

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090420\
 Data File : BN011712.D
 Acq On : 04 Sep 2020 22:22
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 05 05:45:06 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 01:53:42 2020
 Response via : Initial Calibration

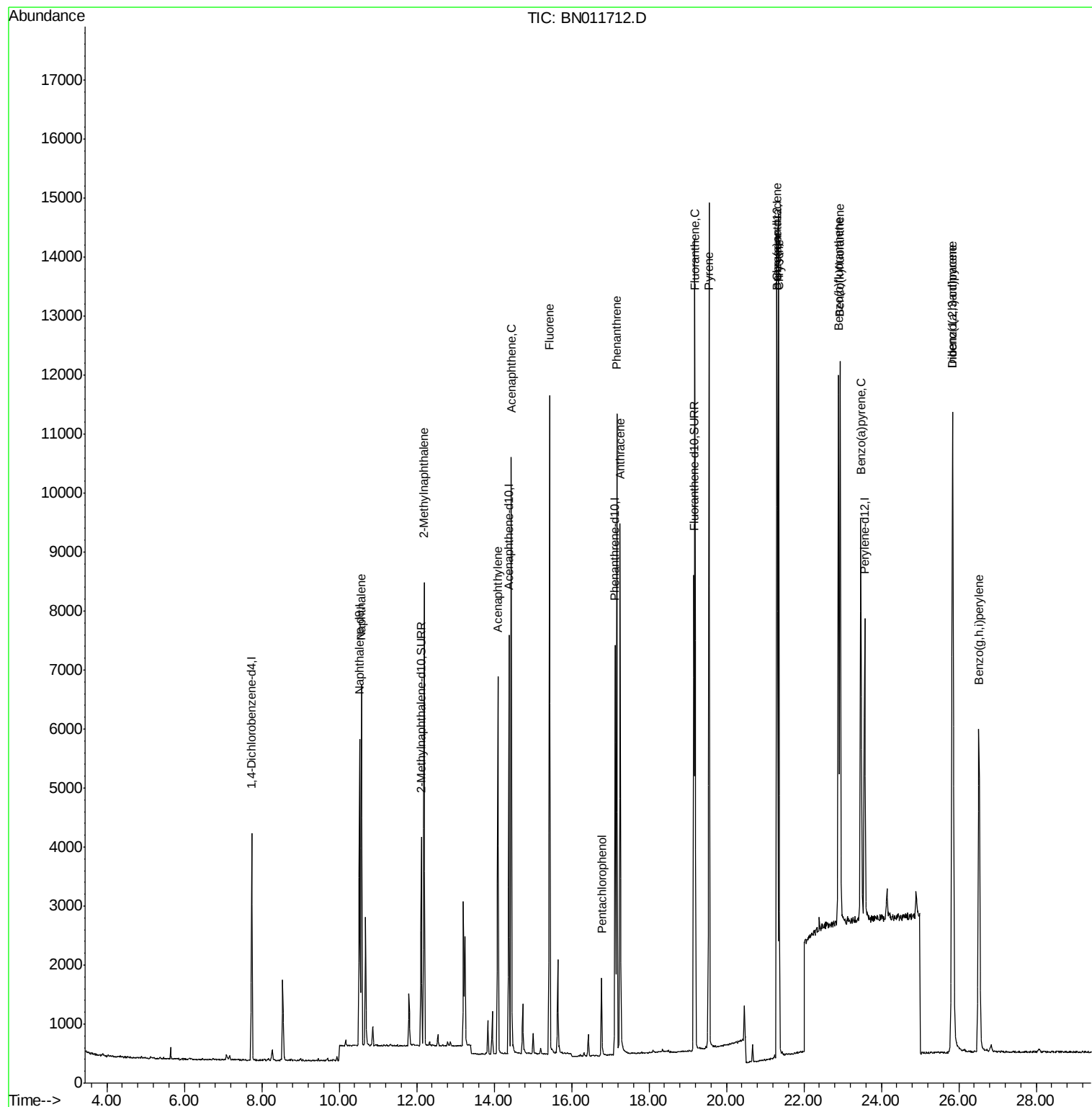
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1821	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	6764	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	3746	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	8171	0.40	ng/ul	0.00
16) Chrysene-d12	21.32	240	6772	0.40	ng/ul	0.00
20) Perylene-d12	23.57	264	6322	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	4404	0.46	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	8826	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	7931	0.402	ng/ul	98
5) 2-Methylnaphthalene	12.19	142	5370	0.431	ng/ul	98
7) Acenaphthylene	14.10	152	7193	0.381	ng/ul	97
8) Acenaphthene	14.44	153	5809	0.396	ng/ul	99
9) Fluorene	15.43	166	6664	0.385	ng/ul	99
11) Pentachlorophenol	16.77	266	912	0.470	ng/ul	99
12) Phenanthrene	17.16	178	10979	0.397	ng/ul	97
13) Anthracene	17.26	178	9811	0.431	ng/ul	97
15) Fluoranthene	19.19	202	12213	0.384	ng/ul	99
17) Pyrene	19.55	202	12271	0.464	ng/ul	98
18) Benzo(a)anthracene	21.30	228	10608	0.467	ng/ul	98
19) Chrysene	21.35	228	11878	0.388	ng/ul	100
21) Benzo(b)fluoranthene	22.89	252	11724	0.427	ng/ul	96
22) Benzo(k)fluoranthene	22.94	252	12439	0.409	ng/ul	97
23) Benzo(a)pyrene	23.47	252	10339	0.448	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.83	276	14059	0.450	ng/ul	96
25) Dibenzo(a,h)anthracene	25.85	278	11479	0.451	ng/ul	97
26) Benzo(g,h,i)perylene	26.52	276	11814	0.404	ng/ul	98

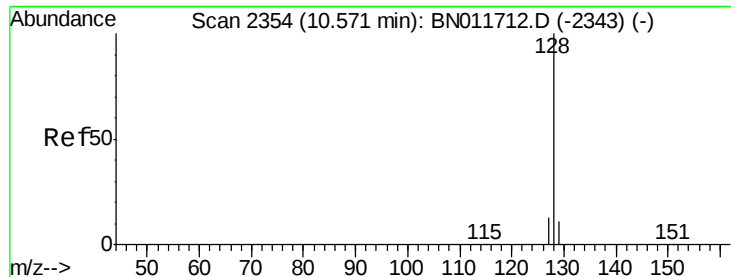
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.402 ng/ul

RT: 10.57 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 22:22

Instrument :

BNA_N

ClientSampleId :

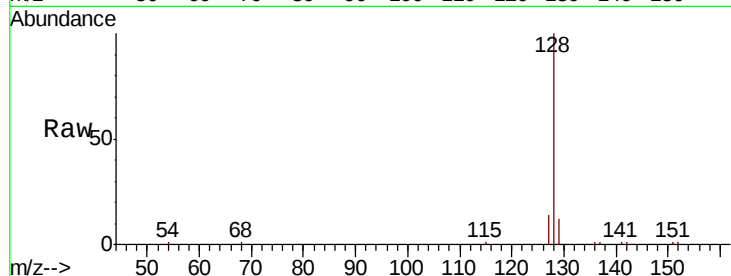
Tot Ion:128 Resp: 7931

Ion Ratio Lower Upper

128 100

129 12.3 10.4 15.6

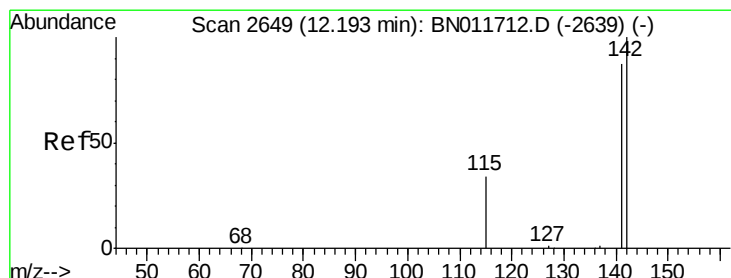
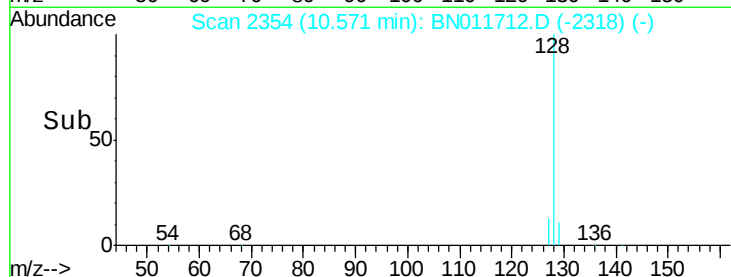
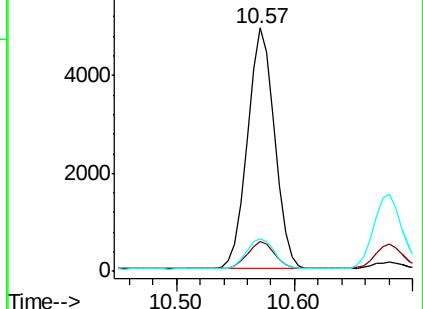
127 13.6 11.4 17.0



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: 0.431 ng/ul

RT: 12.19 min Scan# 2648

Delta R.T. -0.01 min

Lab File: BN011712.D

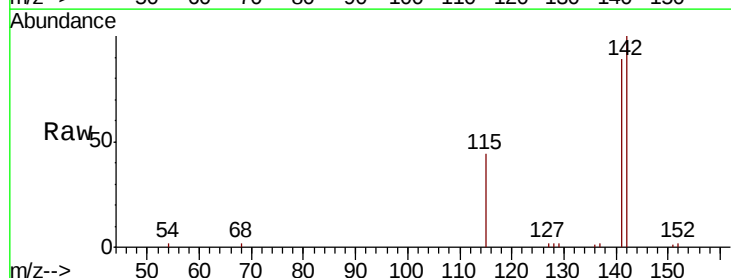
Acq: 04 Sep 2020 22:22

Tgt Ion:142 Resp: 5370

Ion Ratio Lower Upper

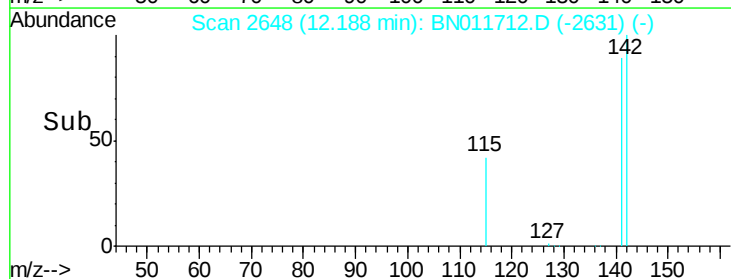
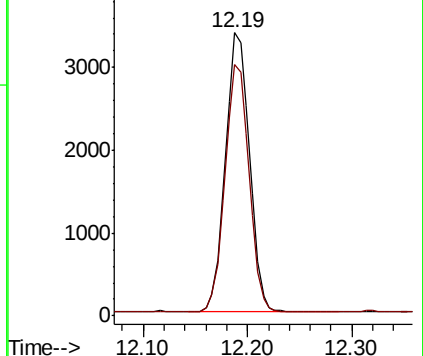
142 100

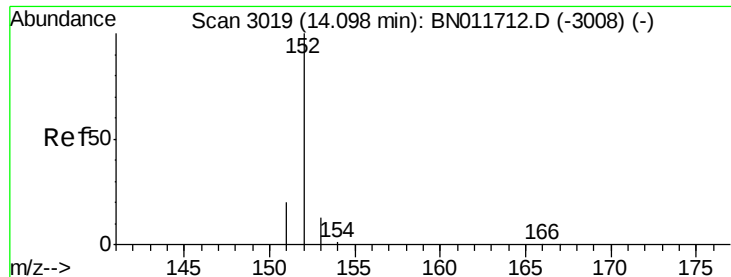
141 88.5 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.381 ng/ul

RT: 14.10 min Scan# 3019

Delta R.T. 0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 22:22

Instrument :

BNA_N

ClientSampleId :

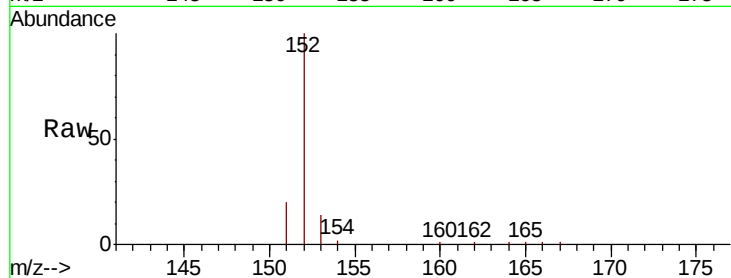
Tot Ion:152 Resp: 7193

Ion Ratio Lower Upper

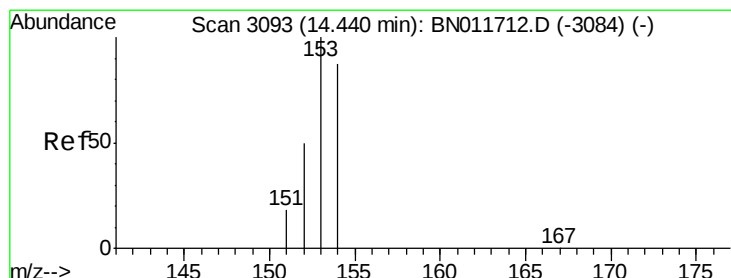
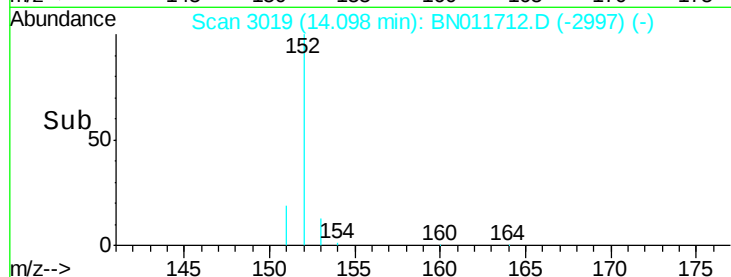
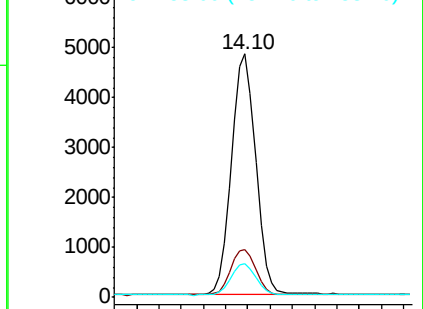
152 100

151 19.8 16.7 25.1

153 13.6 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: 0.396 ng/ul

RT: 14.44 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 22:22

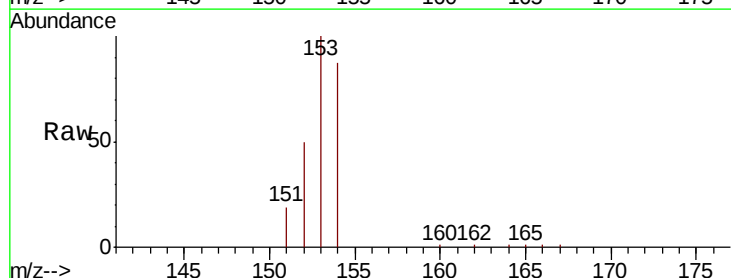
Tgt Ion:153 Resp: 5809

Ion Ratio Lower Upper

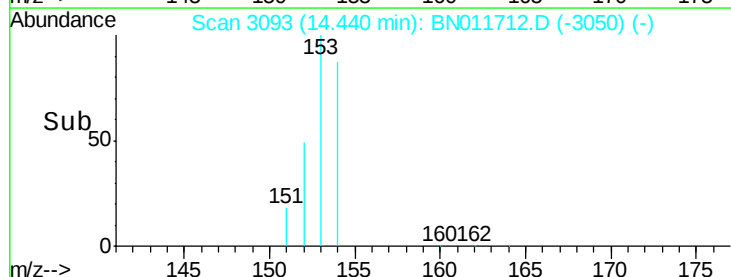
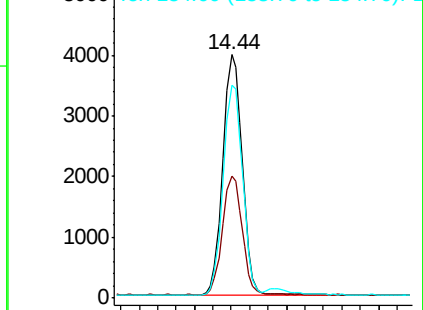
153 100

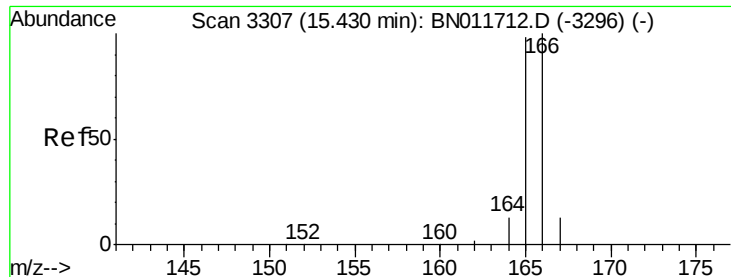
152 50.3 41.0 61.6

154 87.5 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: 0.385 ng/ul

RT: 15.43 min Scan# 3307

Delta R.T. 0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 22:22

Instrument :

BNA_N

ClientSampleId :

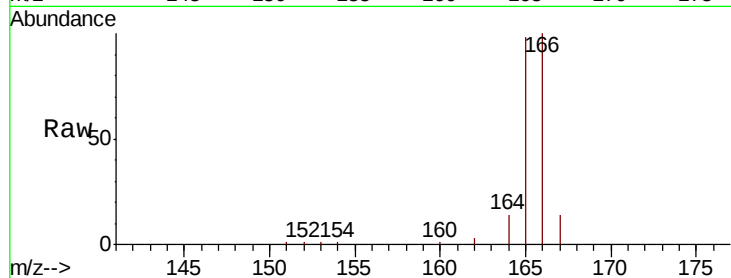
Tot Ion:166 Resp: 6664

Ion Ratio Lower Upper

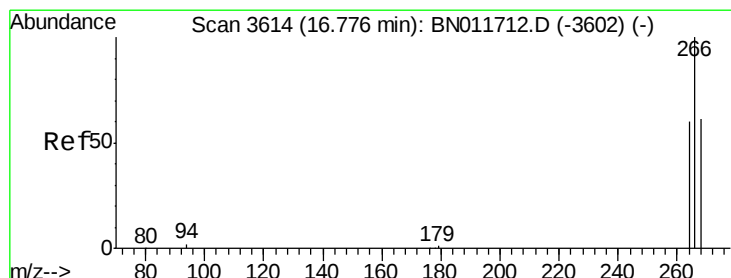
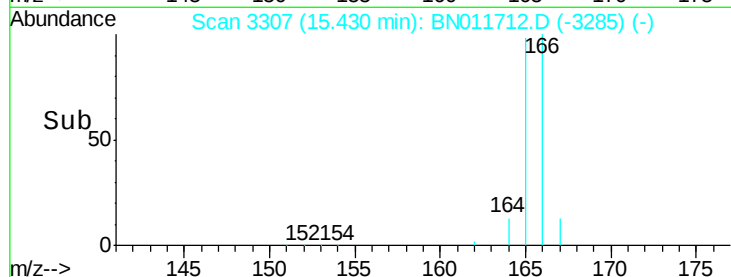
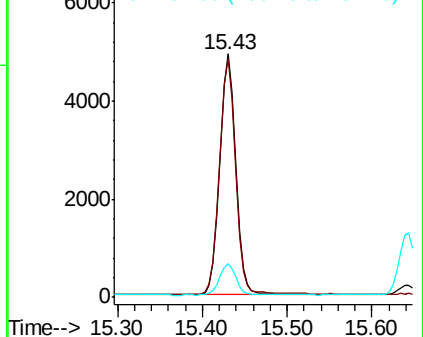
166 100

165 98.0 77.7 116.5

167 14.0 12.5 18.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.470 ng/ul

RT: 16.77 min Scan# 3613

Delta R.T. -0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 22:22

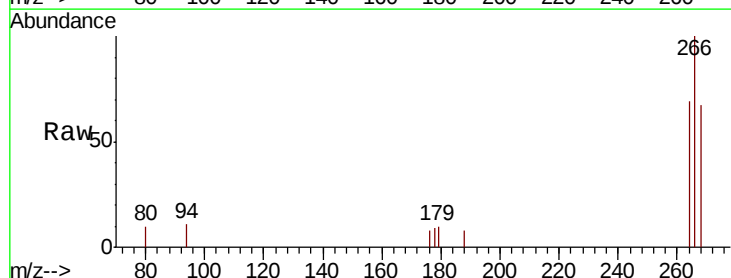
Tgt Ion:266 Resp: 912

Ion Ratio Lower Upper

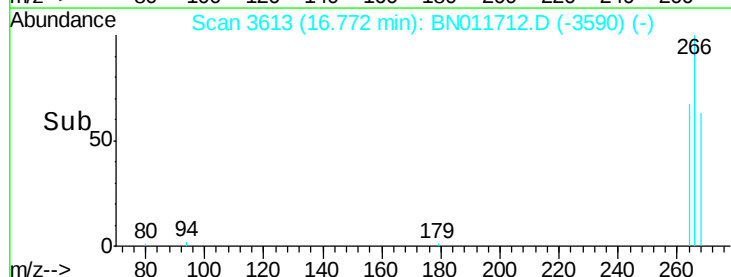
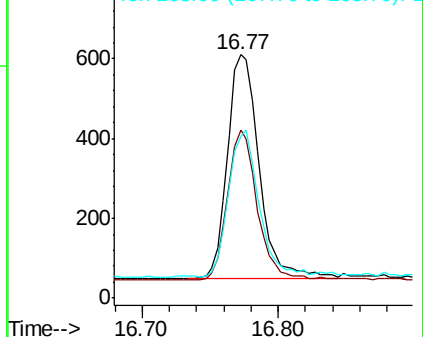
266 100

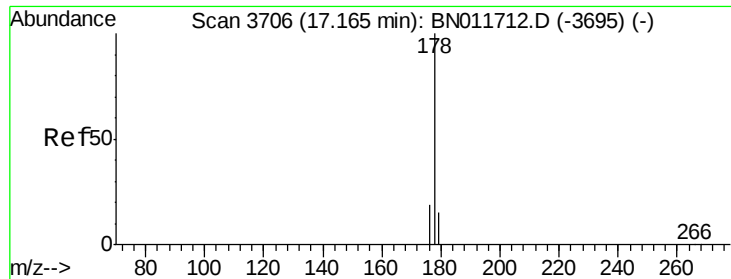
264 62.7 51.4 77.2

268 62.5 50.6 75.8



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.397 ng/ul

RT: 17.16 min Scan# 3706

Delta R.T. 0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 22:22

Instrument :

BNA_N

ClientSampleId :

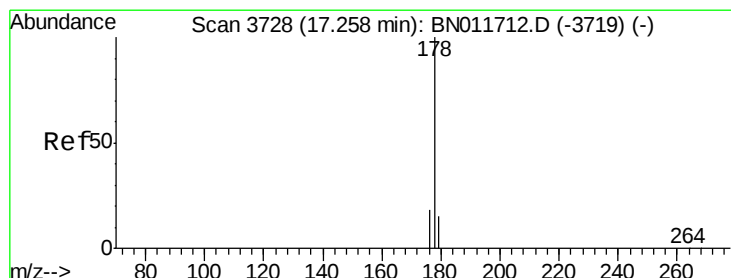
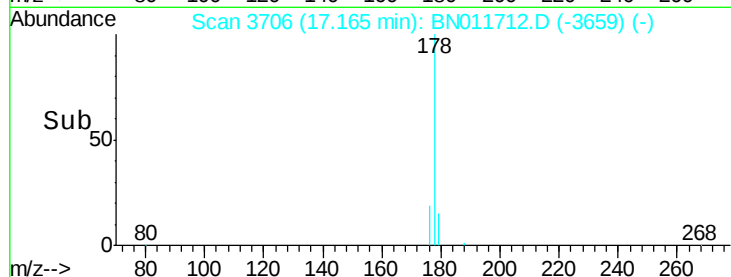
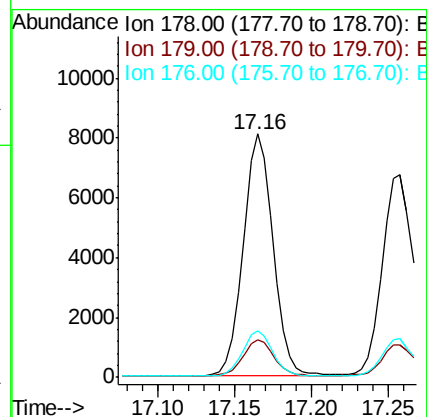
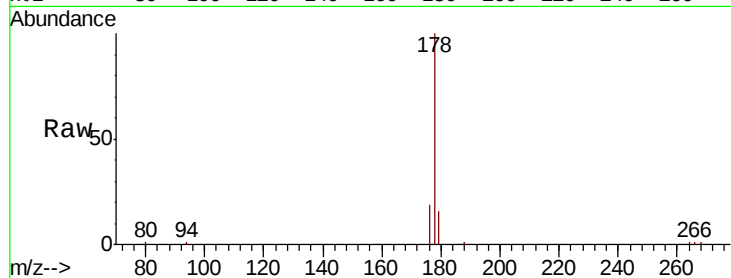
Tot Ion:178 Resp: 10979

Ion Ratio Lower Upper

178 100

179 15.6 13.8 20.8

176 19.3 16.3 24.5



#13

Anthracene

Concen: 0.431 ng/ul

RT: 17.26 min Scan# 3728

Delta R.T. 0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 22:22

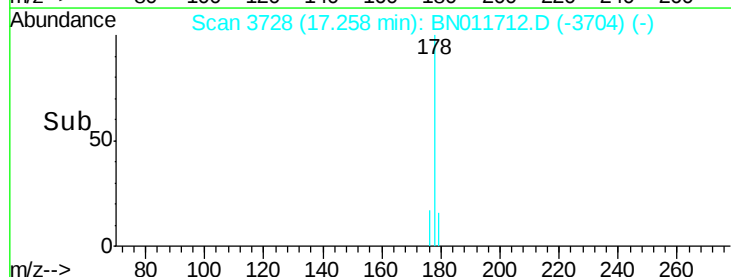
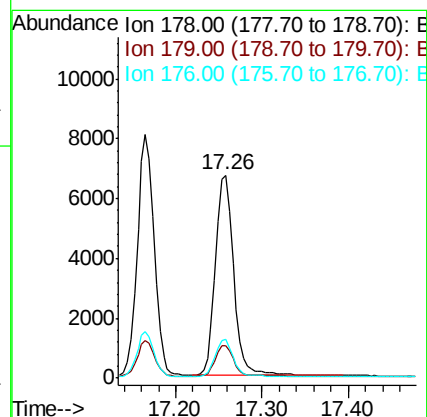
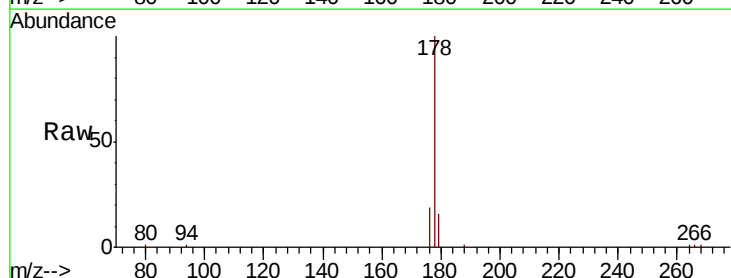
Tgt Ion:178 Resp: 9811

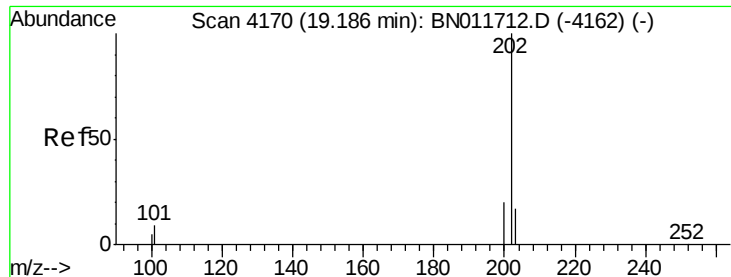
Ion Ratio Lower Upper

178 100

179 15.9 14.2 21.2

176 19.1 15.8 23.8

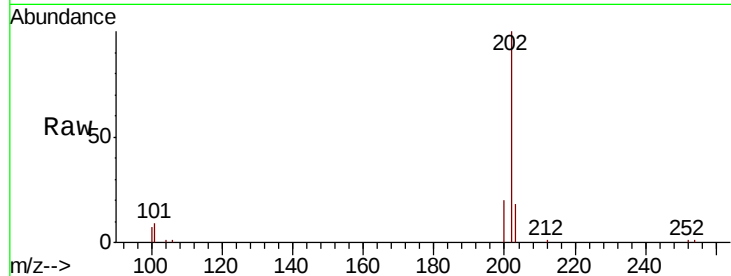




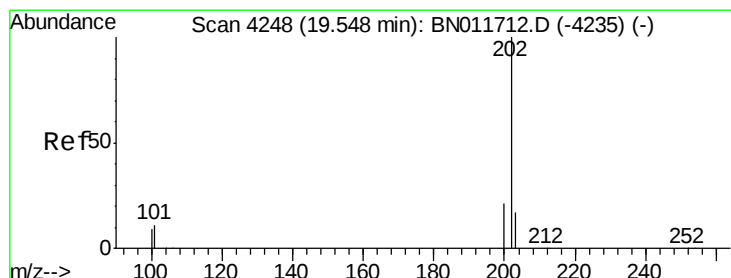
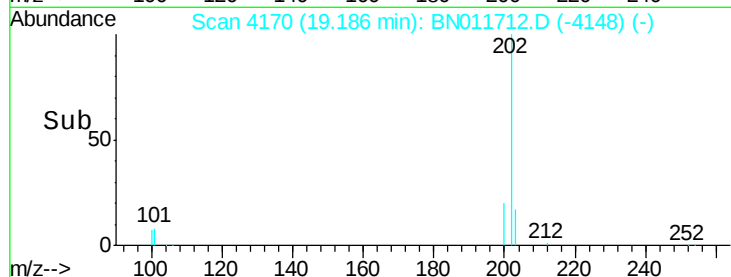
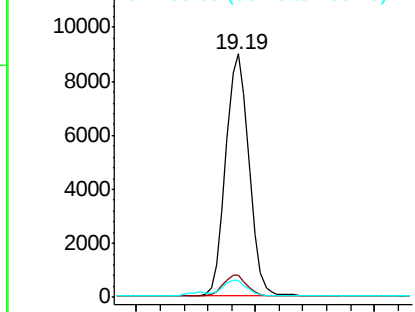
#15
Fluoranthene
Concen: 0.384 ng/ul
RT: 19.19 min Scan# 4170
Delta R.T. 0.00 min
Lab File: BN011712.D
Acq: 04 Sep 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 12213
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.3
100 7.2 0.0 27.1

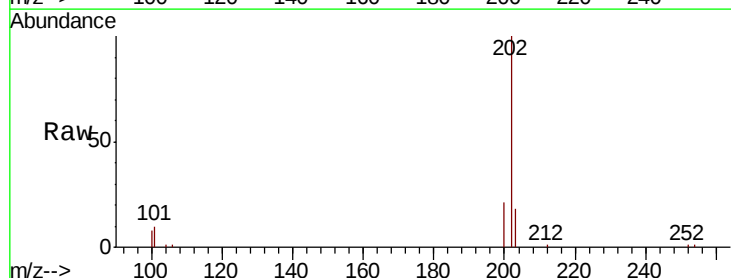


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

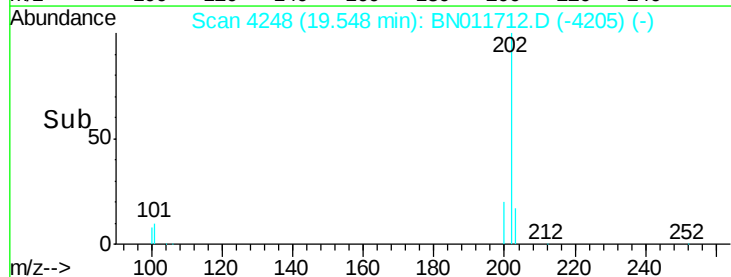
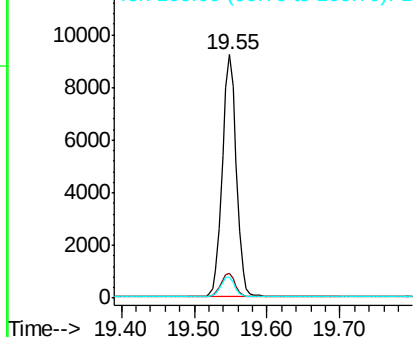


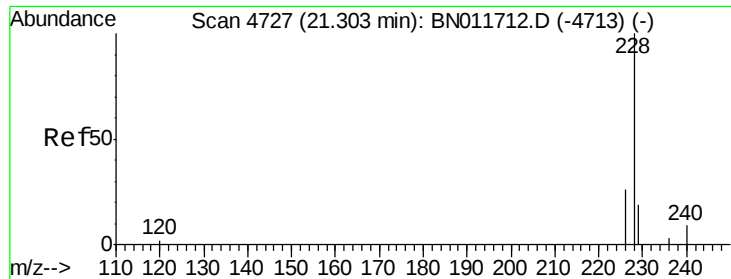
#17
Pyrene
Concen: 0.464 ng/ul
RT: 19.55 min Scan# 4248
Delta R.T. 0.00 min
Lab File: BN011712.D
Acq: 04 Sep 2020 22:22

Tgt Ion:202 Resp: 12271
Ion Ratio Lower Upper
202 100
101 10.3 7.3 10.9
100 8.4 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: 0.467 ng/ul

RT: 21.30 min Scan# 4726

Delta R.T. -0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 22:22

Instrument :

BNA_N

ClientSampleId :

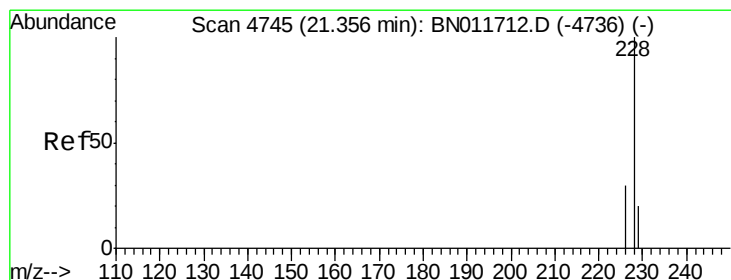
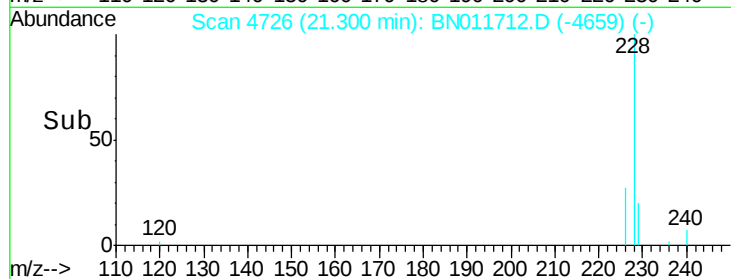
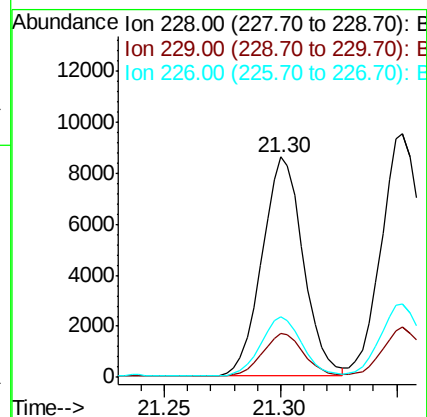
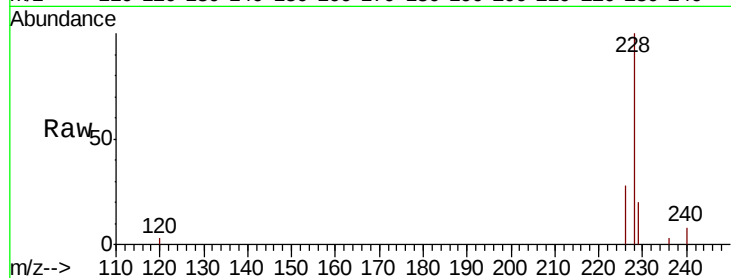
Tot Ion:228 Resp: 10608

Ion Ratio Lower Upper

228 100

229 20.0 16.7 25.1

226 27.8 22.9 34.3



#19

Chrysene

Concen: 0.388 ng/ul

RT: 21.35 min Scan# 4744

Delta R.T. -0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 22:22

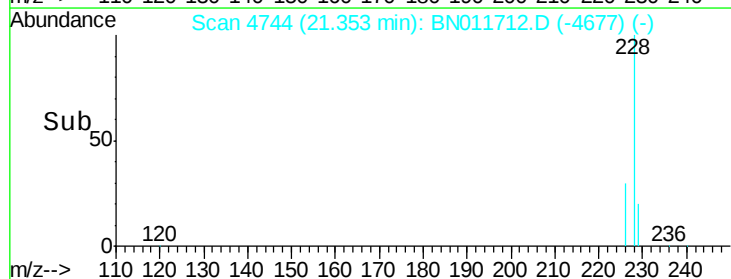
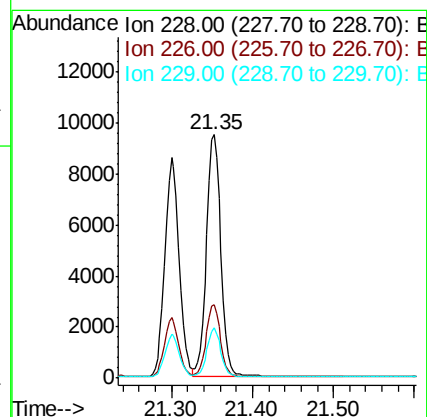
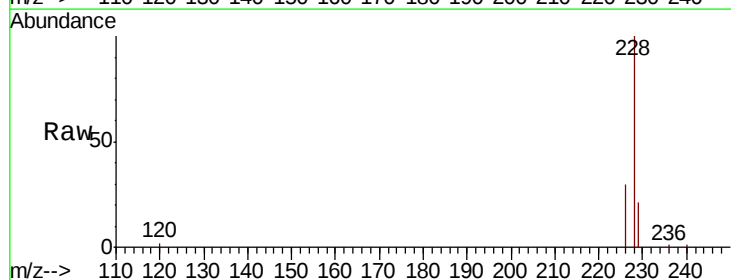
Tgt Ion:228 Resp: 11878

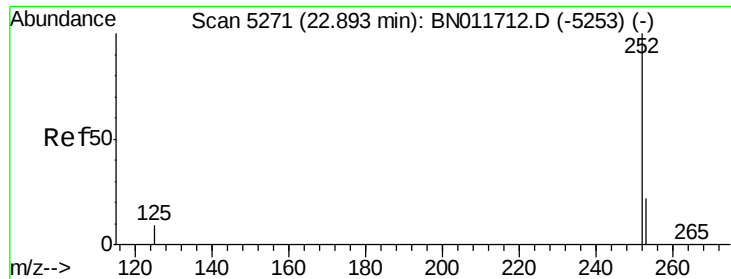
Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 20.7 16.4 24.6





#21

Benzo(b)fluoranthene

Concen: 0.427 ng/ul

RT: 22.89 min Scan# 5270

Delta R.T. -0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 22:22

Instrument :

BNA_N

ClientSampleId :

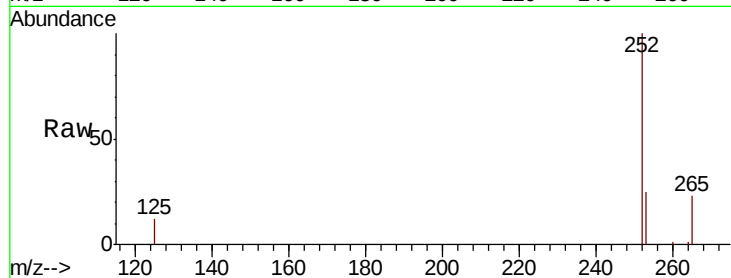
Tot Ion:252 Resp: 11724

Ion Ratio Lower Upper

252 100

253 24.8 0.0 54.8

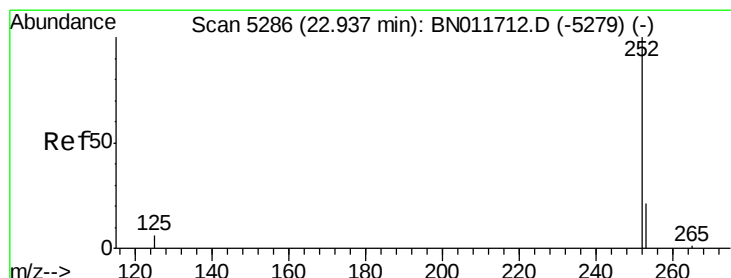
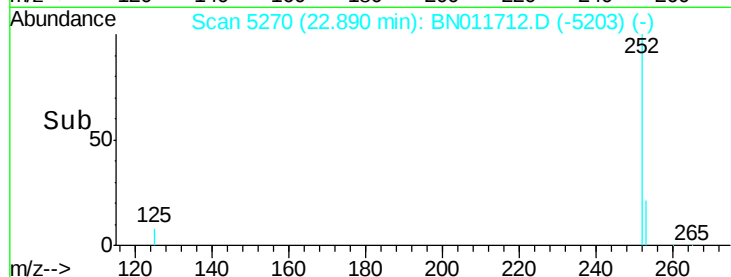
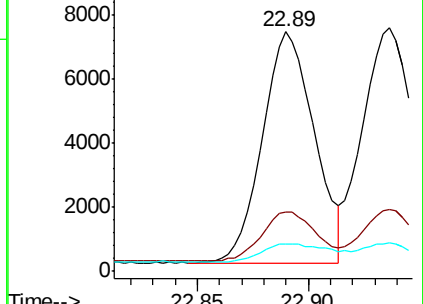
125 11.6 0.0 22.2



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



#22

Benzo(k)fluoranthene

Concen: 0.409 ng/ul

RT: 22.94 min Scan# 5286

Delta R.T. 0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 22:22

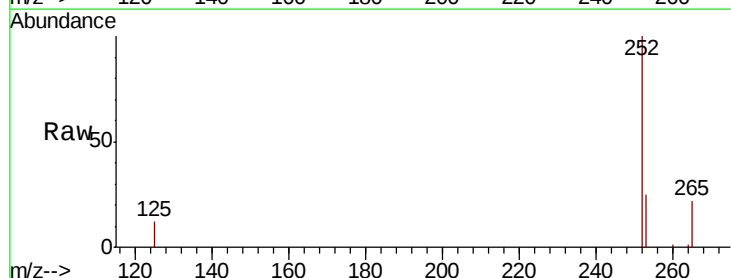
Tgt Ion:252 Resp: 12439

Ion Ratio Lower Upper

252 100

253 25.4 21.8 32.6

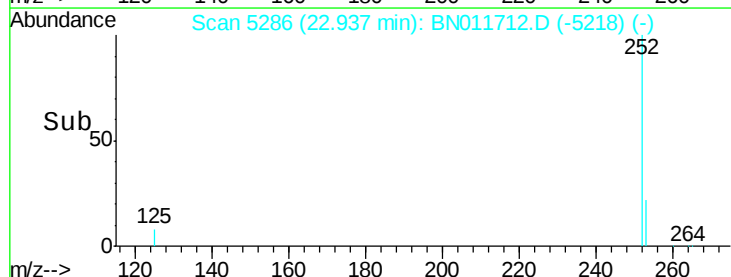
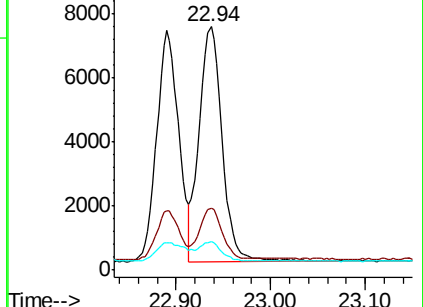
125 11.6 9.1 13.7

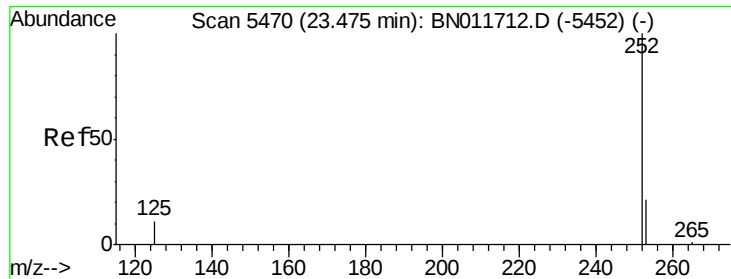


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.448 ng/ul

RT: 23.47 min Scan# 5468

Delta R.T. -0.01 min

Lab File: BN011712.D

Acq: 04 Sep 2020 22:22

Instrument :

BNA_N

ClientSampleId :

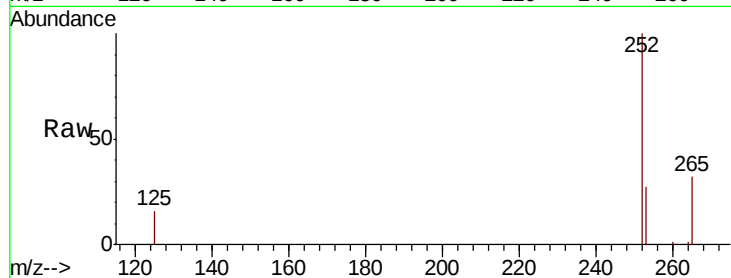
Tot Ion:252 Resp: 10339

Ion Ratio Lower Upper

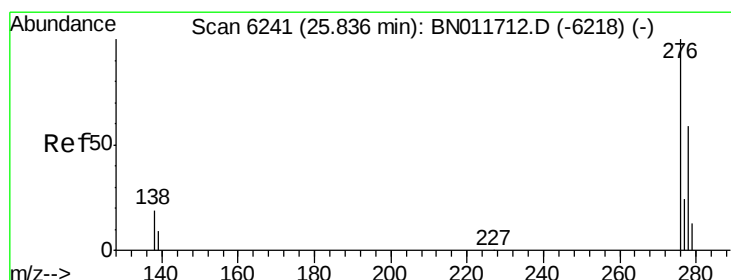
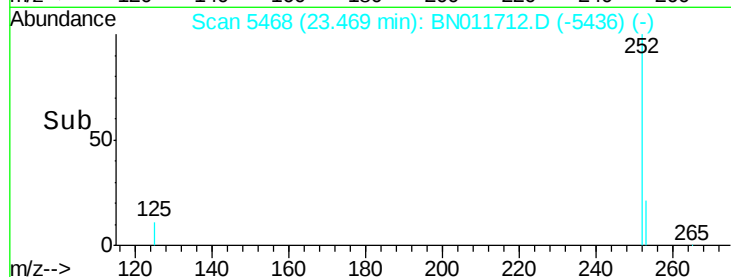
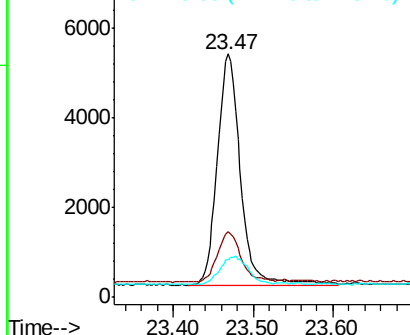
252 100

253 26.9 24.4 36.6

125 15.7 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: 0.450 ng/ul

RT: 25.83 min Scan# 6240

Delta R.T. -0.00 min

Lab File: BN011712.D

Acq: 04 Sep 2020 22:22

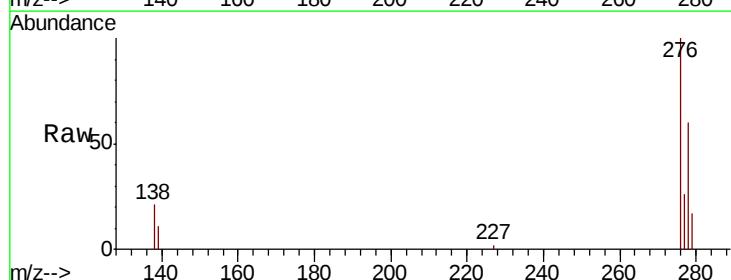
Tgt Ion:276 Resp: 14059

Ion Ratio Lower Upper

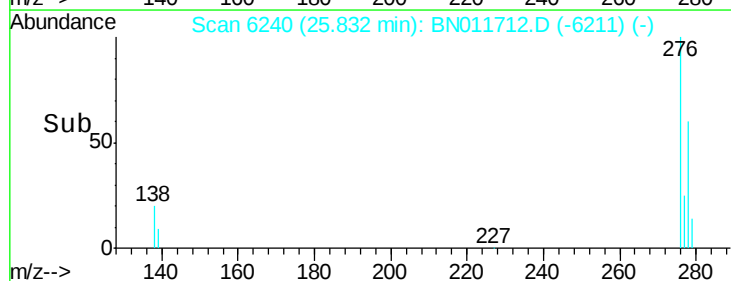
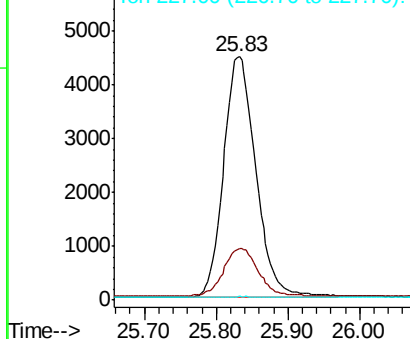
276 100

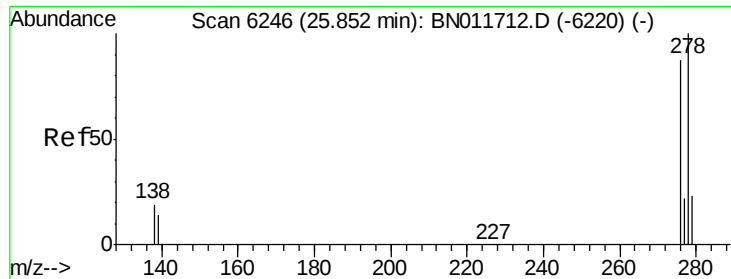
138 21.7 15.8 23.6

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

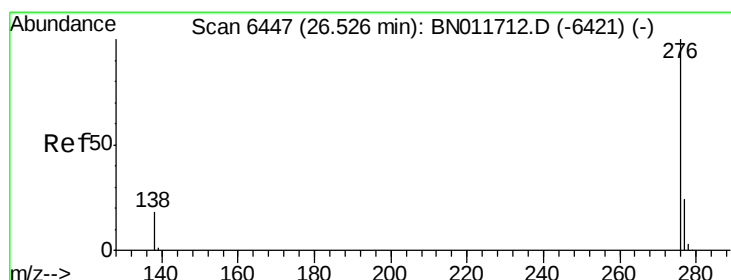
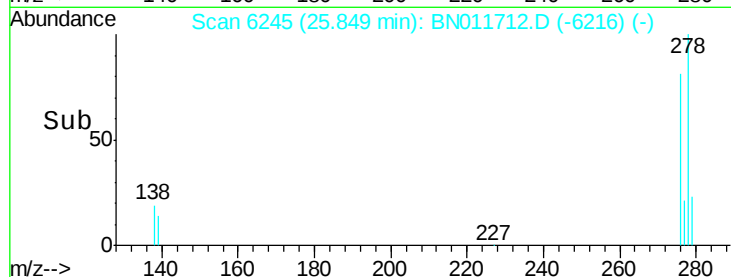
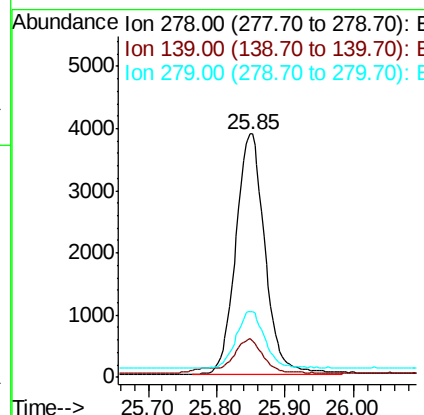
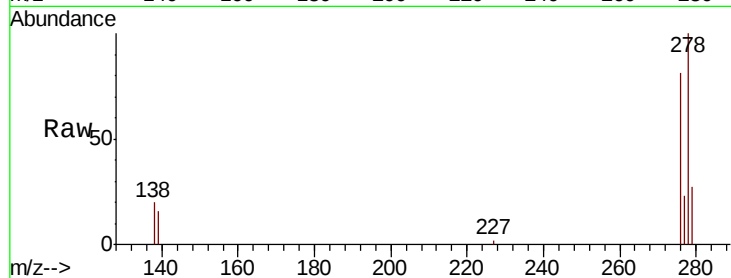




#25
Dibenzo(a,h)anthracene
Concen: 0.451 ng/ul
RT: 25.85 min Scan# 6245
Delta R.T. -0.00 min
Lab File: BN011712.D
Acq: 04 Sep 2020 22:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 11479
Ion Ratio Lower Upper
278 100
139 16.1 12.1 18.1
279 26.9 22.9 34.3



#26
Benzo(g,h,i)perylene
Concen: 0.404 ng/ul
RT: 26.52 min Scan# 6445
Delta R.T. -0.01 min
Lab File: BN011712.D
Acq: 04 Sep 2020 22:22

Tgt Ion:276 Resp: 11814
Ion Ratio Lower Upper
276 100
138 18.9 15.8 23.6
277 25.0 20.6 31.0

