

Data File : BN003420.D
Acq On : 03 Nov 2018 01:08
Operator : MJ/SJ
Sample : SSTDC00.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.436

Quant Time: Nov 03 01:41:45 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 23:49:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	11335	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	46765	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	25009	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	53139	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	38306	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	35411	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	29435	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	56123	0.38	ng/ul	0.00

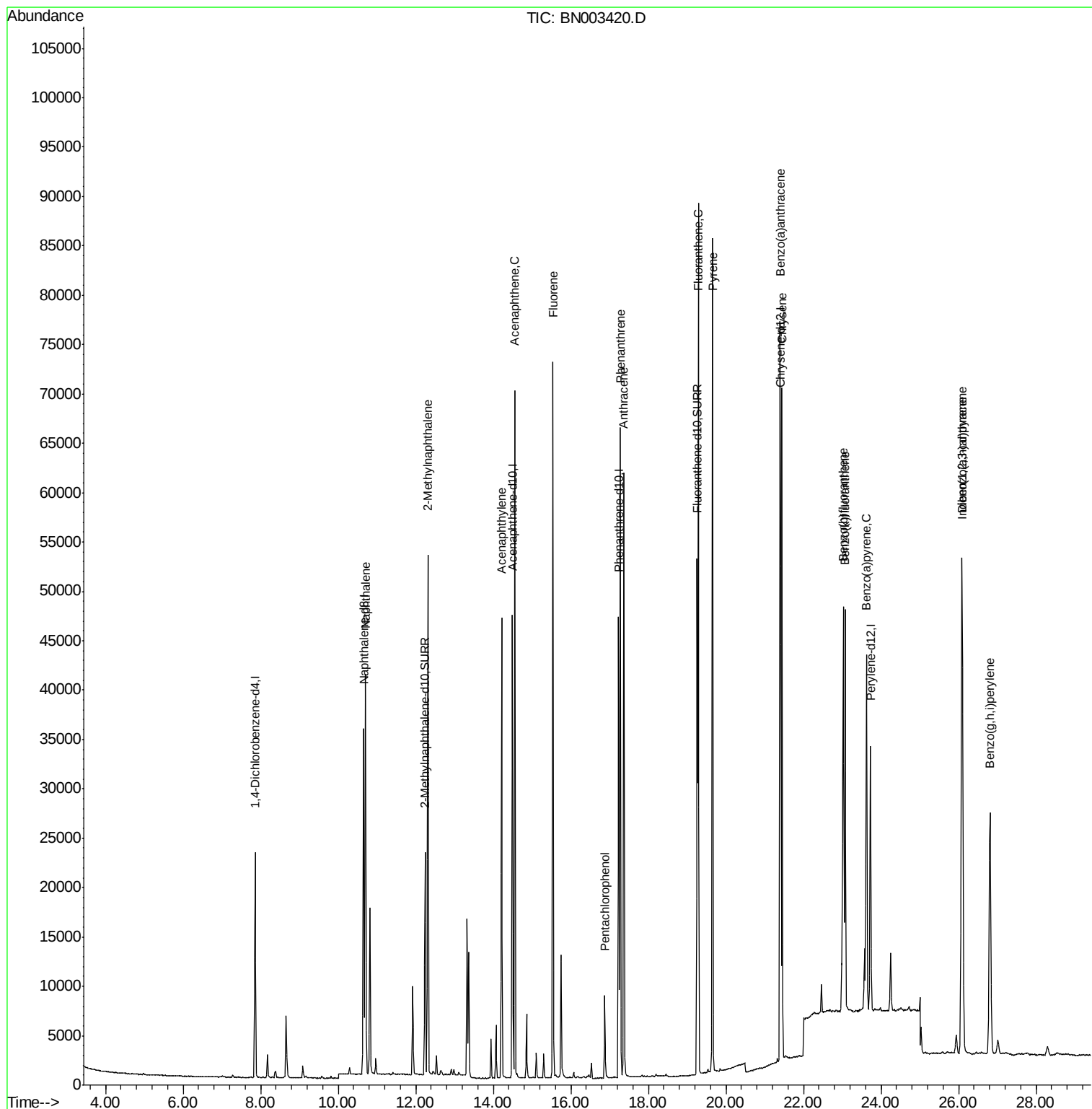
Target Compounds				Qvalue		
3) Naphthalene	10.70	128	54014	0.412	ng/ul	100
5) 2-Methylnaphthalene	12.31	142	38239	0.405	ng/ul	100
7) Acenaphthylene	14.21	152	52748	0.485	ng/ul	99
8) Acenaphthene	14.55	153	39403	0.406	ng/ul	99
9) Fluorene	15.54	166	44239	0.387	ng/ul	100
11) Pentachlorophenol	16.88	266	5477	0.515	ng/ul	100
12) Phenanthrene	17.27	178	68587	0.394	ng/ul	100
13) Anthracene	17.36	178	64246	0.452	ng/ul	99
15) Fluoranthene	19.29	202	71767	0.366	ng/ul	99
17) Pyrene	19.65	202	70347	0.505	ng/ul	100
18) Benzo(a)anthracene	21.39	228	57589	0.480	ng/ul	99
19) Chrysene	21.45	228	53551	0.392	ng/ul	99
21) Benzo(b)fluoranthene	23.02	252	53266	0.349	ng/ul	94
22) Benzo(k)fluoranthene	23.07	252	51996	0.352	ng/ul#	94
23) Benzo(a)pyrene	23.62	252	50194	0.394	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	26.08	276	61354	0.450	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.10	278	49652	0.447	ng/ul	95
26) Benzo(g,h,i)perylene	26.81	276	51782	0.443	ng/ul	96

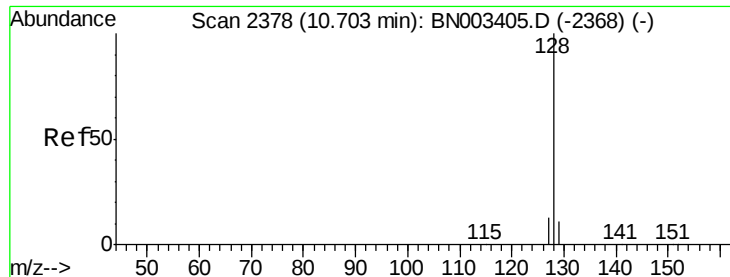
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.412 ng/ul

RT: 10.70 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BN003420.D

Acq: 03 Nov 2018 01:08

Instrument :

BNA_N

ClientSampleId :

SSTD0.436

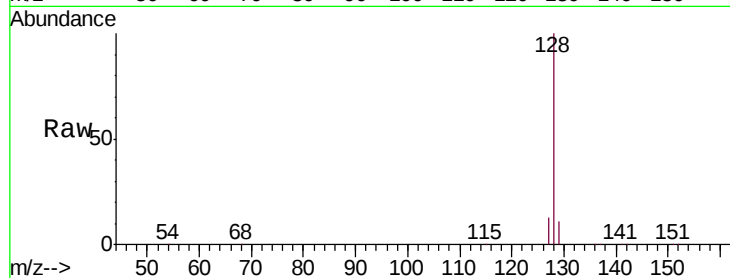
Tgt Ion:128 Resp: 54014

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

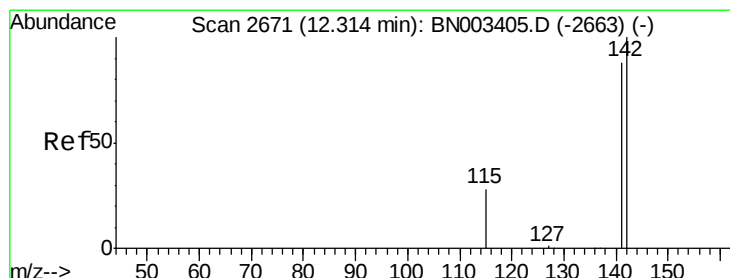
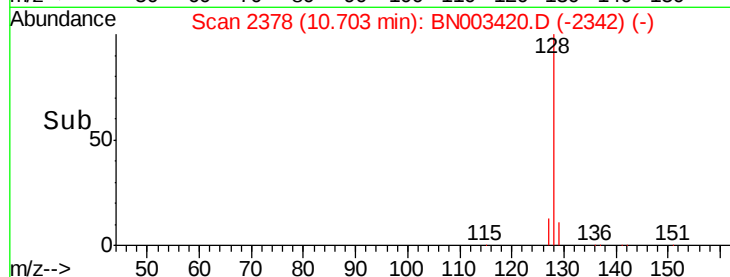
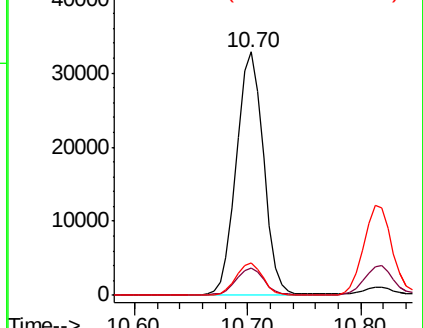
127 13.1 10.5 15.7



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: 0.405 ng/ul

RT: 12.31 min Scan# 2671

Delta R.T. 0.00 min

Lab File: BN003420.D

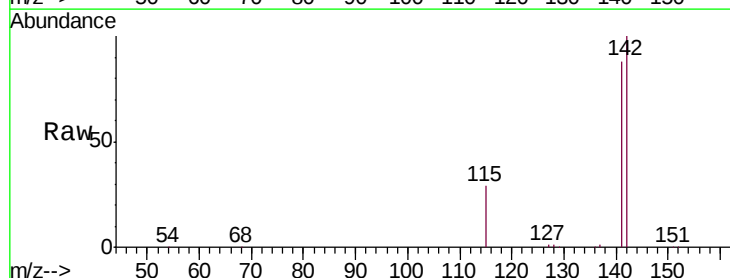
Acq: 03 Nov 2018 01:08

Tgt Ion:142 Resp: 38239

Ion Ratio Lower Upper

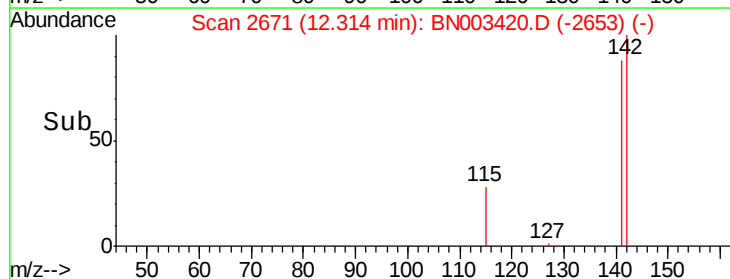
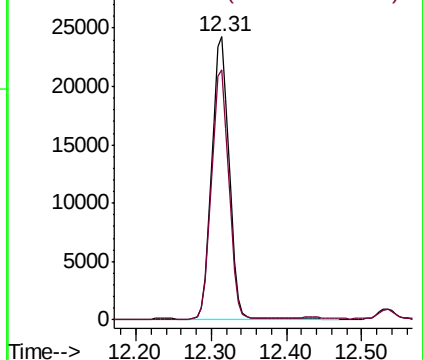
142 100

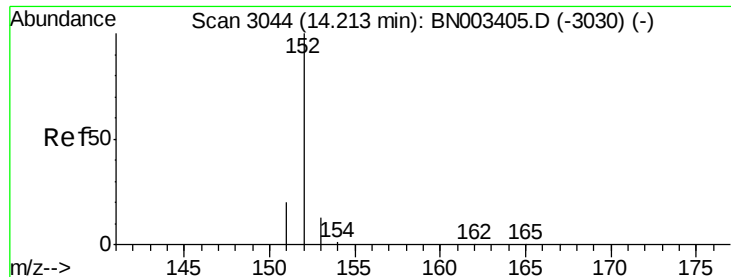
141 88.7 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.485 ng/ul

RT: 14.21 min Scan# 3044

Delta R.T. 0.00 min

Lab File: BN003420.D

Acq: 03 Nov 2018 01:08

Instrument :

BNA_N

ClientSampleId :

SSTD0.436

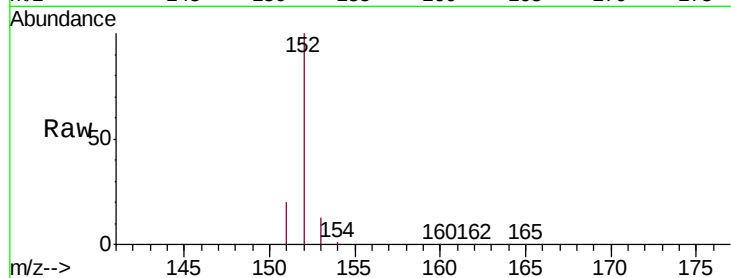
Tgt Ion:152 Resp: 52748

Ion Ratio Lower Upper

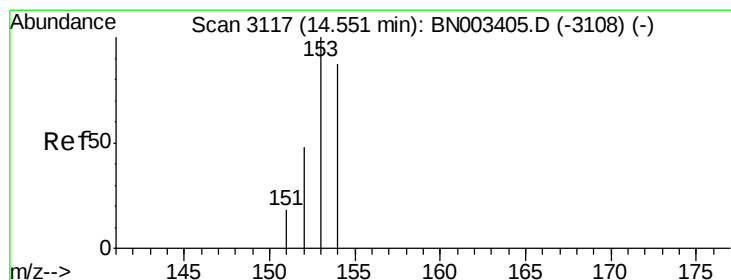
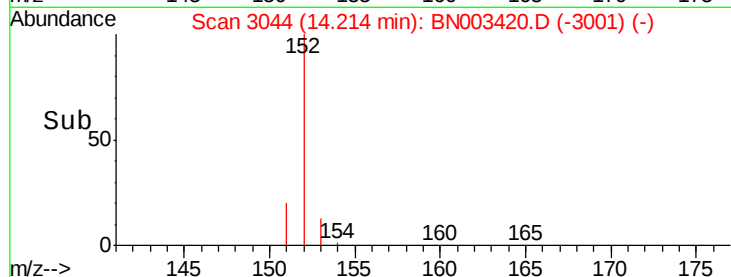
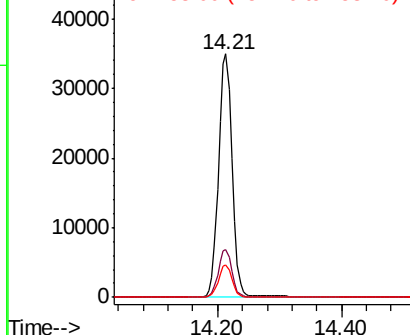
152 100

151 19.9 15.6 23.4

153 13.2 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: BN003420.D

Acq: 03 Nov 2018 01:08

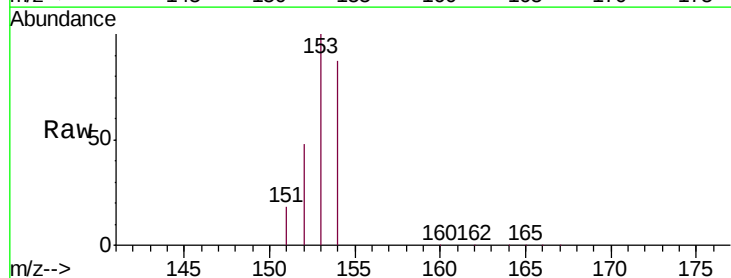
Tgt Ion:153 Resp: 39403

Ion Ratio Lower Upper

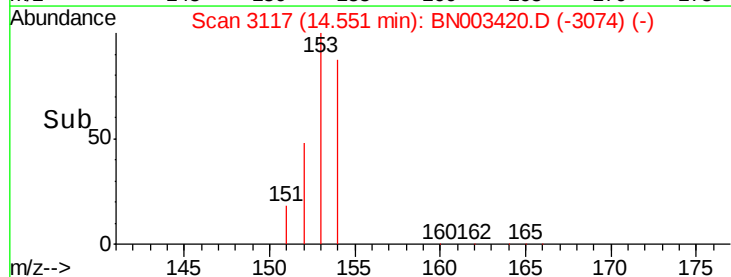
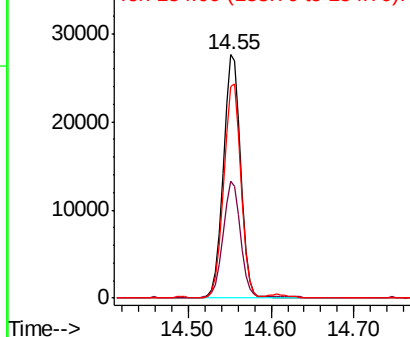
153 100

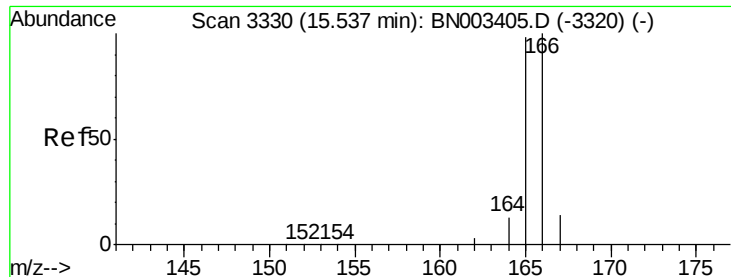
152 48.1 39.5 59.3

154 86.9 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: 0.387 ng/ul

RT: 15.54 min Scan# 3330

Delta R.T. 0.00 min

Lab File: BN003420.D

Acq: 03 Nov 2018 01:08

Instrument :

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SSTD0.436

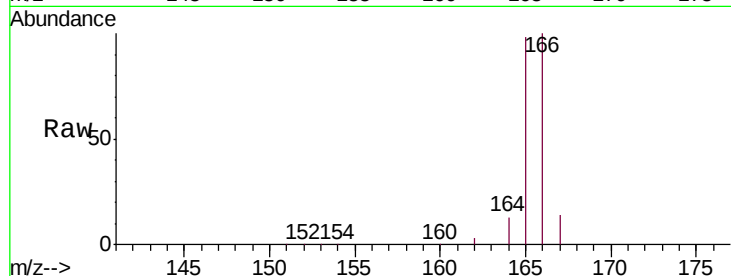
Tgt Ion:166 Resp: 44239

Ion Ratio Lower Upper

166 100

165 97.9 78.3 117.5

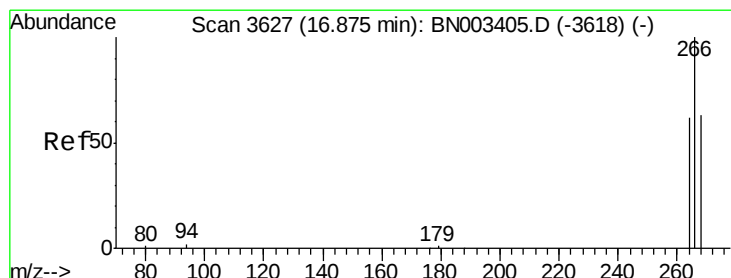
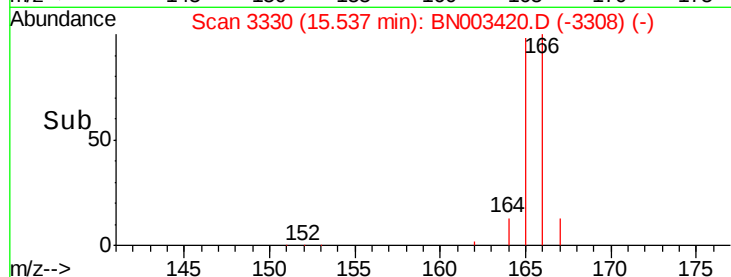
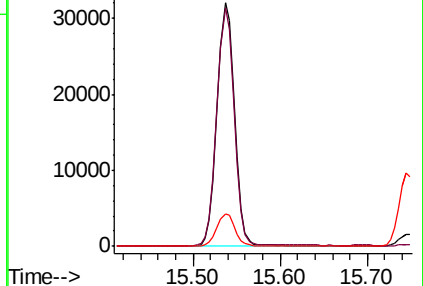
167 13.6 10.8 16.2



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: 0.515 ng/ul

RT: 16.88 min Scan# 3627

Delta R.T. 0.00 min

Lab File: BN003420.D

Acq: 03 Nov 2018 01:08

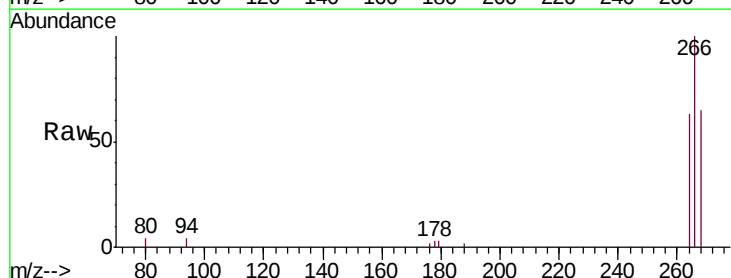
Tgt Ion:266 Resp: 5477

Ion Ratio Lower Upper

266 100

264 62.8 50.2 75.4

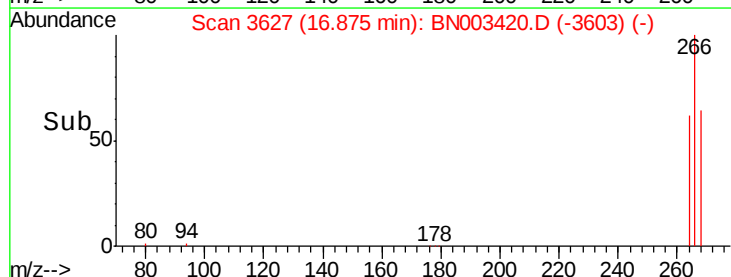
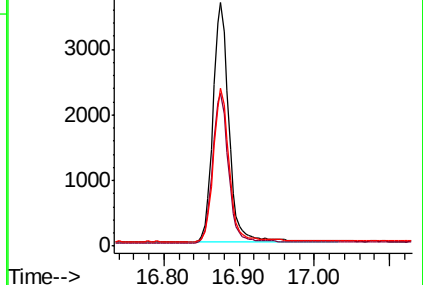
268 62.6 50.7 76.1

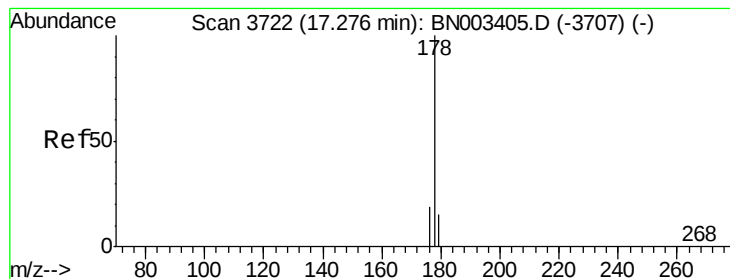


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.394 ng/ul

RT: 17.27 min Scan# 3721

Delta R.T. -0.00 min

Lab File: BN003420.D

Acq: 03 Nov 2018 01:08

Instrument :

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ClientSampleId :

SSTD0.436

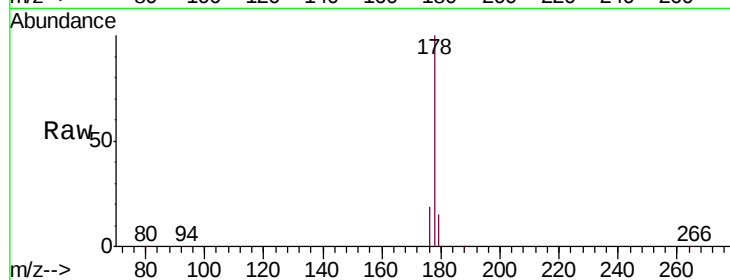
Tgt Ion:178 Resp: 68587

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

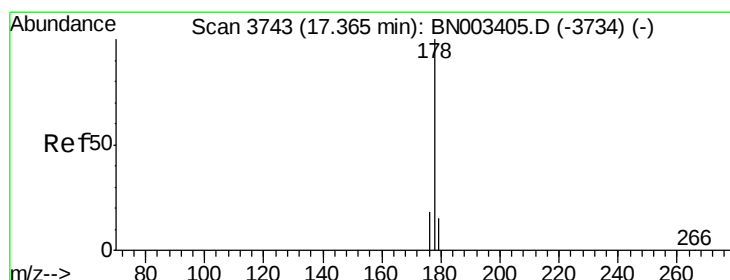
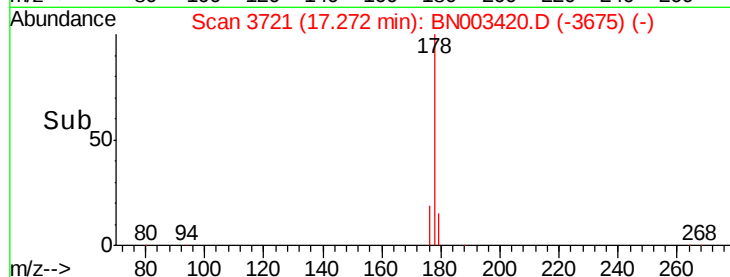
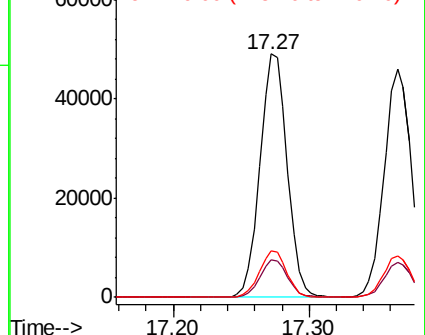
176 18.9 15.0 22.4



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: 0.452 ng/ul

RT: 17.36 min Scan# 3743

Delta R.T. 0.00 min

Lab File: BN003420.D

Acq: 03 Nov 2018 01:08

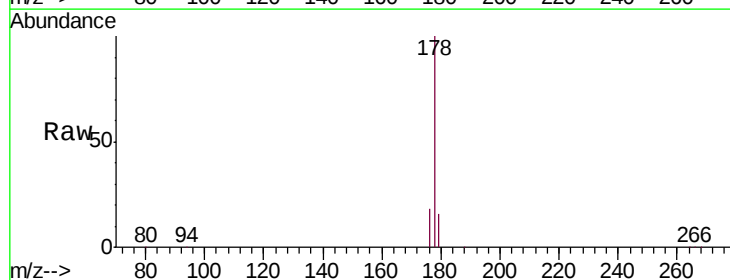
Tgt Ion:178 Resp: 64246

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

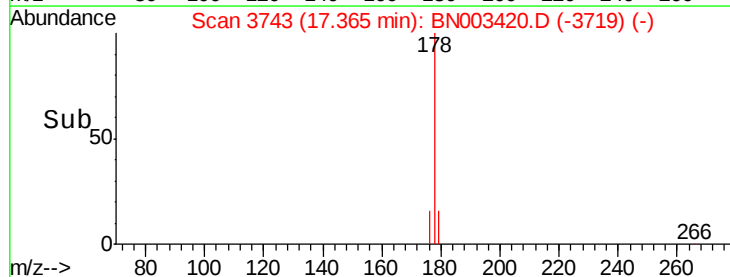
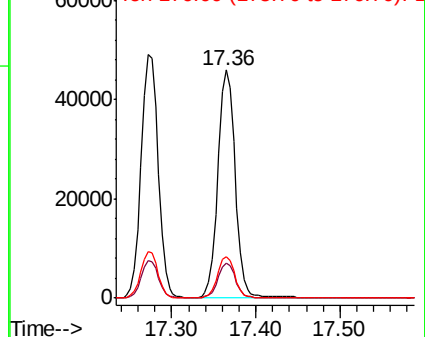
176 18.3 14.7 22.1

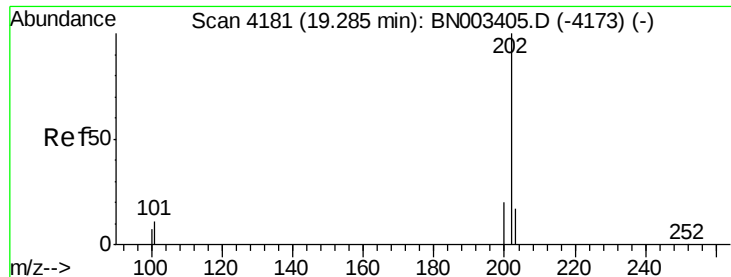


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

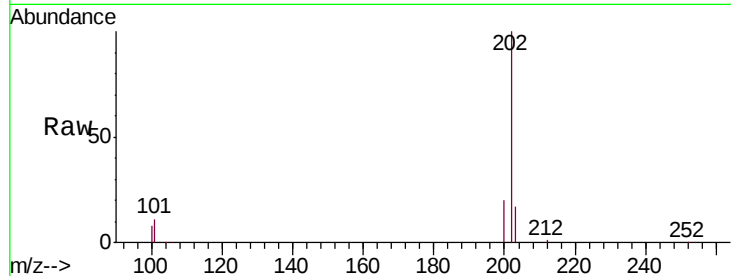




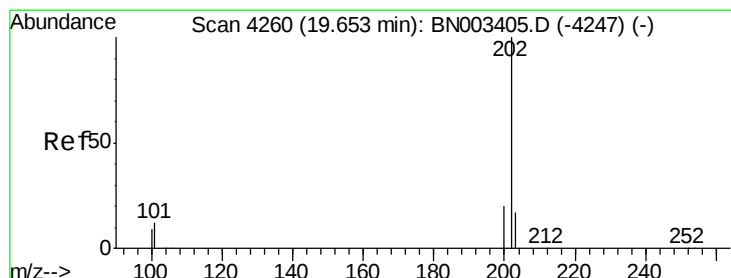
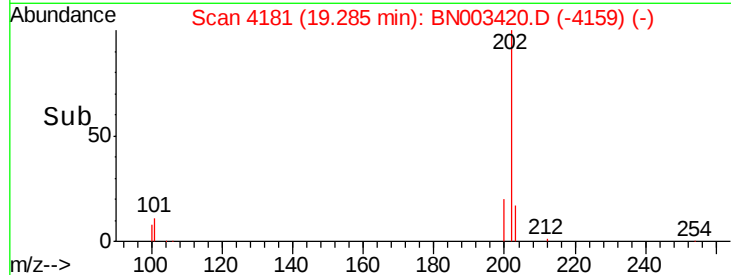
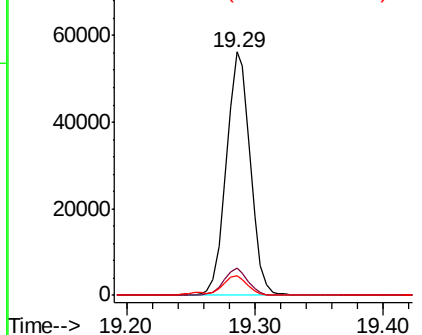
#15
Fluoranthene
 Concen: 0.366 ng/ul
 RT: 19.29 min Scan# 4181
 Delta R.T. 0.00 min
 Lab File: BN003420.D
 Acq: 03 Nov 2018 01:08

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.436

Tgt Ion:202 Resp: 71767
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 30.7
 100 8.2 0.0 28.0

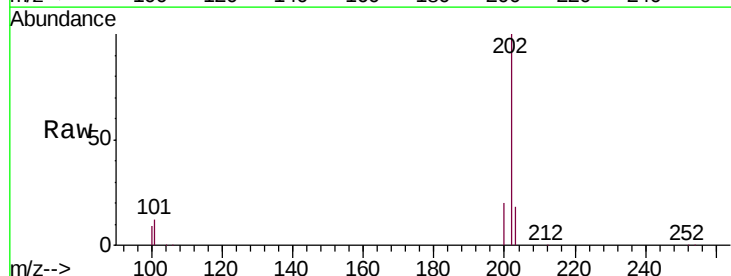


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

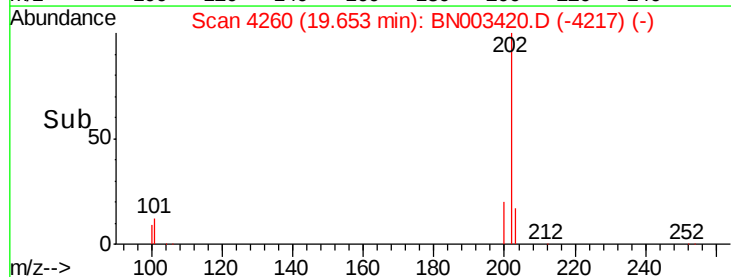
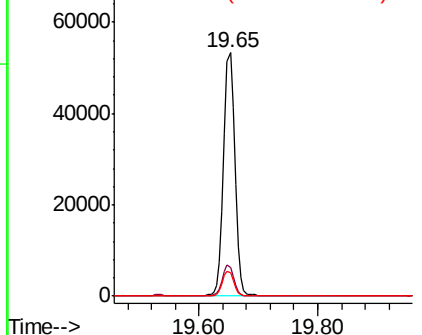


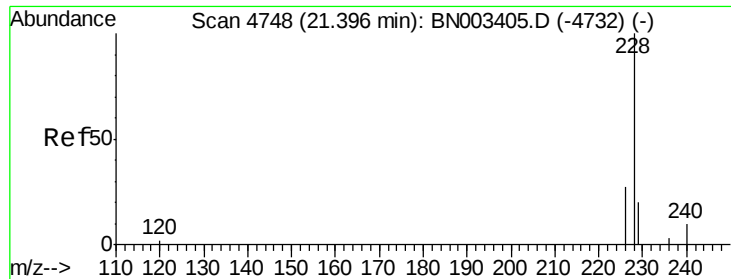
#17
Pyrene
 Concen: 0.505 ng/ul
 RT: 19.65 min Scan# 4260
 Delta R.T. 0.00 min
 Lab File: BN003420.D
 Acq: 03 Nov 2018 01:08

Tgt Ion:202 Resp: 70347
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.5 14.3
 100 9.4 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: 0.480 ng/ul

RT: 21.39 min Scan# 4748

Delta R.T. -0.00 min

Lab File: BN003420.D

Acq: 03 Nov 2018 01:08

Instrument :

BNA_N

ClientSampleId :

SSTD0.436

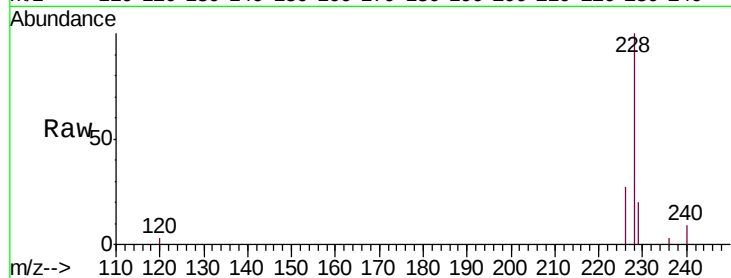
Tgt Ion:228 Resp: 57589

Ion Ratio Lower Upper

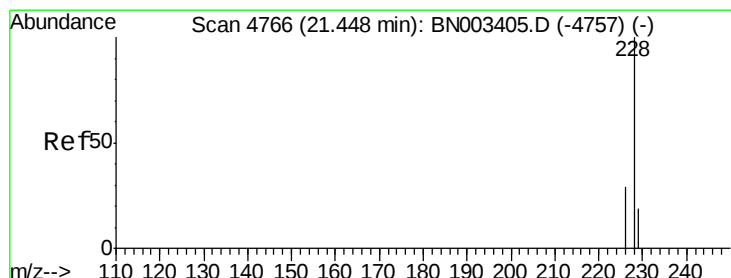
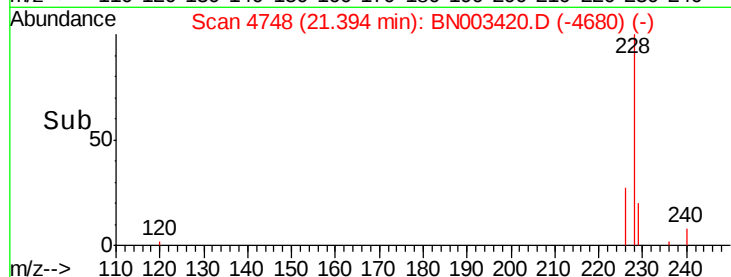
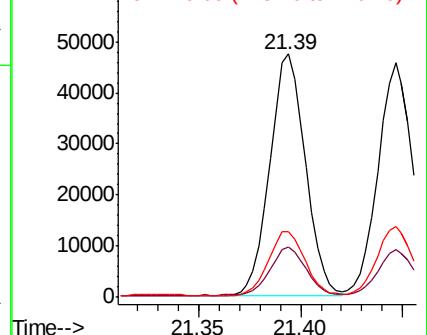
228 100

229 20.5 15.5 23.3

226 27.2 21.5 32.3



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: 0.392 ng/ul

RT: 21.45 min Scan# 4766

Delta R.T. -0.00 min

Lab File: BN003420.D

Acq: 03 Nov 2018 01:08

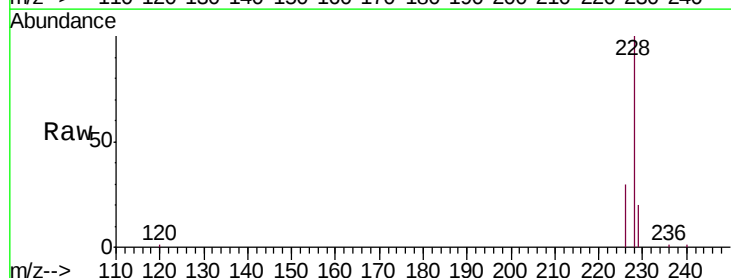
Tgt Ion:228 Resp: 53551

Ion Ratio Lower Upper

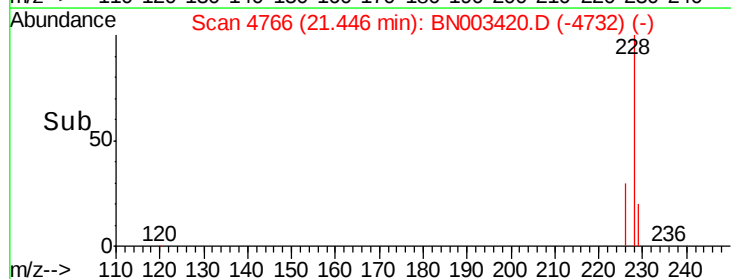
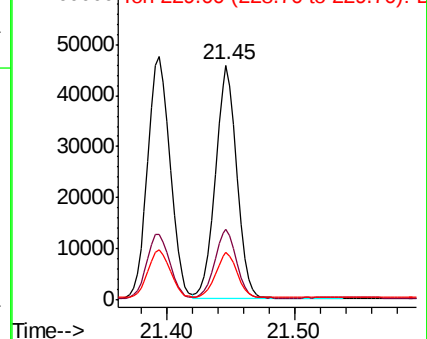
228 100

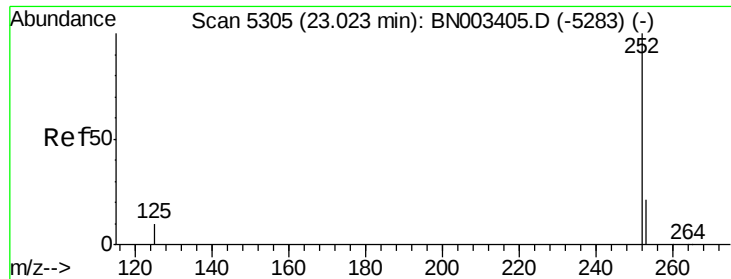
226 30.3 23.8 35.6

229 20.3 15.5 23.3



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: 0.349 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. -0.00 min

Lab File: BN003420.D

Acq: 03 Nov 2018 01:08

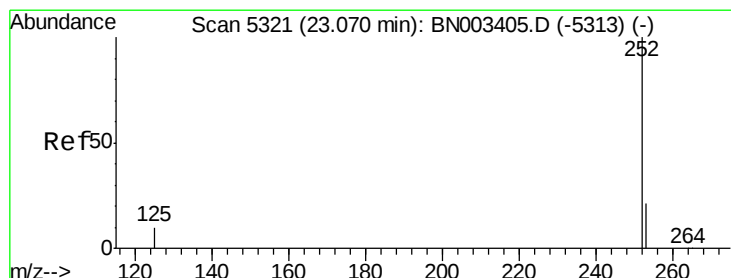
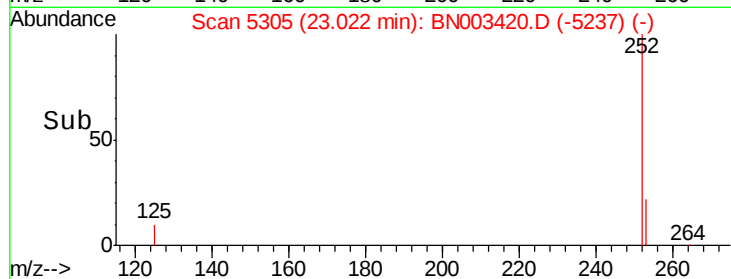
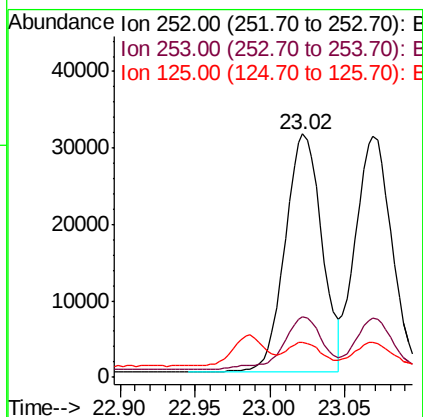
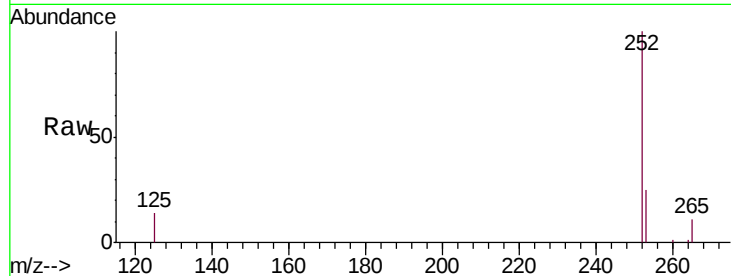
Instrument :

BNA_N

ClientSampleId :

SSTD0.436

Tgt Ion:	252	Resp:	53266
Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	45.6
125	14.3	0.0	21.8



#22

Benzo(k)fluoranthene

Concen: 0.352 ng/ul

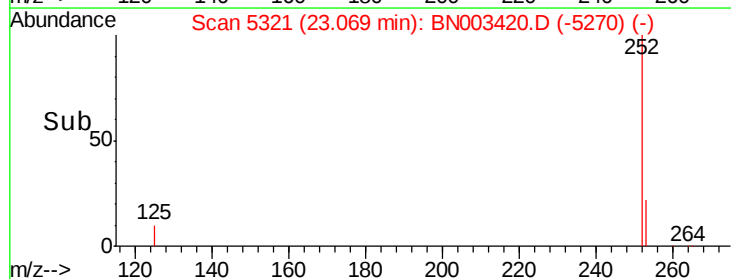
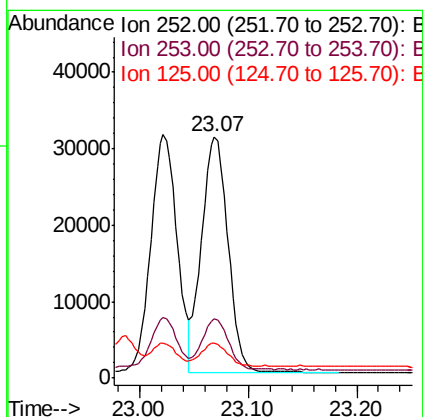
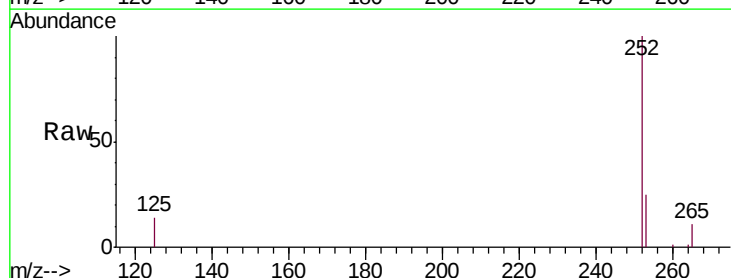
RT: 23.07 min Scan# 5321

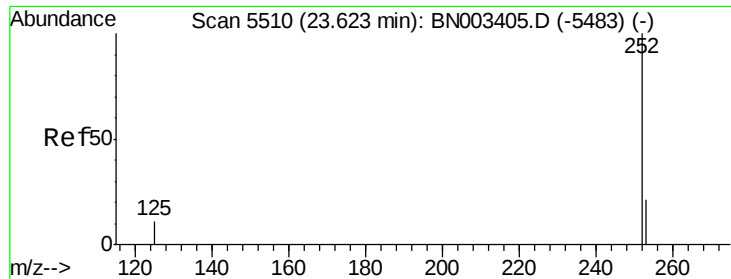
Delta R.T. -0.00 min

Lab File: BN003420.D

Acq: 03 Nov 2018 01:08

Tgt Ion:	252	Resp:	51996
Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.4
125	14.4	8.6	13.0#





#23

Benzo(a)pyrene

Concen: 0.394 ng/ul

RT: 23.62 min Scan# 5511

Delta R.T. 0.00 min

Lab File: BN003420.D

Acq: 03 Nov 2018 01:08

Instrument :

BNA_N

ClientSampleId :

SSTD0.436

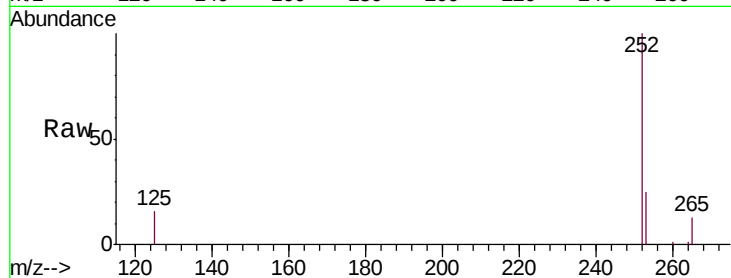
Tgt Ion:252 Resp: 50194

Ion Ratio Lower Upper

252 100

253 25.0 18.5 27.7

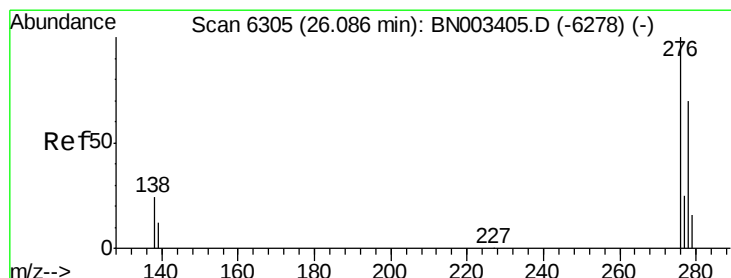
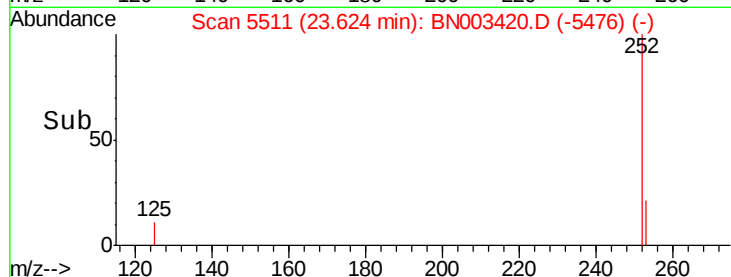
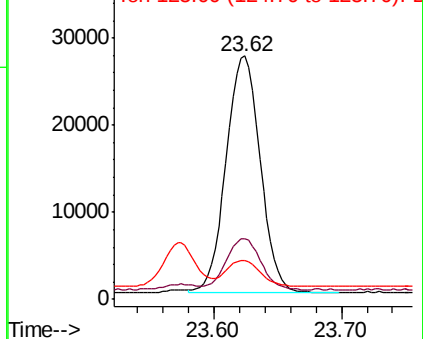
125 15.9 9.9 14.9#



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: 0.450 ng/ul

RT: 26.08 min Scan# 6304

Delta R.T. -0.00 min

Lab File: BN003420.D

Acq: 03 Nov 2018 01:08

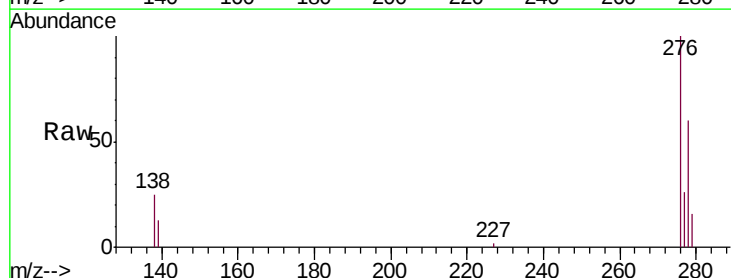
Tgt Ion:276 Resp: 61354

Ion Ratio Lower Upper

276 100

138 24.7 19.8 29.8

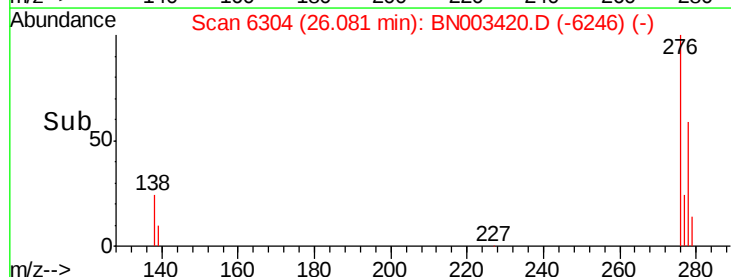
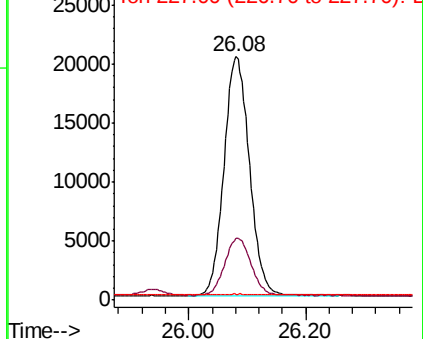
227 0.2 0.2 0.2#

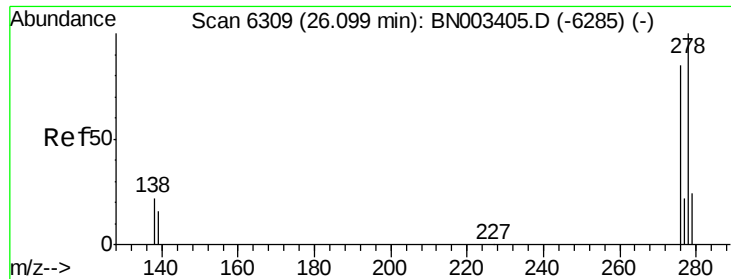


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

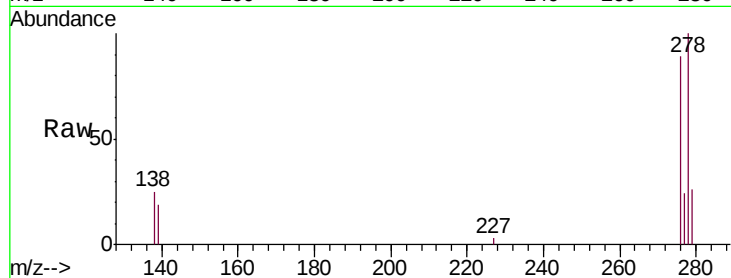




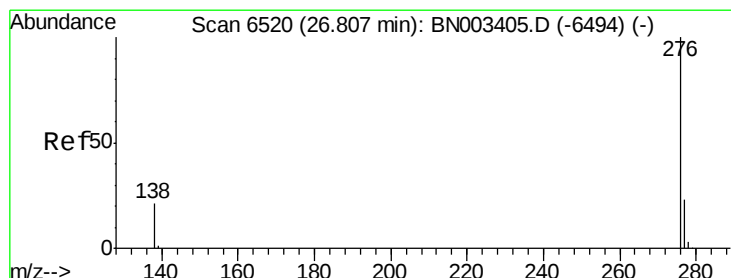
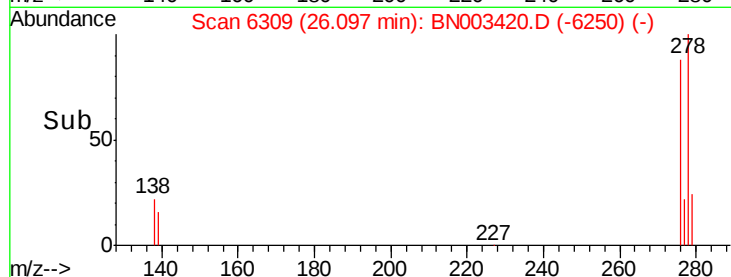
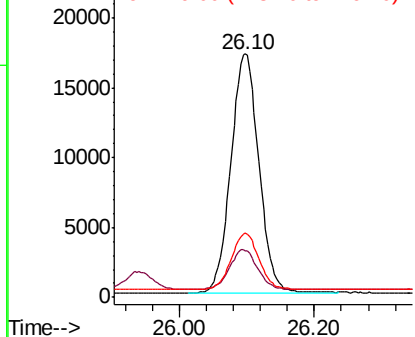
#25
Dibenzo(a,h)anthracene
Concen: 0.447 ng/ul
RT: 26.10 min Scan# 6309
Delta R.T. -0.00 min
Lab File: BN003420.D
Acq: 03 Nov 2018 01:08

Instrument :
BNA_N
ClientSampleId :
SSTD0.436

Tgt Ion: 278 Resp: 49652
Ion Ratio Lower Upper
278 100
139 19.2 13.1 19.7
279 26.5 19.5 29.3

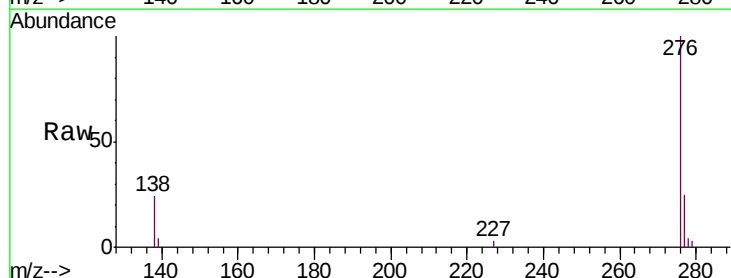


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.443 ng/ul
RT: 26.81 min Scan# 6521
Delta R.T. 0.00 min
Lab File: BN003420.D
Acq: 03 Nov 2018 01:08

Tgt Ion: 276 Resp: 51782
Ion Ratio Lower Upper
276 100
138 23.5 17.0 25.6
277 25.5 19.2 28.8



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

