

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
 Data File : BN003010.D
 Acq On : 09 Oct 2018 04:42
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 09 08:37:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 09 08:37:03 2018
 Response via : Initial Calibration

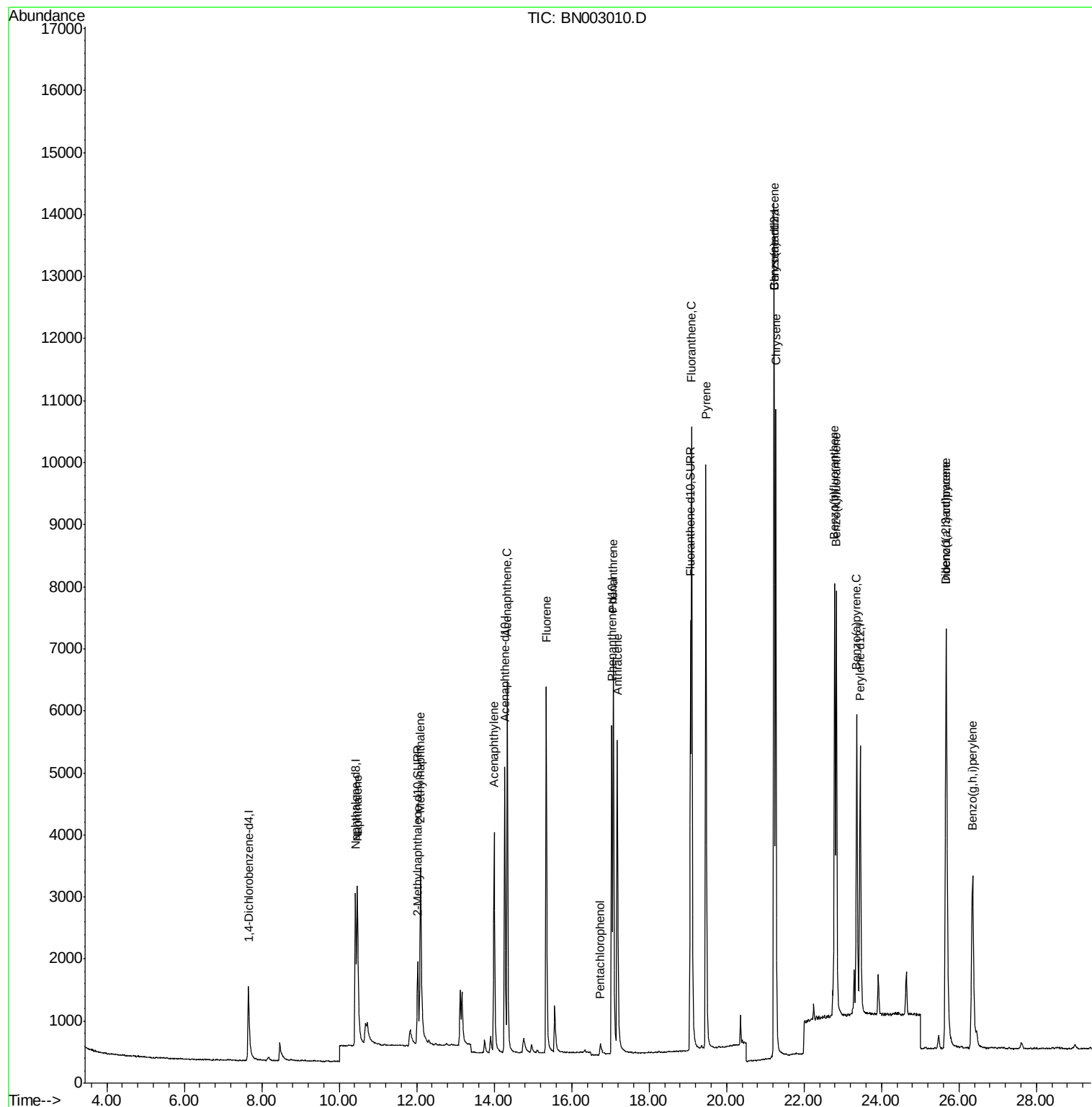
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	1091	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	5110	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	3132	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	7722	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	8246	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	6778	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	3138	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	9246	0.42	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	5228	0.399	ng/ul	99
5) 2-Methylnaphthalene	12.10	142	3585	0.397	ng/ul	100
7) Acenaphthylene	14.00	152	5537	0.386	ng/ul	99
8) Acenaphthene	14.34	153	4295	0.395	ng/ul	98
9) Fluorene	15.34	166	5007	0.402	ng/ul	99
11) Pentachlorophenol	16.74	266	328	0.438	ng/ul	96
12) Phenanthrene	17.08	178	8430	0.392	ng/ul	99
13) Anthracene	17.18	178	7902	0.389	ng/ul	100
15) Fluoranthene	19.10	202	10496	0.416	ng/ul	99
17) Pyrene	19.47	202	10842	0.339	ng/ul	99
18) Benzo(a)anthracene	21.22	228	10228	0.385	ng/ul	100
19) Chrysene	21.27	228	10729	0.398	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	9420	0.386	ng/ul	96
22) Benzo(k)fluoranthene	22.83	252	9978	0.394	ng/ul	94
23) Benzo(a)pyrene	23.36	252	8514	0.389	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.67	276	8737	0.348	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.67	278	7070	0.351	ng/ul	96
26) Benzo(g,h,i)perylene	26.35	276	7345	0.346	ng/ul	97

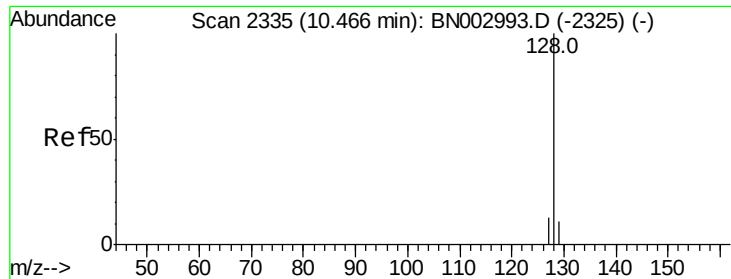
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.399 ng/ul

RT: 10.47 min Scan# 2335

Delta R.T. -0.00 min

Lab File: BN003010.D

Acq: 09 Oct 2018 04:42

Instrument :

BNA_N

ClientSampleId :

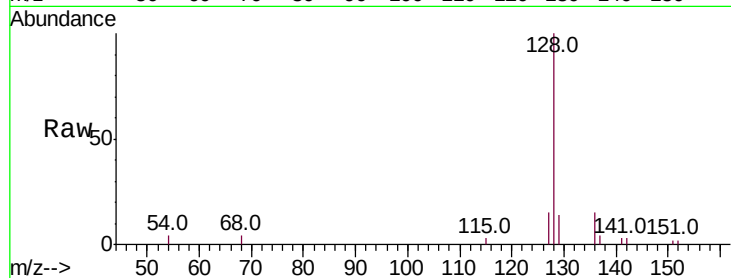
Tot Ion:128 Resp: 5228

Ion Ratio Lower Upper

128 100

129 13.7 10.4 15.6

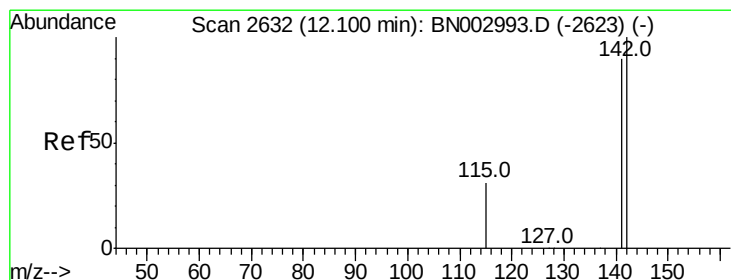
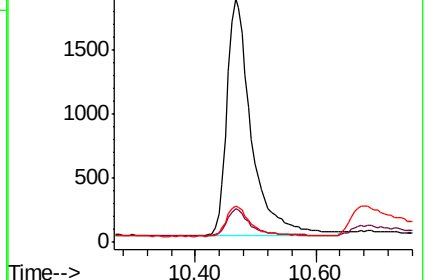
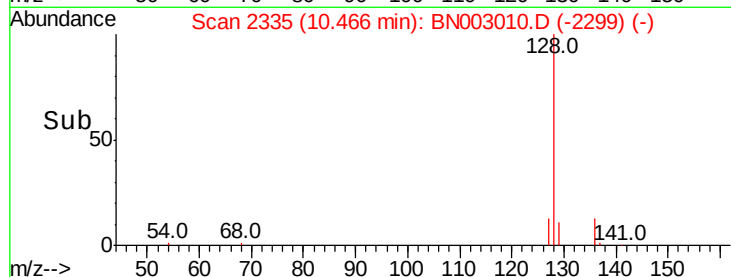
127 14.7 11.7 17.5



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: 0.397 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN003010.D

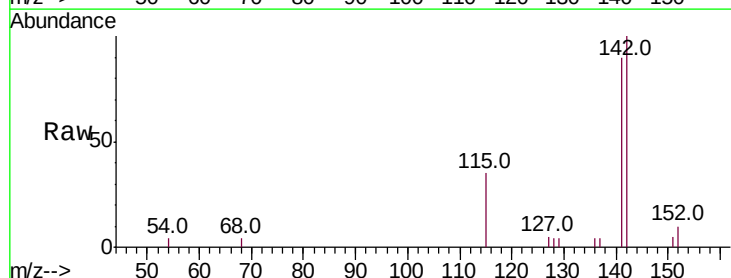
Acq: 09 Oct 2018 04:42

Tgt Ion:142 Resp: 3585

Ion Ratio Lower Upper

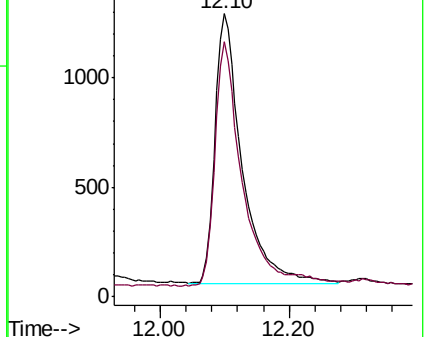
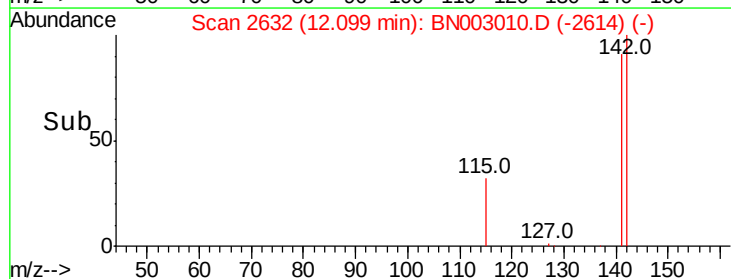
142 100

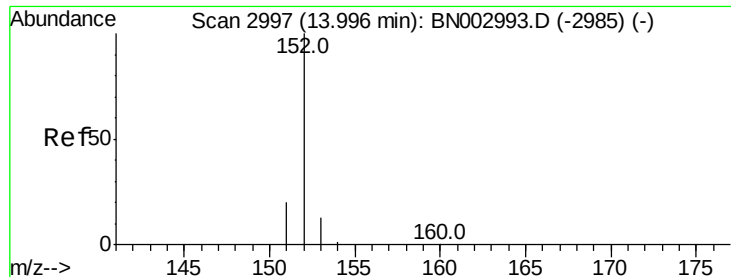
141 92.1 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.386 ng/ul

RT: 14.00 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BN003010.D

Acq: 09 Oct 2018 04:42

Instrument :

BNA_N

ClientSampleId :

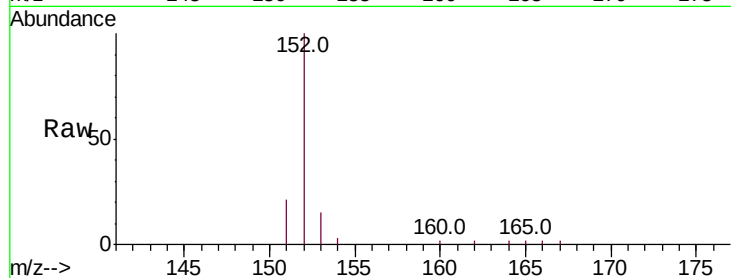
Tot Ion:152 Resp: 5537

Ion Ratio Lower Upper

152 100

151 21.4 16.5 24.7

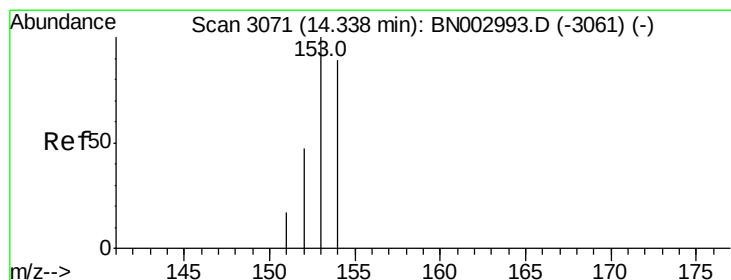
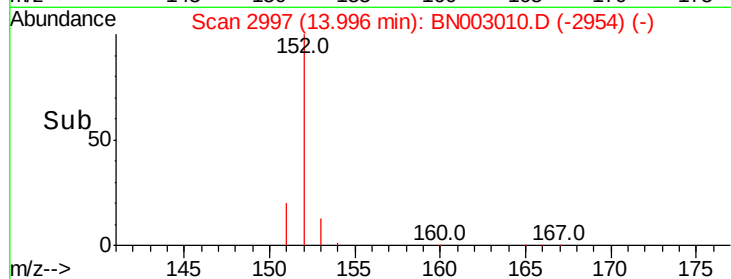
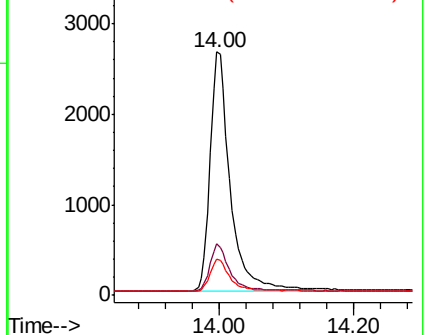
153 14.8 11.4 17.2



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: 0.395 ng/ul

RT: 14.34 min Scan# 3071

Delta R.T. -0.00 min

Lab File: BN003010.D

Acq: 09 Oct 2018 04:42

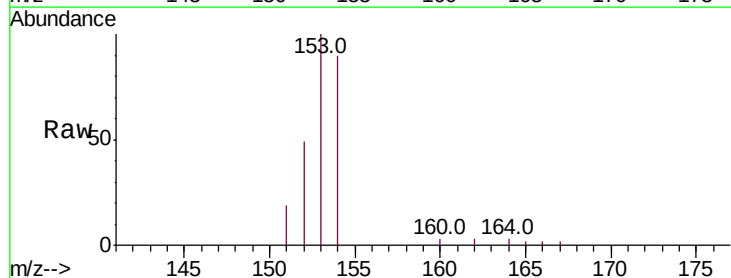
Tgt Ion:153 Resp: 4295

Ion Ratio Lower Upper

153 100

152 48.9 38.2 57.4

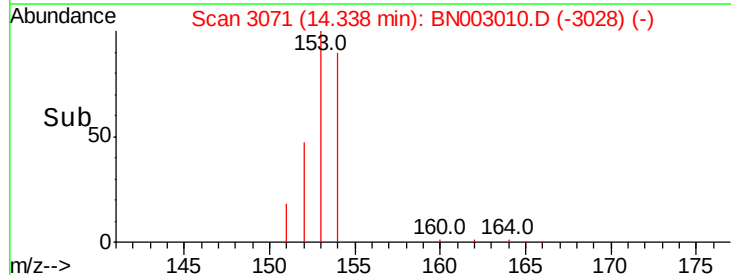
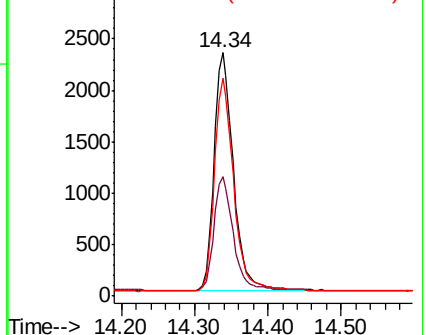
154 89.6 70.2 105.2

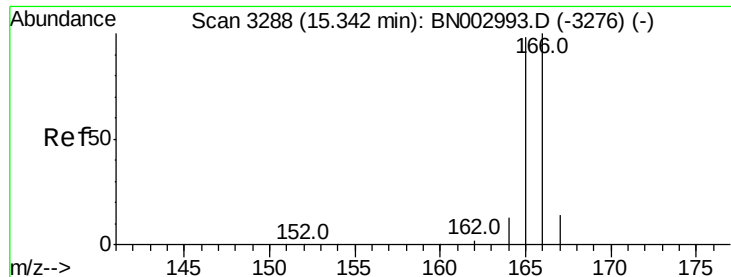


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

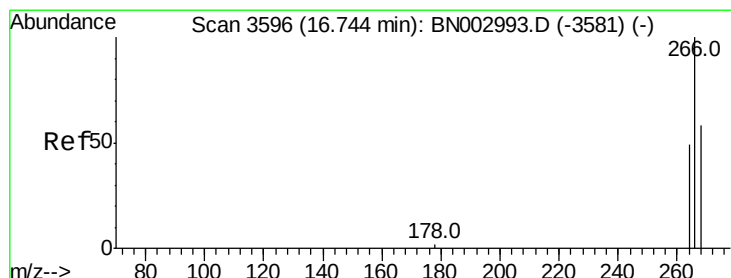
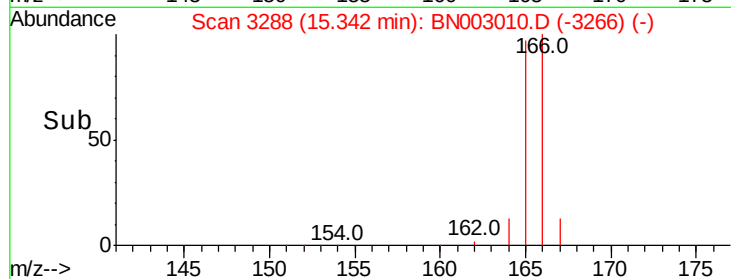
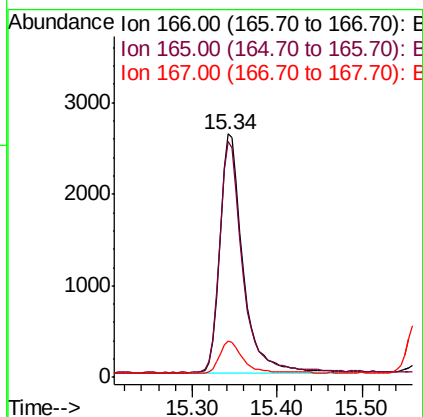
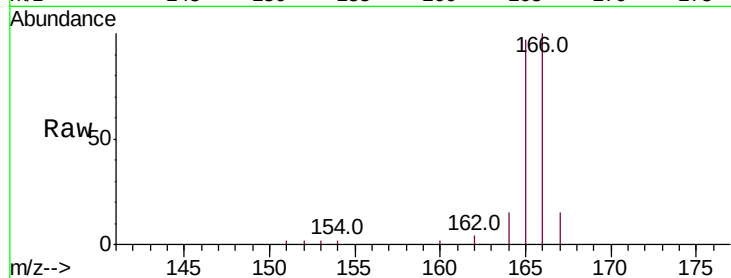




#9
Fluorene
 Concen: 0.402 ng/ul
 RT: 15.34 min Scan# 3288
 Delta R.T. -0.00 min
 Lab File: BN003010.D
 Acq: 09 Oct 2018 04:42

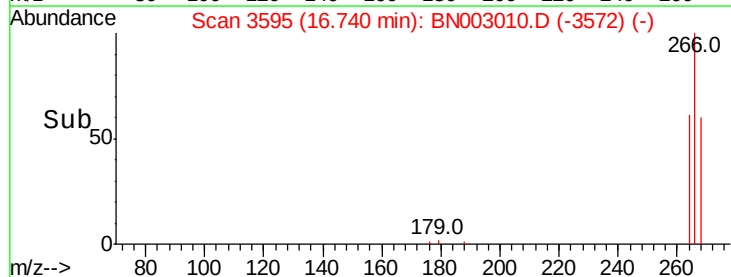
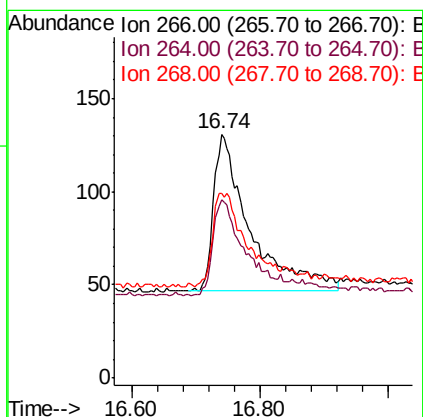
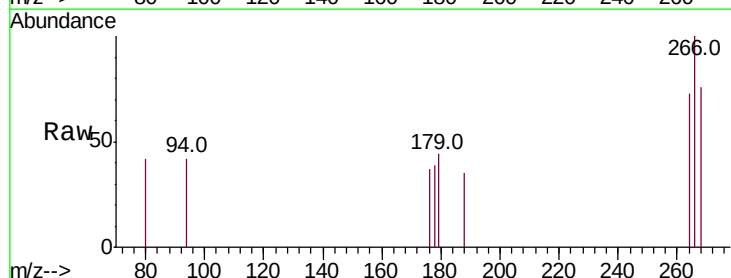
Instrument :
 BNA_N
 ClientSampleId :

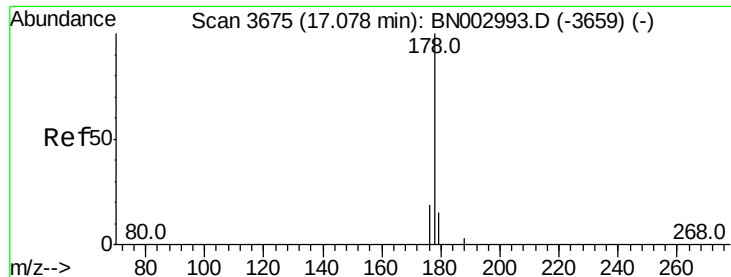
Tot Ion:166 Resp: 5007
 Ion Ratio Lower Upper
 166 100
 165 97.0 78.5 117.7
 167 14.9 11.6 17.4



#11
Pentachlorophenol
 Concen: 0.438 ng/ul
 RT: 16.74 min Scan# 3595
 Delta R.T. -0.00 min
 Lab File: BN003010.D
 Acq: 09 Oct 2018 04:42

Tgt Ion:266 Resp: 328
 Ion Ratio Lower Upper
 266 100
 264 67.1 52.5 78.7
 268 56.1 48.6 72.8





#12

Phenanthrene

Concen: 0.392 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BN003010.D

Acq: 09 Oct 2018 04:42

Instrument :

BNA_N

ClientSampleId :

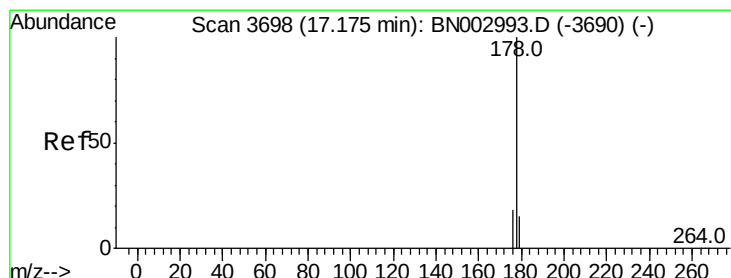
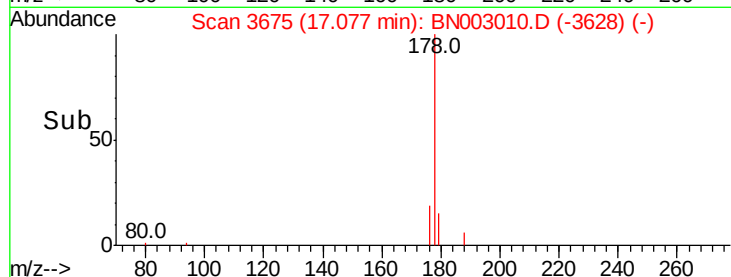
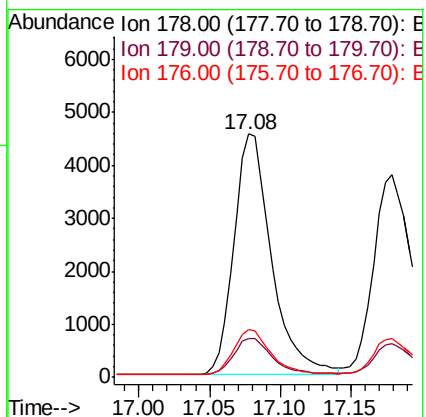
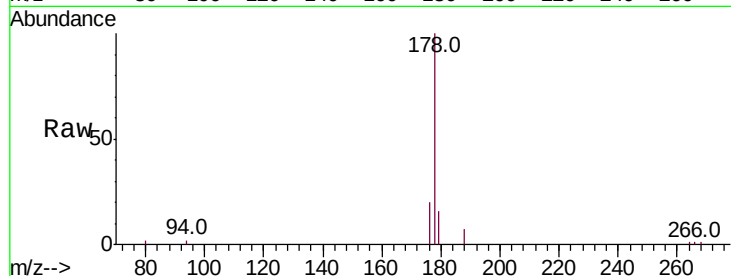
Tot Ion:178 Resp: 8430

Ion Ratio Lower Upper

178 100

179 16.0 12.9 19.3

176 19.7 15.4 23.2



#13

Anthracene

Concen: 0.389 ng/ul

RT: 17.18 min Scan# 3699

Delta R.T. 0.00 min

Lab File: BN003010.D

Acq: 09 Oct 2018 04:42

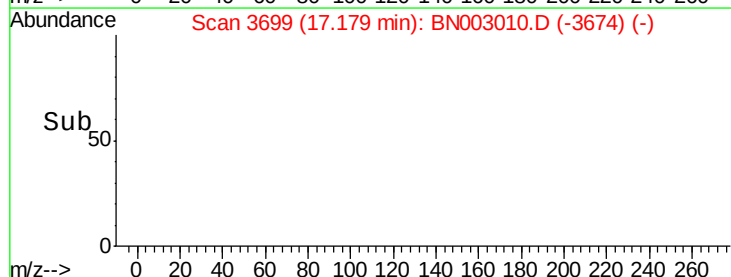
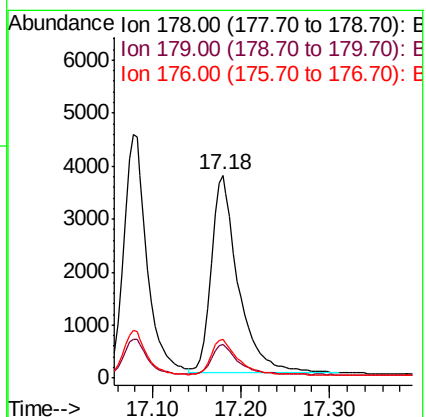
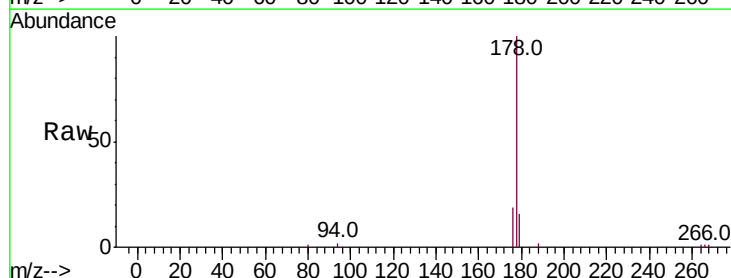
Tgt Ion:178 Resp: 7902

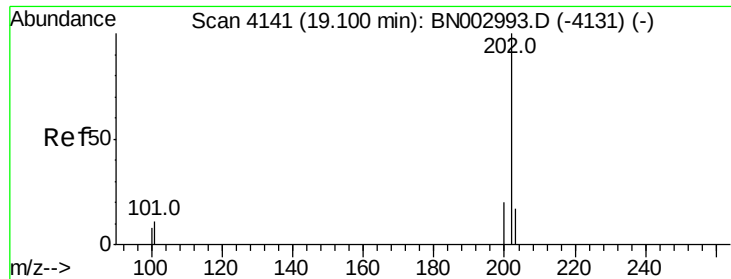
Ion Ratio Lower Upper

178 100

179 16.4 13.0 19.6

176 19.4 15.3 22.9

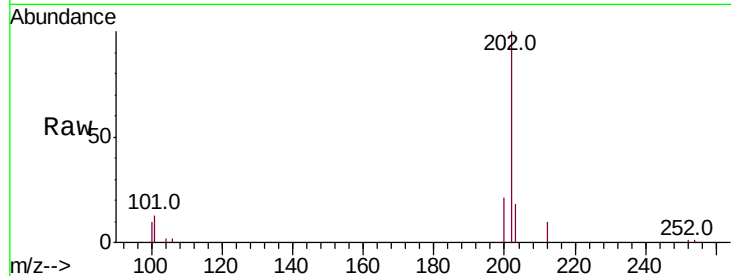




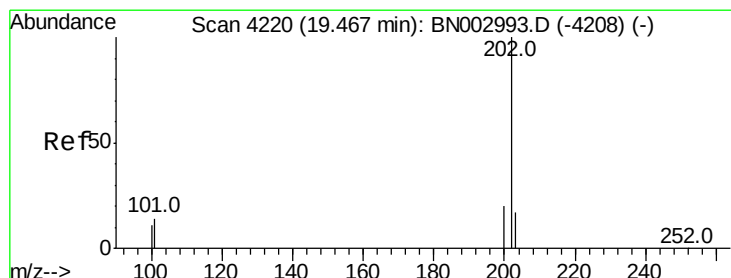
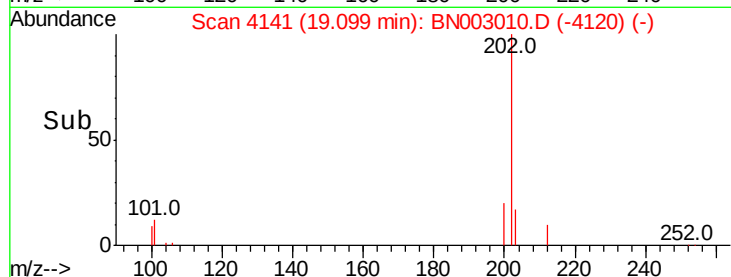
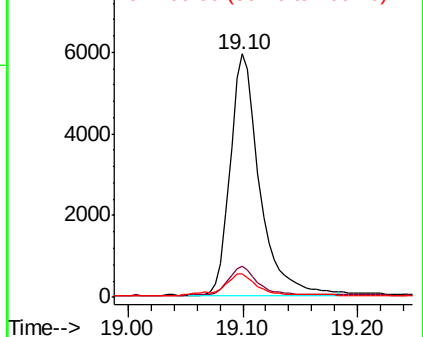
#15
Fluoranthene
Concen: 0.416 ng/ul
RT: 19.10 min Scan# 4141
Delta R.T. -0.00 min
Lab File: BN003010.D
Acq: 09 Oct 2018 04:42

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 10496
Ion Ratio Lower Upper
202 100
101 12.7 0.0 32.3
100 9.7 0.0 29.1

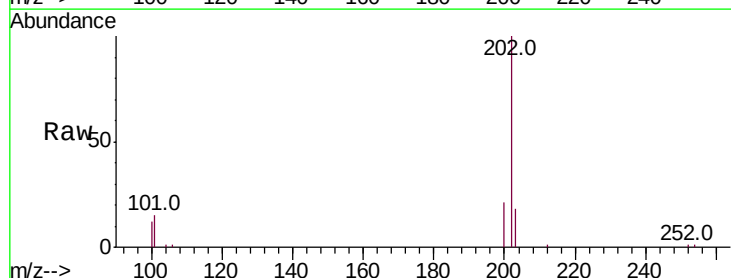


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

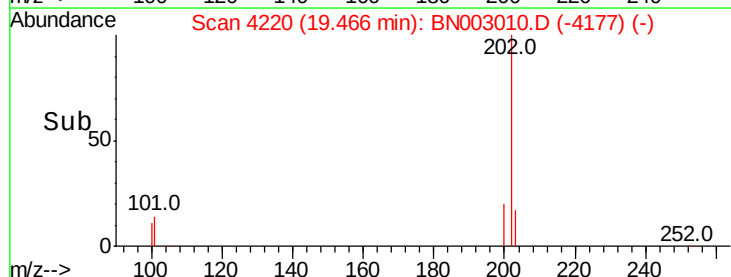
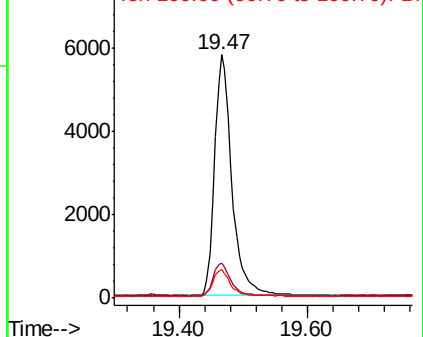


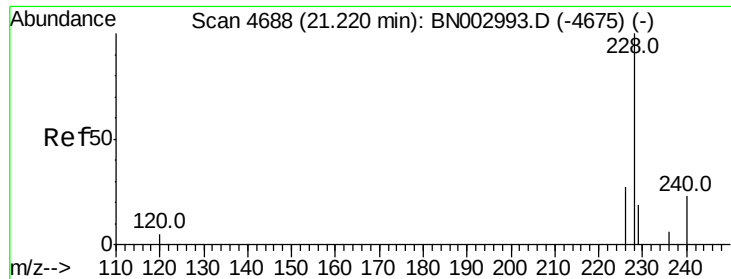
#17
Pyrene
Concen: 0.339 ng/ul
RT: 19.47 min Scan# 4220
Delta R.T. -0.00 min
Lab File: BN003010.D
Acq: 09 Oct 2018 04:42

Tgt Ion:202 Resp: 10842
Ion Ratio Lower Upper
202 100
101 14.6 11.9 17.9
100 11.8 9.9 14.9



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: 0.385 ng/ul

RT: 21.22 min Scan# 4689

Delta R.T. 0.00 min

Lab File: BN003010.D

Acq: 09 Oct 2018 04:42

Instrument :

BNA_N

ClientSampleId :

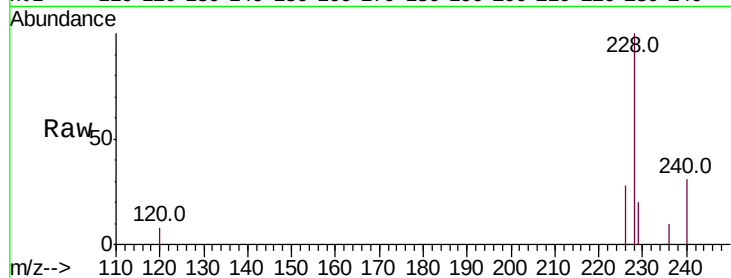
Tot Ion:228 Resp: 10228

Ion Ratio Lower Upper

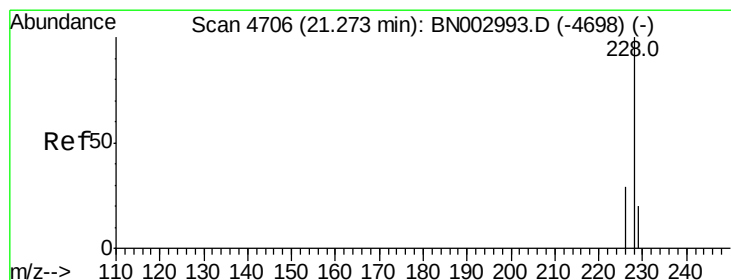
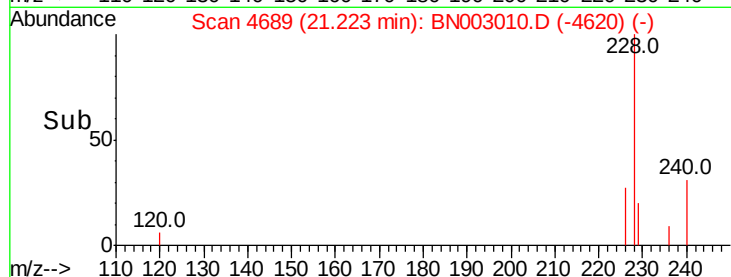
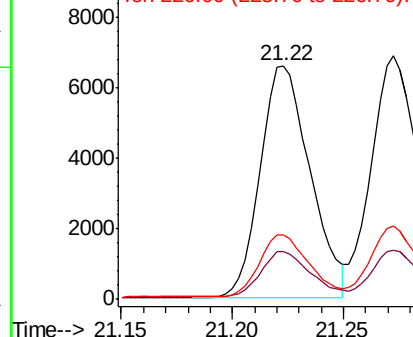
228 100

229 20.4 16.2 24.2

226 27.6 22.3 33.5



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: 0.398 ng/ul

RT: 21.27 min Scan# 4706

Delta R.T. -0.00 min

Lab File: BN003010.D

Acq: 09 Oct 2018 04:42

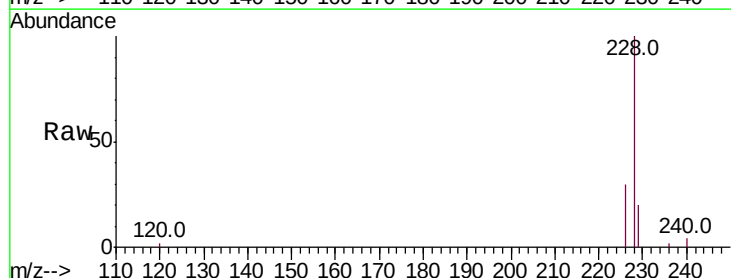
Tgt Ion:228 Resp: 10729

Ion Ratio Lower Upper

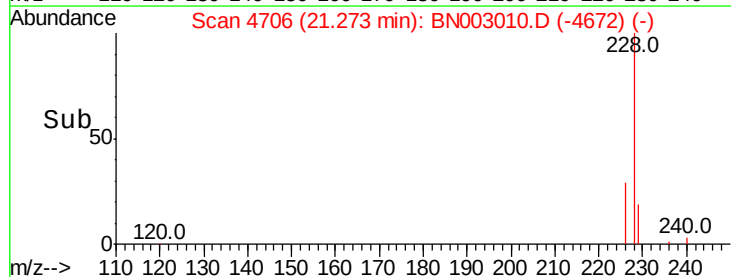
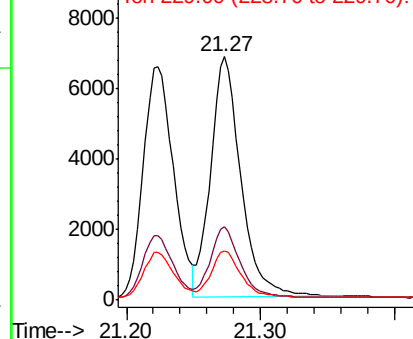
228 100

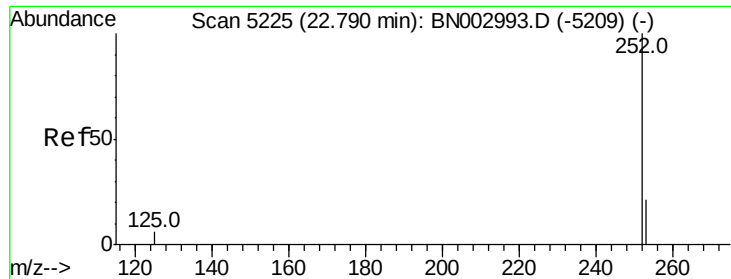
226 30.1 24.2 36.4

229 20.1 16.7 25.1



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: 0.386 ng/ul

RT: 22.79 min Scan# 5225

Delta R.T. -0.00 min

Lab File: BN003010.D

Acq: 09 Oct 2018 04:42

Instrument :

BNA_N

ClientSampleId :

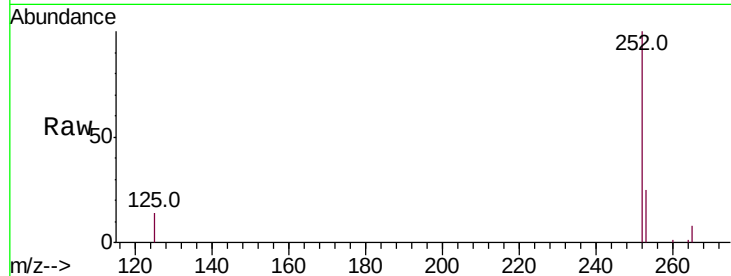
Tot Ion:252 Resp: 9420

Ion Ratio Lower Upper

252 100

253 25.0 0.0 53.2

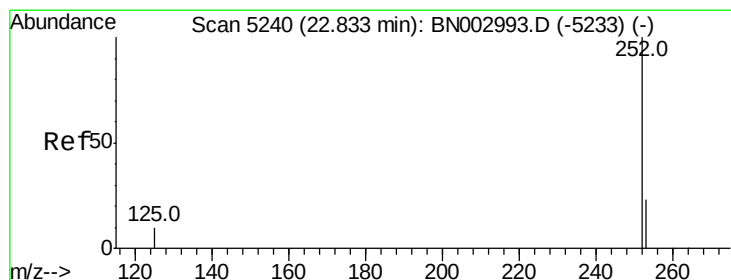
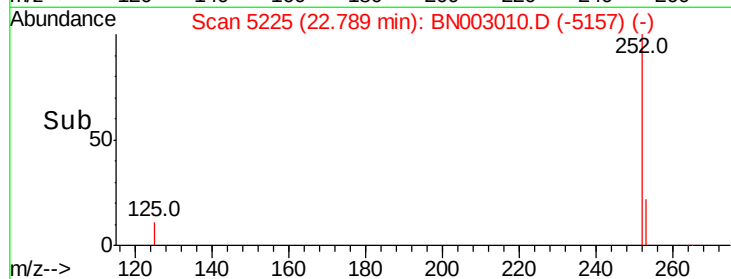
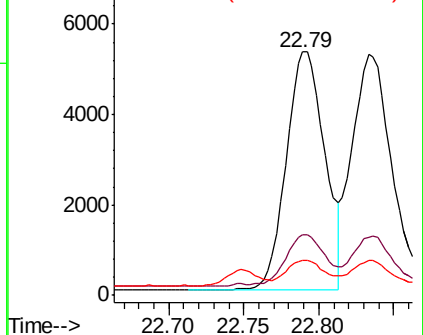
125 14.3 0.0 34.2



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: 0.394 ng/ul

RT: 22.83 min Scan# 5240

Delta R.T. -0.00 min

Lab File: BN003010.D

Acq: 09 Oct 2018 04:42

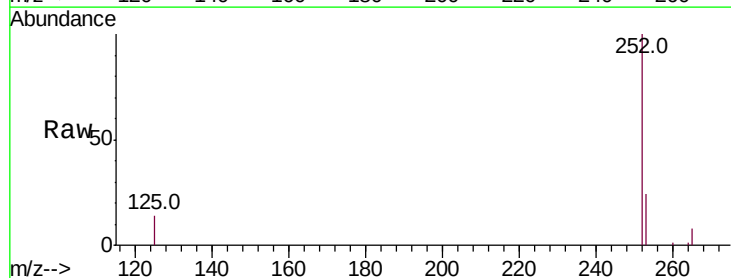
Tgt Ion:252 Resp: 9978

Ion Ratio Lower Upper

252 100

253 24.4 21.3 31.9

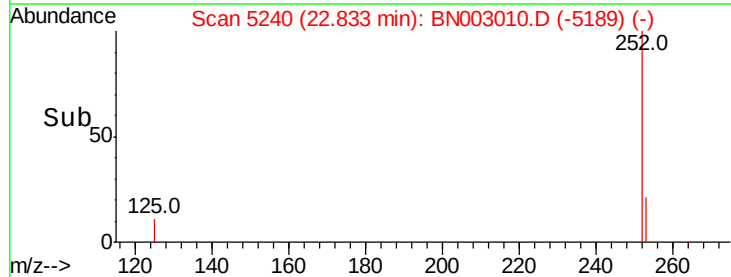
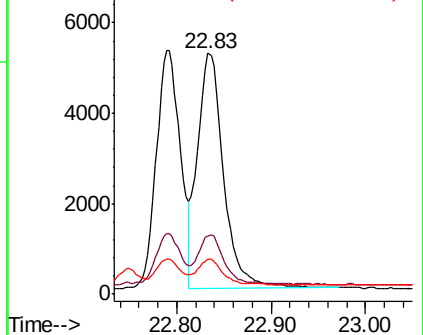
125 14.3 14.1 21.1

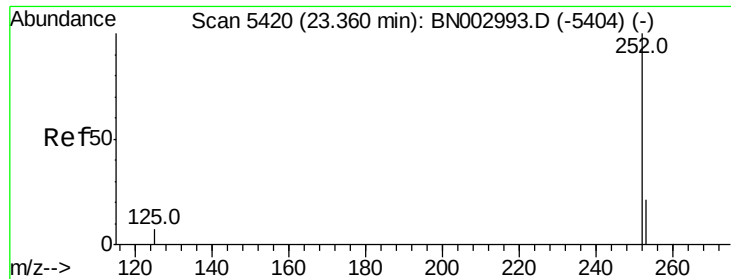


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

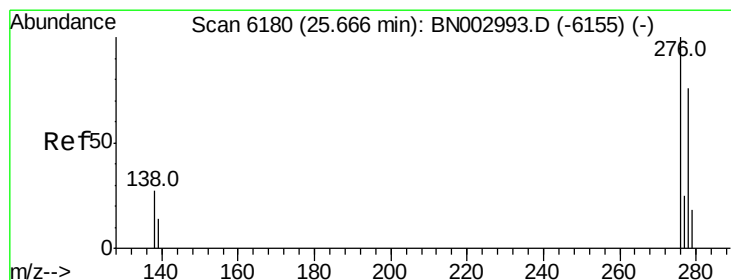
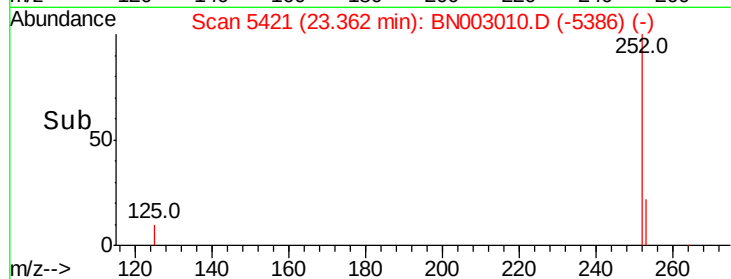
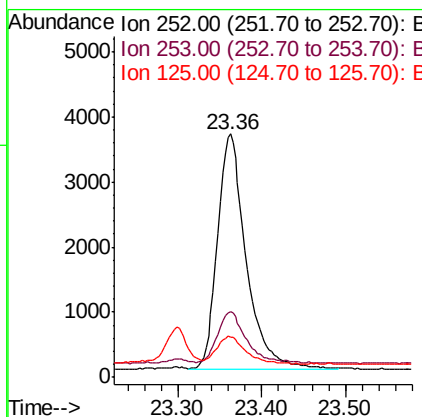
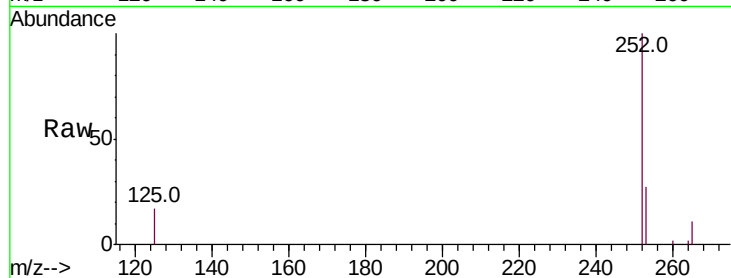




#23
Benzo(a)pyrene
Concen: 0.389 ng/ul
RT: 23.36 min Scan# 5421
Delta R.T. 0.00 min
Lab File: BN003010.D
Acq: 09 Oct 2018 04:42

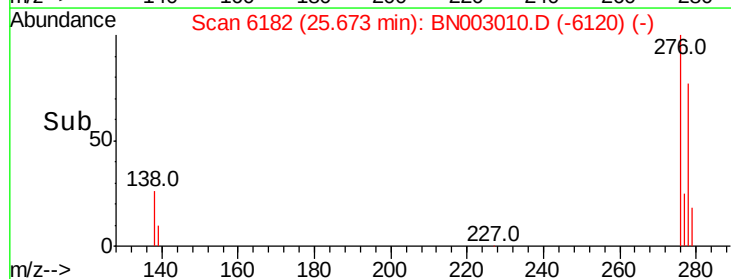
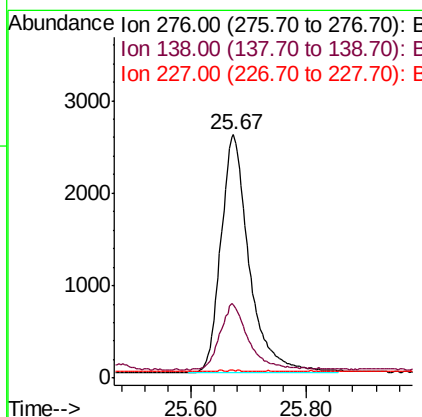
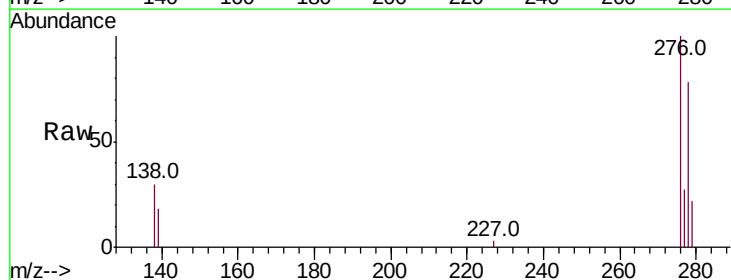
Instrument :
BNA_N
ClientSampleId :

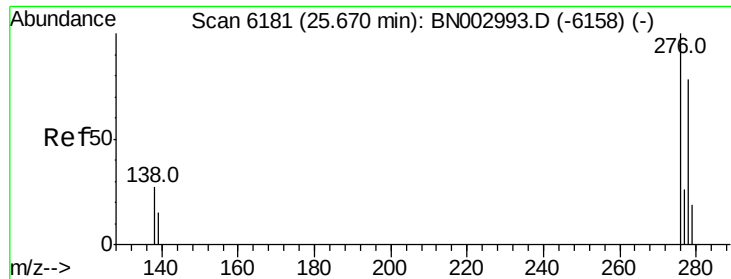
Tot Ion:252 Resp: 8514
Ion Ratio Lower Upper
252 100
253 27.2 23.1 34.7
125 16.7 16.9 25.3#



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.348 ng/ul
RT: 25.67 min Scan# 6182
Delta R.T. 0.01 min
Lab File: BN003010.D
Acq: 09 Oct 2018 04:42

Tgt Ion:276 Resp: 8737
Ion Ratio Lower Upper
276 100
138 27.5 21.5 32.3
227 0.1 0.3 0.5#





#25

Dibenzo(a,h)anthracene

Concen: 0.351 ng/ul

RT: 25.67 min Scan# 6182

Delta R.T. 0.00 min

Lab File: BN003010.D

Acq: 09 Oct 2018 04:42

Instrument :

BNA_N

ClientSampled :

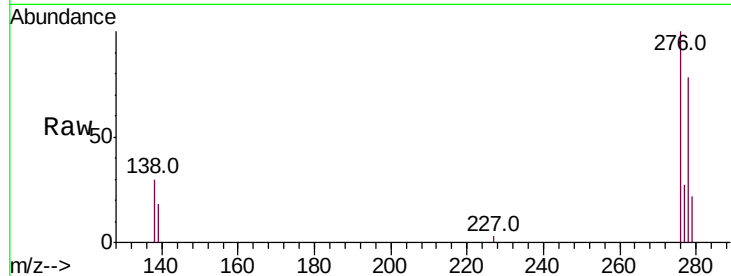
Tot Ion:278 Resp: 7070

Ion Ratio Lower Upper

278 100

139 23.6 20.2 30.4

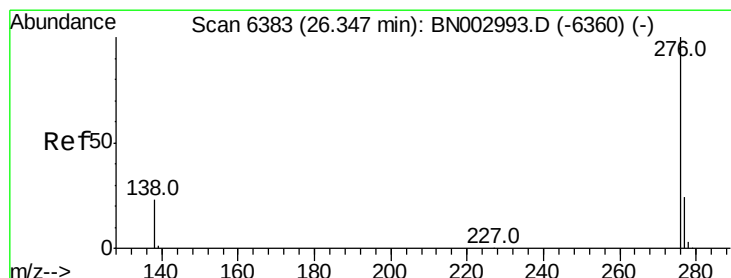
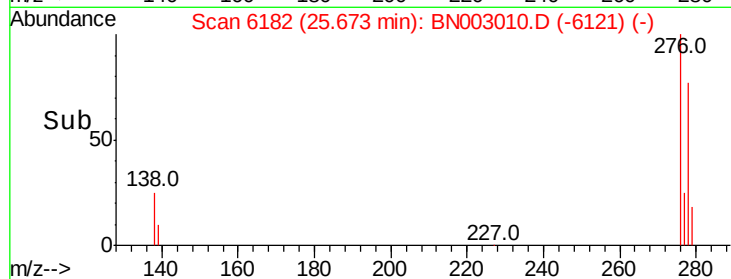
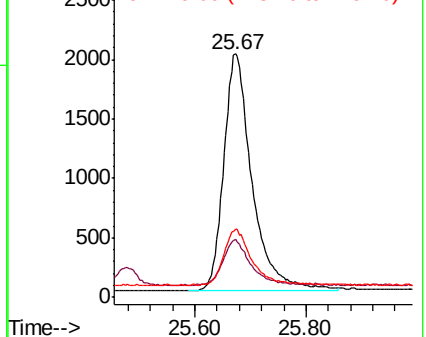
279 27.8 23.8 35.8



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: 0.346 ng/ul

RT: 26.35 min Scan# 6384

Delta R.T. 0.00 min

Lab File: BN003010.D

Acq: 09 Oct 2018 04:42

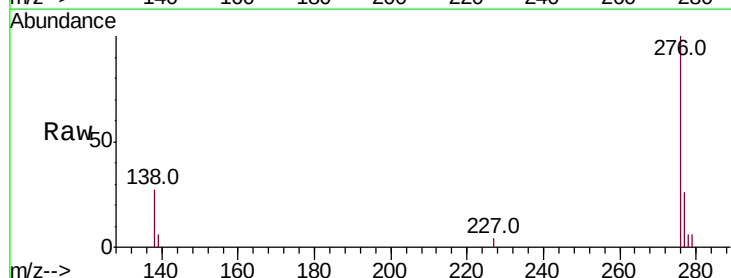
Tgt Ion:276 Resp: 7345

Ion Ratio Lower Upper

276 100

138 27.2 23.0 34.4

277 25.7 22.0 33.0



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

