

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003128.D
 Acq On : 12 Oct 2018 06:00
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 07:32:25 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

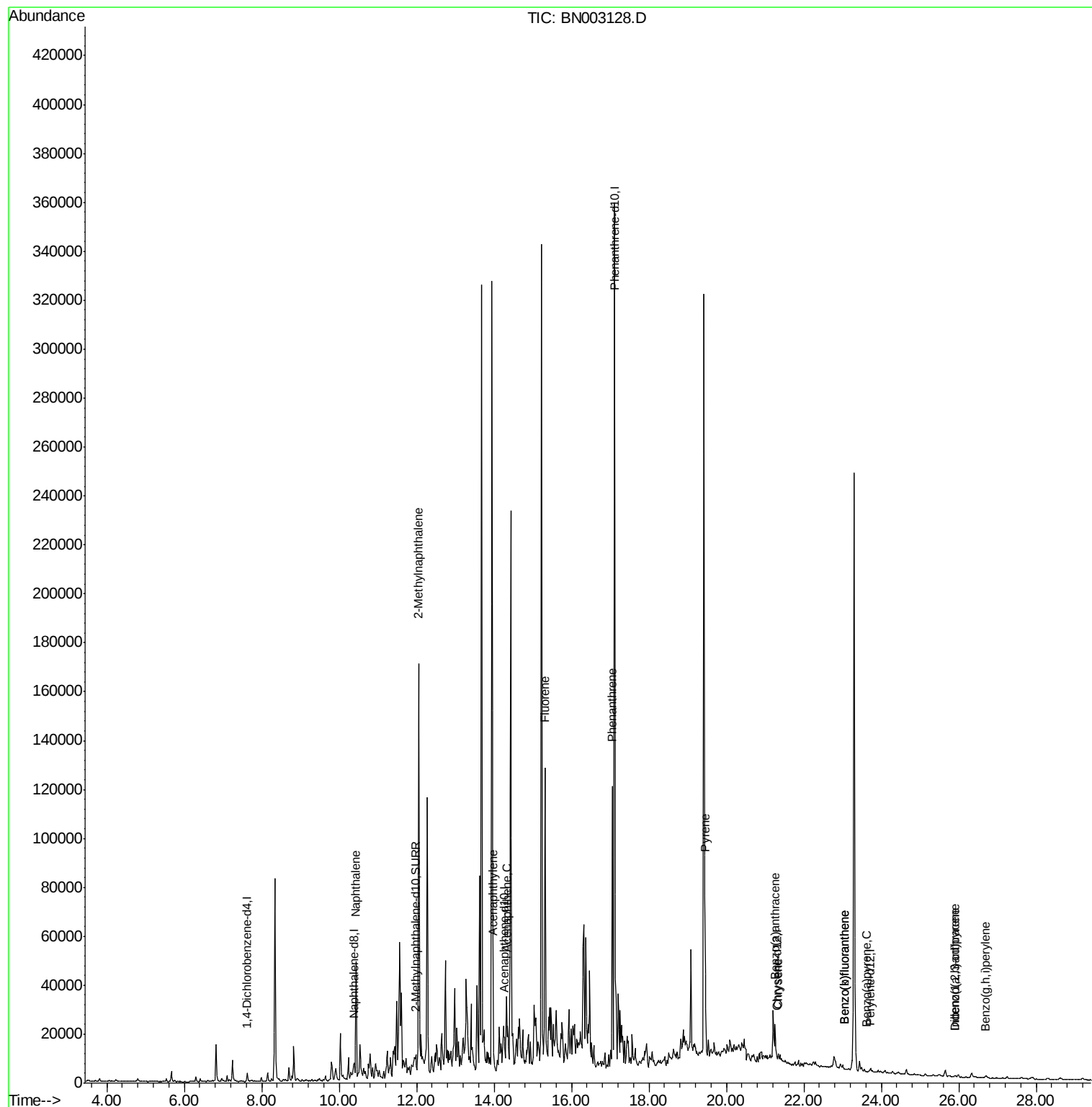
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1995	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	7639	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	5869	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.11	188	382243	0.40	ng/ul	0.08
16) Chrysene-d12	21.31	240	954	0.40	ng/ul	0.07
20) Perylene-d12	23.69	264	250	0.40	ng/ul	0.25
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3617	0.31	ng/ul	-0.03
14) Fluoranthene-d10	19.15	212	9439	0.01	ng/ul	0.09
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	62677	3.197	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	123216	9.131	ng/ul	97
7) Acenaphthylene	13.98	152	9613	0.358	ng/ul#	51
8) Acenaphthene	14.32	153	15010	0.737	ng/ul	96
9) Fluorene	15.31	166	70123	3.005	ng/ul	98
12) Phenanthrene	17.05	178	116160	0.109	ng/ul	97
17) Pyrene	19.45	202	53921	14.552	ng/ul	98
18) Benzo(a)anthracene	21.26	228	14409	4.694	ng/ul#	66
19) Chrysene	21.34	228	488	0.157	ng/ul#	1
21) Benzo(b)fluoranthene	23.05	252	188	0.209	ng/ul#	1
22) Benzo(k)fluoranthene	23.05	252	188	0.201	ng/ul#	1
23) Benzo(a)pyrene	23.62	252	49	0.061	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.90	276	272	0.293	ng/ul#	61
25) Dibenzo(a,h)anthracene	25.90	278	859	1.157	ng/ul#	1
26) Benzo(g,h,i)perylene	26.69	276	1474	1.885	ng/ul#	36

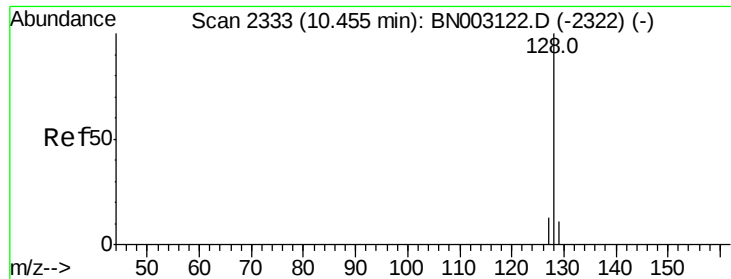
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003128.D
Acq On : 12 Oct 2018 06:00
Operator : MJ/SJ
Sample : J5234-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 12 07:32:25 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





#3

Naphthalene

Concen: 3.197 ng/ul

RT: 10.43 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BN003128.D

Acq: 12 Oct 2018 06:00

Instrument :

BNA_N

ClientSampleId :

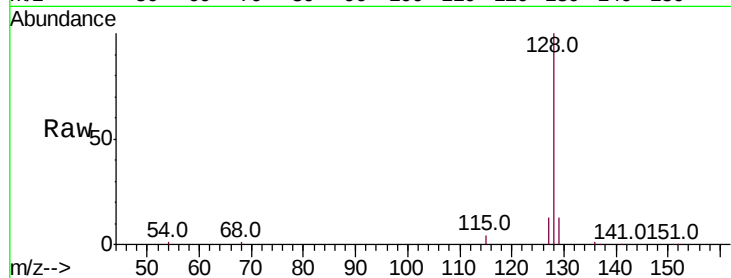
Tot Ion:128 Resp: 62677

Ion Ratio Lower Upper

128 100

129 12.7 10.4 15.6

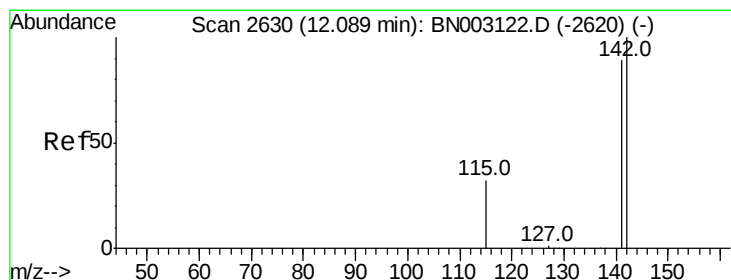
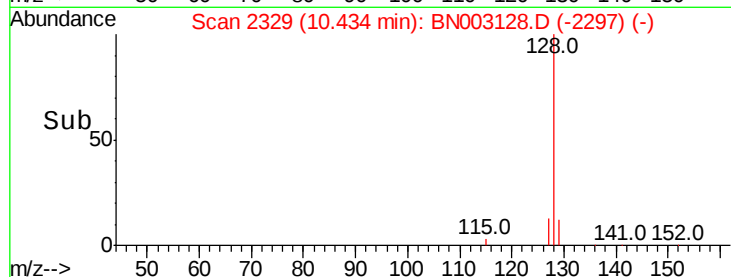
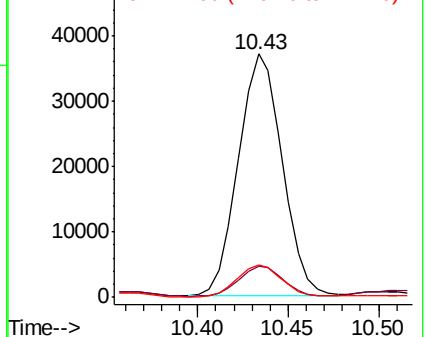
127 13.4 11.7 17.5



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: 9.131 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. -0.03 min

Lab File: BN003128.D

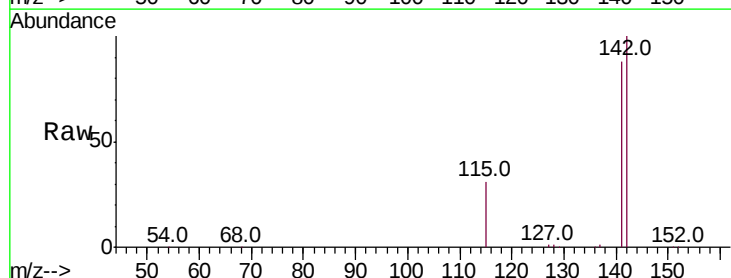
Acq: 12 Oct 2018 06:00

Tgt Ion:142 Resp: 123216

Ion Ratio Lower Upper

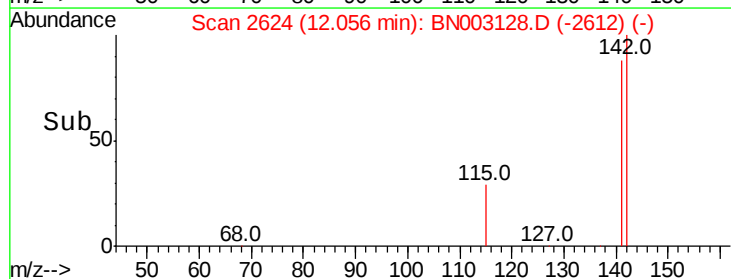
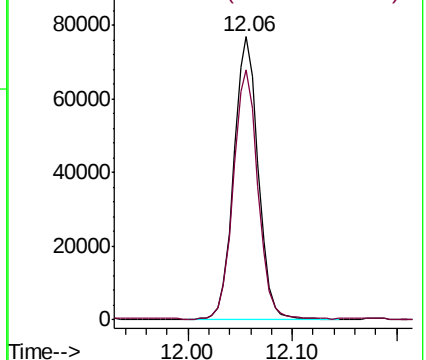
142 100

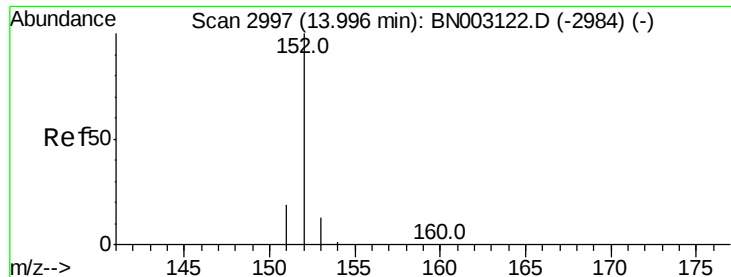
141 89.3 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.358 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.02 min

Lab File: BN003128.D

Acq: 12 Oct 2018 06:00

Instrument :

BNA_N

ClientSampleId :

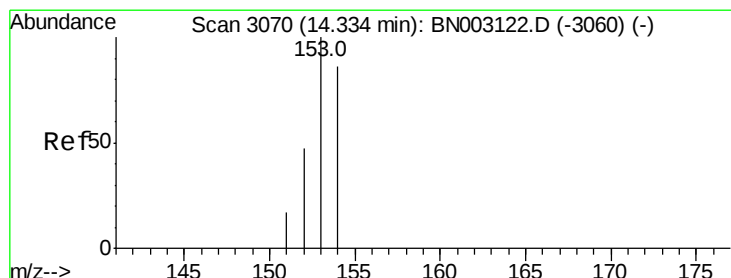
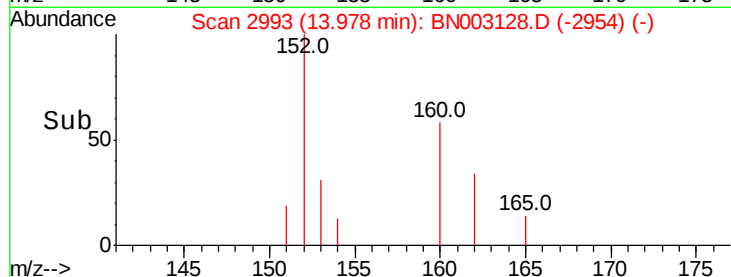
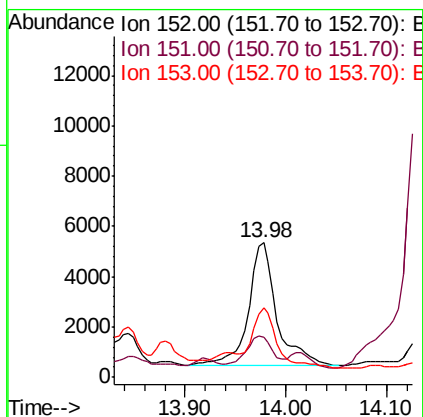
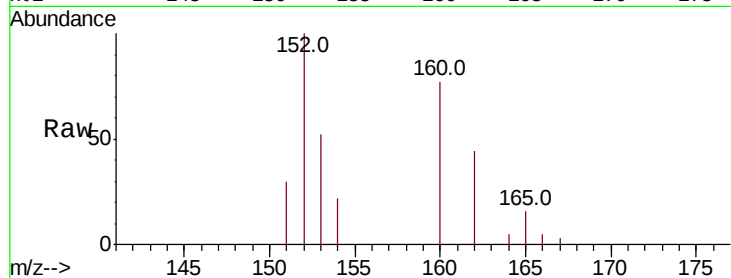
Tot Ion:152 Resp: 9613

Ion Ratio Lower Upper

152 100

151 29.7 16.5 24.7#

153 51.7 11.4 17.2#



#8

Acenaphthene

Concen: 0.737 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN003128.D

Acq: 12 Oct 2018 06:00

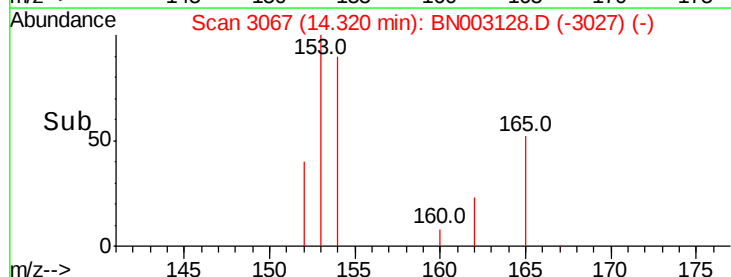
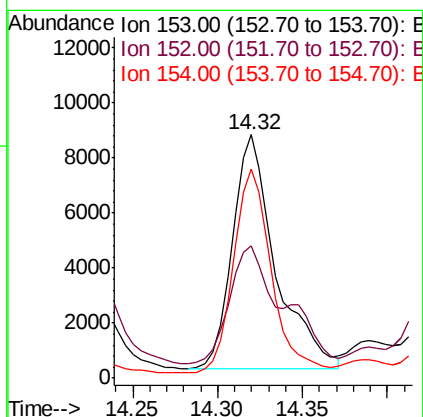
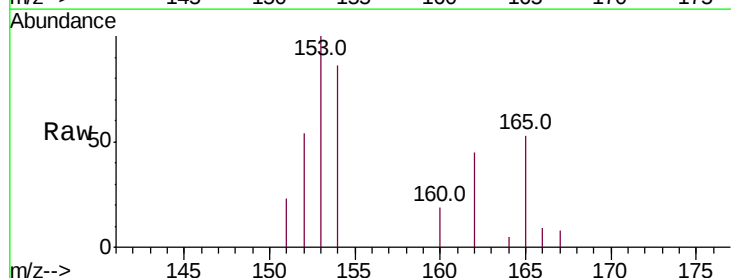
Tgt Ion:153 Resp: 15010

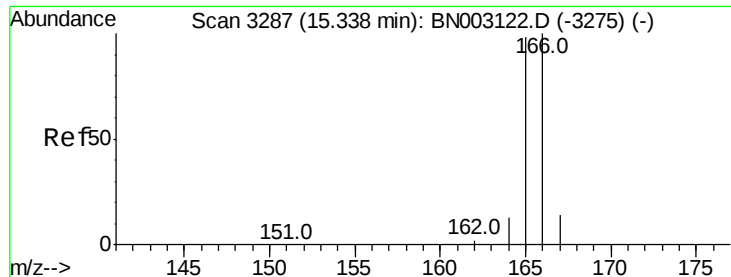
Ion Ratio Lower Upper

153 100

152 54.1 38.2 57.4

154 86.1 70.2 105.2





#9

Fluorene

Concen: 3.005 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.02 min

Lab File: BN003128.D

Acq: 12 Oct 2018 06:00

Instrument :

BNA_N

ClientSampled :

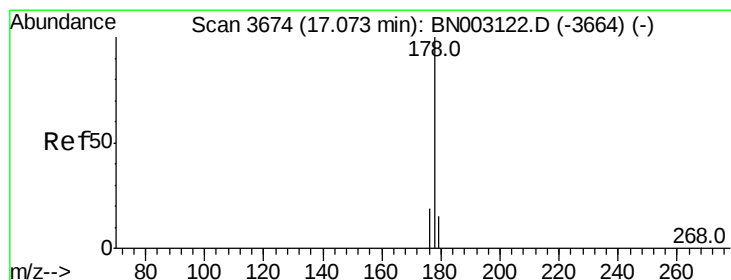
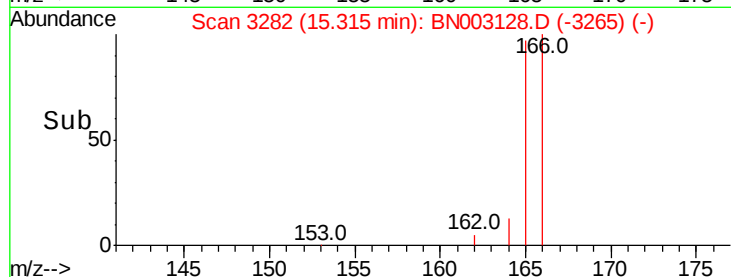
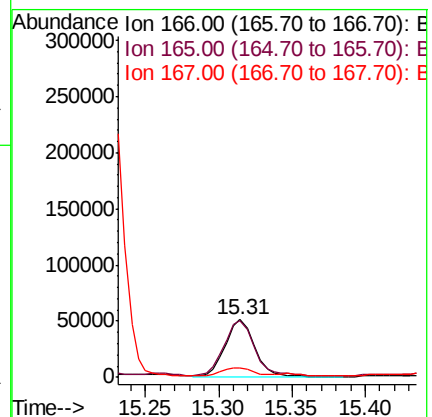
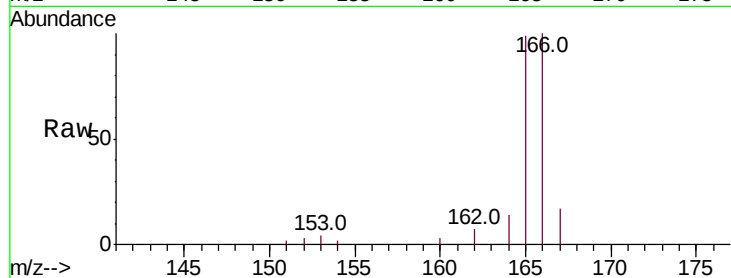
Tot Ion:166 Resp: 70123

Ion Ratio Lower Upper

166 100

165 98.8 78.5 117.7

167 17.4 11.6 17.4



#12

Phenanthrene

Concen: 0.109 ng/ul

RT: 17.05 min Scan# 3669

Delta R.T. -0.02 min

Lab File: BN003128.D

Acq: 12 Oct 2018 06:00

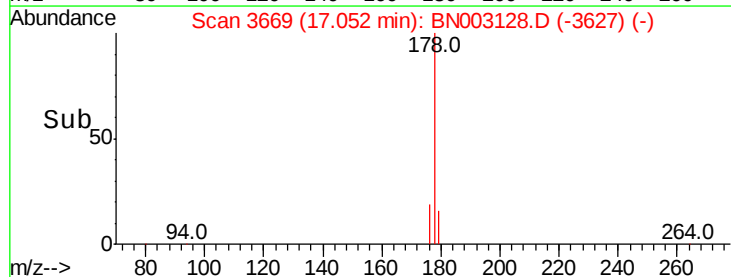
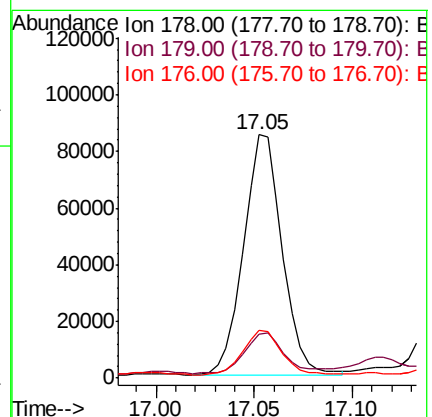
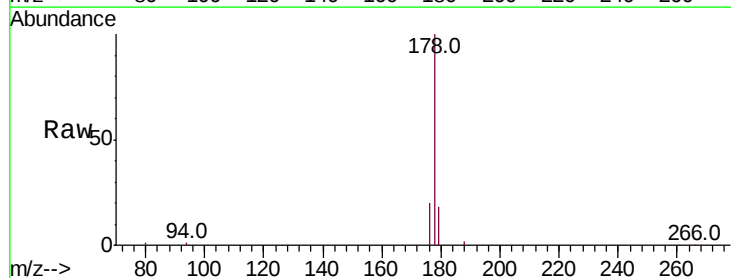
Tgt Ion:178 Resp: 116160

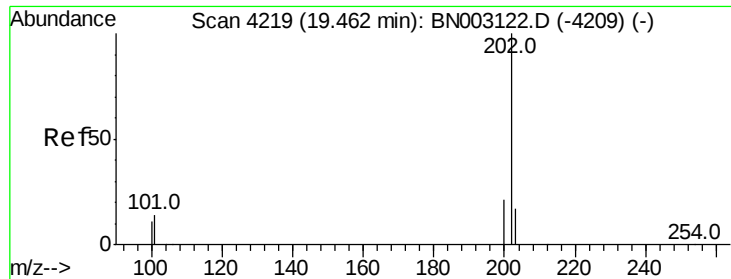
Ion Ratio Lower Upper

178 100

179 18.0 12.9 19.3

176 19.8 15.4 23.2

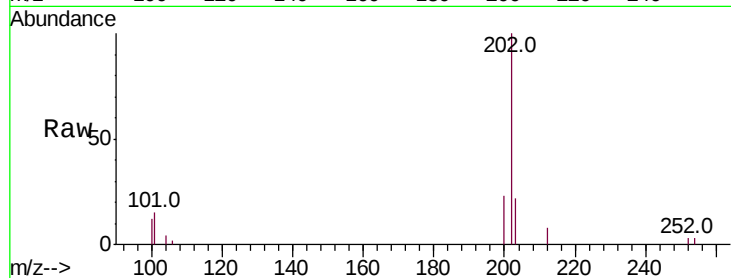




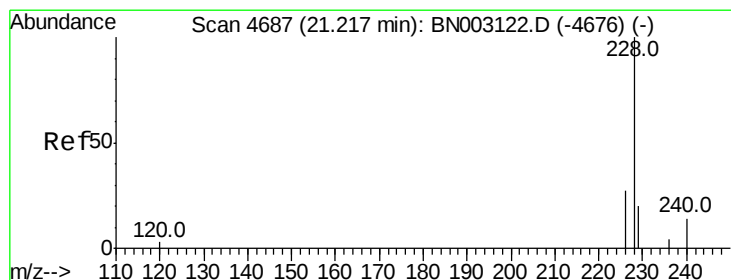
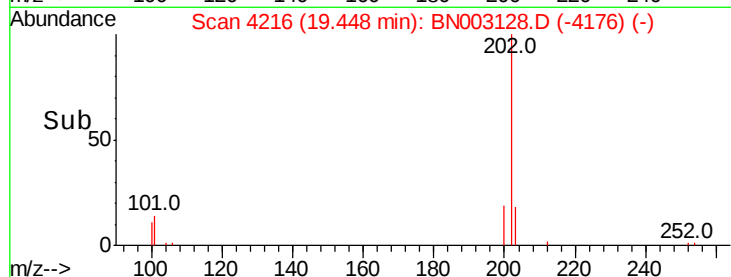
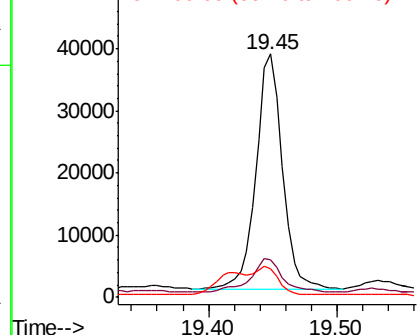
#17
Pvrene
Concen: 14.552 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Instrument :
BNA_N
ClientSampled :

Tot Ion:202 Resp: 53921
Ion Ratio Lower Upper
202 100
101 15.3 11.9 17.9
100 11.5 9.9 14.9

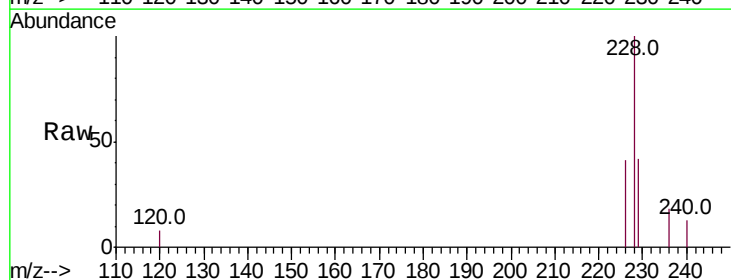


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

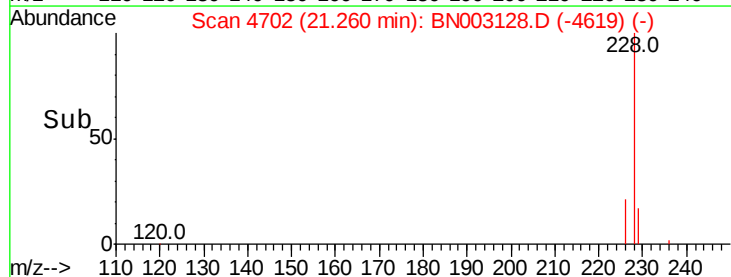
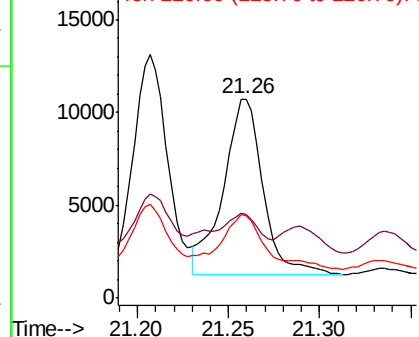


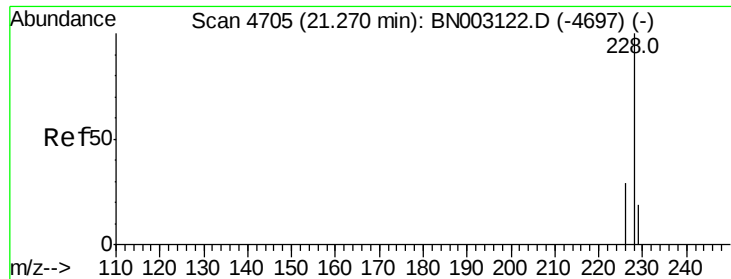
#18
Benzo(a)anthracene
Concen: 4.694 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. 0.04 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:228 Resp: 14409
Ion Ratio Lower Upper
228 100
229 41.9 16.2 24.2#
226 41.2 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: 0.157 ng/ul

RT: 21.34 min Scan# 4728

Delta R.T. 0.07 min

Lab File: BN003128.D

Acq: 12 Oct 2018 06:00

Instrument :

BNA_N

ClientSampleId :

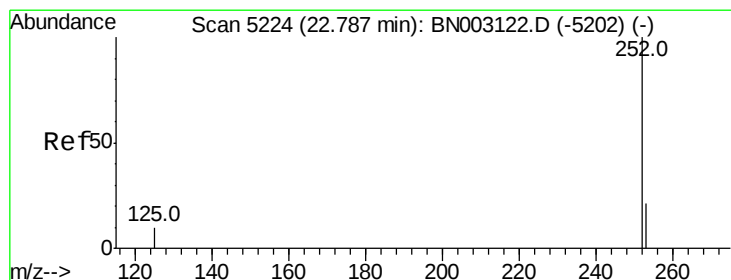
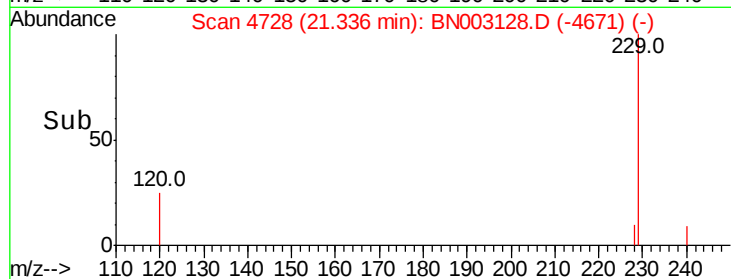
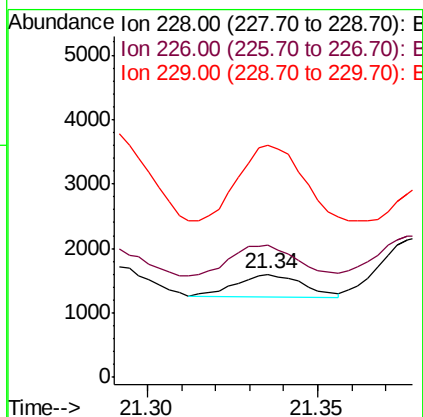
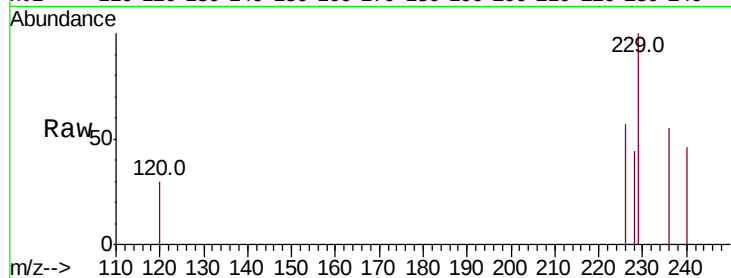
Tot Ion:228 Resp: 488

Ion Ratio Lower Upper

228 100

226 128.6 24.2 36.4#

229 226.1 16.7 25.1#



#21

Benzo(b)fluoranthene

Concen: 0.209 ng/ul

RT: 23.05 min Scan# 5316

Delta R.T. 0.27 min

Lab File: BN003128.D

Acq: 12 Oct 2018 06:00

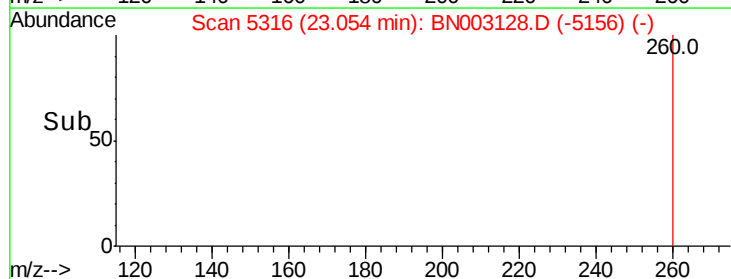
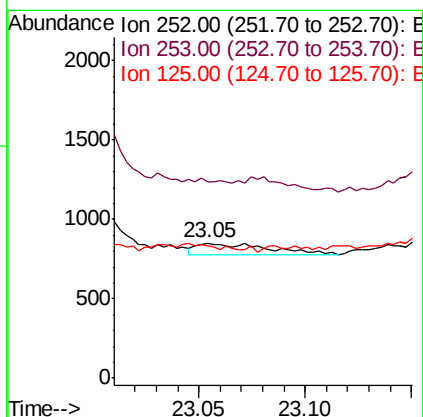
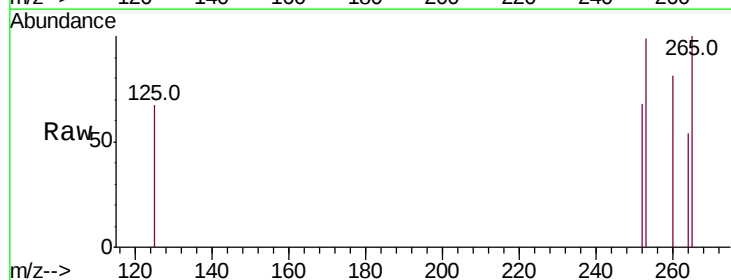
Tgt Ion:252 Resp: 188

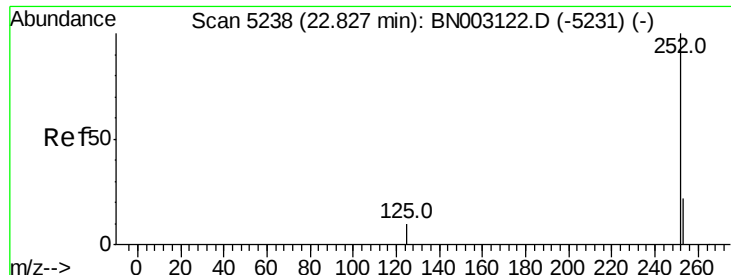
Ion Ratio Lower Upper

252 100

253 145.5 0.0 53.2#

125 98.1 0.0 34.2#





#22

Benzo(k)fluoranthene

Concen: 0.201 ng/ul

RT: 23.05 min Scan# 5316

Delta R.T. 0.23 min

Lab File: BN003128.D

Acq: 12 Oct 2018 06:00

Instrument :

BNA_N

ClientSampleId :

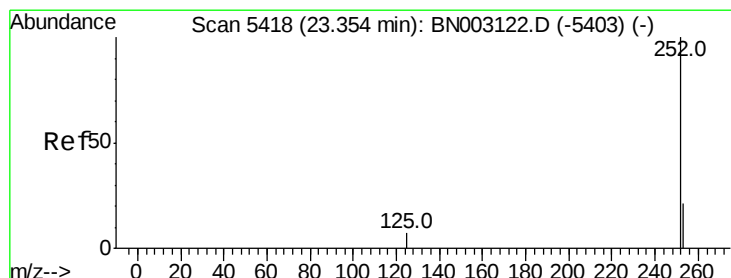
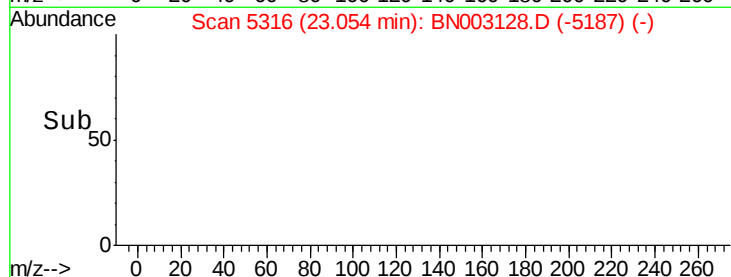
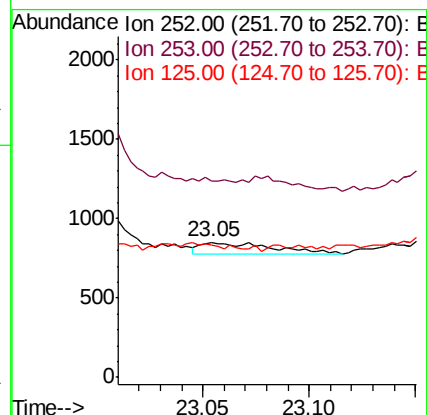
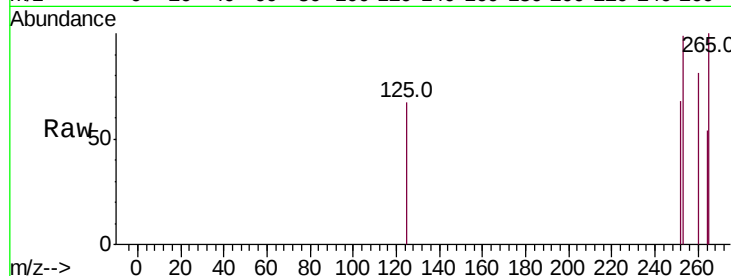
Tot Ion:252 Resp: 188

Ion Ratio Lower Upper

252 100

253 145.5 21.3 31.9#

125 98.1 14.1 21.1#



#23

Benzo(a)pyrene

Concen: 0.061 ng/ul

RT: 23.62 min Scan# 5508

Delta R.T. 0.26 min

Lab File: BN003128.D

Acq: 12 Oct 2018 06:00

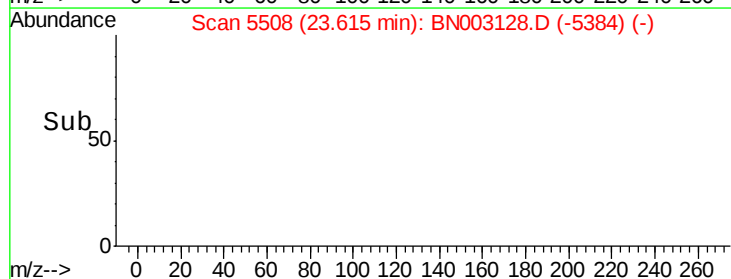
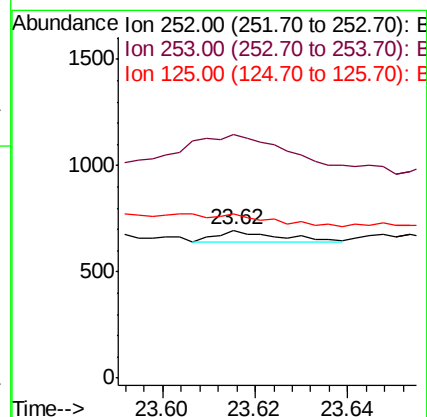
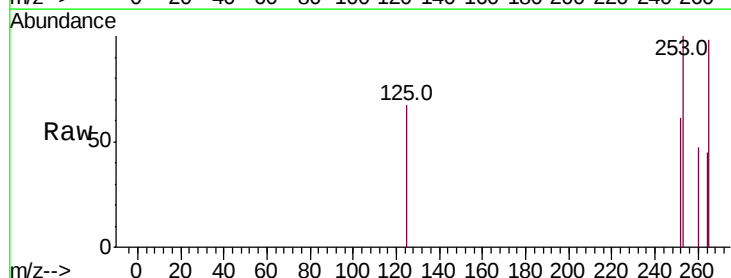
Tgt Ion:252 Resp: 49

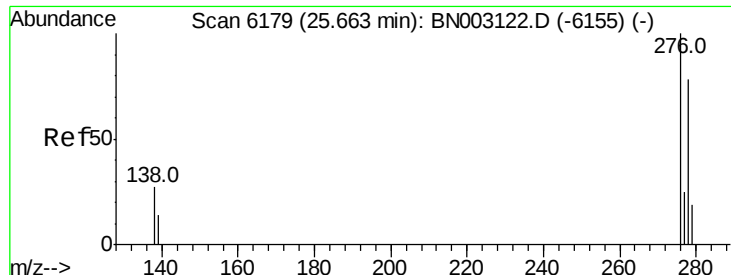
Ion Ratio Lower Upper

252 100

253 164.9 23.1 34.7#

125 111.2 16.9 25.3#



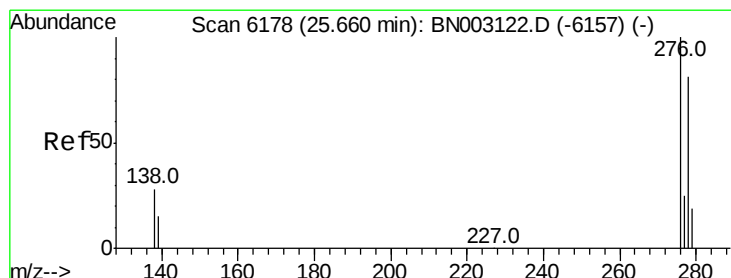
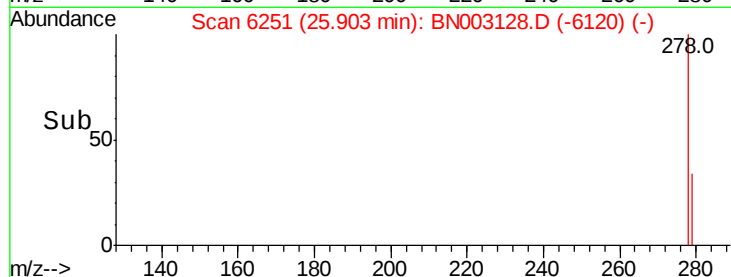
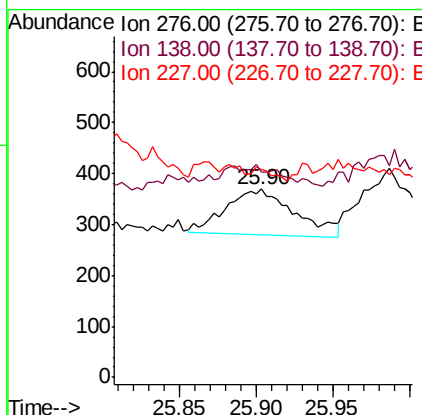
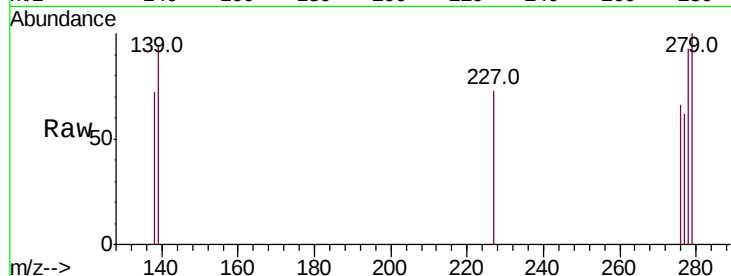


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.293 ng/ul
RT: 25.90 min Scan# 6251
Delta R.T. 0.24 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Instrument :
BNA_N
ClientSampleId :

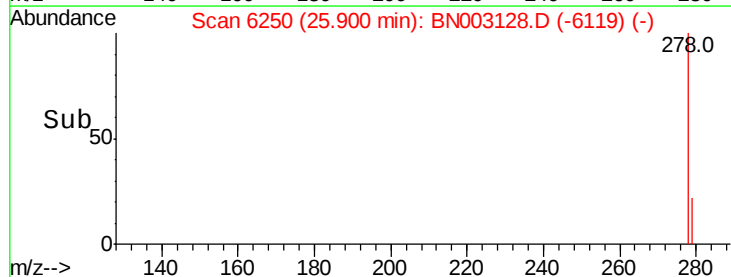
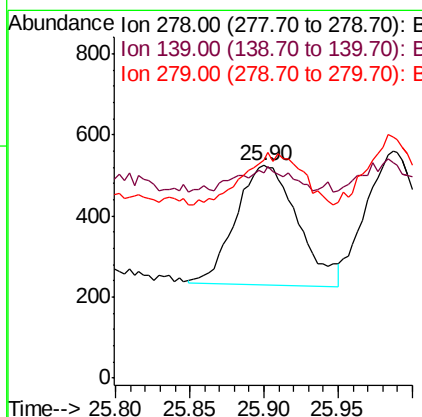
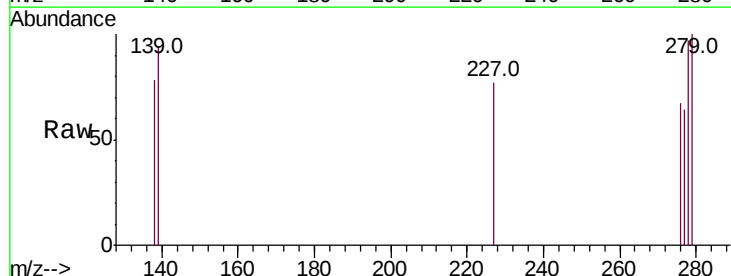
Tot Ion:276 Resp: 272
Ion Ratio Lower Upper
276 100
138 47.4 21.5 32.3#
227 7.4 0.3 0.5#

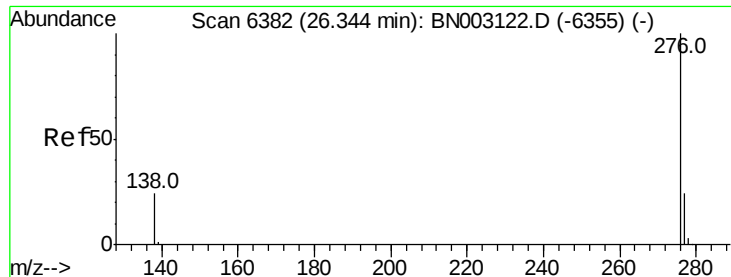


#25

Dibenzo(a,h)anthracene
Concen: 1.157 ng/ul
RT: 25.90 min Scan# 6250
Delta R.T. 0.24 min
Lab File: BN003128.D
Acq: 12 Oct 2018 06:00

Tgt Ion:278 Resp: 859
Ion Ratio Lower Upper
278 100
139 96.2 20.2 30.4#
279 102.7 23.8 35.8#





#26

Benzo(a,h,i)perylene

Concen: 1.885 ng/ul

RT: 26.69 min Scan# 6486

Delta R.T. 0.35 min

Lab File: BN003128.D

Acq: 12 Oct 2018 06:00

Instrument :

BNA_N

ClientSampleId :

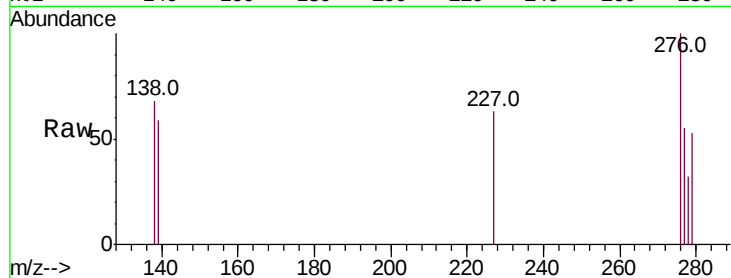
Tot Ion:276 Resp: 1474

Ion Ratio Lower Upper

276 100

138 68.1 23.0 34.4#

277 55.0 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

