

Data File : BN003395.D
Acq On : 02 Nov 2018 00:51
Operator : MJ/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.433

Quant Time: Nov 02 04:53:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 04:49:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	9104	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	37541	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	22458	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	53611	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	52911	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	43957	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.24	152	24927	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	63217	0.42	ng/ul	0.00

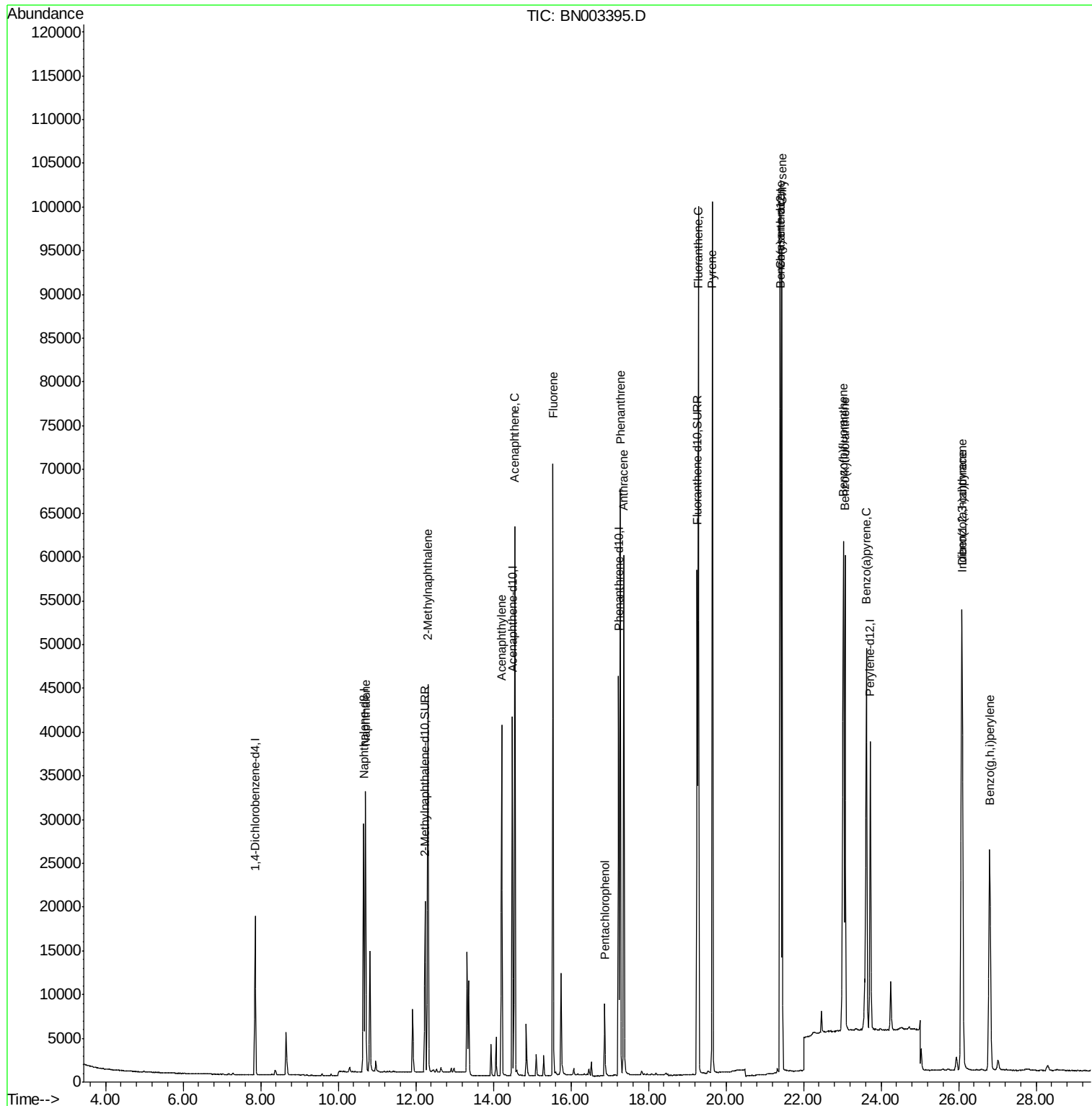
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.70	128	42619	0.405	ng/ul	100
5) 2-Methylnaphthalene	12.31	142	31577	0.417	ng/ul	99
7) Acenaphthylene	14.21	152	45549	0.467	ng/ul	100
8) Acenaphthene	14.55	153	35409	0.406	ng/ul	99
9) Fluorene	15.54	166	41402	0.403	ng/ul	99
11) Pentachlorophenol	16.87	266	5720	0.533	ng/ul	100
12) Phenanthrene	17.27	178	69171	0.393	ng/ul	99
13) Anthracene	17.36	178	63047	0.440	ng/ul	100
15) Fluoranthene	19.29	202	80739	0.409	ng/ul	99
17) Pyrene	19.65	202	81569	0.424	ng/ul	98
18) Benzo(a)anthracene	21.39	228	77104	0.465	ng/ul	99
19) Chrysene	21.45	228	73947	0.392	ng/ul	99
21) Benzo(b)fluoranthene	23.02	252	72019	0.380	ng/ul	98
22) Benzo(k)fluoranthene	23.07	252	68044	0.371	ng/ul	98
23) Benzo(a)pyrene	23.62	252	64454	0.408	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.08	276	65578	0.387	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.09	278	53297	0.386	ng/ul	98
26) Benzo(g,h,i)perylene	26.80	276	53922	0.371	ng/ul	99

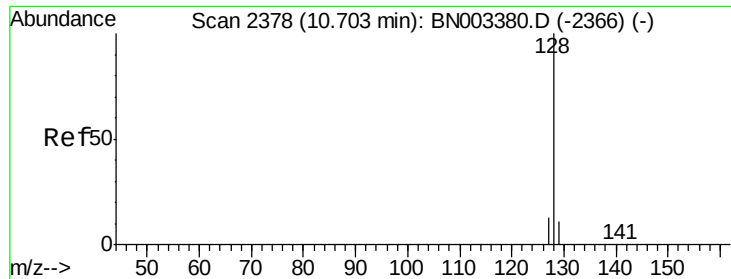
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.405 ng/ul

RT: 10.70 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BN003395.D

Acq: 02 Nov 2018 00:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.433

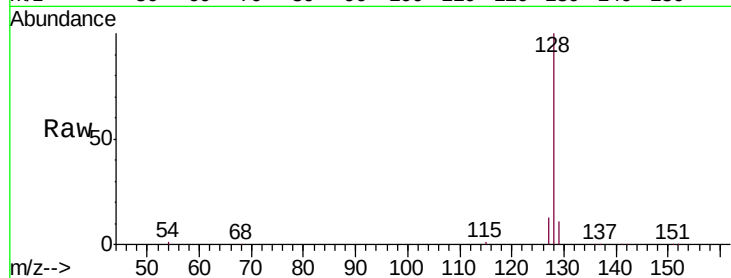
Tgt Ion:128 Resp: 42619

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

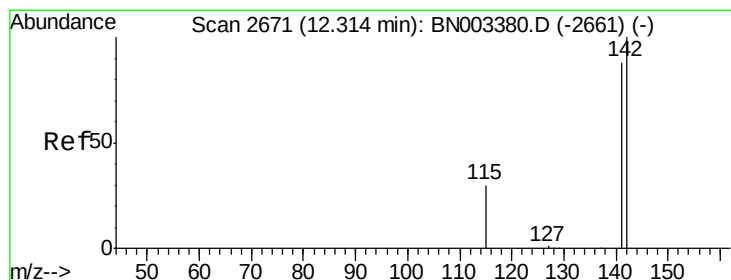
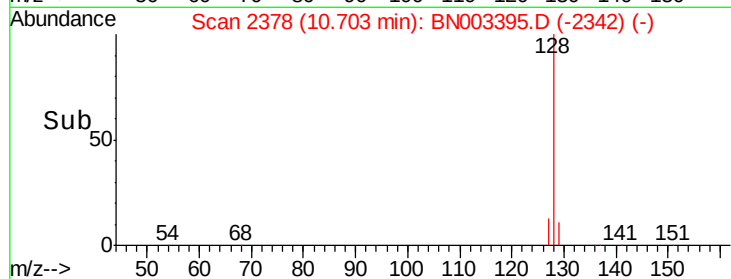
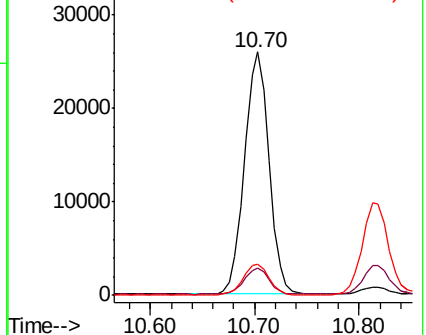
127 12.9 10.5 15.7



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: 0.417 ng/ul

RT: 12.31 min Scan# 2671

Delta R.T. -0.00 min

Lab File: BN003395.D

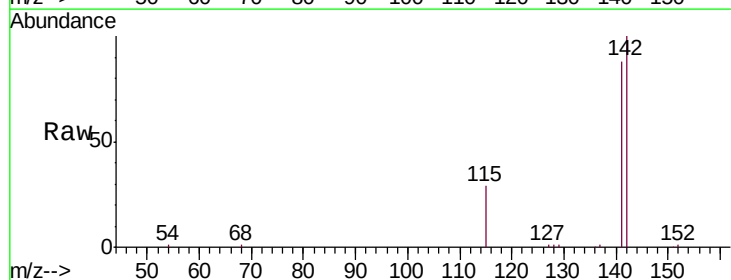
Acq: 02 Nov 2018 00:51

Tgt Ion:142 Resp: 31577

Ion Ratio Lower Upper

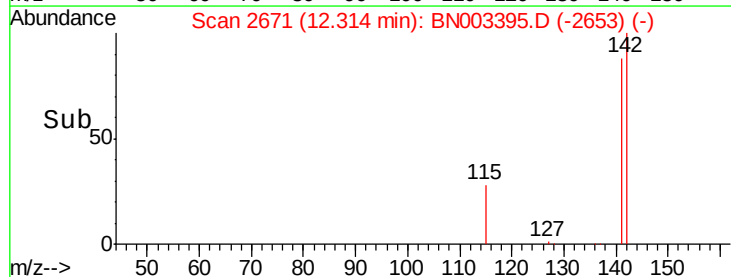
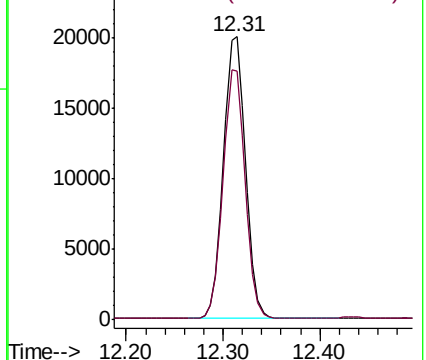
142 100

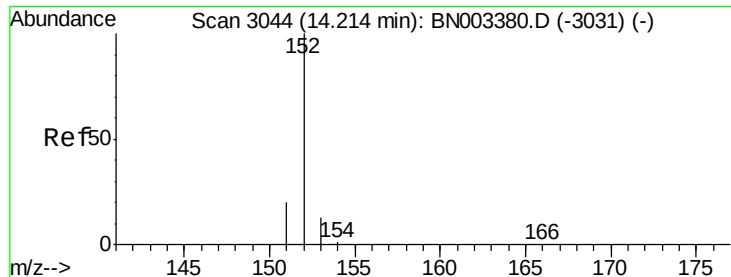
141 88.5 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.467 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. -0.00 min

Lab File: BN003395.D

Acq: 02 Nov 2018 00:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.433

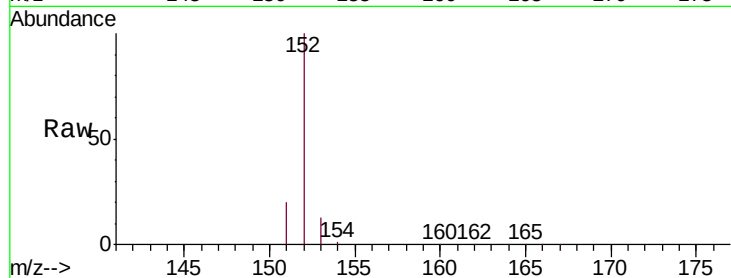
Tgt Ion:152 Resp: 45549

Ion Ratio Lower Upper

152 100

151 19.6 15.6 23.4

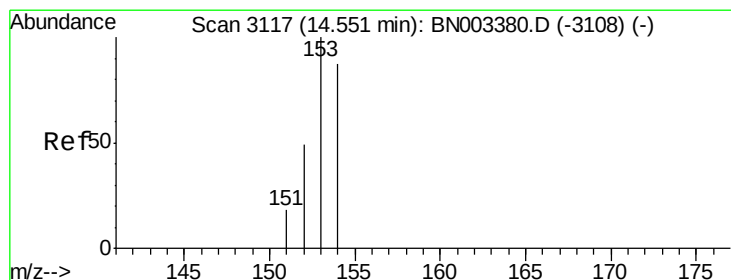
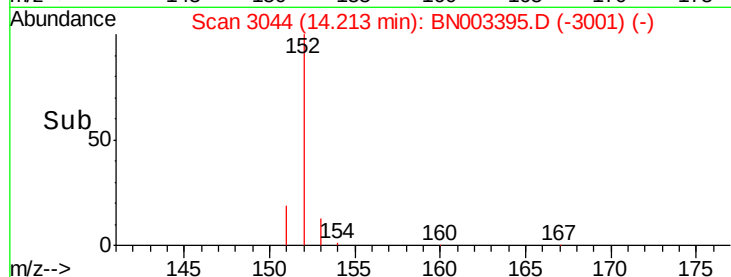
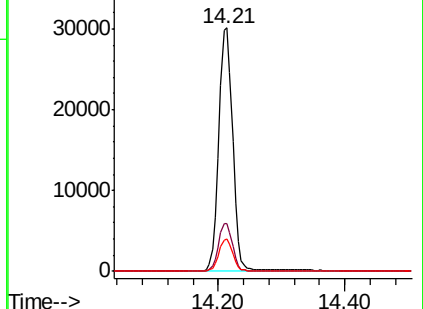
153 13.3 10.4 15.6



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: 0.406 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BN003395.D

Acq: 02 Nov 2018 00:51

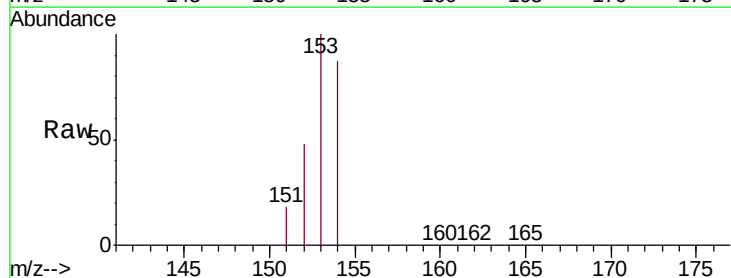
Tgt Ion:153 Resp: 35409

Ion Ratio Lower Upper

153 100

152 48.0 39.5 59.3

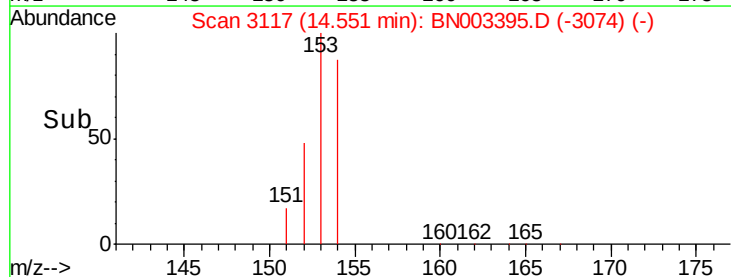
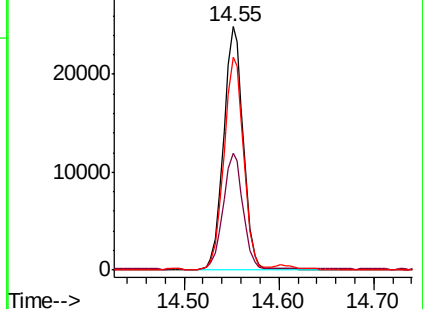
154 87.4 70.3 105.5

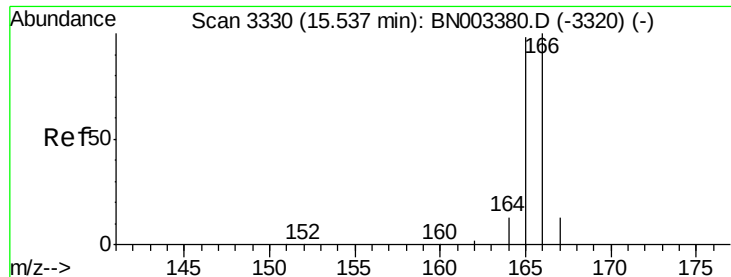


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.403 ng/ul

RT: 15.54 min Scan# 3330

Delta R.T. -0.00 min

Lab File: BN003395.D

Acq: 02 Nov 2018 00:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.433

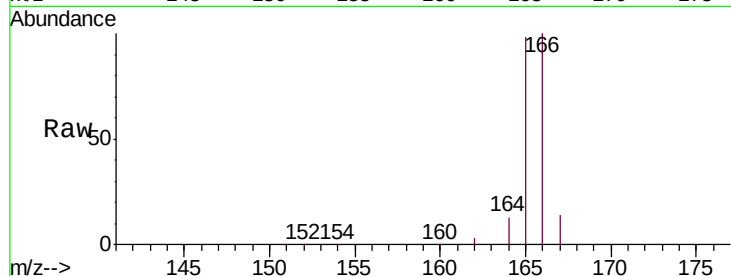
Tgt Ion:166 Resp: 41402

Ion Ratio Lower Upper

166 100

165 98.4 78.3 117.5

167 13.7 10.8 16.2

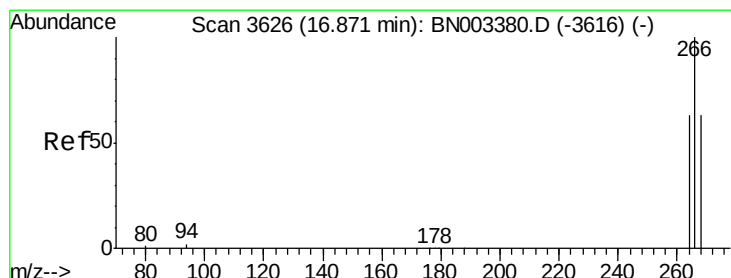
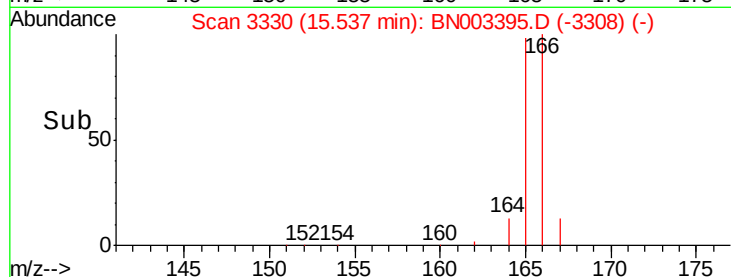
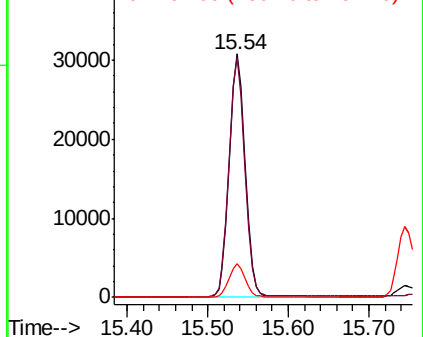


Abundance

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: 0.533 ng/ul

RT: 16.87 min Scan# 3626

Delta R.T. -0.00 min

Lab File: BN003395.D

Acq: 02 Nov 2018 00:51

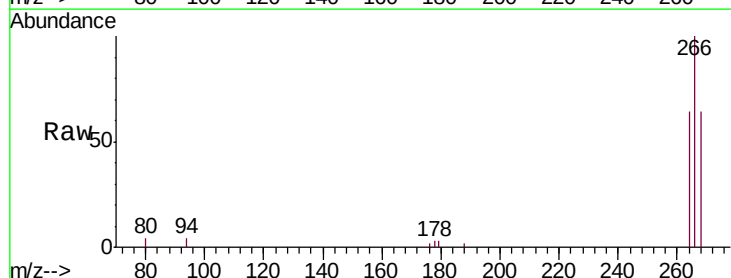
Tgt Ion:266 Resp: 5720

Ion Ratio Lower Upper

266 100

264 62.5 50.2 75.4

268 63.7 50.7 76.1

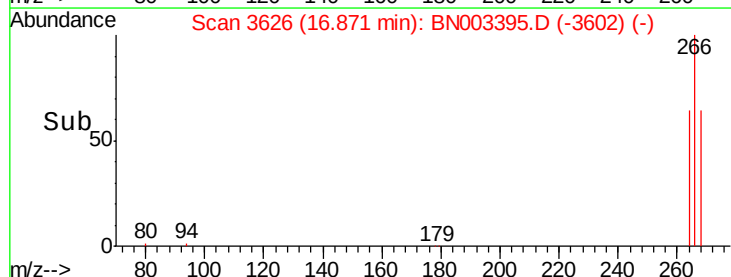
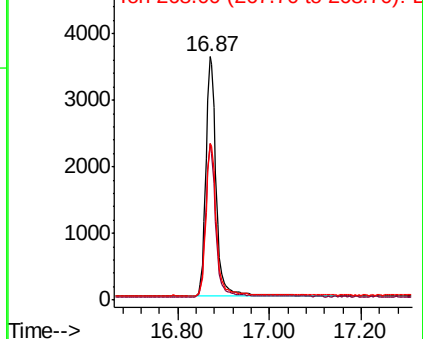


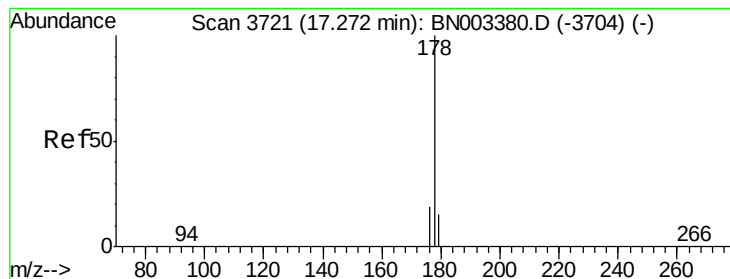
Abundance

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: 0.393 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. -0.00 min

Lab File: BN003395.D

Acq: 02 Nov 2018 00:51

Instrument :

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ClientSampleId :

SSTD0.433

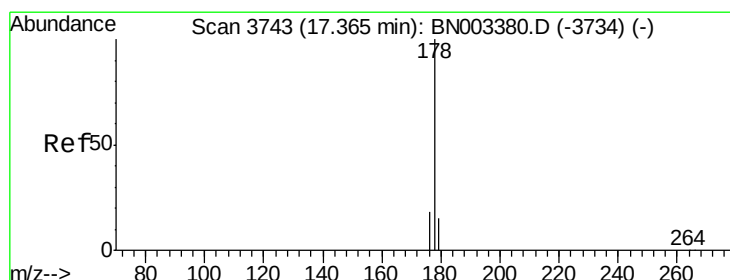
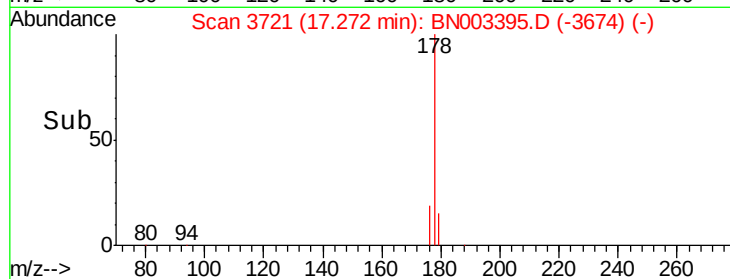
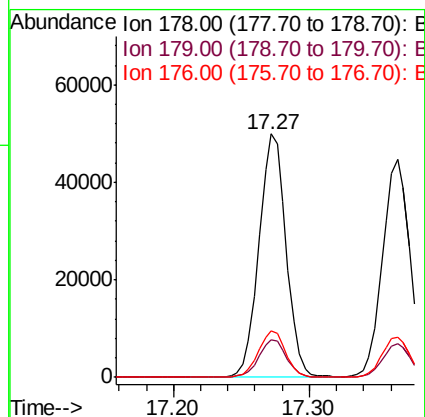
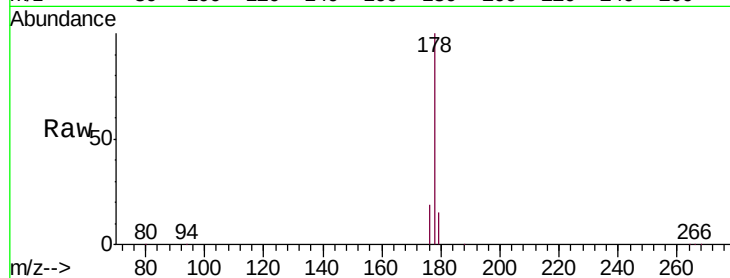
Tgt Ion:178 Resp: 69171

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 19.2 15.0 22.4



#13

Anthracene

Concen: 0.440 ng/ul

RT: 17.36 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BN003395.D

Acq: 02 Nov 2018 00:51

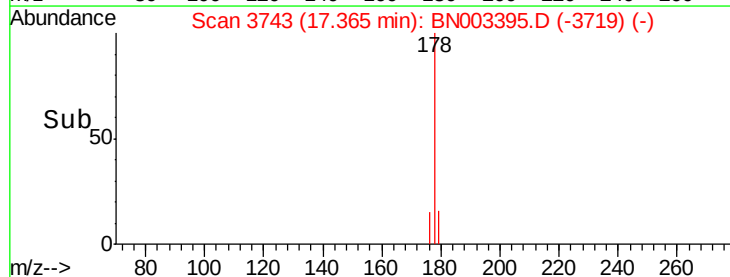
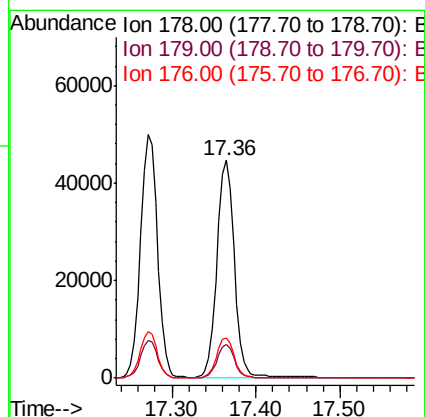
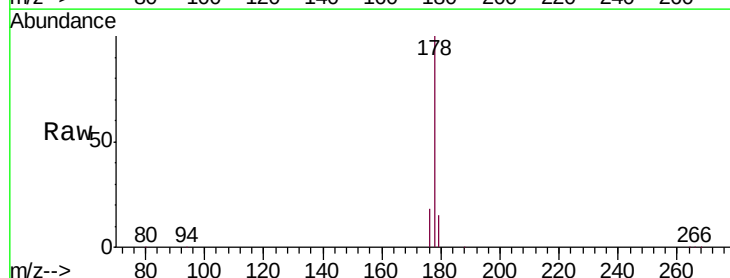
Tgt Ion:178 Resp: 63047

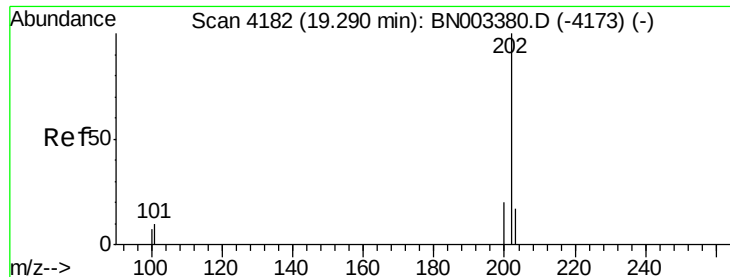
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

176 18.3 14.7 22.1

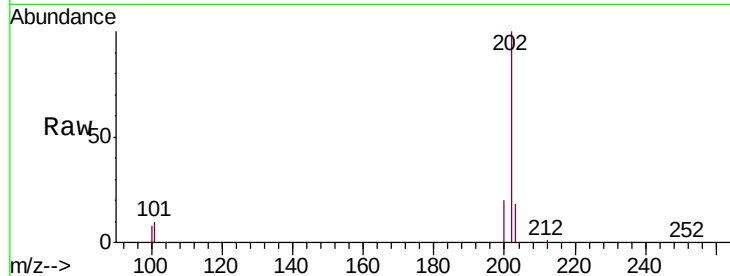




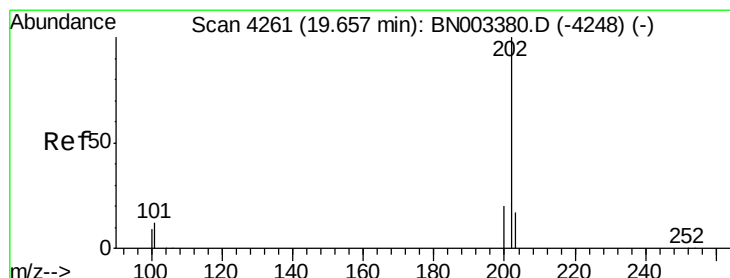
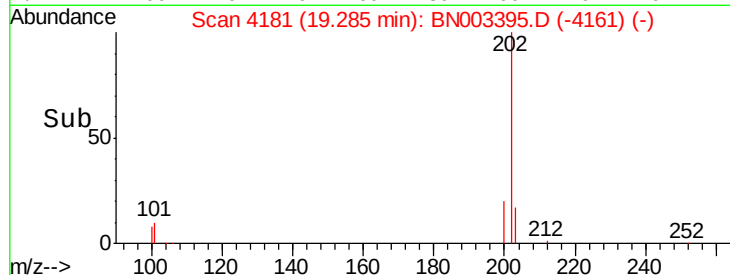
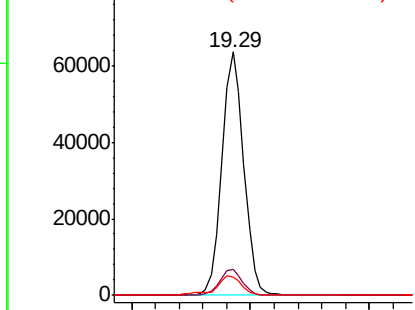
#15
Fluoranthene
Concen: 0.409 ng/ul
RT: 19.29 min Scan# 4181
Delta R.T. -0.00 min
Lab File: BN003395.D
Acq: 02 Nov 2018 00:51

Instrument :
BNA_N
ClientSampleId :
SSTD0.433

Tgt Ion:202 Resp: 80739
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
100 7.8 0.0 28.0

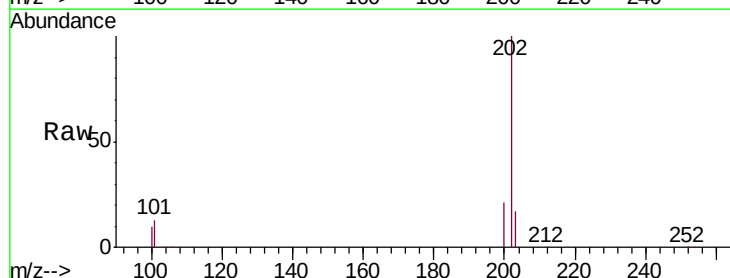


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

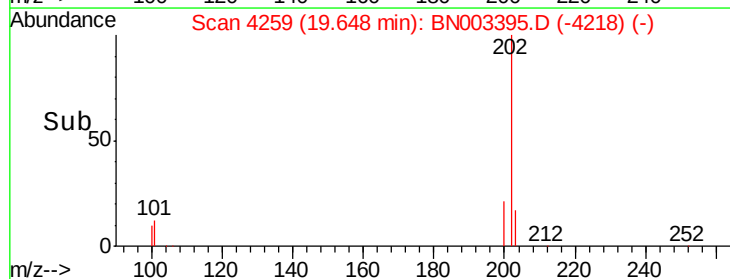
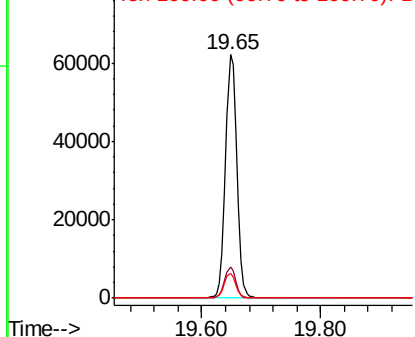


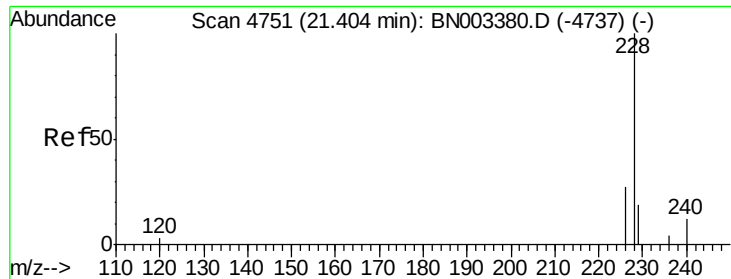
#17
Pyrene
Concen: 0.424 ng/ul
RT: 19.65 min Scan# 4259
Delta R.T. -0.01 min
Lab File: BN003395.D
Acq: 02 Nov 2018 00:51

Tgt Ion:202 Resp: 81569
Ion Ratio Lower Upper
202 100
101 12.6 9.5 14.3
100 10.3 7.5 11.3



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: 0.465 ng/ul

RT: 21.39 min Scan# 4747

Delta R.T. -0.01 min

Lab File: BN003395.D

Acq: 02 Nov 2018 00:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.433

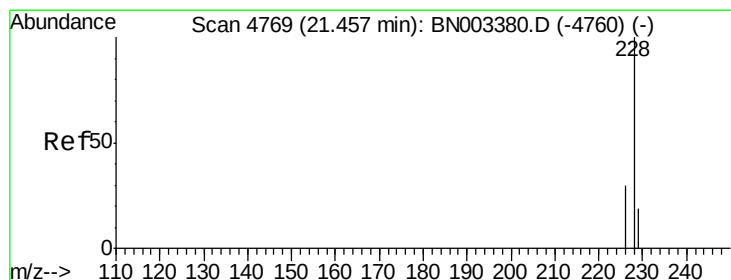
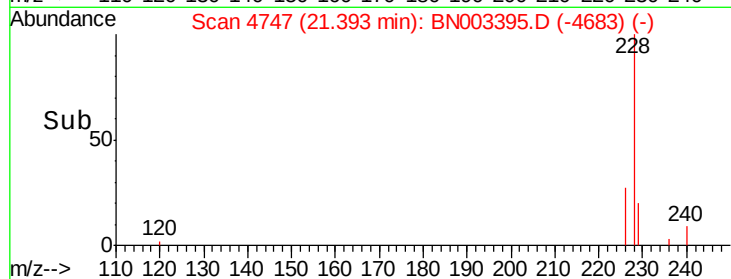
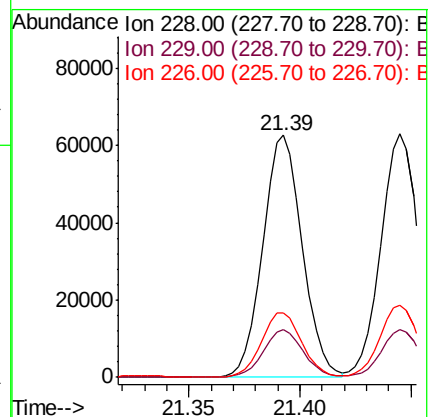
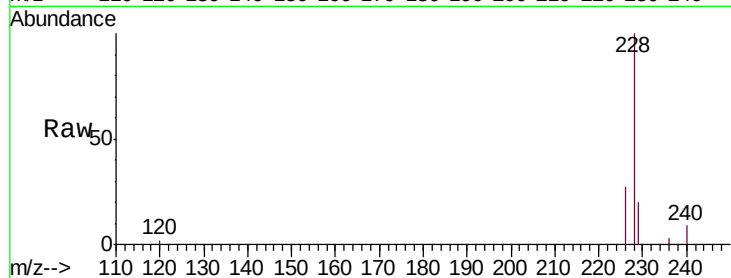
Tgt Ion:228 Resp: 77104

Ion Ratio Lower Upper

228 100

229 19.9 15.5 23.3

226 26.8 21.5 32.3



#19

Chrysene

Concen: 0.392 ng/ul

RT: 21.45 min Scan# 4765

Delta R.T. -0.01 min

Lab File: BN003395.D

Acq: 02 Nov 2018 00:51

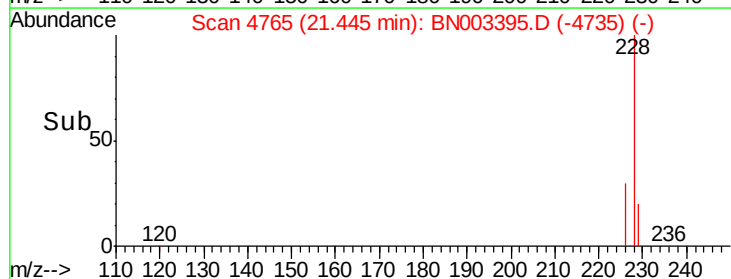
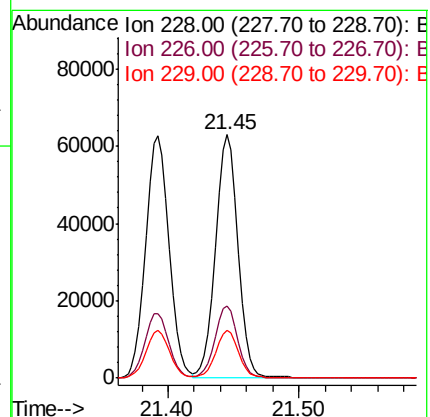
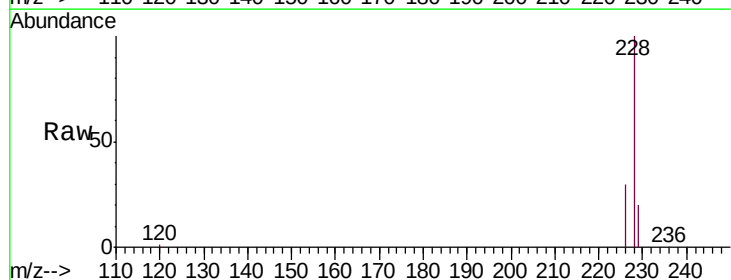
Tgt Ion:228 Resp: 73947

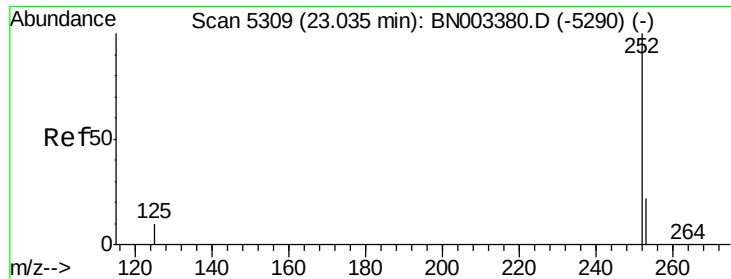
Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

229 19.8 15.5 23.3





#21

Benzo(b)fluoranthene

Concen: 0.380 ng/ul

RT: 23.02 min Scan# 5304

Delta R.T. -0.01 min

Lab File: BN003395.D

Acq: 02 Nov 2018 00:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.433

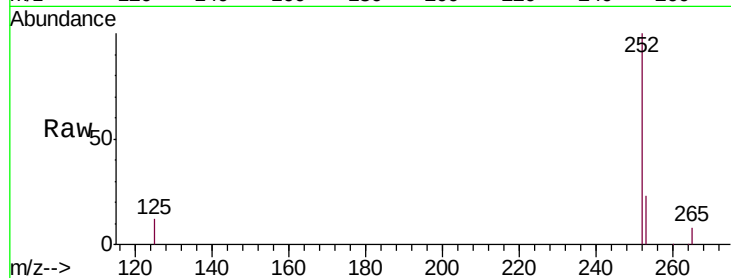
Tgt Ion:252 Resp: 72019

Ion Ratio Lower Upper

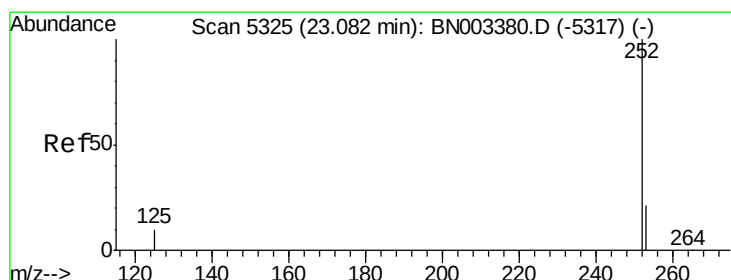
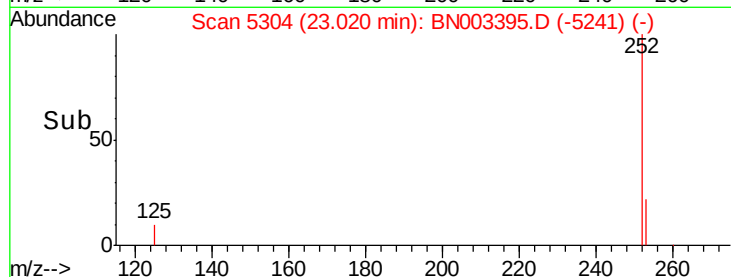
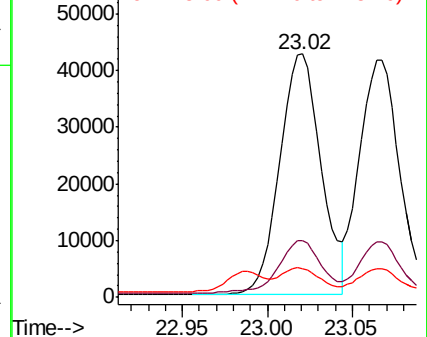
252 100

253 23.5 0.0 45.6

125 12.0 0.0 21.8



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: 0.371 ng/ul

RT: 23.07 min Scan# 5320

Delta R.T. -0.01 min

Lab File: BN003395.D

Acq: 02 Nov 2018 00:51

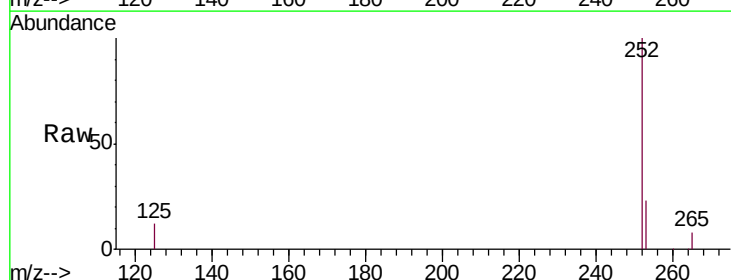
Tgt Ion:252 Resp: 68044

Ion Ratio Lower Upper

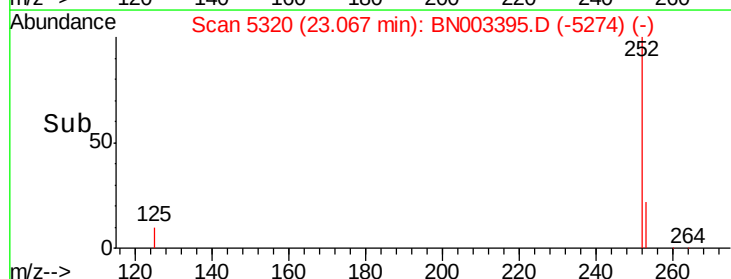
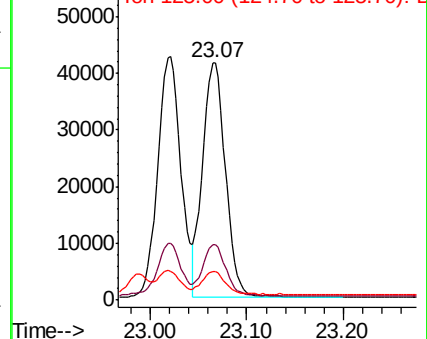
252 100

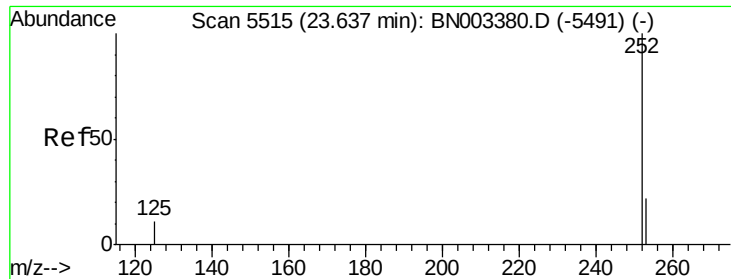
253 23.3 18.2 27.4

125 11.9 8.6 13.0



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: 0.408 ng/ul

RT: 23.62 min Scan# 5508

Delta R.T. -0.02 min

Lab File: BN003395.D

Acq: 02 Nov 2018 00:51

Instrument :

BNA_N

ClientSampleId :

SSTD0.433

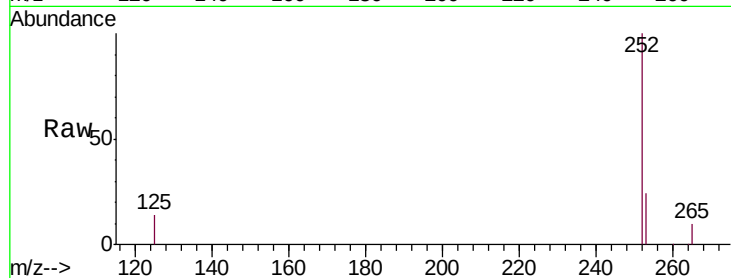
Tgt Ion:252 Resp: 64454

Ion Ratio Lower Upper

252 100

253 23.9 18.5 27.7

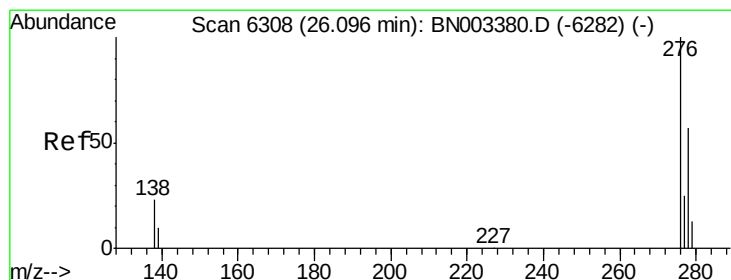
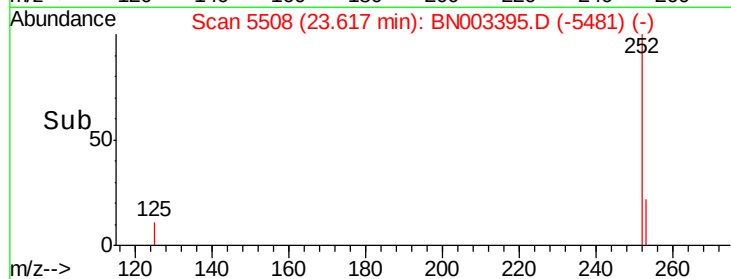
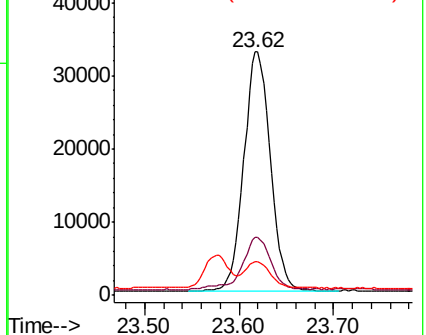
125 14.1 9.9 14.9



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: 0.387 ng/ul

RT: 26.08 min Scan# 6302

Delta R.T. -0.02 min

Lab File: BN003395.D

Acq: 02 Nov 2018 00:51

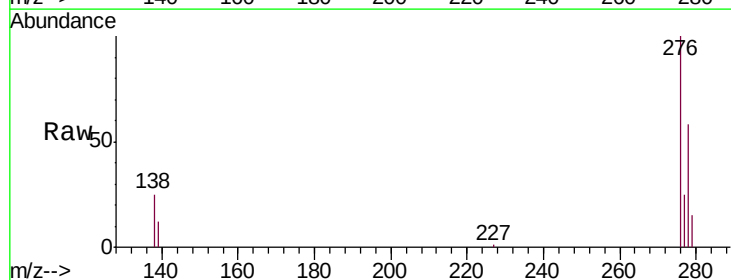
Tgt Ion:276 Resp: 65578

Ion Ratio Lower Upper

276 100

138 24.9 19.8 29.8

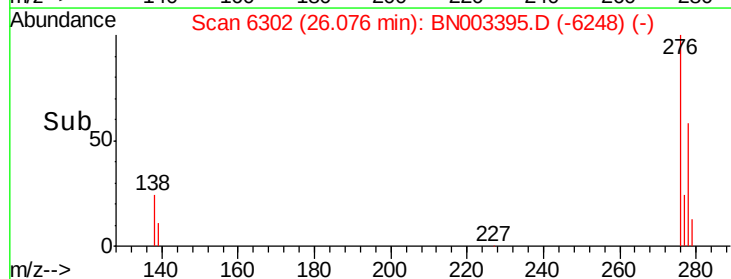
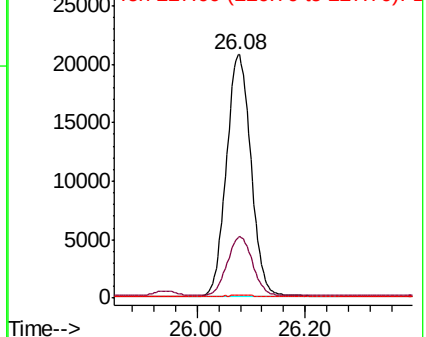
227 0.3 0.2 0.2#

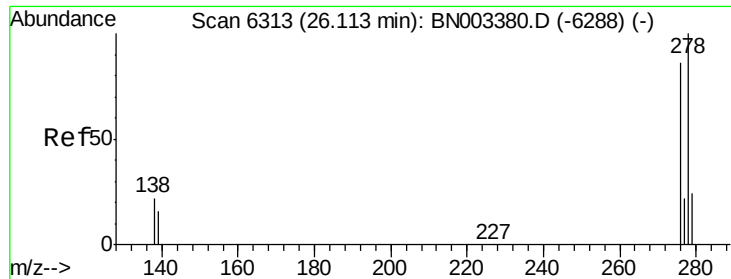


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



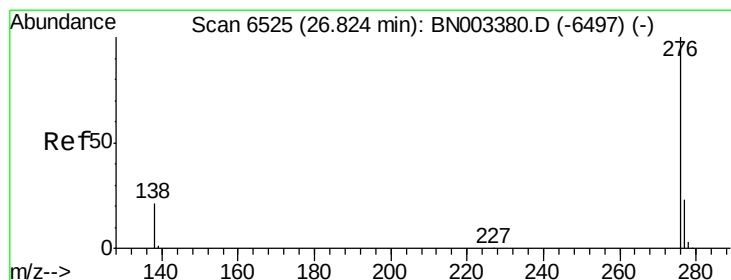
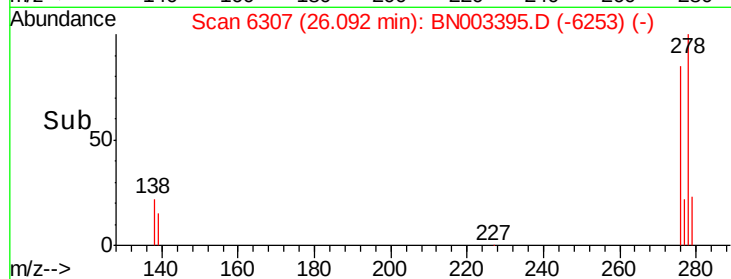
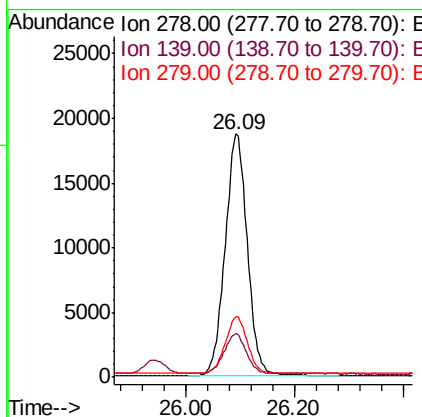
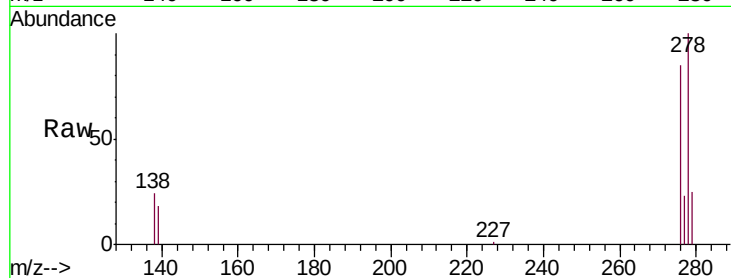


#25
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 26.09 min Scan# 6307
Delta R.T. -0.02 min
Lab File: BN003395.D
Acq: 02 Nov 2018 00:51

Instrument :
BNA_N
ClientSampleId :
SSTD0.433

Tgt Ion: 278 Resp: 53297

Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.1	19.7
279	24.7	19.5	29.3



#26
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 26.80 min Scan# 6517
Delta R.T. -0.03 min
Lab File: BN003395.D
Acq: 02 Nov 2018 00:51

Tgt Ion: 276 Resp: 53922

Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.0	25.6
277	23.8	19.2	28.8

