

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011712.D
 Acq On : 04 Sep 2020 21:09
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 05 01:45:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN081220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 05 01:37:48 2020
 Response via : Initial Calibration

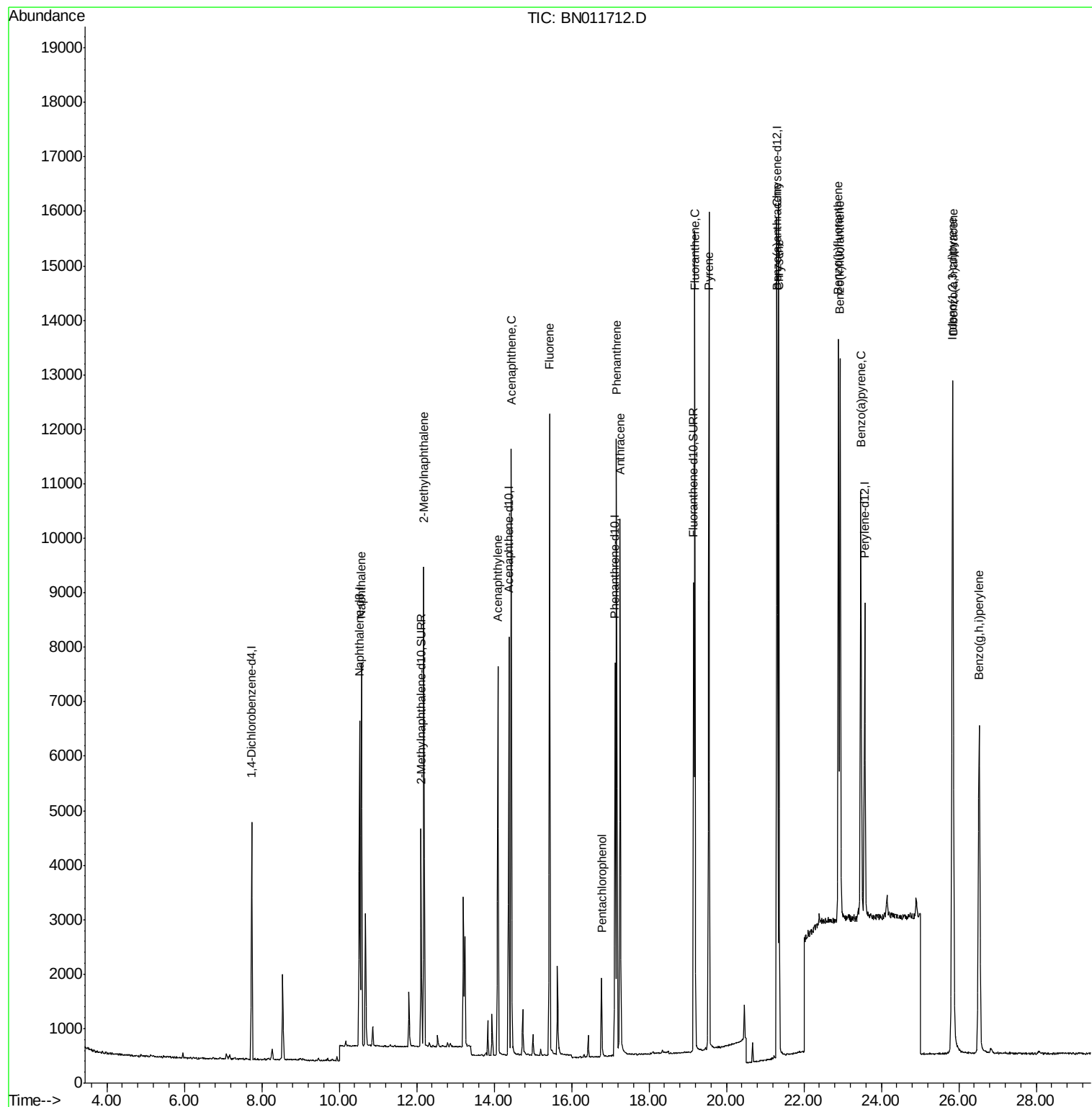
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2092	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7786	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4085	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	8694	0.40	ng/ul	0.00
16) Chrysene-d12	21.32	240	7591	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	7189	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	4967	0.45	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	9545	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	9157	0.403	ng/ul	98
5) 2-Methylnaphthalene	12.19	142	6023	0.420	ng/ul	99
7) Acenaphthylene	14.10	152	7895	0.384	ng/ul	98
8) Acenaphthene	14.44	153	6292	0.393	ng/ul	99
9) Fluorene	15.43	166	7195	0.381	ng/ul	99
11) Pentachlorophenol	16.78	266	1026	0.497	ng/ul	98
12) Phenanthrene	17.16	178	11539	0.392	ng/ul	97
13) Anthracene	17.26	178	10460	0.432	ng/ul	97
15) Fluoranthene	19.19	202	13129	0.388	ng/ul	98
17) Pyrene	19.55	202	13312	0.449	ng/ul#	96
18) Benzo(a)anthracene	21.30	228	12001	0.471	ng/ul	97
19) Chrysene	21.36	228	13105	0.382	ng/ul	99
21) Benzo(b)fluoranthene	22.89	252	13169	0.421	ng/ul	96
22) Benzo(k)fluoranthene	22.94	252	13658	0.395	ng/ul	96
23) Benzo(a)pyrene	23.47	252	11369	0.433	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.84	276	15158	0.427	ng/ul	97
25) Dibenzo(a,h)anthracene	25.85	278	12242	0.423	ng/ul	97
26) Benzo(g,h,i)perylene	26.53	276	12788	0.385	ng/ul	99

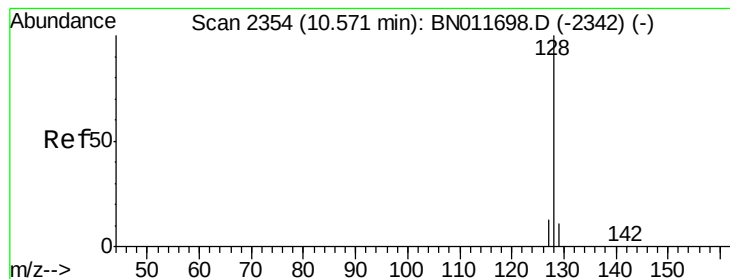
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.403 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 21:09

Instrument :

BNA_N

ClientSampleId :

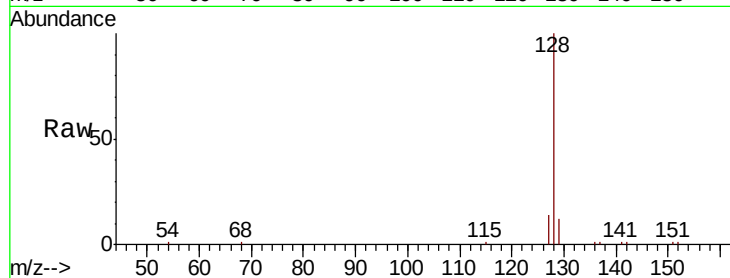
Tot Ion:128 Resp: 9157

Ion Ratio Lower Upper

128 100

129 11.8 10.4 15.6

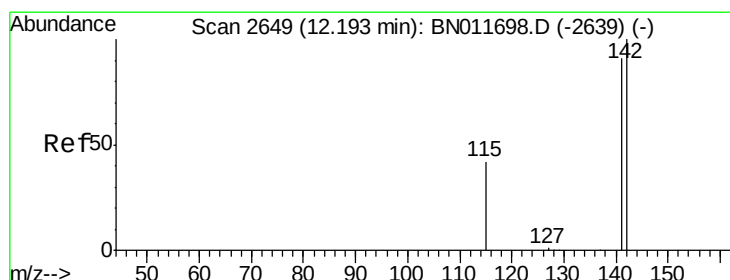
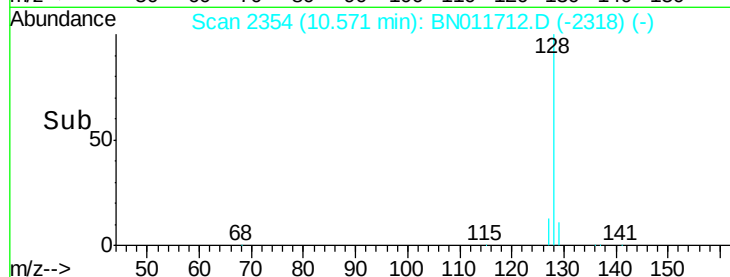
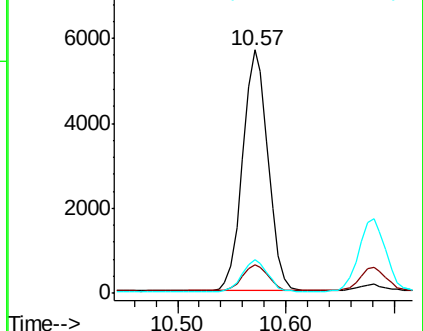
127 13.8 11.4 17.0



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: 0.420 ng/ul

RT: 12.19 min Scan# 2649

Delta R.T. 0.00 min

Lab File: BN011712.D

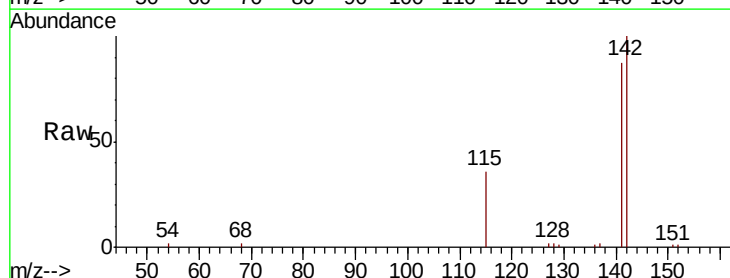
Acq: 04 Sep 2020 21:09

Tgt Ion:142 Resp: 6023

Ion Ratio Lower Upper

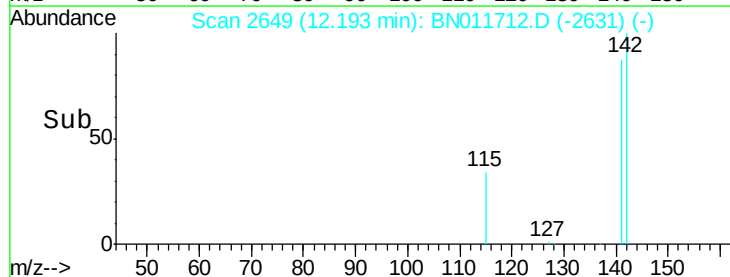
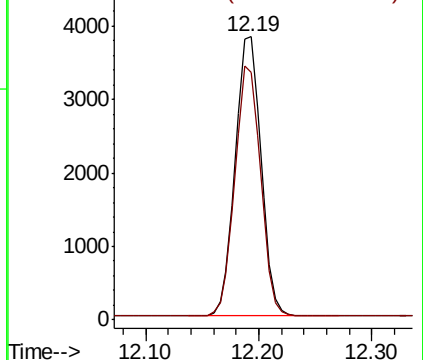
142 100

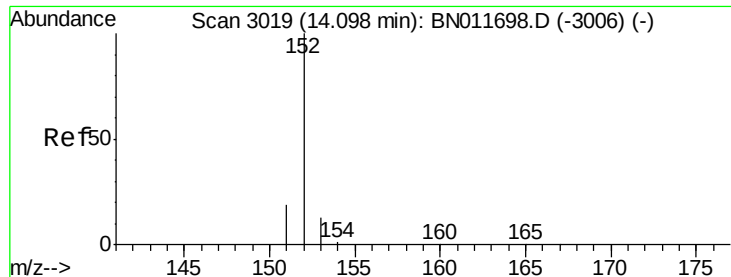
141 88.8 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.384 ng/ul

RT: 14.10 min Scan# 3019

Delta R.T. 0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 21:09

Instrument :

BNA_N

ClientSampleId :

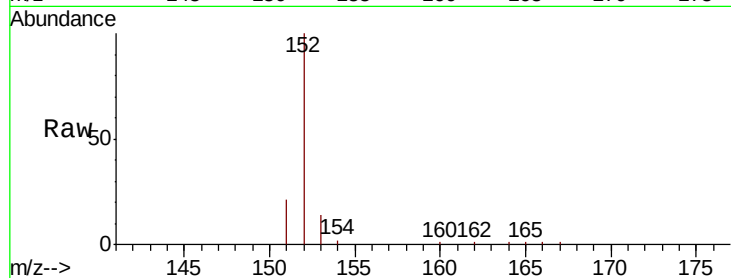
Tot Ion:152 Resp: 7895

Ion Ratio Lower Upper

152 100

151 20.7 16.7 25.1

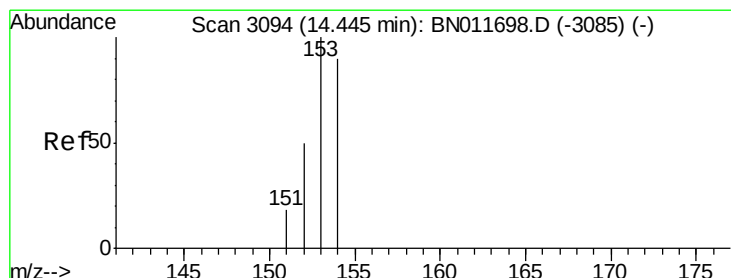
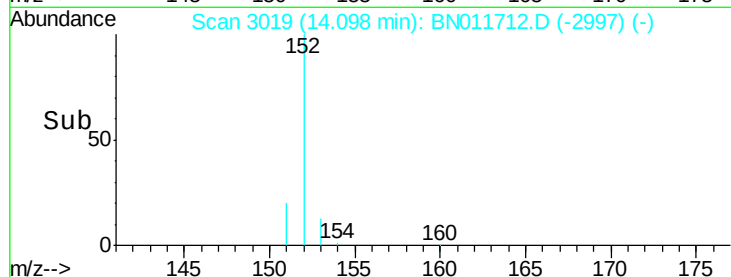
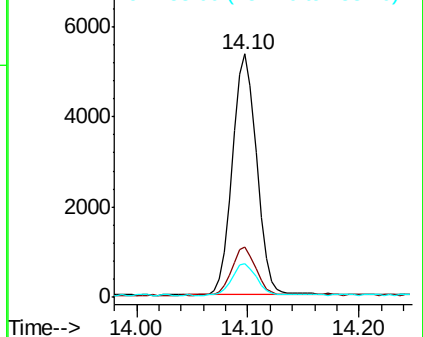
153 13.9 12.3 18.5



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: 0.393 ng/ul

RT: 14.44 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 21:09

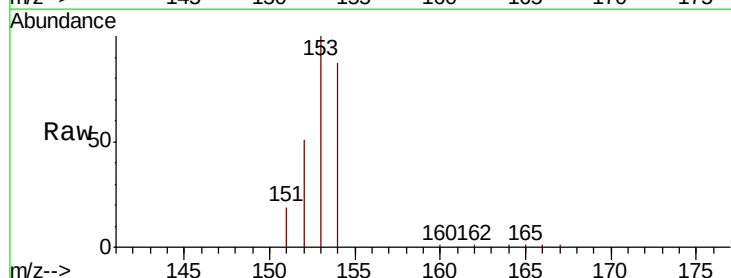
Tgt Ion:153 Resp: 6292

Ion Ratio Lower Upper

153 100

152 50.7 41.0 61.6

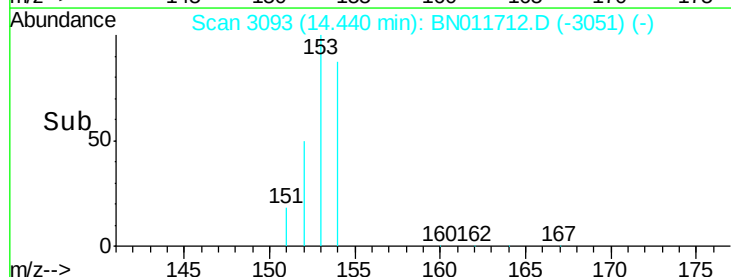
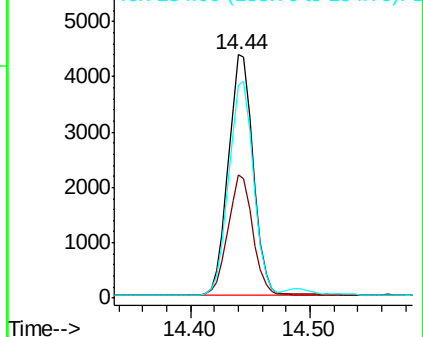
154 87.3 70.2 105.2

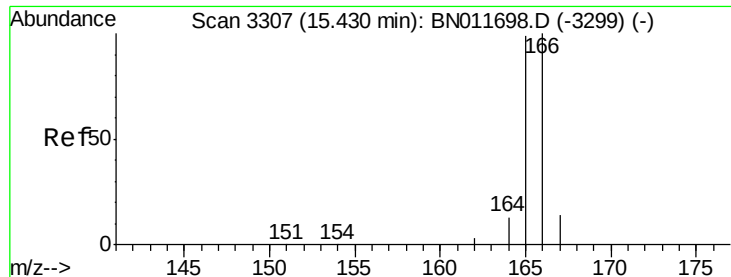


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.381 ng/ul

RT: 15.43 min Scan# 3307

Delta R.T. 0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 21:09

Instrument :

BNA_N

ClientSampleId :

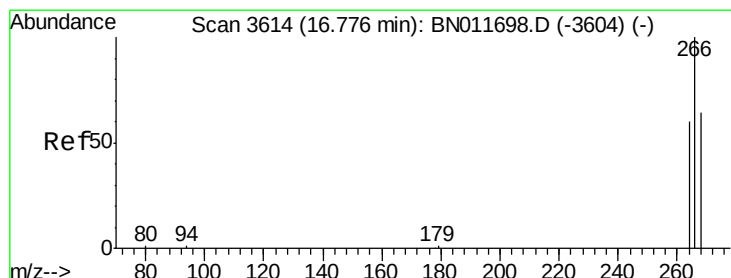
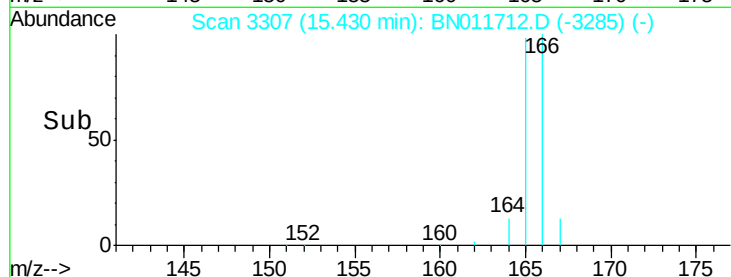
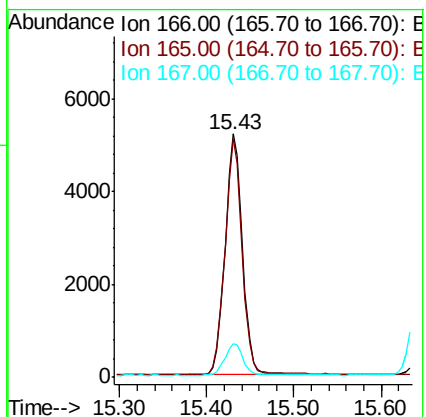
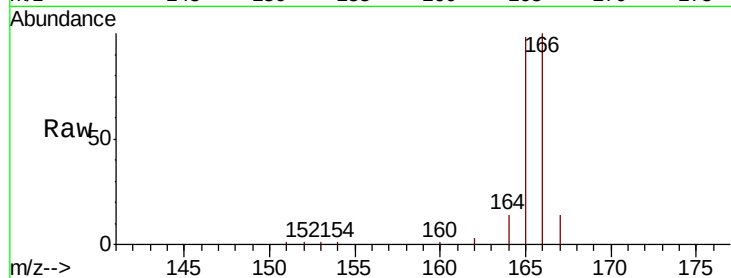
Tot Ion:166 Resp: 7195

Ion Ratio Lower Upper

166 100

165 98.1 77.7 116.5

167 13.8 12.5 18.7



#11

Pentachlorophenol

Concen: 0.497 ng/ul

RT: 16.78 min Scan# 3614

Delta R.T. 0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 21:09

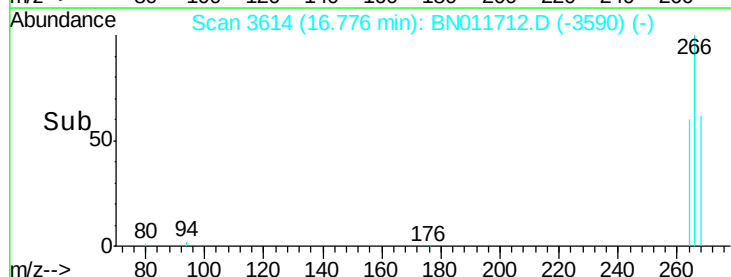
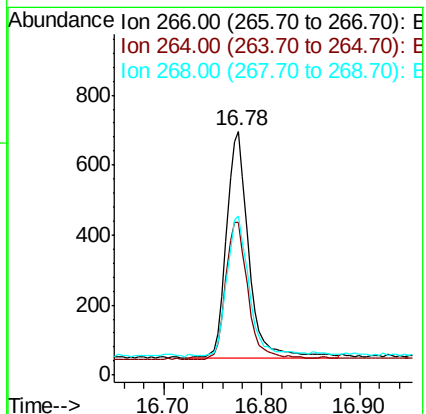
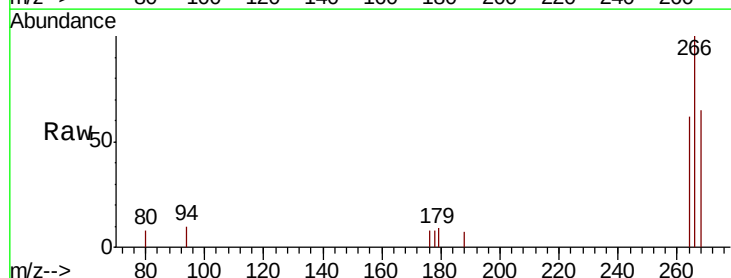
Tgt Ion:266 Resp: 1026

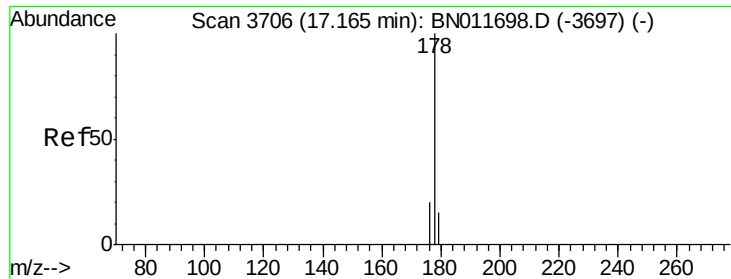
Ion Ratio Lower Upper

266 100

264 60.6 51.4 77.2

268 63.4 50.6 75.8





#12

Phenanthrene

Concen: 0.392 ng/ul

RT: 17.16 min Scan# 3706

Delta R.T. 0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 21:09

Instrument :

BNA_N

ClientSampleId :

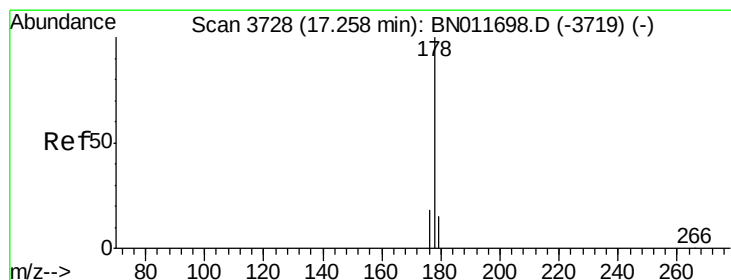
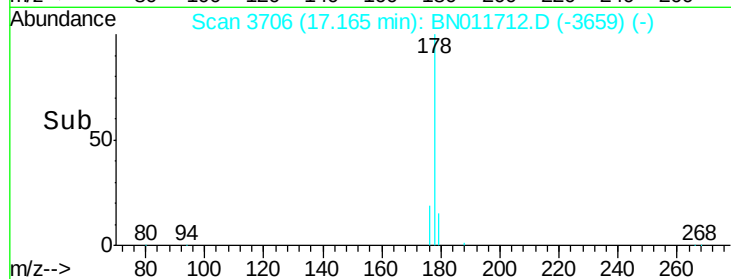
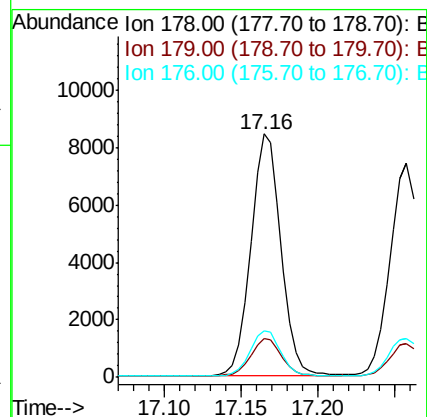
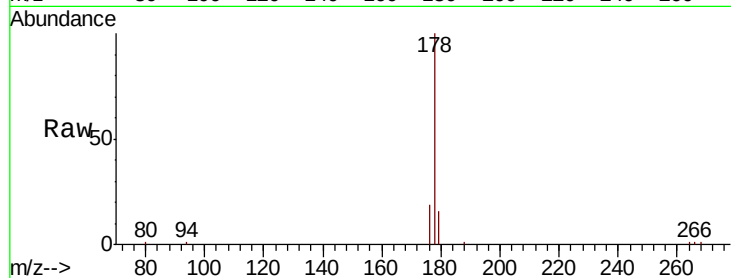
Tot Ion:178 Resp: 11539

Ion Ratio Lower Upper

178 100

179 15.7 13.8 20.8

176 19.3 16.3 24.5



#13

Anthracene

Concen: 0.432 ng/ul

RT: 17.26 min Scan# 3728

Delta R.T. 0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 21:09

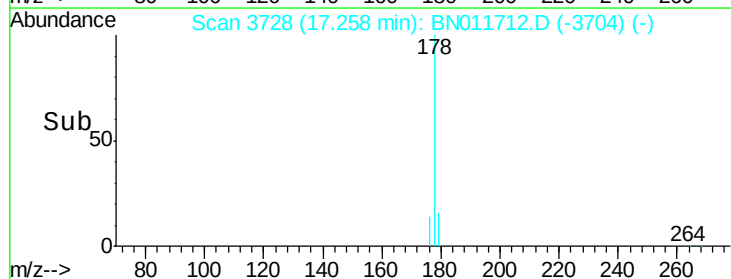
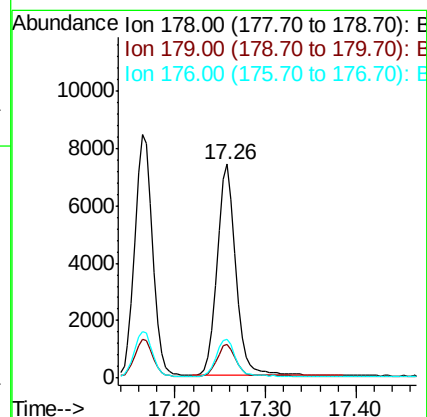
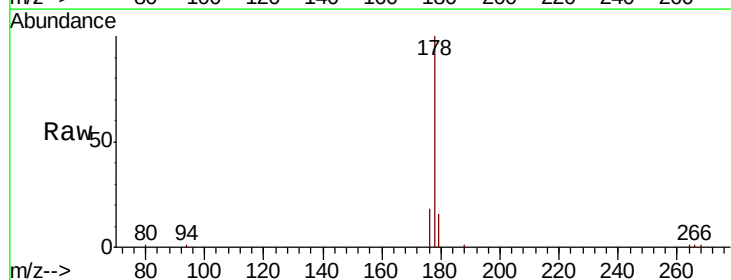
Tgt Ion:178 Resp: 10460

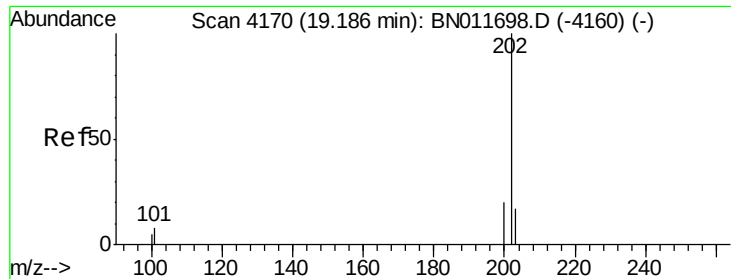
Ion Ratio Lower Upper

178 100

179 16.0 14.2 21.2

176 18.4 15.8 23.8

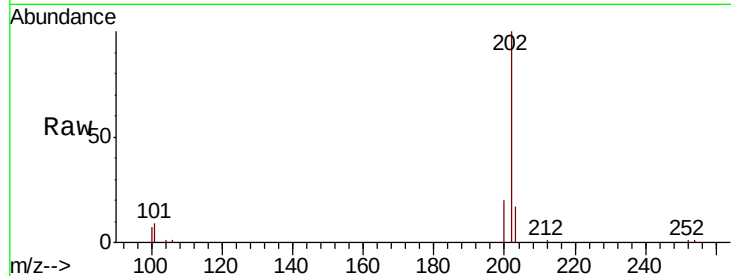




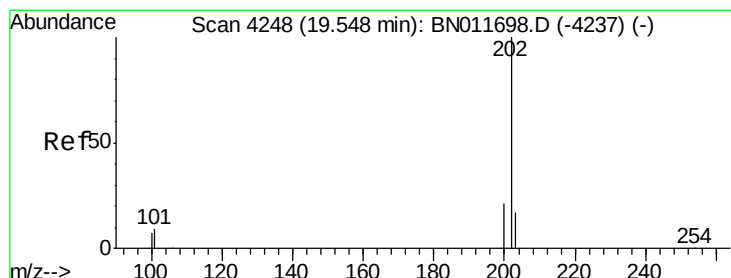
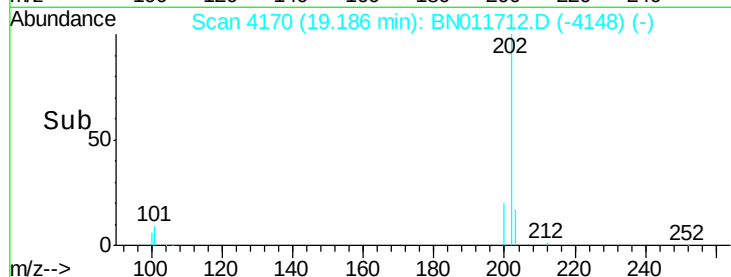
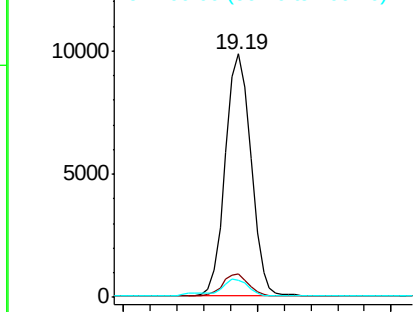
#15
Fluoranthene
Concen: 0.388 ng/ul
RT: 19.19 min Scan# 4170
Delta R.T. 0.00 min
Lab File: BN011712.D
Acq: 04 Sep 2020 21:09

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 13129
Ion Ratio Lower Upper
202 100
101 9.5 0.0 28.3
100 6.9 0.0 27.1

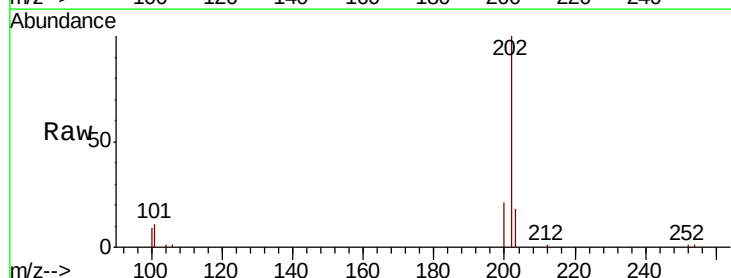


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

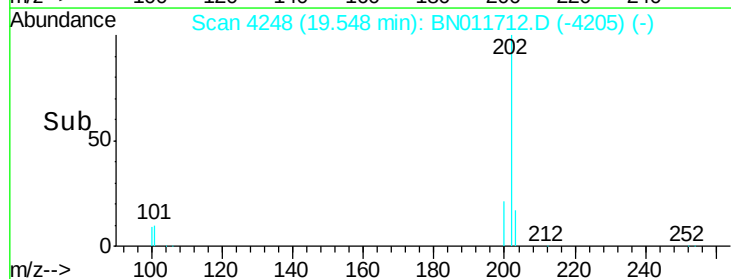
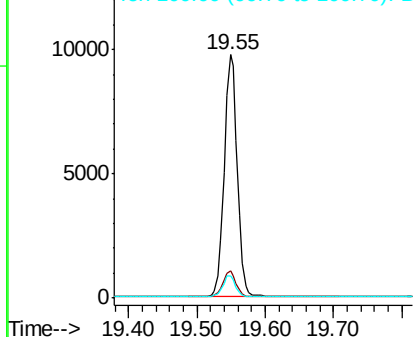


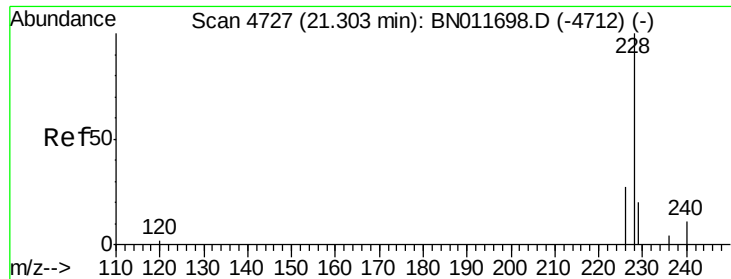
#17
Pyrene
Concen: 0.449 ng/ul
RT: 19.55 min Scan# 4248
Delta R.T. 0.00 min
Lab File: BN011712.D
Acq: 04 Sep 2020 21:09

Tgt Ion:202 Resp: 13312
Ion Ratio Lower Upper
202 100
101 11.0 7.3 10.9#
100 9.1 6.7 10.1



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: 0.471 ng/ul

RT: 21.30 min Scan# 4727

Delta R.T. 0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 21:09

Instrument :

BNA_N

ClientSampleId :

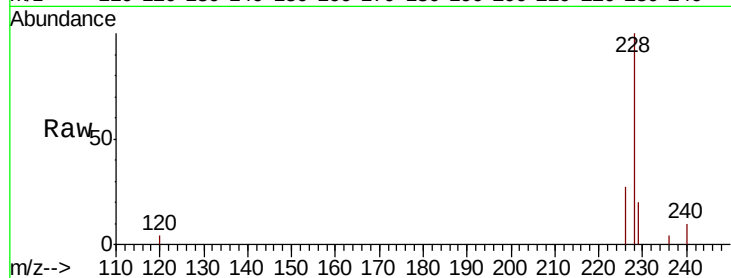
Tot Ion:228 Resp: 12001

Ion Ratio Lower Upper

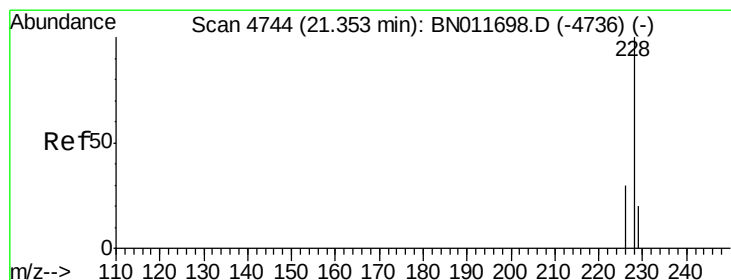
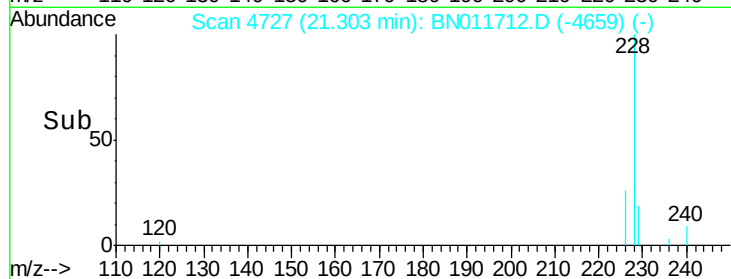
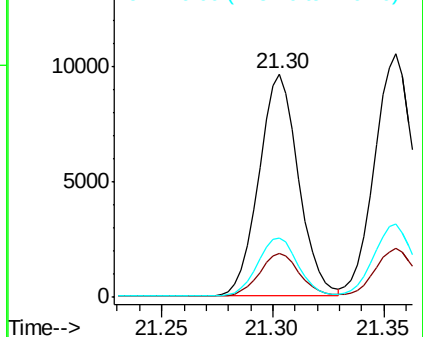
228 100

229 19.7 16.7 25.1

226 26.7 22.9 34.3



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: 0.382 ng/ul

RT: 21.36 min Scan# 4745

Delta R.T. 0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 21:09

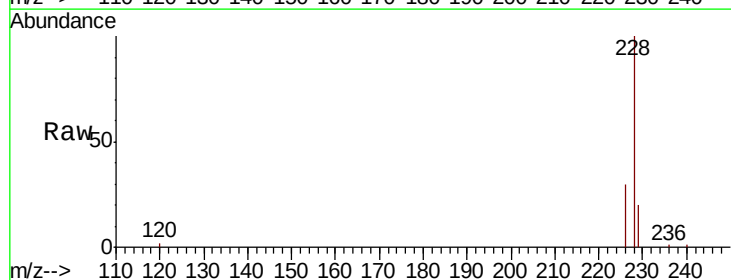
Tgt Ion:228 Resp: 13105

Ion Ratio Lower Upper

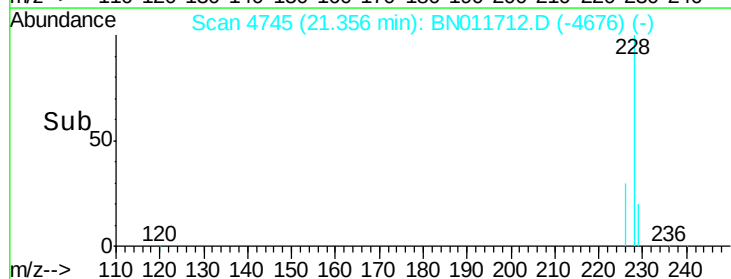
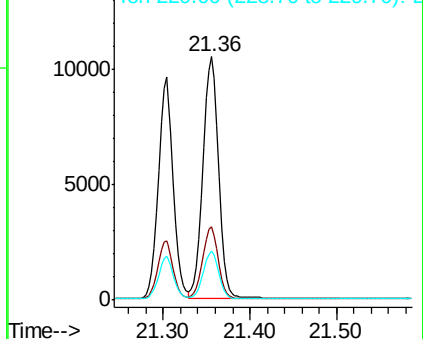
228 100

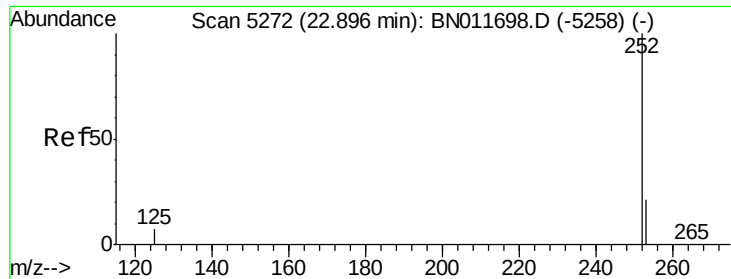
226 29.9 24.1 36.1

229 19.9 16.4 24.6



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

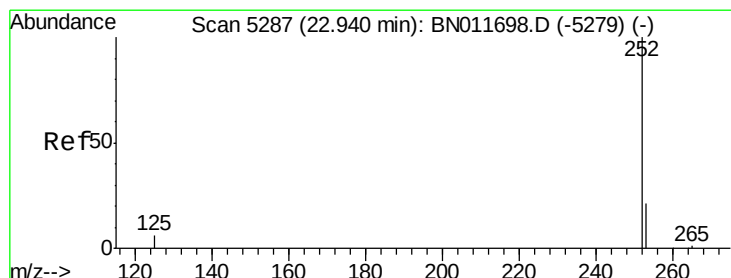
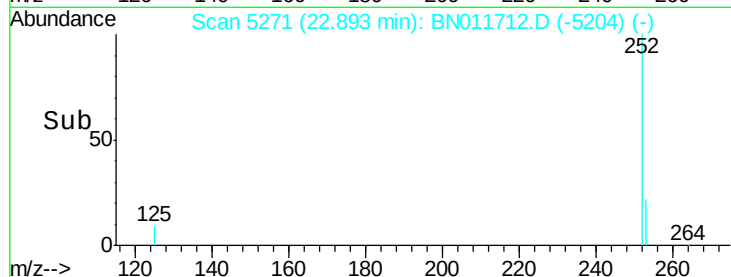
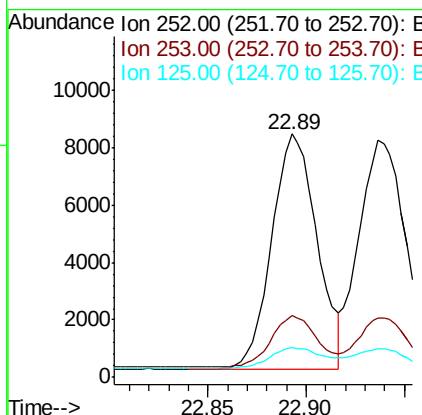
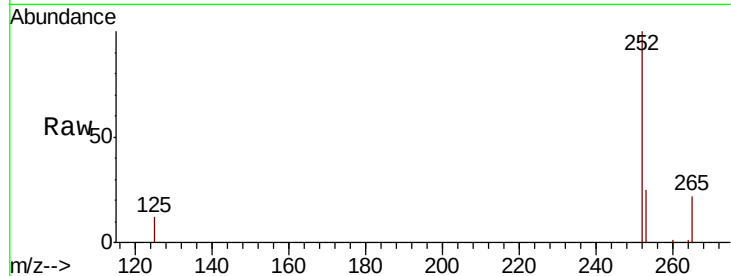




#21
Benzo(b)fluoranthene
Concen: 0.421 ng/ul
RT: 22.89 min Scan# 5271
Delta R.T. -0.00 min
Lab File: BN011712.D
Acq: 04 Sep 2020 21:09

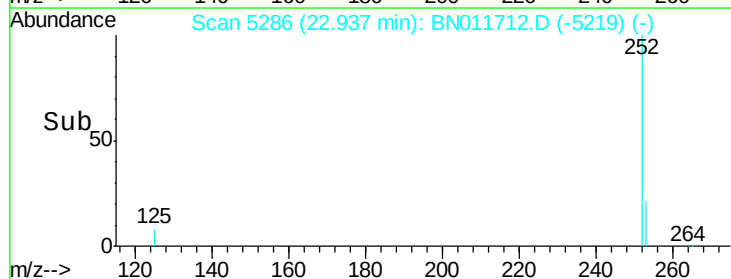
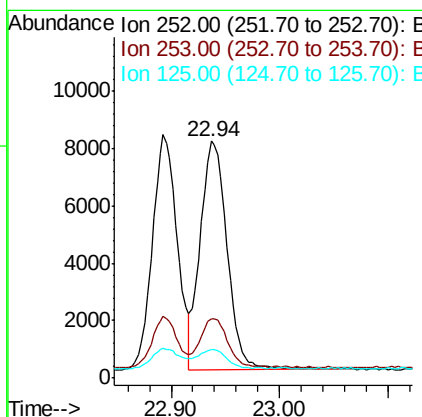
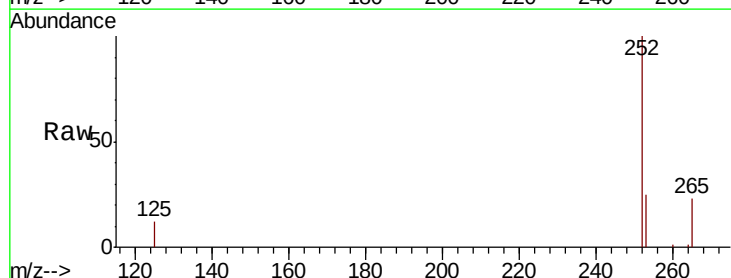
Instrument :
BNA_N
ClientSampleId :

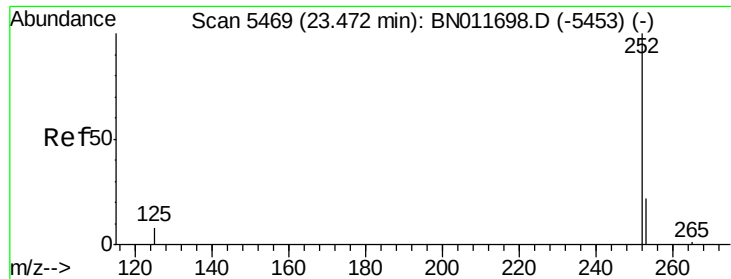
Tot Ion:252 Resp: 13169
Ion Ratio Lower Upper
252 100
253 25.3 0.0 54.8
125 12.3 0.0 22.2



#22
Benzo(k)fluoranthene
Concen: 0.395 ng/ul
RT: 22.94 min Scan# 5286
Delta R.T. -0.00 min
Lab File: BN011712.D
Acq: 04 Sep 2020 21:09

Tgt Ion:252 Resp: 13658
Ion Ratio Lower Upper
252 100
253 24.8 21.8 32.6
125 12.2 9.1 13.7





#23

Benzo(a)pyrene

Concen: 0.433 ng/ul

RT: 23.47 min Scan# 5470

Delta R.T. 0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 21:09

Instrument :

BNA_N

ClientSampleId :

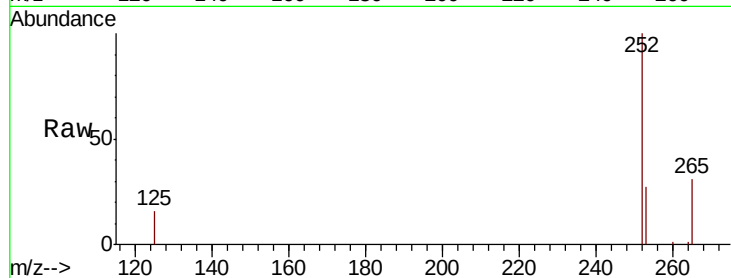
Tot Ion:252 Resp: 11369

Ion Ratio Lower Upper

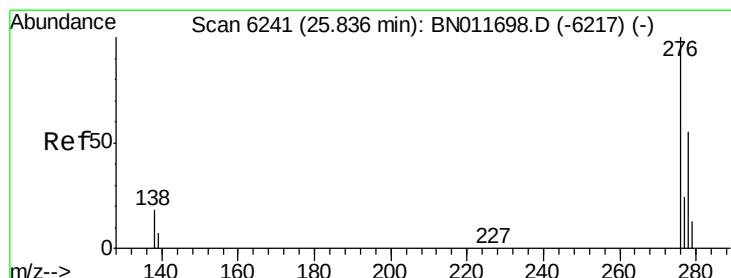
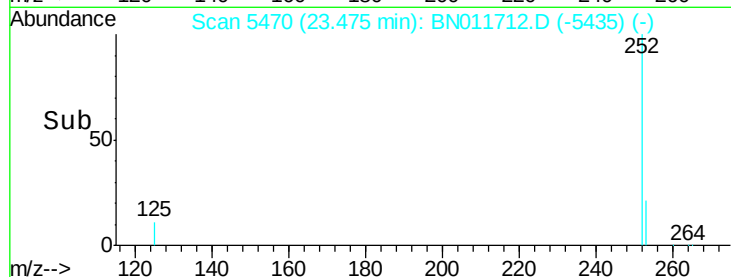
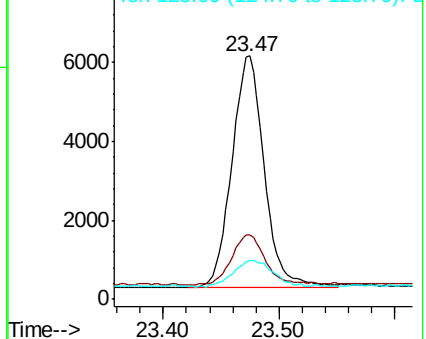
252 100

253 26.6 24.4 36.6

125 16.1 11.1 16.7



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: 0.427 ng/ul

RT: 25.84 min Scan# 6241

Delta R.T. 0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 21:09

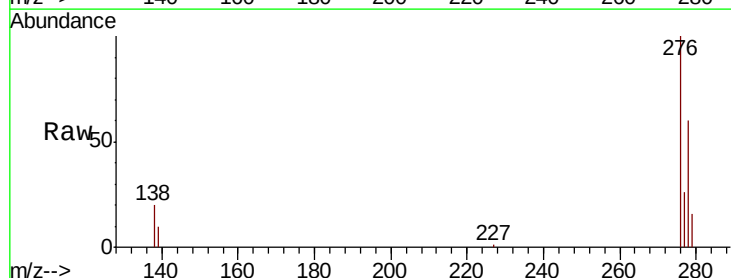
Tgt Ion:276 Resp: 15158

Ion Ratio Lower Upper

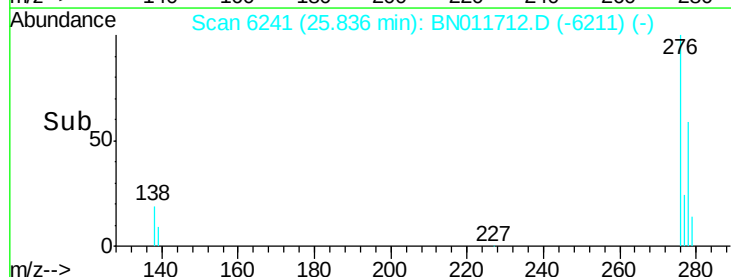
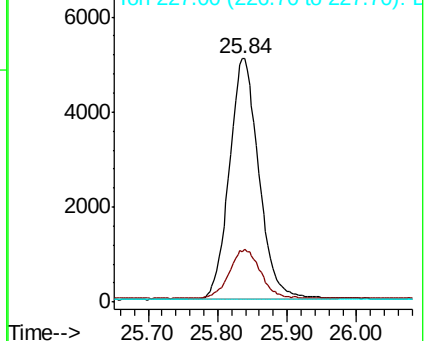
276 100

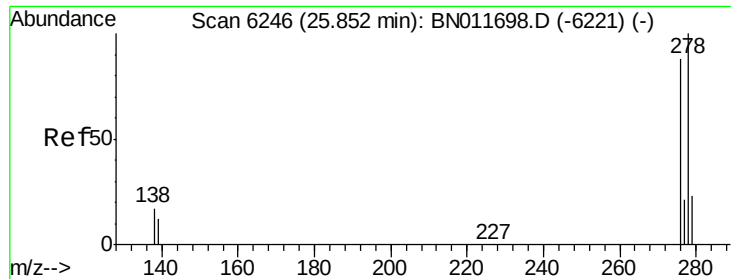
138 21.2 15.8 23.6

227 0.2 0.2 0.2



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



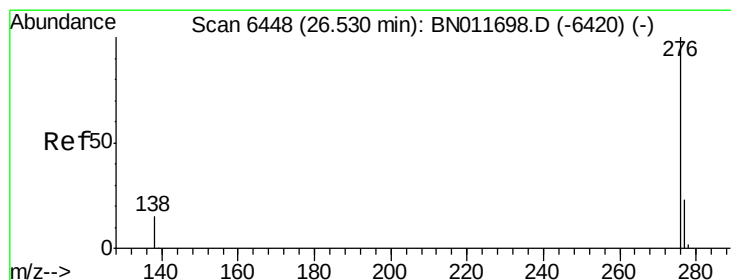
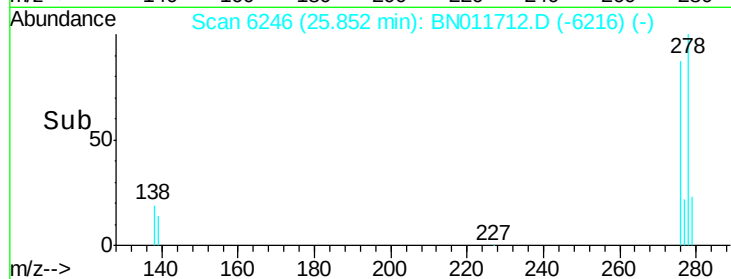
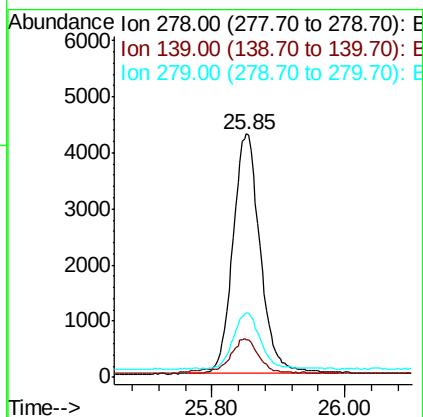
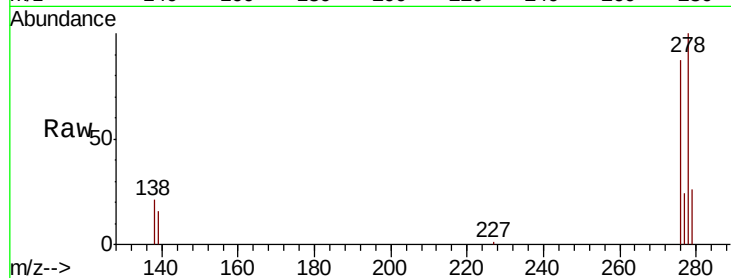


#25
Dibenzo(a,h)anthracene
Concen: 0.423 ng/ul
RT: 25.85 min Scan# 6246
Delta R.T. 0.00 min
Lab File: BN011712.D
Acq: 04 Sep 2020 21:09

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 12242

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.1	18.1
279	26.4	22.9	34.3



#26
Benzo(g,h,i)perylene
Concen: 0.385 ng/ul
RT: 26.53 min Scan# 6447
Delta R.T. -0.00 min
Lab File: BN011712.D
Acq: 04 Sep 2020 21:09

Tgt Ion:276 Resp: 12788

Ion	Ratio	Lower	Upper
276	100		
138	19.8	15.8	23.6
277	25.0	20.6	31.0

