

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003124.D
 Acq On : 12 Oct 2018 03:39
 Operator : MJ/SJ
 Sample : J5230-14DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 07:31:57 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 : Fri Oct 12 07:27:48 2018
 Response via : Initial Calibration

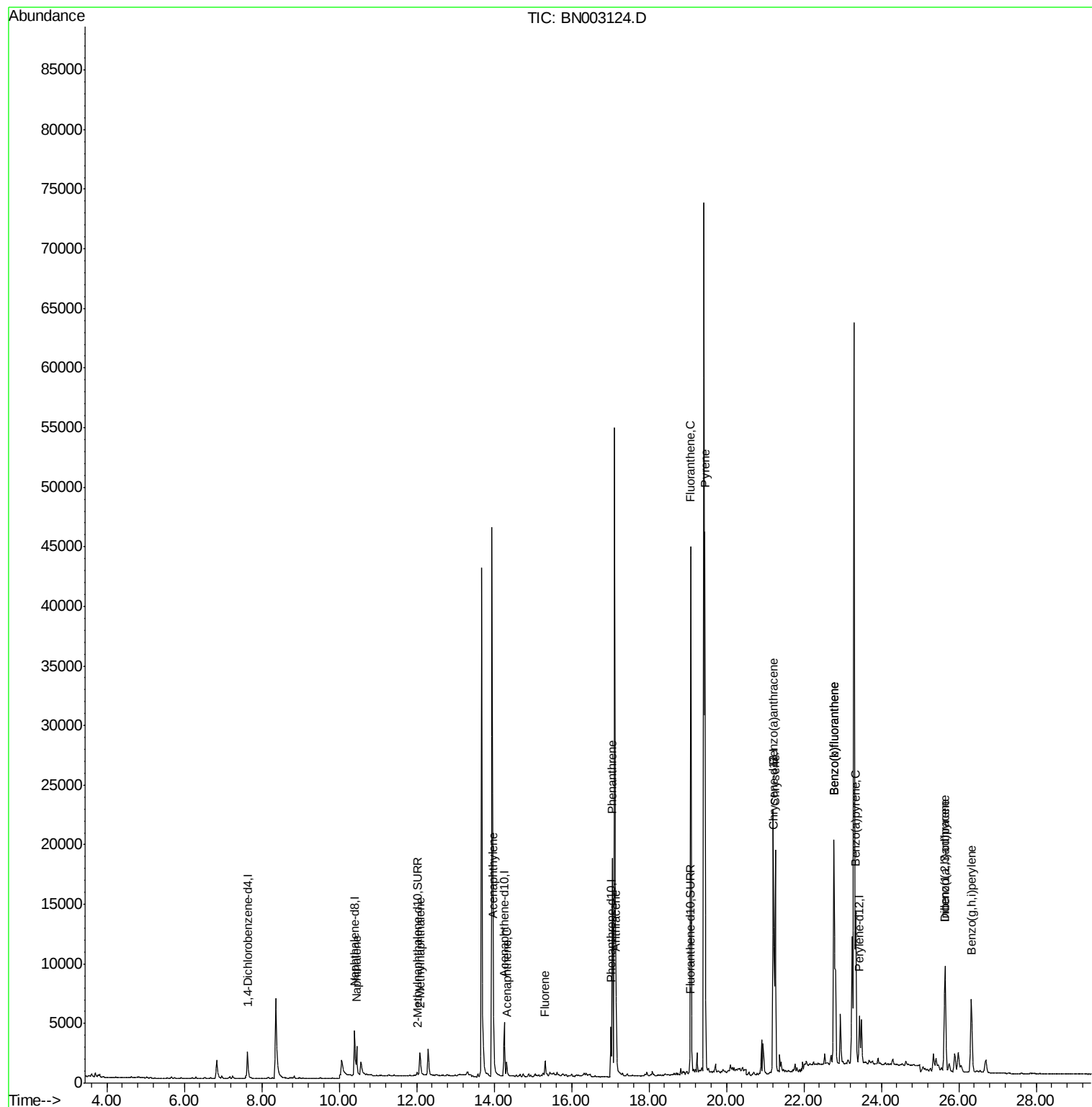
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1508	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	5586	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	2595	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	5100	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	4922	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5253	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	545	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	1048	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	3731	0.260	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	2230	0.226	ng/ul	96
7) Acenaphthylene	13.98	152	5107	0.430	ng/ul	98
8) Acenaphthene	14.32	153	774	0.086	ng/ul	96
9) Fluorene	15.32	166	959	0.093	ng/ul#	95
12) Phenanthrene	17.06	178	20329	1.430	ng/ul	99
13) Anthracene	17.15	178	6456	0.481	ng/ul	98
15) Fluoranthene	19.08	202	39838	2.389	ng/ul	99
17) Pyrene	19.45	202	38019	1.989	ng/ul	97
18) Benzo(a)anthracene	21.21	228	18609	1.175	ng/ul	99
19) Chrysene	21.26	228	19605	1.219	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	39271	2.076	ng/ul	94
22) Benzo(k)fluoranthene	22.78	252	39278	2.003	ng/ul	94
23) Benzo(a)pyrene	23.34	252	17646	1.041	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.65	276	13569	0.696	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.65	278	3592	0.230	ng/ul#	88
26) Benzo(a,h,i)perylene	26.32	276	12278	0.747	ng/ul	96

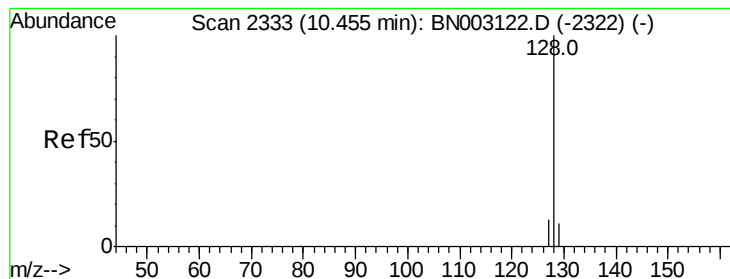
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.260 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

Instrument :

BNA_N

ClientSampleId :

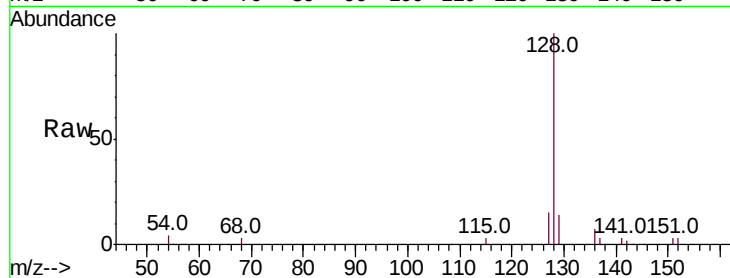
Tot Ion:128 Resp: 3731

Ion Ratio Lower Upper

128 100

129 13.6 10.4 15.6

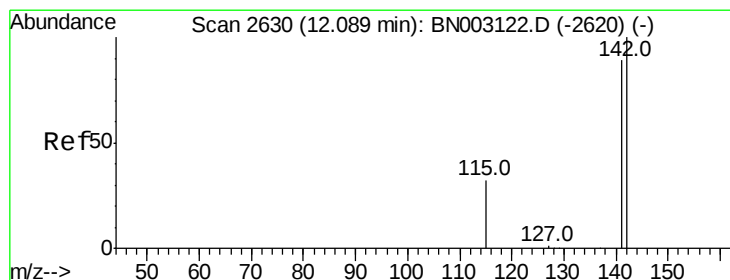
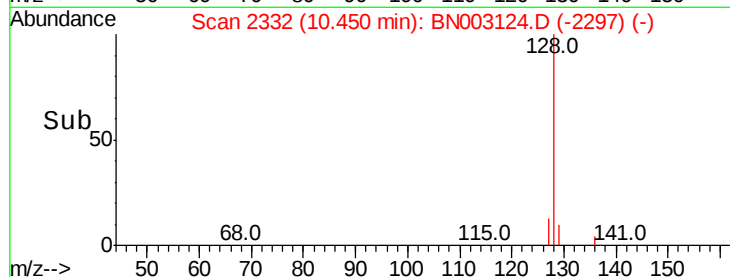
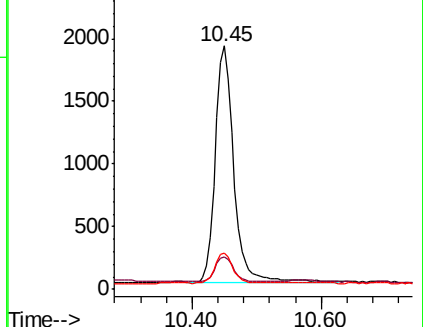
127 14.9 11.7 17.5



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: 0.226 ng/ul

RT: 12.08 min Scan# 2629

Delta R.T. -0.01 min

Lab File: BN003124.D

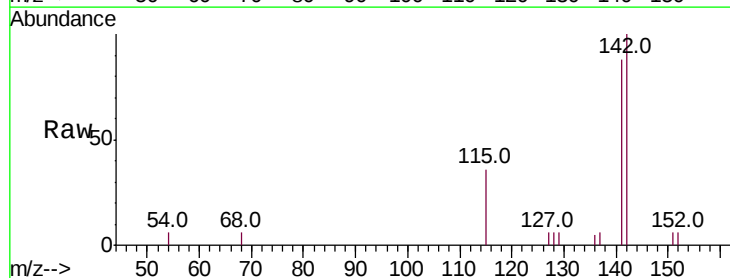
Acq: 12 Oct 2018 03:39

Tgt Ion:142 Resp: 2230

Ion Ratio Lower Upper

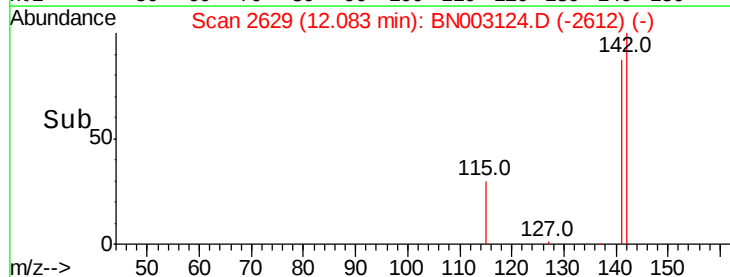
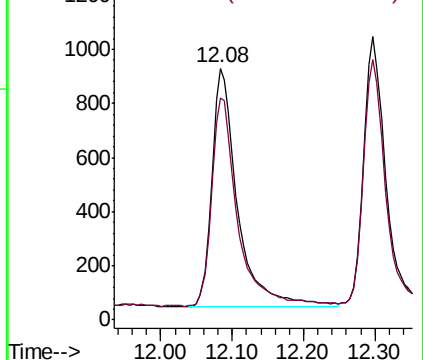
142 100

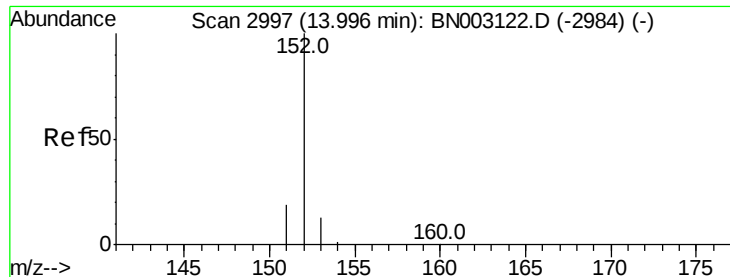
141 88.3 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.430 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

Instrument :

BNA_N

ClientSampleId :

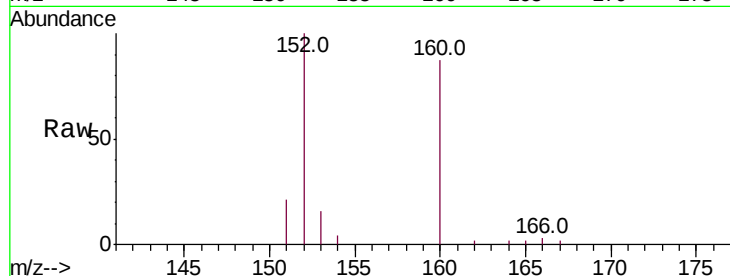
Tot Ion:152 Resp: 5107

Ion Ratio Lower Upper

152 100

151 21.3 16.5 24.7

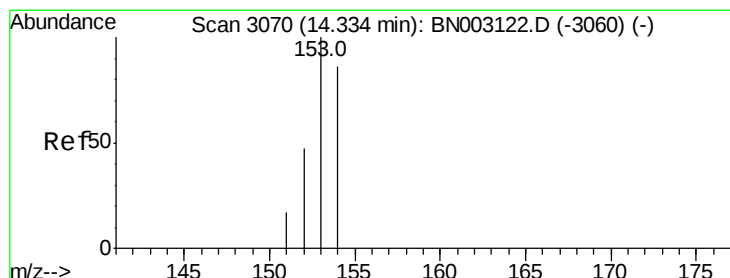
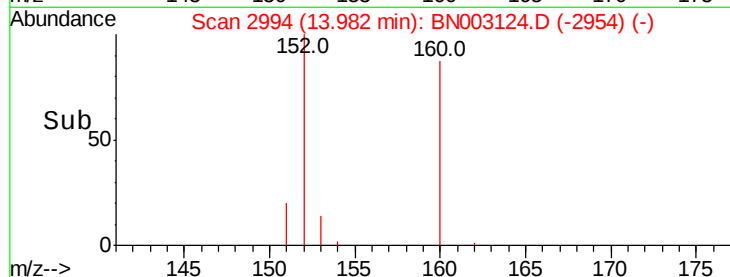
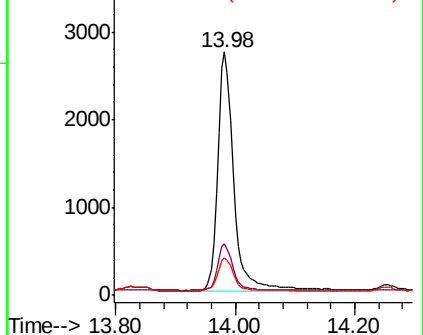
153 15.5 11.4 17.2



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: 0.086 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

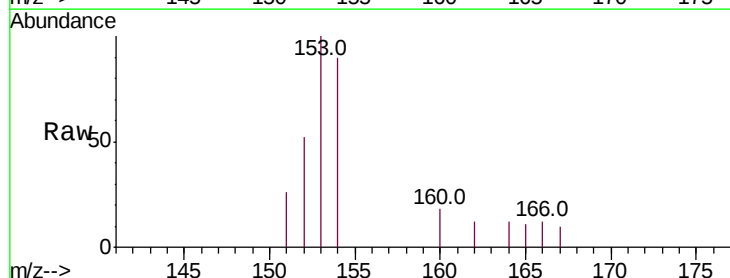
Tgt Ion:153 Resp: 774

Ion Ratio Lower Upper

153 100

152 52.4 38.2 57.4

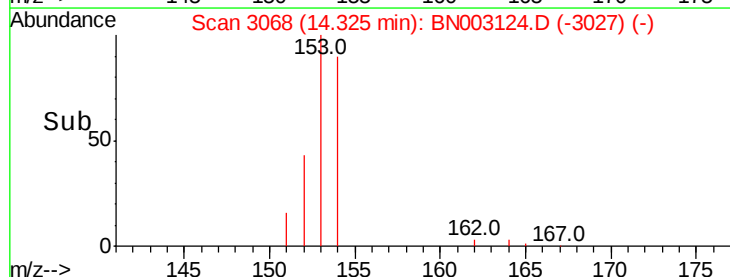
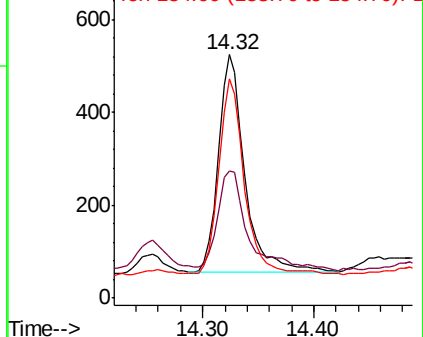
154 90.3 70.2 105.2

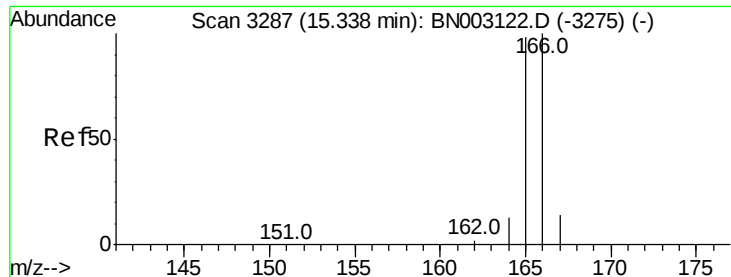


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.093 ng/ul

RT: 15.32 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

Instrument :

BNA_N

ClientSampleId :

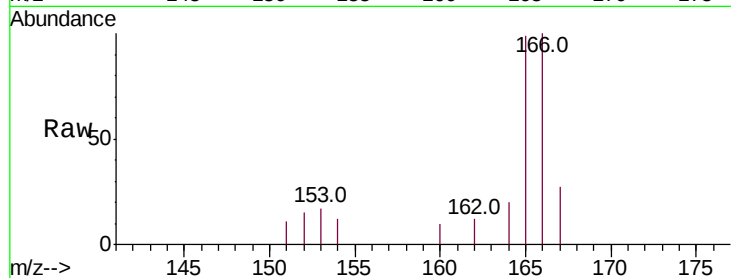
Tot Ion:166 Resp: 959

Ion Ratio Lower Upper

166 100

165 99.3 78.5 117.7

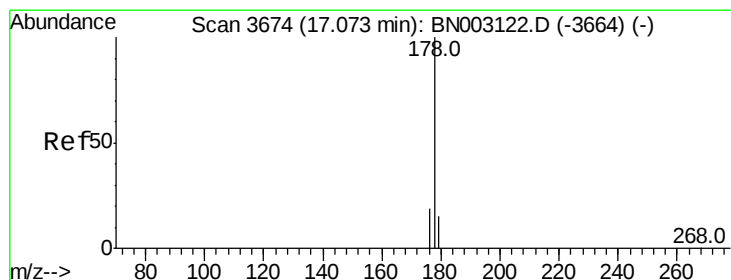
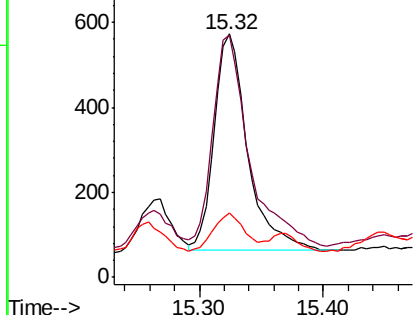
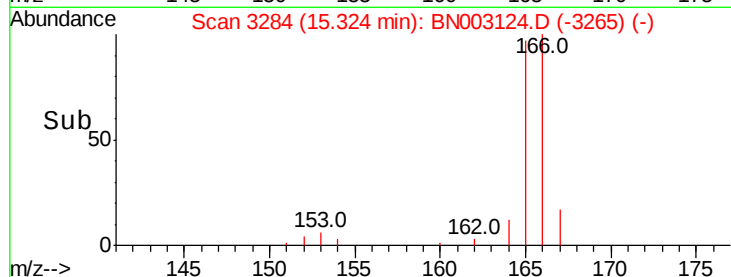
167 26.5 11.6 17.4#



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



#12

Phenanthrene

Concen: 1.430 ng/ul

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

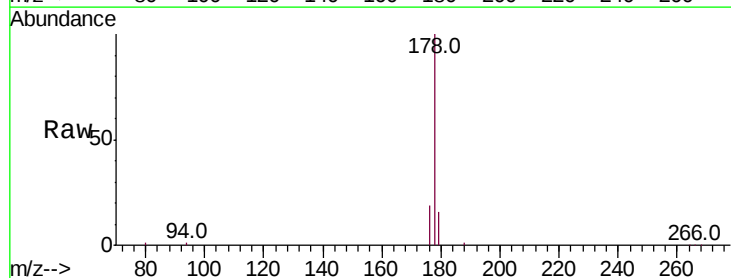
Tgt Ion:178 Resp: 20329

Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

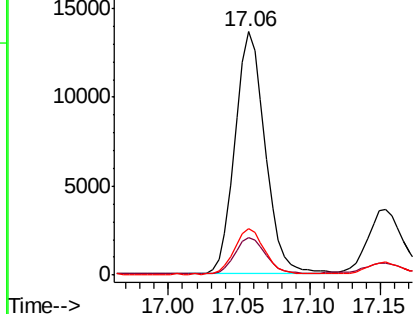
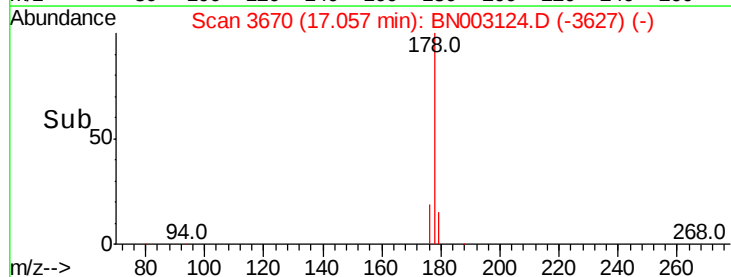
176 19.1 15.4 23.2

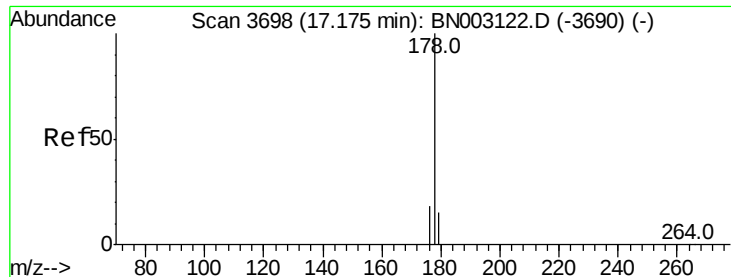


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.481 ng/ul

RT: 17.15 min Scan# 3693

Delta R.T. -0.02 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

Instrument :

BNA_N

ClientSampleId :

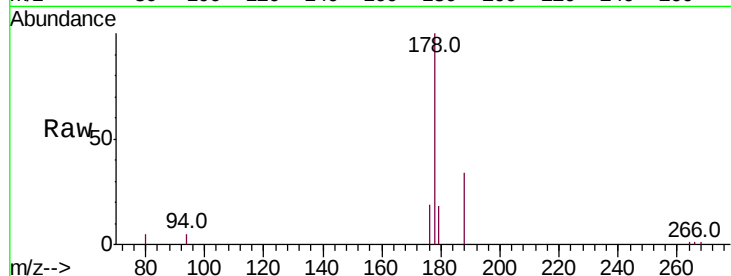
Tot Ion:178 Resp: 6456

Ion Ratio Lower Upper

178 100

179 18.0 13.0 19.6

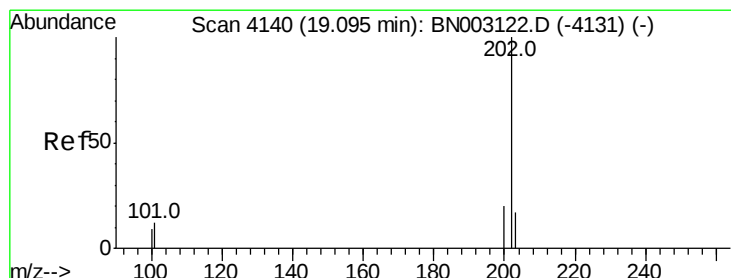
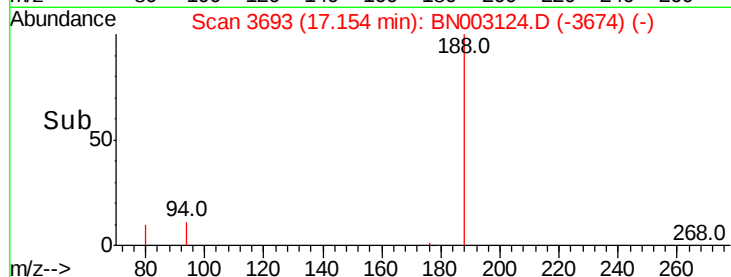
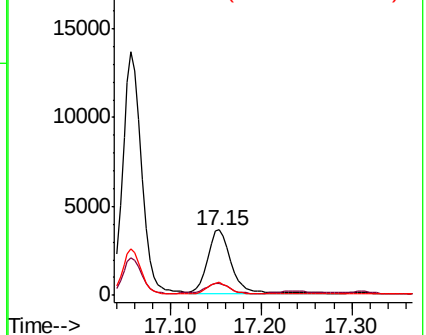
176 19.4 15.3 22.9



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: 2.389 ng/ul

RT: 19.08 min Scan# 4137

Delta R.T. -0.01 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

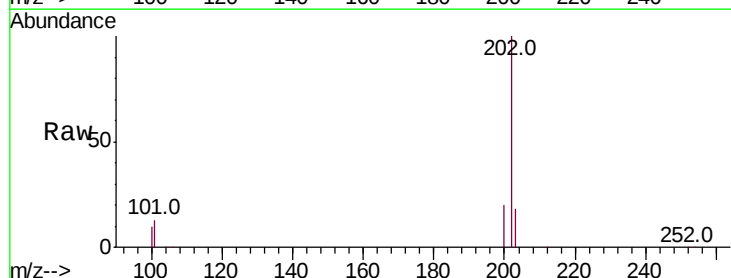
Tgt Ion:202 Resp: 39838

Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.3

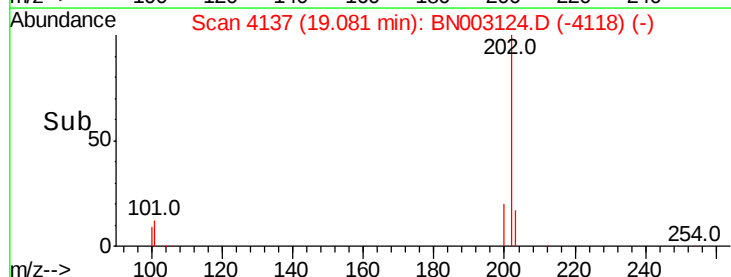
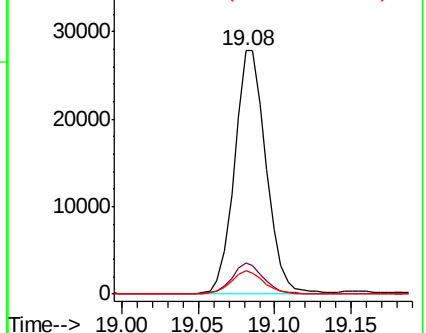
100 9.6 0.0 29.1

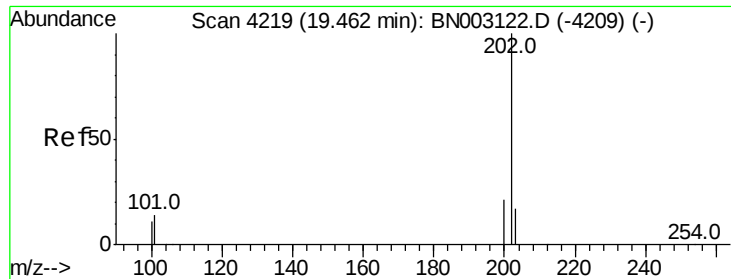


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

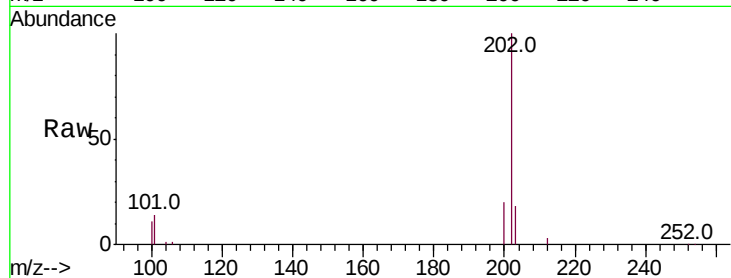




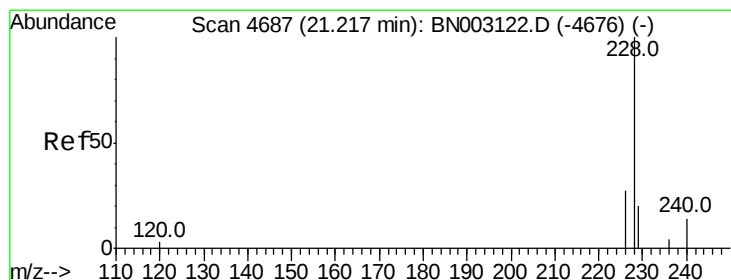
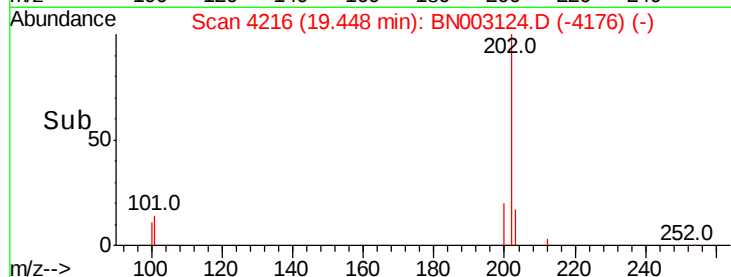
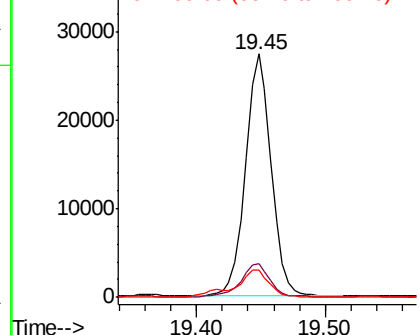
#17
Pvrene
Concen: 1.989 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003124.D
Acq: 12 Oct 2018 03:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 38019
Ion Ratio Lower Upper
202 100
101 13.8 11.9 17.9
100 11.1 9.9 14.9

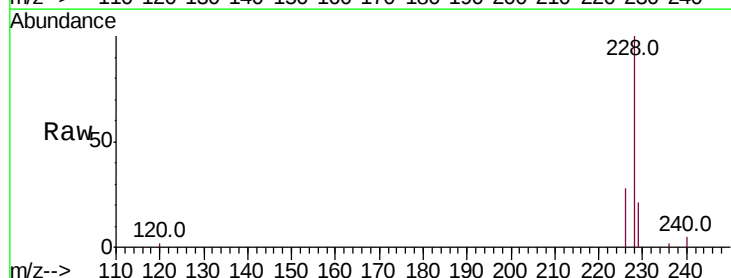


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

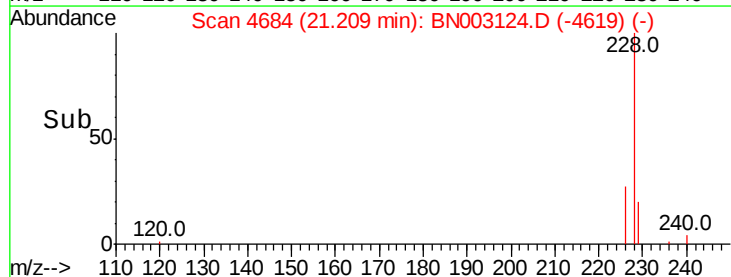
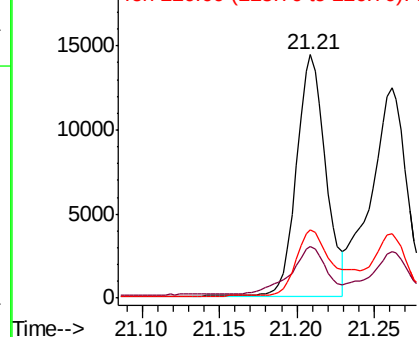


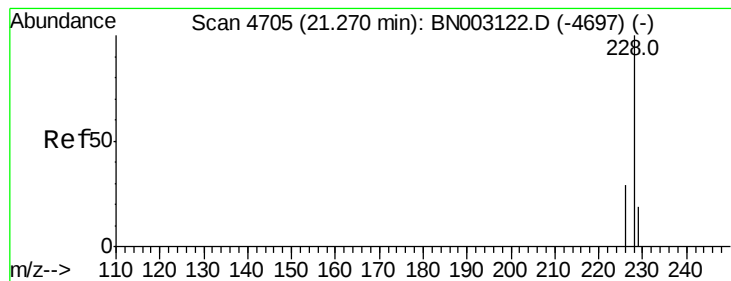
#18
Benzo(a)anthracene
Concen: 1.175 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003124.D
Acq: 12 Oct 2018 03:39

Tgt Ion:228 Resp: 18609
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.2
226 28.2 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: 1.219 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

Instrument :

BNA_N

ClientSampleId :

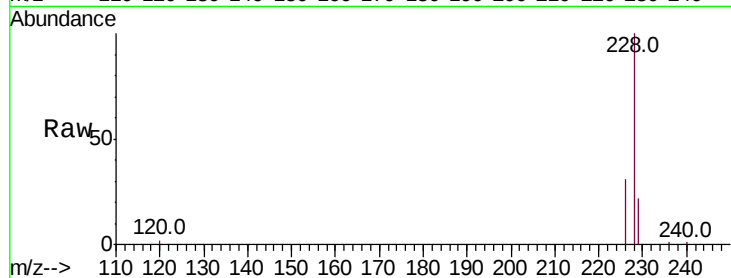
Tot Ion:228 Resp: 19605

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.4

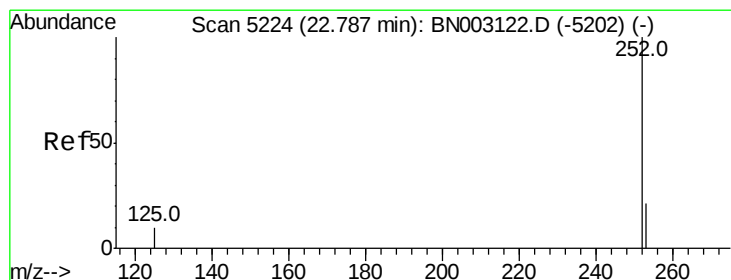
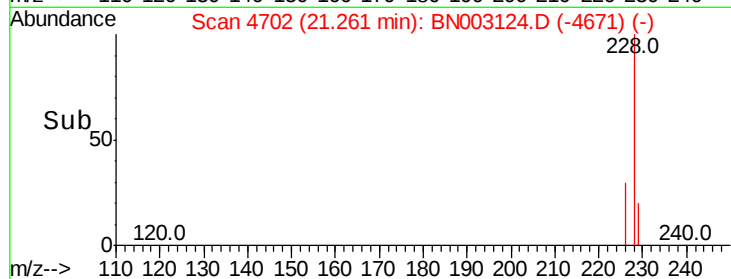
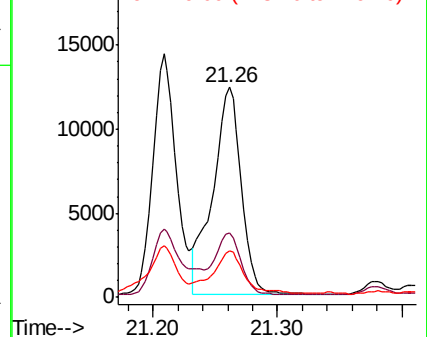
229 22.1 16.7 25.1



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: 2.076 ng/ul

RT: 22.78 min Scan# 5221

Delta R.T. -0.01 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

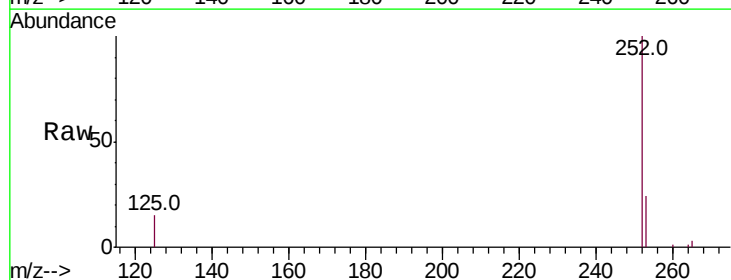
Tgt Ion:252 Resp: 39271

Ion Ratio Lower Upper

252 100

253 23.7 0.0 53.2

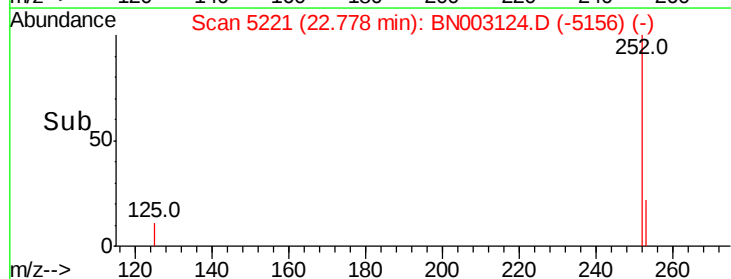
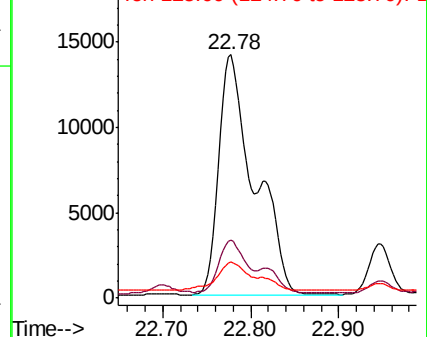
125 14.7 0.0 34.2

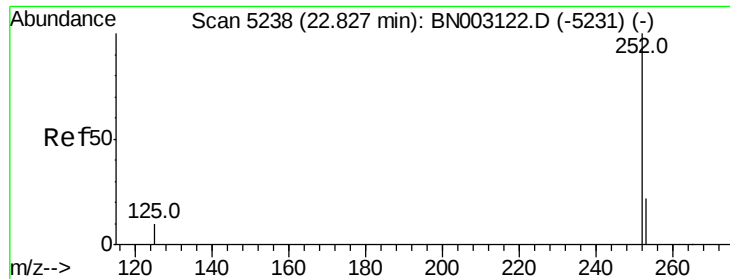


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.003 ng/ul

RT: 22.78 min Scan# 5221

Delta R.T. -0.05 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

Instrument :

BNA_N

ClientSampleId :

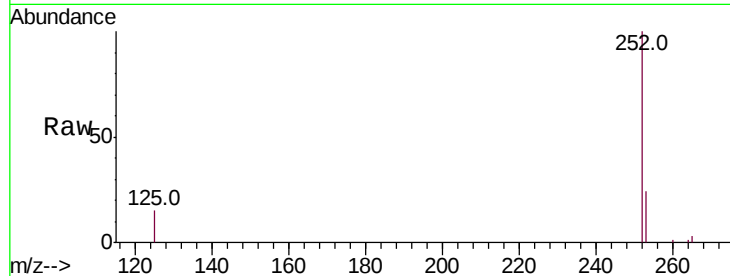
Tot Ion:252 Resp: 39278

Ion Ratio Lower Upper

252 100

253 23.7 21.3 31.9

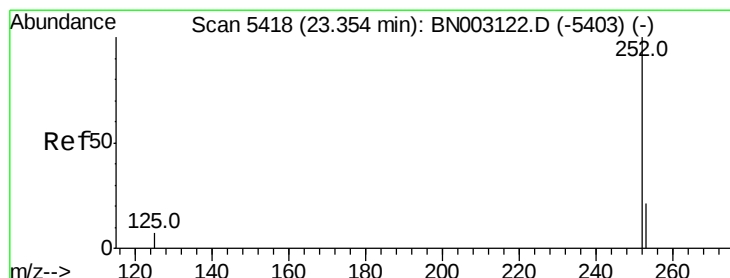
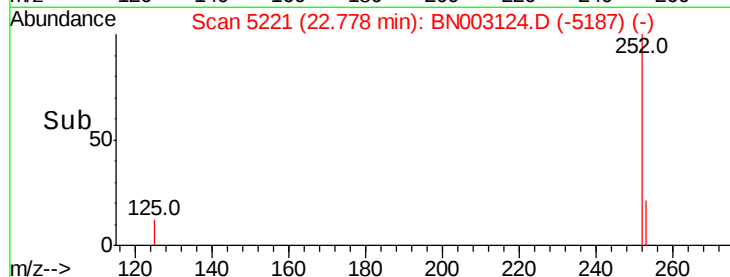
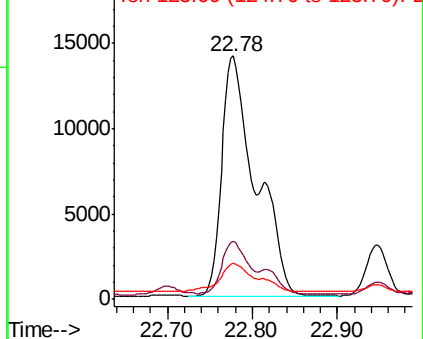
125 14.7 14.1 21.1



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: 1.041 ng/ul

RT: 23.34 min Scan# 5413

Delta R.T. -0.01 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

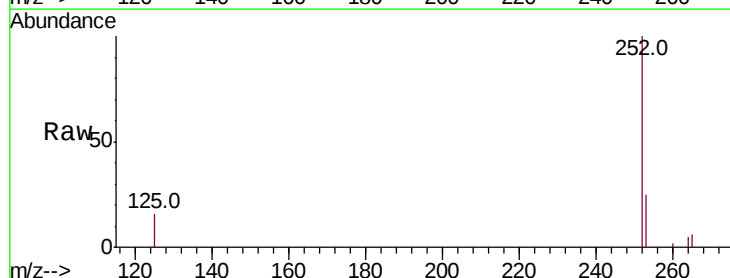
Tgt Ion:252 Resp: 17646

Ion Ratio Lower Upper

252 100

253 24.9 23.1 34.7

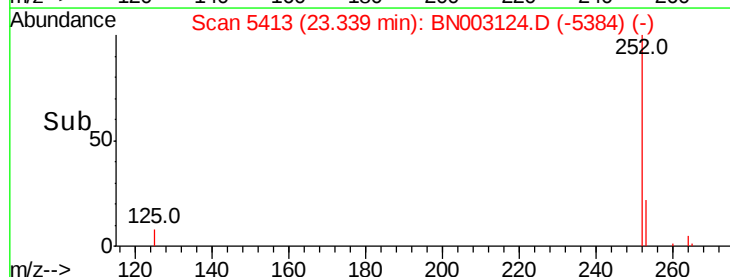
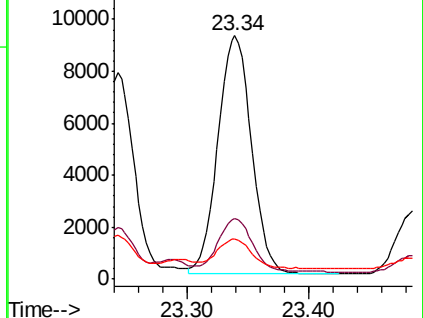
125 16.4 16.9 25.3#

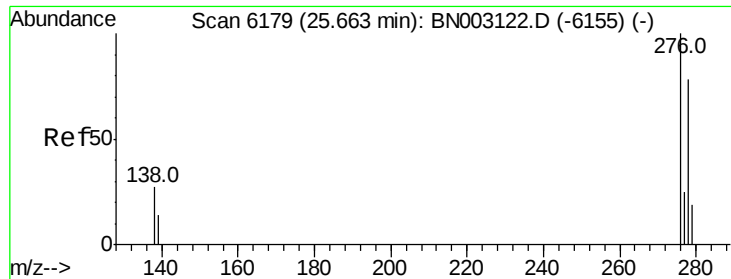


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

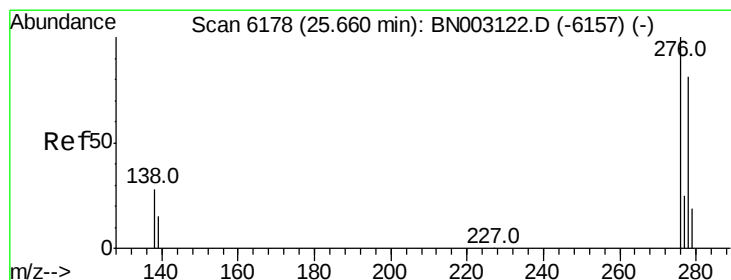
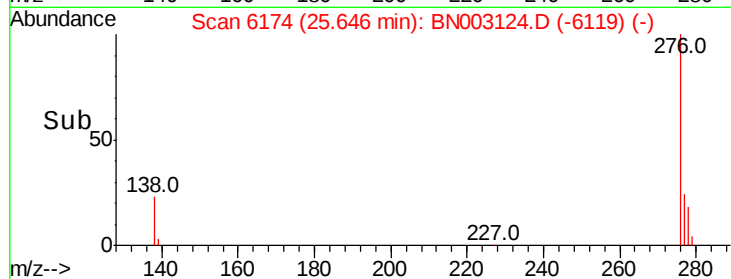
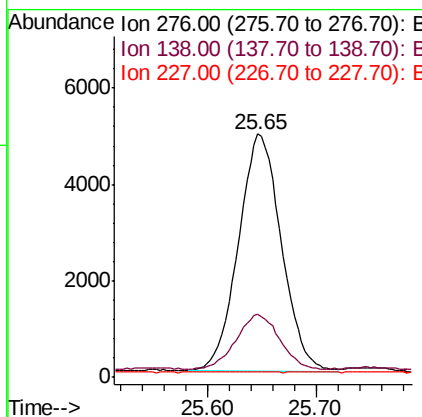
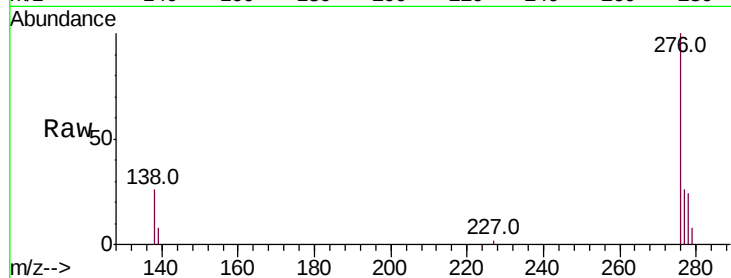




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.696 ng/ul
 RT: 25.65 min Scan# 6174
 Delta R.T. -0.02 min
 Lab File: BN003124.D
 Acq: 12 Oct 2018 03:39

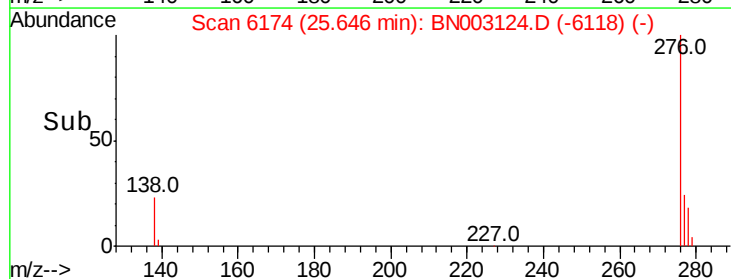
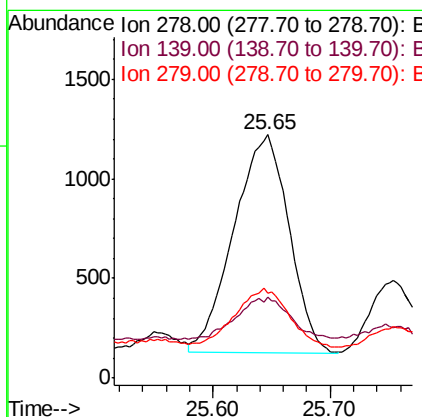
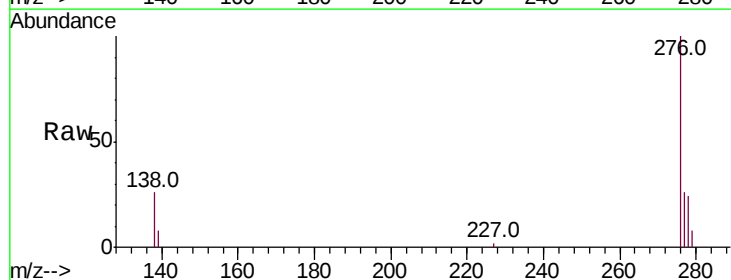
Instrument :
 BNA_N
 ClientSampleId :

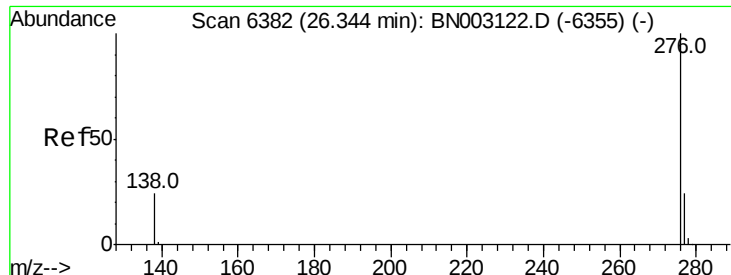
Tot Ion:276 Resp: 13569
 Ion Ratio Lower Upper
 276 100
 138 23.5 21.5 32.3
 227 0.2 0.3 0.5#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.230 ng/ul
 RT: 25.65 min Scan# 6174
 Delta R.T. -0.01 min
 Lab File: BN003124.D
 Acq: 12 Oct 2018 03:39

Tgt Ion:278 Resp: 3592
 Ion Ratio Lower Upper
 278 100
 139 33.1 20.2 30.4#
 279 35.1 23.8 35.8





#26

Benzo(a,h,i)perylene

Concen: 0.747 ng/ul

RT: 26.32 min Scan# 6376

Delta R.T. -0.02 min

Lab File: BN003124.D

Acq: 12 Oct 2018 03:39

Instrument :

BNA_N

ClientSampleId :

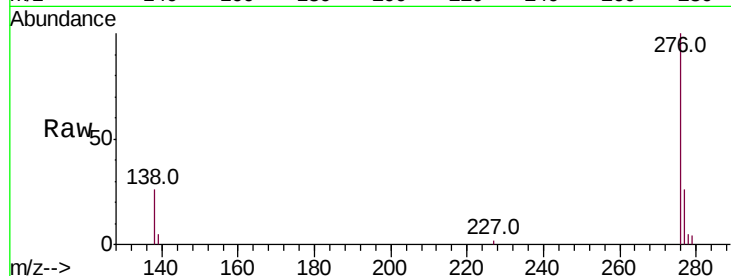
Tot Ion:276 Resp: 12278

Ion Ratio Lower Upper

276 100

138 26.5 23.0 34.4

277 25.9 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

