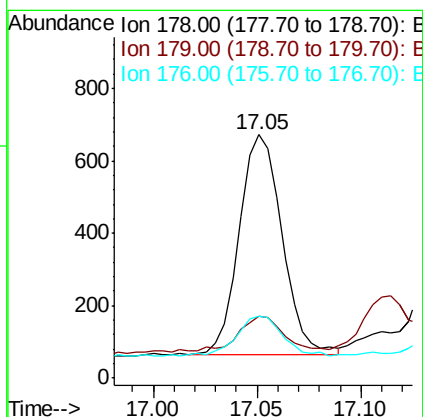
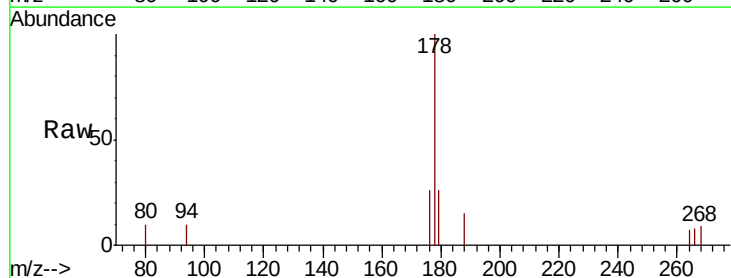
Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

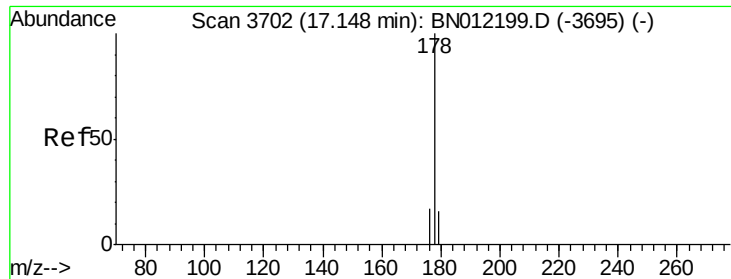
Tot Ion:166 Resp: 234
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.6 118.0
 167 37.8 11.9 17.9#



#12
Phenanthrene
 Concen: 0.052 ng/ul
 RT: 17.05 min Scan# 3679
 Delta R.T. -0.00 min
 Lab File: BN012206.D
 Acq: 14 Oct 2020 22:07

Tgt Ion:178 Resp: 869
 Ion Ratio Lower Upper
 178 100
 179 25.6 13.4 20.2#
 176 25.6 15.7 23.5#





#13

Anthracene

Concen: 0.071 ng/ul

RT: 17.14 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BN012206.D

Acq: 14 Oct 2020 22:07

Instrument :

BNA_N

ClientSampled :

C0AC7

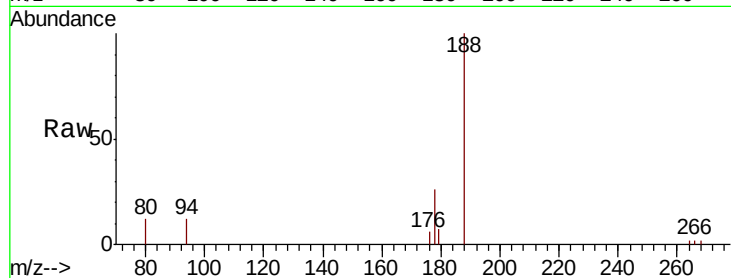
Tot Ion:178 Resp: 1025

Ion Ratio Lower Upper

178 100

179 24.9 13.9 20.9#

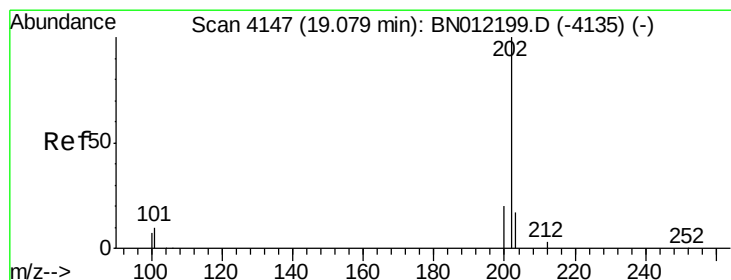
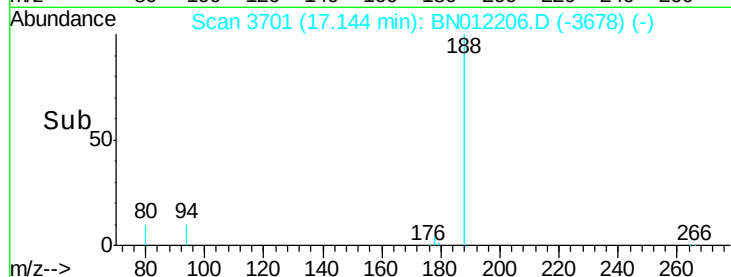
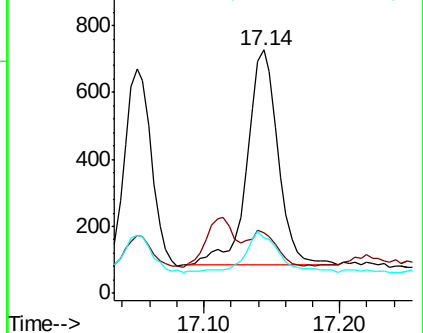
176 23.0 15.4 23.0



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: 0.138 ng/ul

RT: 19.07 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN012206.D

Acq: 14 Oct 2020 22:07

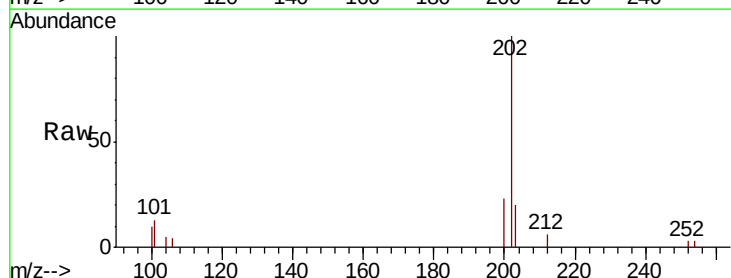
Tgt Ion:202 Resp: 2707

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.0

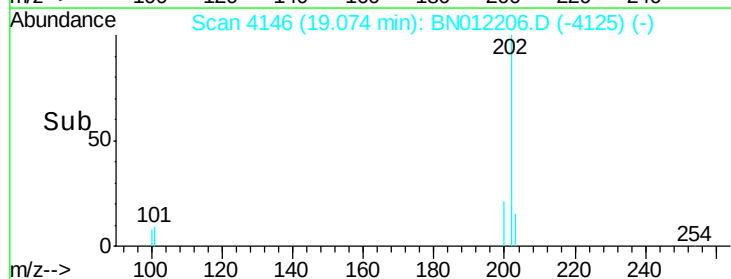
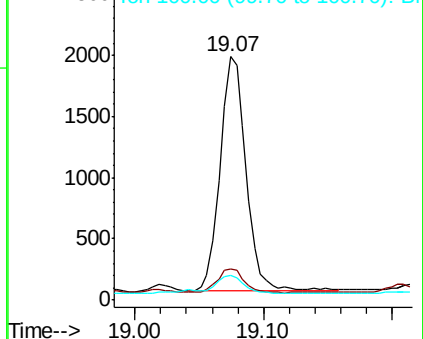
100 10.4 0.0 28.7

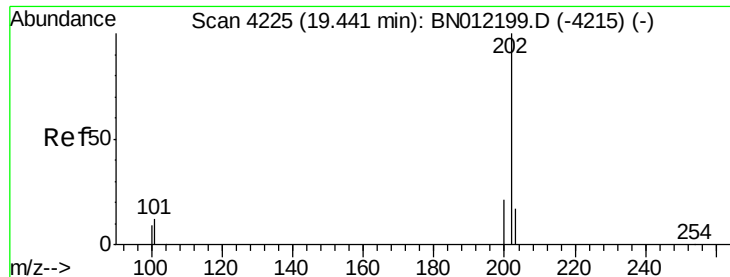


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 1.098 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN012206.D

Acq: 14 Oct 2020 22:07

Instrument :

BNA_N

ClientSampleId :

C0AC7

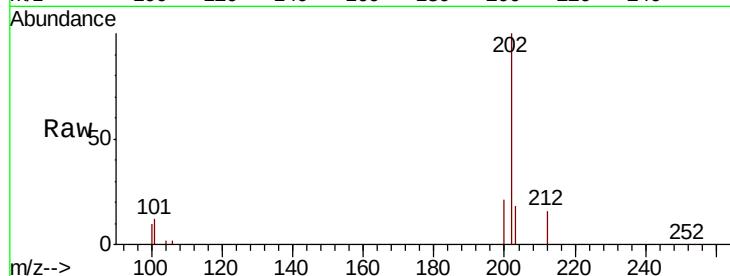
Tot Ion:202 Resp: 22036

Ion Ratio Lower Upper

202 100

101 12.1 9.9 14.9

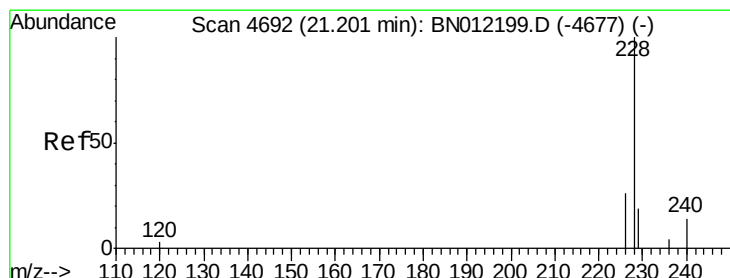
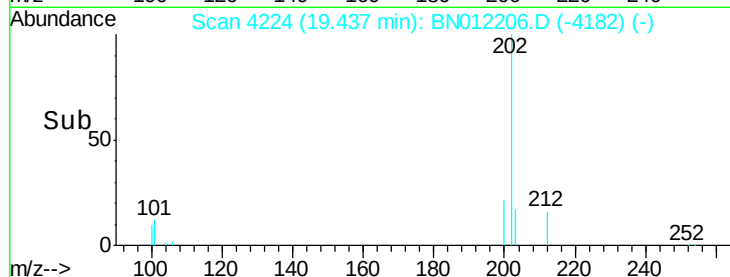
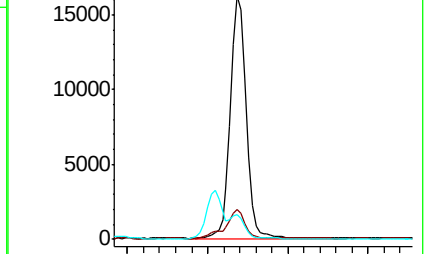
100 10.1 8.0 12.0



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): E



#18

Benzo(a)anthracene

Concen: 0.400 ng/ul

RT: 21.24 min Scan# 4707

Delta R.T. 0.04 min

Lab File: BN012206.D

Acq: 14 Oct 2020 22:07

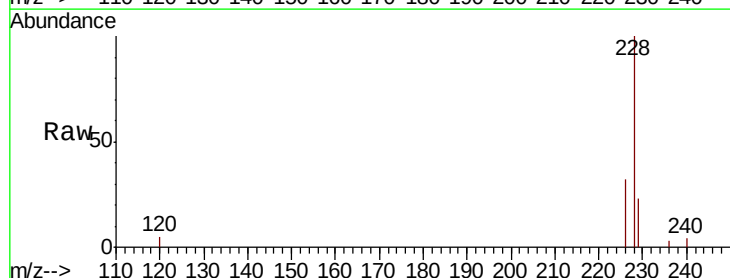
Tgt Ion:228 Resp: 6594

Ion Ratio Lower Upper

228 100

229 22.8 15.8 23.8

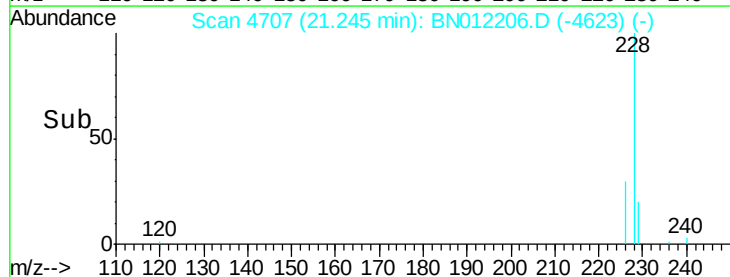
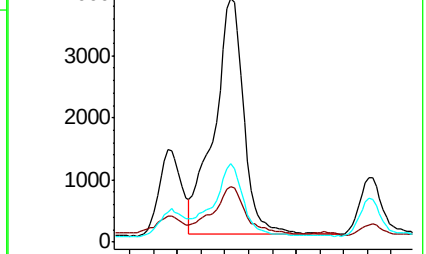
226 32.2 22.6 33.8

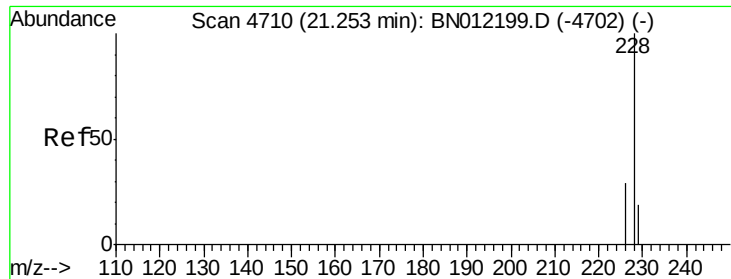


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.336 ng/ul

RT: 21.24 min Scan# 4707

Delta R.T. -0.01 min

Lab File: BN012206.D

Acq: 14 Oct 2020 22:07

Instrument :

BNA_N

ClientSampleId :

C0AC7

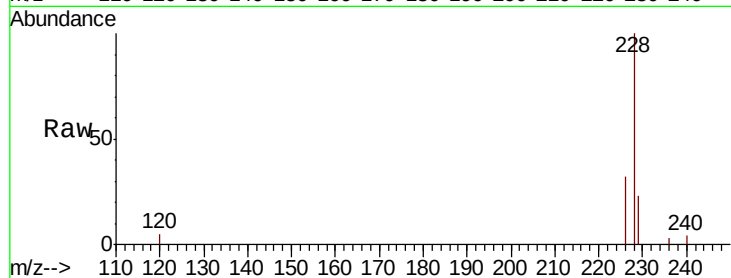
Tot Ion:228 Resp: 6749

Ion Ratio Lower Upper

228 100

226 32.2 24.6 37.0

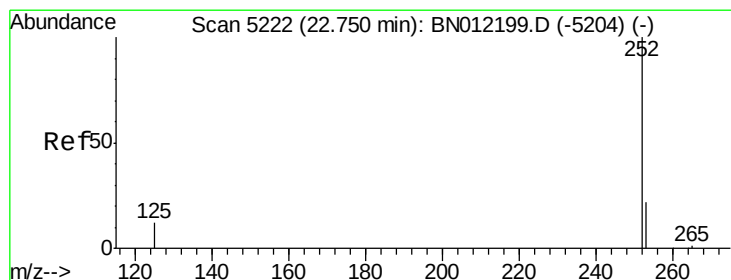
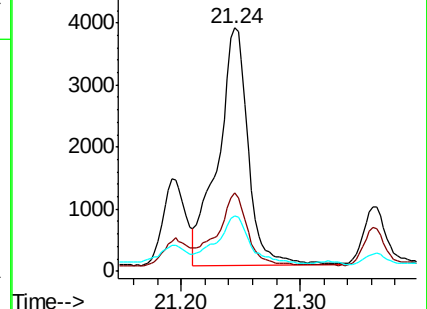
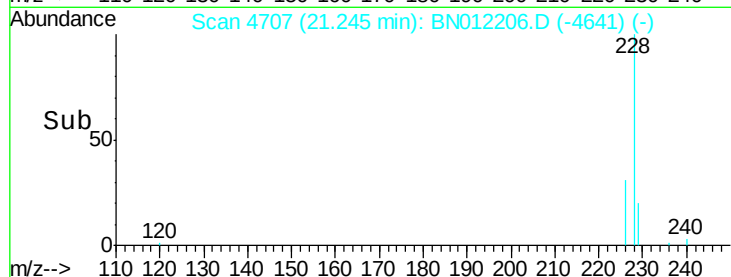
229 22.8 17.0 25.6



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: 0.895 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. -0.01 min

Lab File: BN012206.D

Acq: 14 Oct 2020 22:07

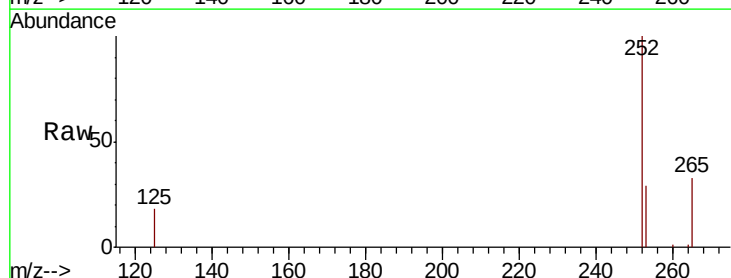
Tgt Ion:252 Resp: 18113

Ion Ratio Lower Upper

252 100

253 29.1 0.0 61.6

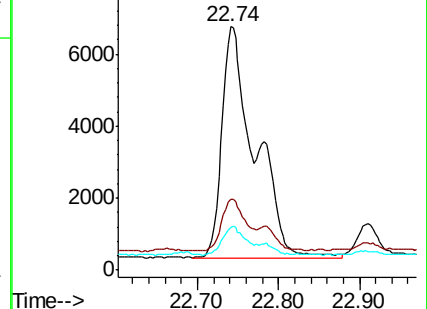
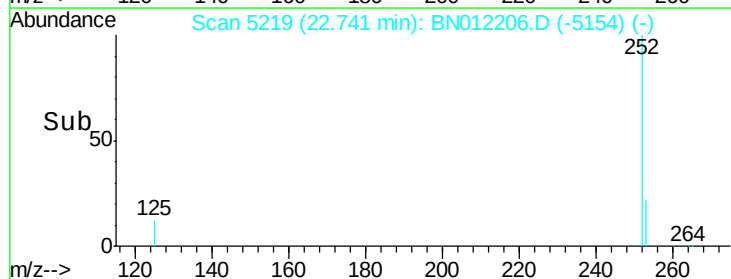
125 17.6 0.0 36.8

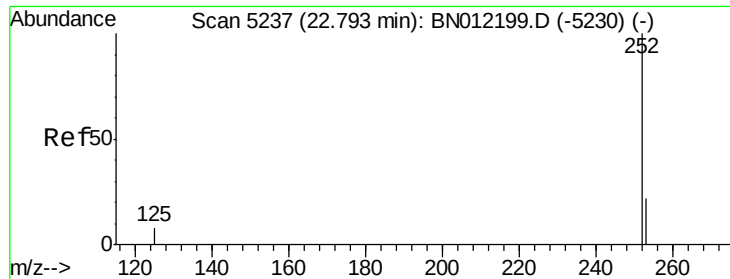


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.809 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. -0.05 min

Lab File: BN012206.D

Acq: 14 Oct 2020 22:07

Instrument :

BNA_N

ClientSampleId :

C0AC7

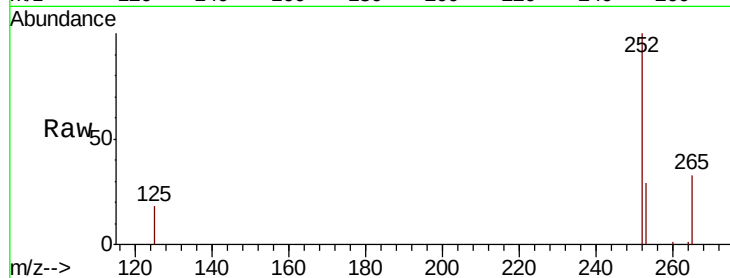
Tot Ion:252 Resp: 18113

Ion Ratio Lower Upper

252 100

253 29.1 24.4 36.6

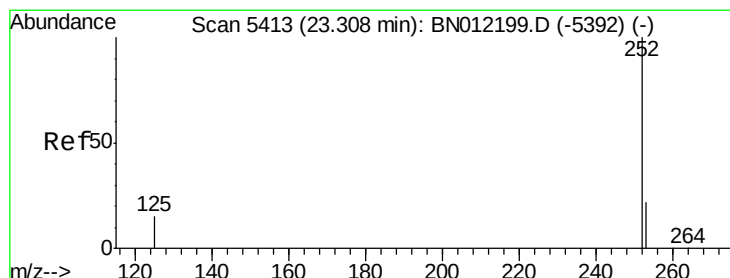
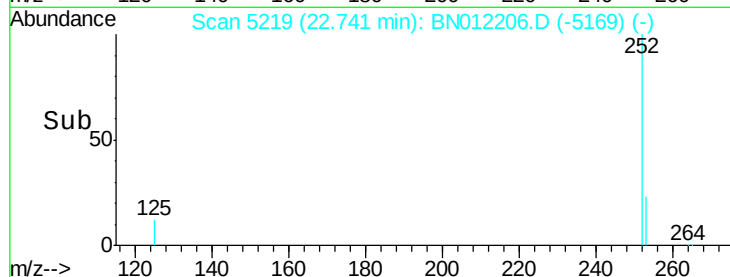
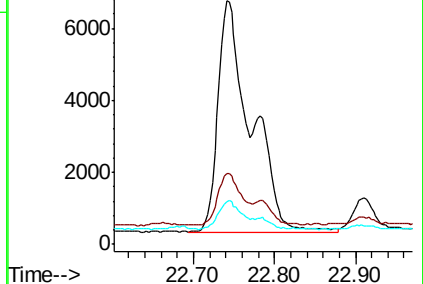
125 17.6 12.9 19.3



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: 0.391 ng/ul

RT: 23.30 min Scan# 5409

Delta R.T. -0.01 min

Lab File: BN012206.D

Acq: 14 Oct 2020 22:07

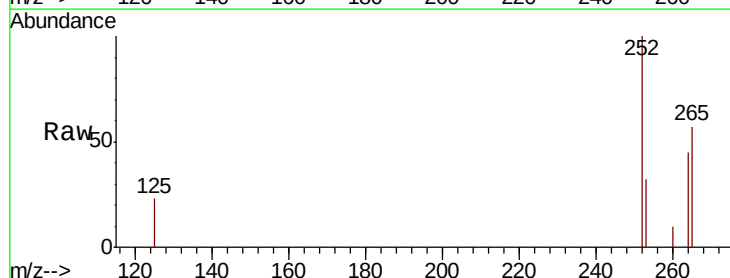
Tgt Ion:252 Resp: 7693

Ion Ratio Lower Upper

252 100

253 32.4 27.0 40.4

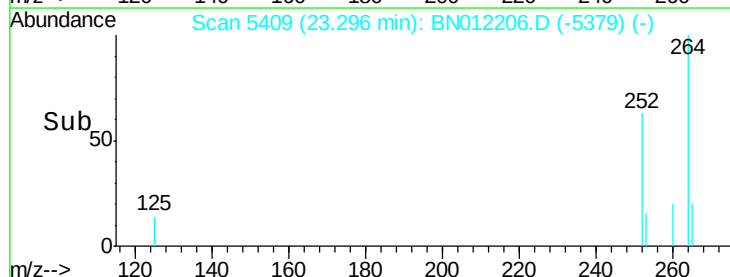
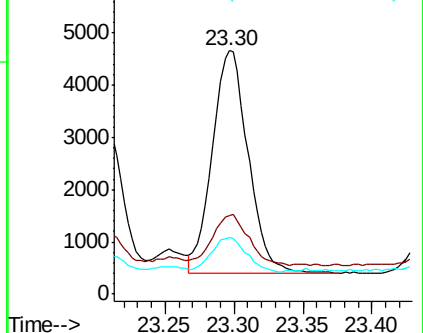
125 23.1 18.8 28.2

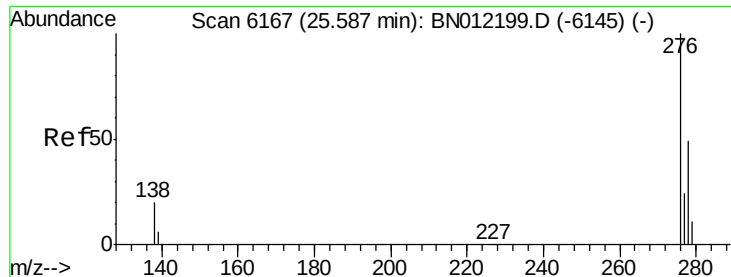


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



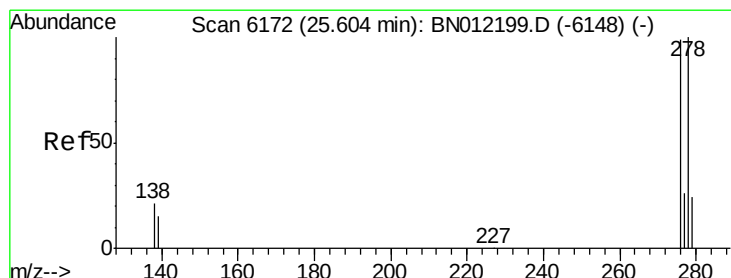
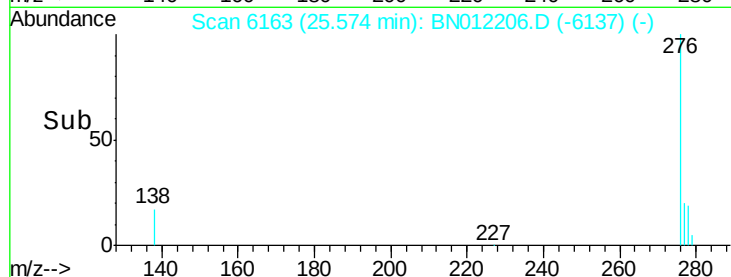
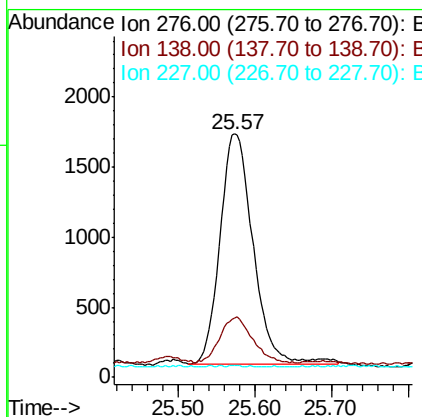
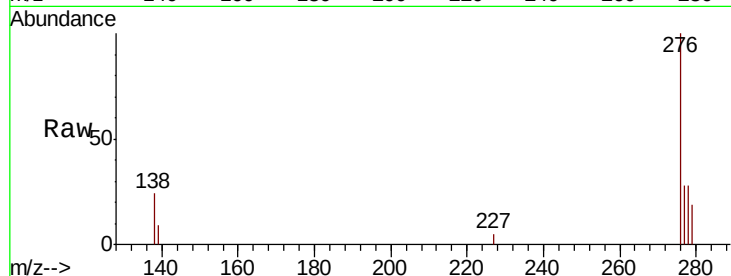


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.193 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.01 min
Lab File: BN012206.D
Acq: 14 Oct 2020 22:07

Instrument :
BNA_N
ClientSampleId :
C0AC7

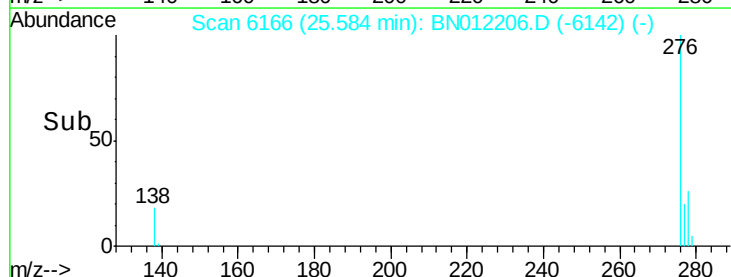
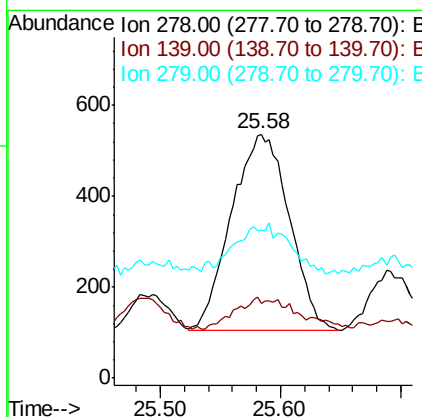
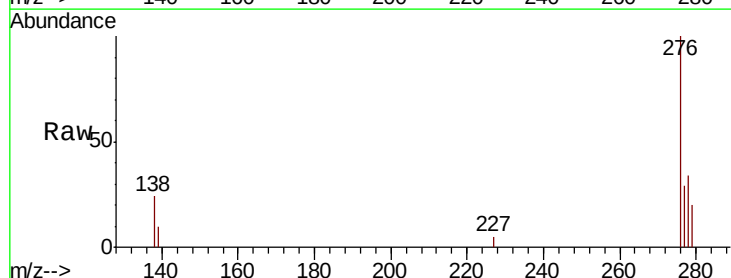
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.1	0.0	0.0#
227	0.1	0.0	0.0#

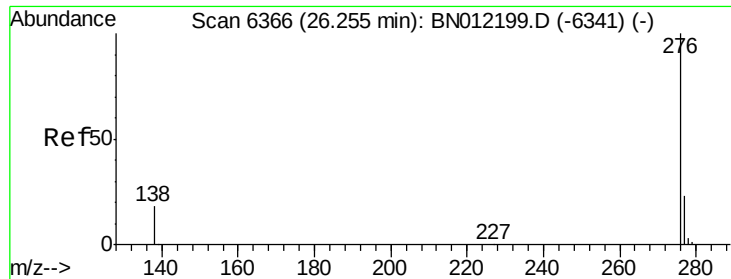


#25

Dibenzo(a,h)anthracene
Concen: 0.072 ng/ul
RT: 25.58 min Scan# 6166
Delta R.T. -0.02 min
Lab File: BN012206.D
Acq: 14 Oct 2020 22:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.6	15.7	23.5#
279	60.4	26.0	39.0#





#26

Benzo(a,h,i)perylene

Concen: 0.167 ng/ul

RT: 26.24 min Scan# 6362

Delta R.T. -0.01 min

Lab File: BN012206.D

Acq: 14 Oct 2020 22:07

Instrument :

BNA_N

ClientSampleId :

C0AC7

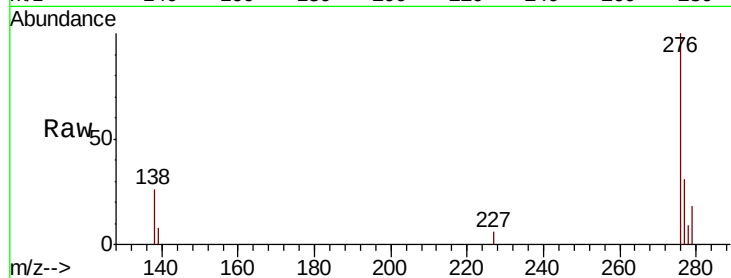
Tot Ion:276 Resp: 3866

Ion Ratio Lower Upper

276 100

138 26.2 17.1 25.7#

277 30.8 21.1 31.7



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

