

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
 Data File : BN003047.D
 Acq On : 10 Oct 2018 03:09
 Operator : MJ/SJ
 Sample : J5115-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 10 08:38:46 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 : Wed Oct 10 08:36:11 2018
 Response via : Initial Calibration

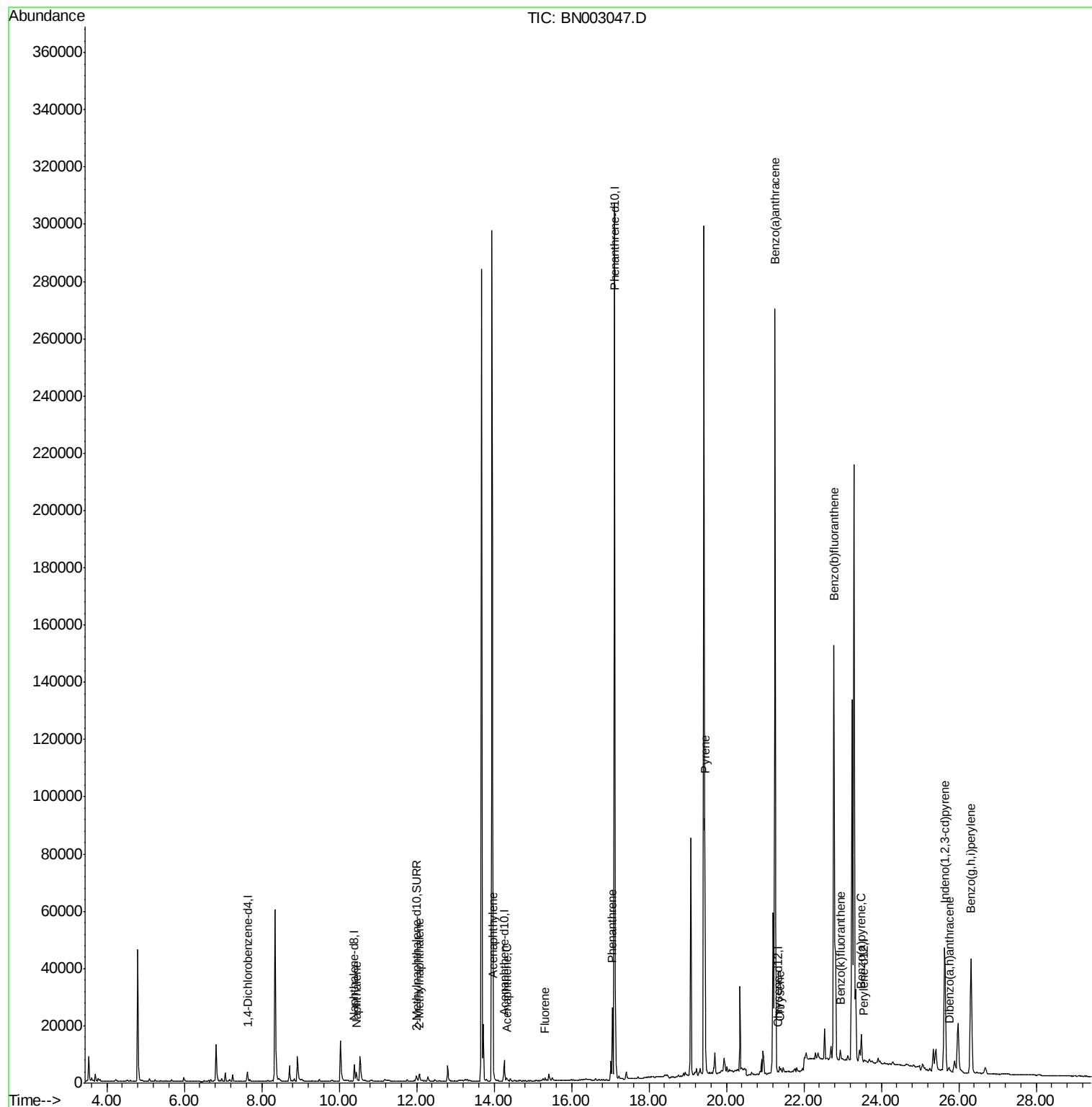
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2023	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7882	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	4046	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	348840	0.40	ng/ul	0.08
16) Chrysene-d12	21.34	240	37	0.40	ng/ul	0.10
20) Perylene-d12	23.55	264	311	0.40	ng/ul	0.10
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3026	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.16	212	130	0.00	ng/ul	0.09
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	3140	0.155	ng/ul	96
5) 2-Methylnaphthalene	12.07	142	2333	0.168	ng/ul	93
7) Acenaphthylene	13.98	152	1735	0.094	ng/ul#	88
8) Acenaphthene	14.32	153	856	0.061	ng/ul	95
9) Fluorene	15.32	166	766	0.048	ng/ul#	90
12) Phenanthrene	17.06	178	25519	0.026	ng/ul	100
17) Pyrene	19.45	202	74057	515.336	ng/ul	96
18) Benzo(a)anthracene	21.26	228	256466	2153.975	ng/ul	98
19) Chrysene	21.38	228	1514	12.522	ng/ul#	16
21) Benzo(b)fluoranthene	22.77	252	256347	228.875	ng/ul	94
22) Benzo(k)fluoranthene	22.94	252	4553	3.921	ng/ul#	1
23) Benzo(a)pyrene	23.48	252	11913	11.868	ng/ul#	38
24) Indeno(1,2,3-cd)pyrene	25.64	276	65764	57.013	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.74	278	2201	2.384	ng/ul#	1
26) Benzo(g,h,i)perylene	26.32	276	81016	83.294	ng/ul	94

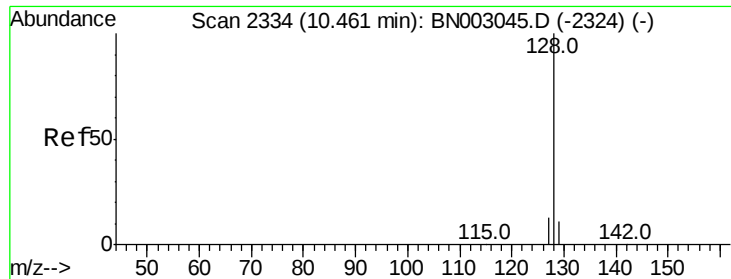
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.155 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Instrument :

BNA_N

ClientSampled :

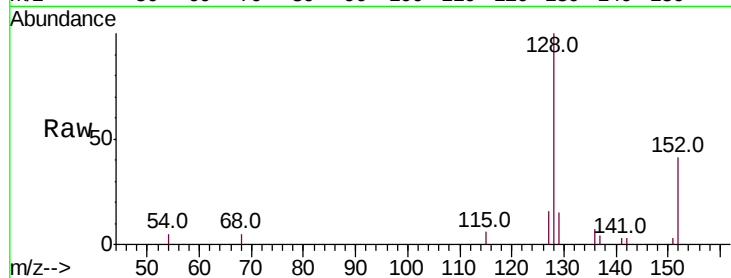
Tot Ion:128 Resp: 3140

Ion Ratio Lower Upper

128 100

129 14.7 10.4 15.6

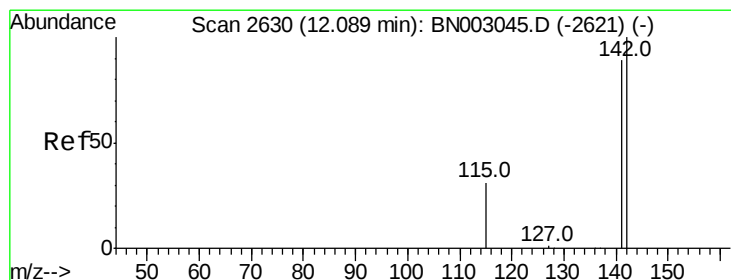
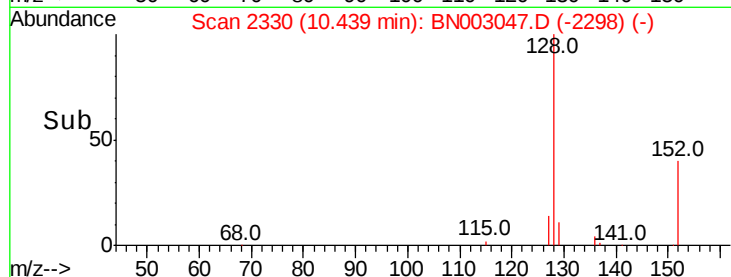
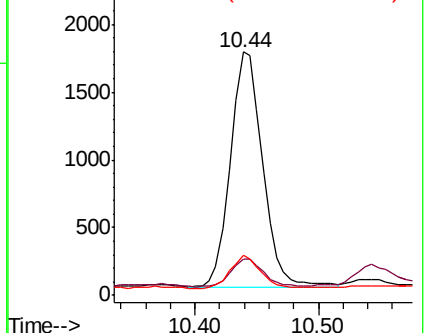
127 16.4 11.7 17.5



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: 0.168 ng/ul

RT: 12.07 min Scan# 2627

Delta R.T. -0.02 min

Lab File: BN003047.D

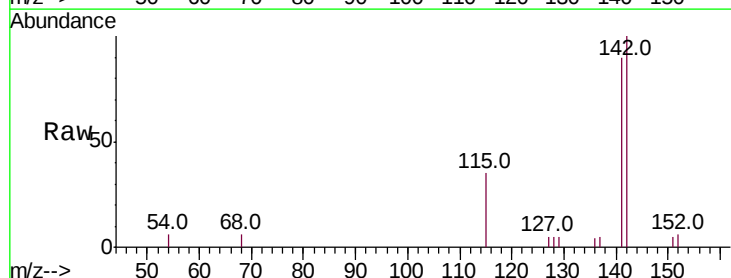
Acq: 10 Oct 2018 03:09

Tgt Ion:142 Resp: 2333

Ion Ratio Lower Upper

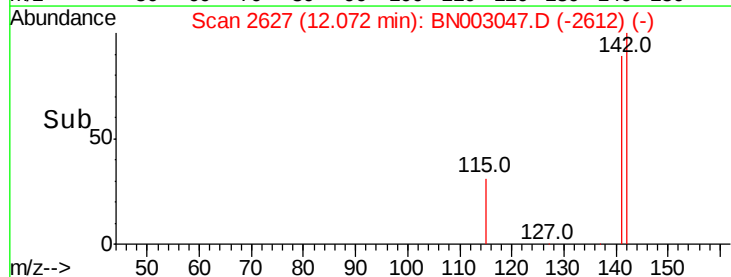
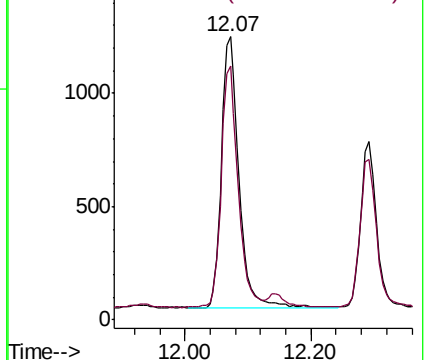
142 100

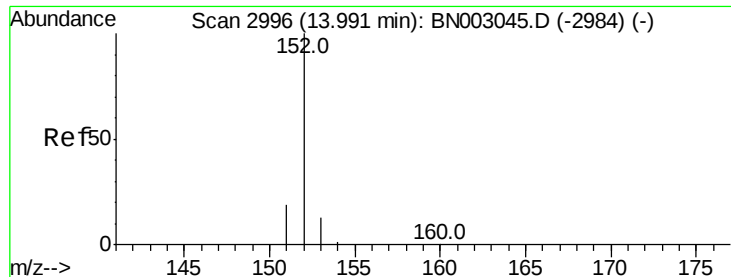
141 85.1 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.094 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Instrument :

BNA_N

ClientSampled :

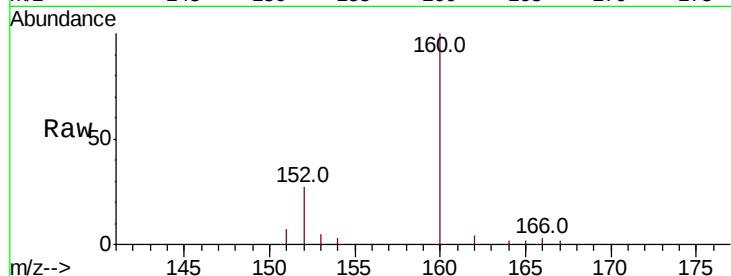
Tot Ion:152 Resp: 1735

Ion Ratio Lower Upper

152 100

151 25.2 16.5 24.7#

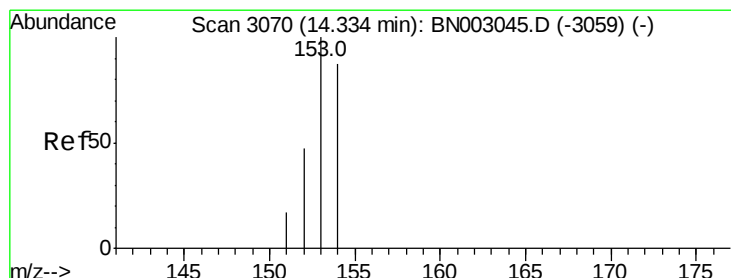
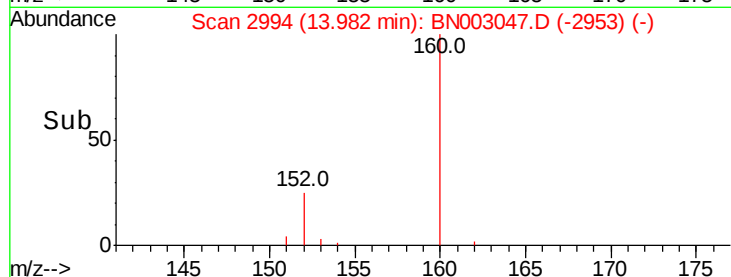
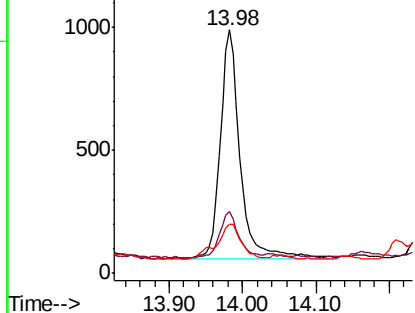
153 20.2 11.4 17.2#



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: 0.061 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

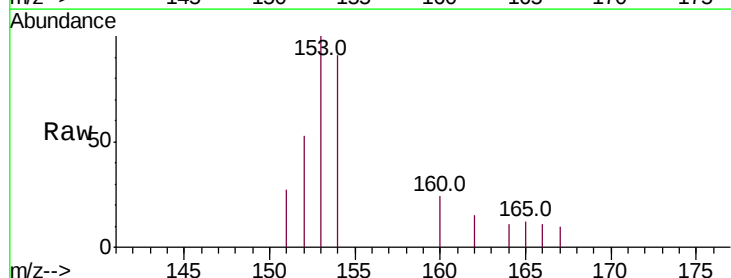
Tgt Ion:153 Resp: 856

Ion Ratio Lower Upper

153 100

152 52.9 38.2 57.4

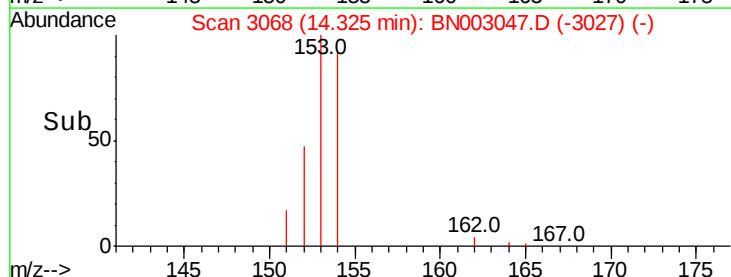
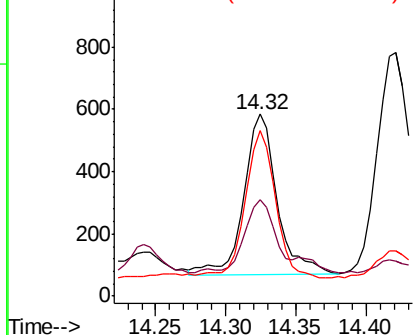
154 90.9 70.2 105.2

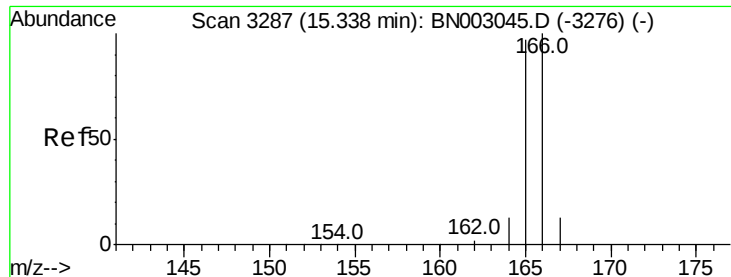


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.048 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Instrument :

BNA_N

ClientSampleId :

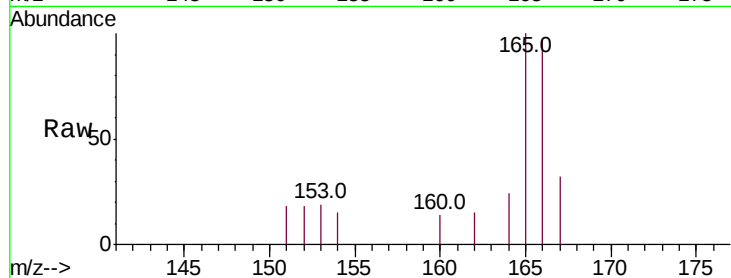
Tot Ion:166 Resp: 766

Ion Ratio Lower Upper

166 100

165 103.2 78.5 117.7

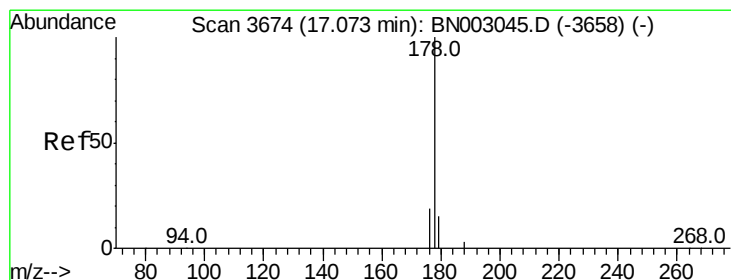
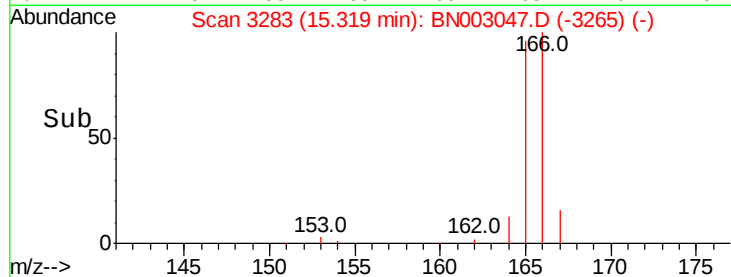
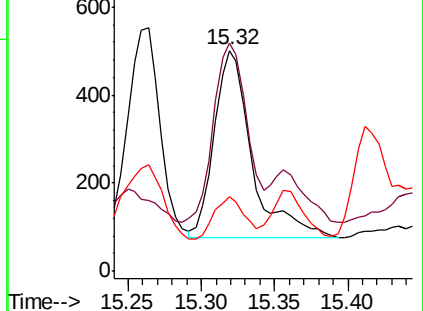
167 33.5 11.6 17.4#



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: 0.026 ng/ul

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

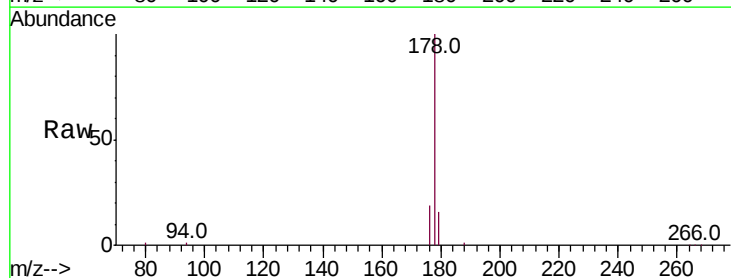
Tgt Ion:178 Resp: 25519

Ion Ratio Lower Upper

178 100

179 16.0 12.9 19.3

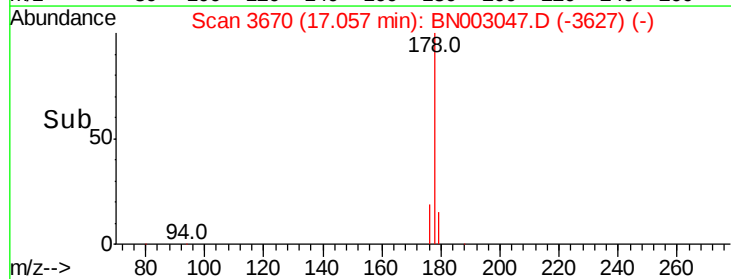
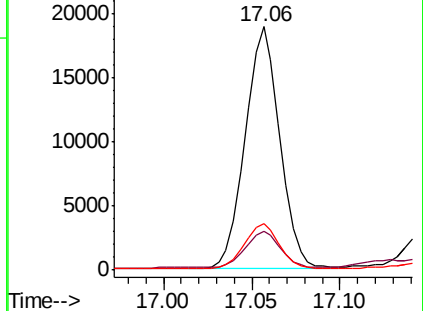
176 19.2 15.4 23.2

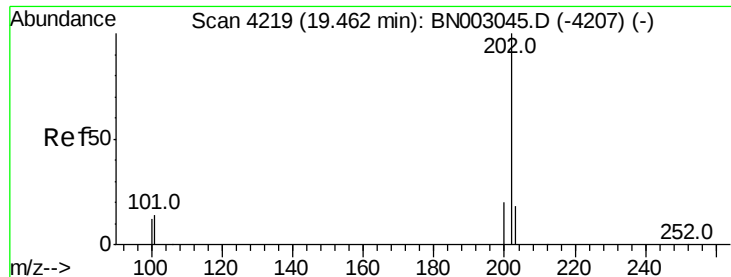


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

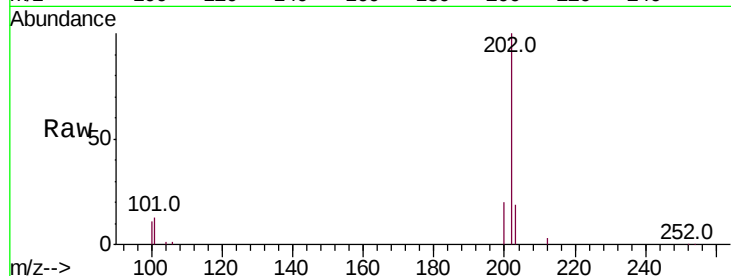




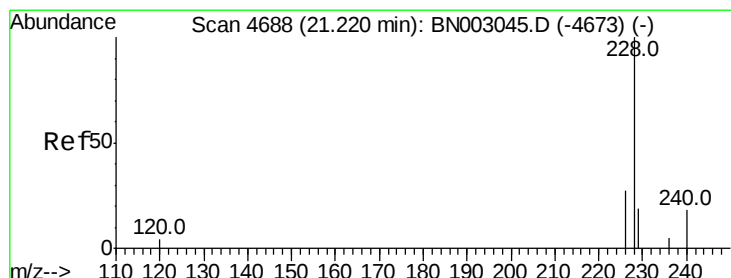
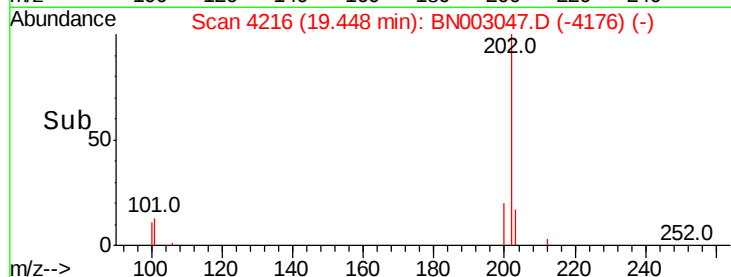
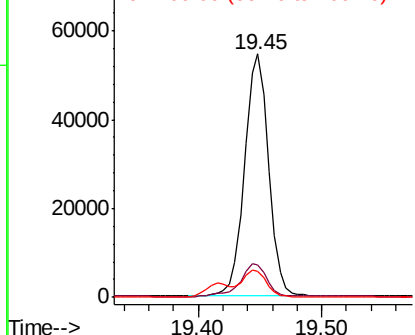
#17
Pvrene
Concen: 515.336 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003047.D
Acq: 10 Oct 2018 03:09

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 74057
Ion Ratio Lower Upper
202 100
101 13.4 11.9 17.9
100 10.7 9.9 14.9

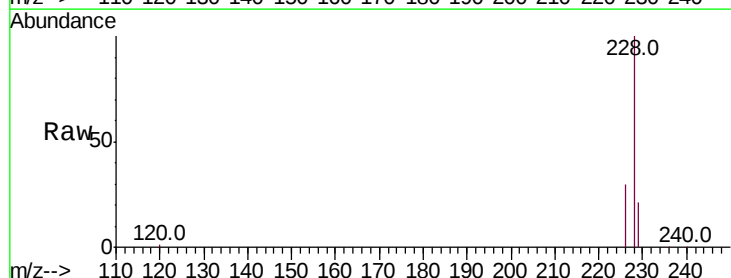


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

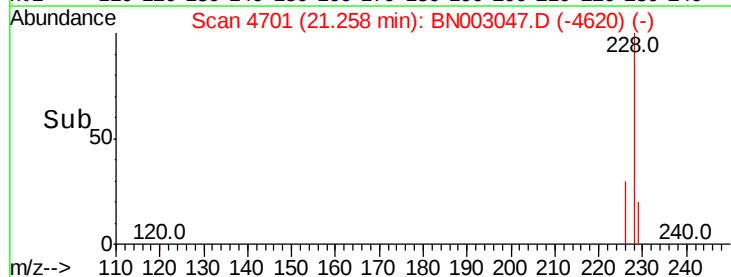
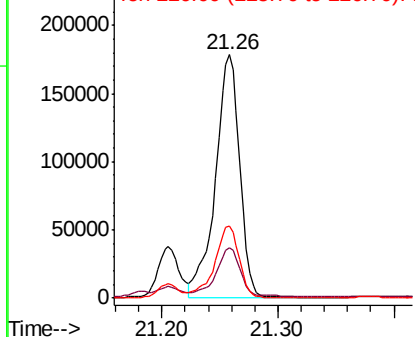


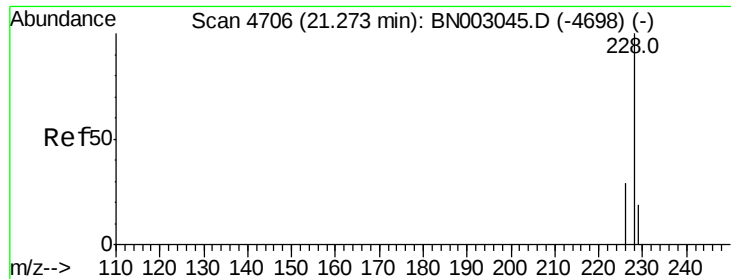
#18
Benzo(a)anthracene
Concen: 2153.975 ng/ul
RT: 21.26 min Scan# 4701
Delta R.T. 0.04 min
Lab File: BN003047.D
Acq: 10 Oct 2018 03:09

Tgt Ion:228 Resp: 256466
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 29.8 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: 12.522 ng/ul

RT: 21.38 min Scan# 4742

Delta R.T. 0.11 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Instrument :

BNA_N

ClientSampleId :

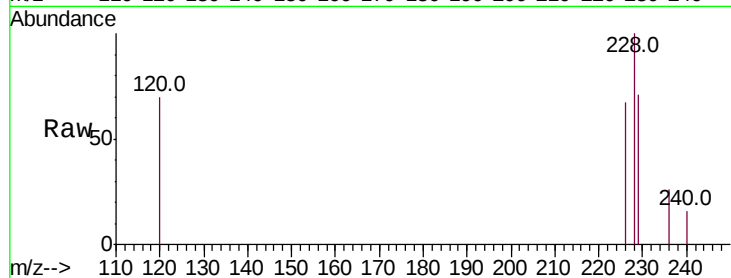
Tot Ion:228 Resp: 1514

Ion Ratio Lower Upper

228 100

226 67.3 24.2 36.4#

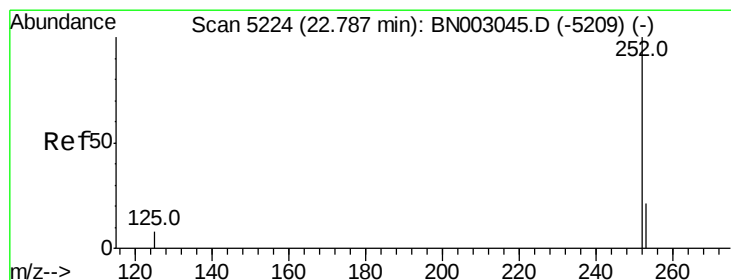
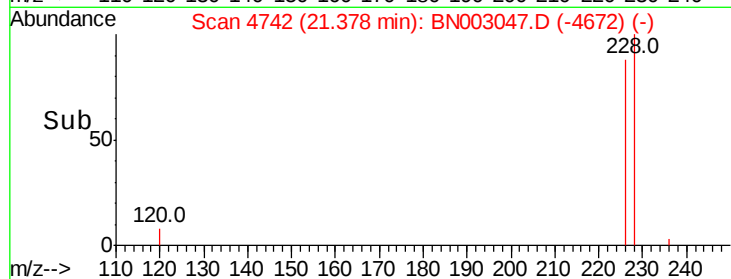
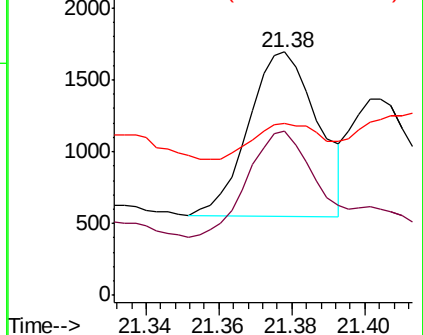
229 70.8 16.7 25.1#



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: 228.875 ng/ul

RT: 22.77 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

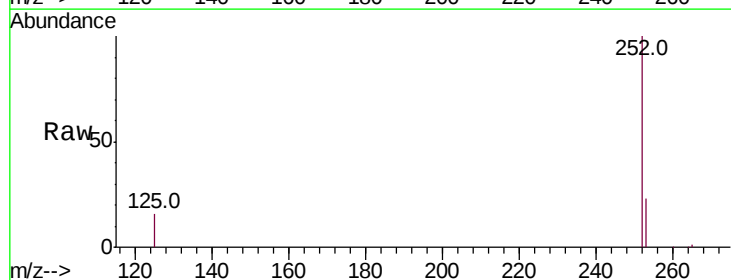
Tgt Ion:252 Resp: 256347

Ion Ratio Lower Upper

252 100

253 22.6 0.0 53.2

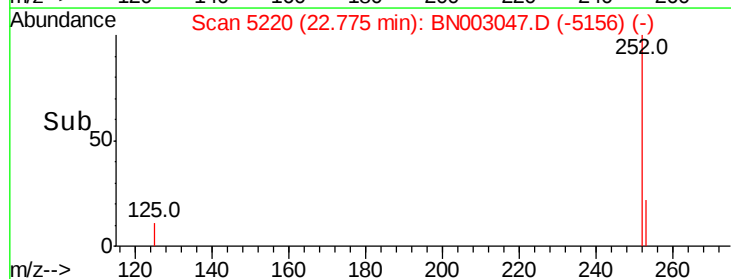
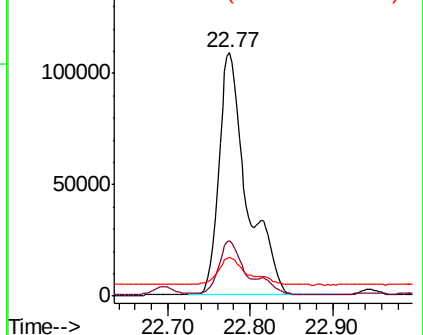
125 15.8 0.0 34.2

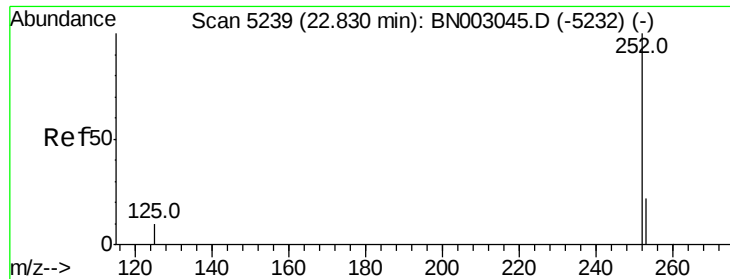


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 3.921 ng/ul

RT: 22.94 min Scan# 5278

Delta R.T. 0.11 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Instrument :

BNA_N

ClientSampleId :

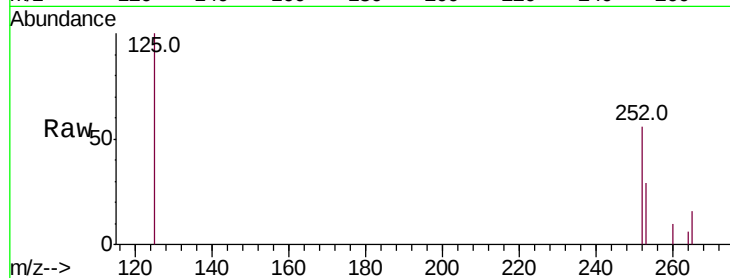
Tot Ion:252 Resp: 4553

Ion Ratio Lower Upper

252 100

253 51.8 21.3 31.9#

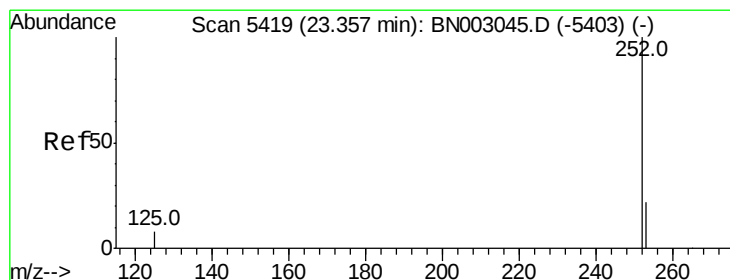
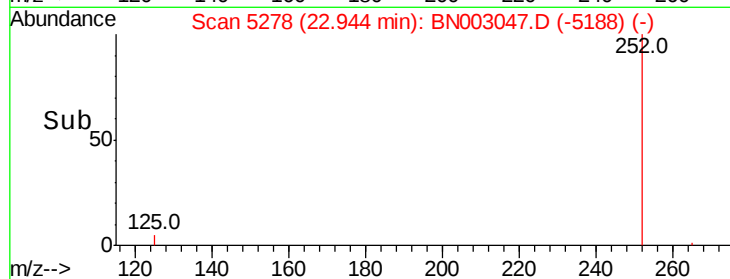
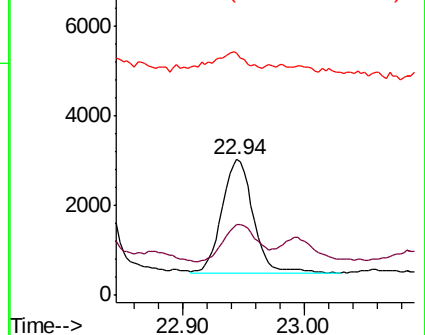
125 178.5 14.1 21.1#



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: 11.868 ng/ul

RT: 23.48 min Scan# 5462

Delta R.T. 0.13 min

Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

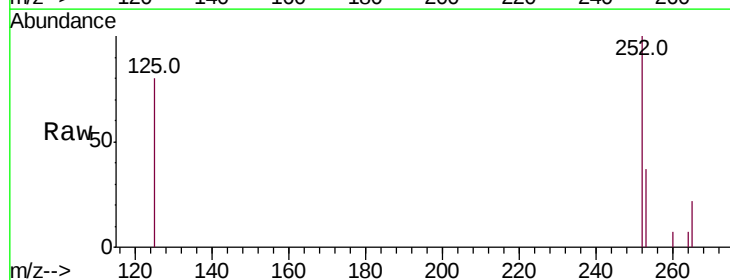
Tgt Ion:252 Resp: 11913

Ion Ratio Lower Upper

252 100

253 36.6 23.1 34.7#

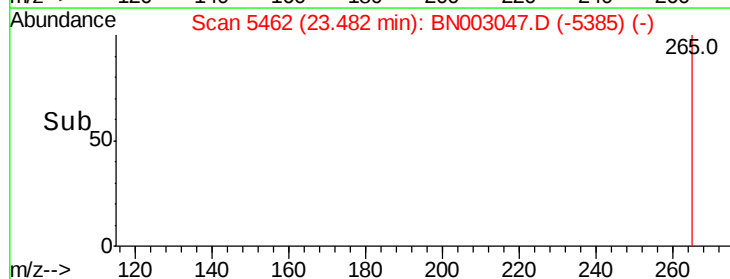
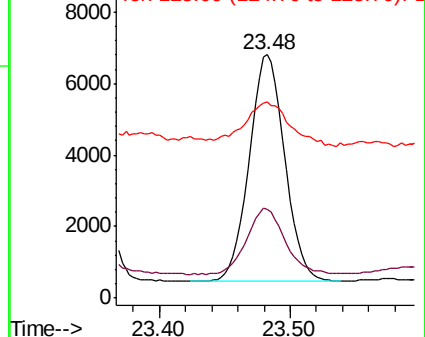
125 80.4 16.9 25.3#

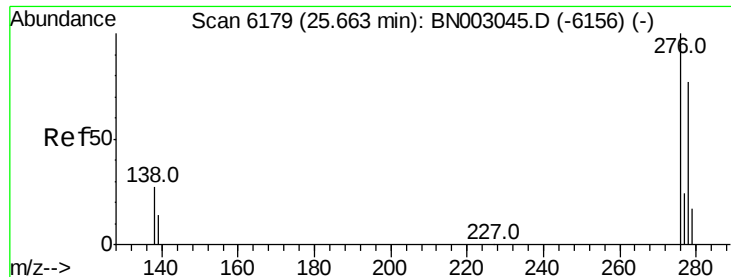


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



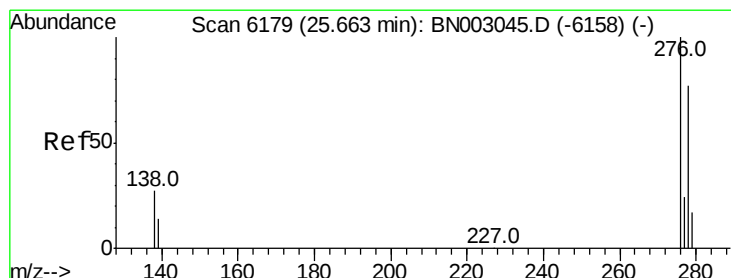
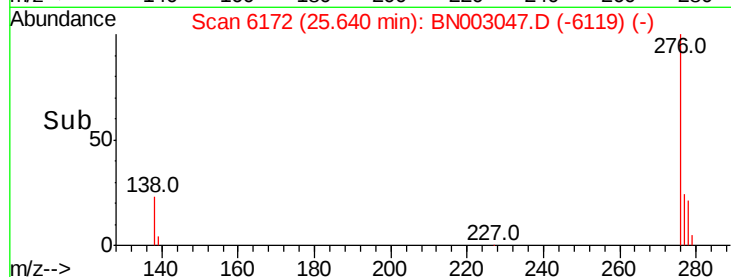
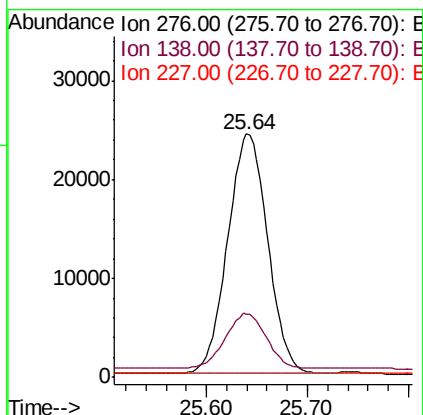
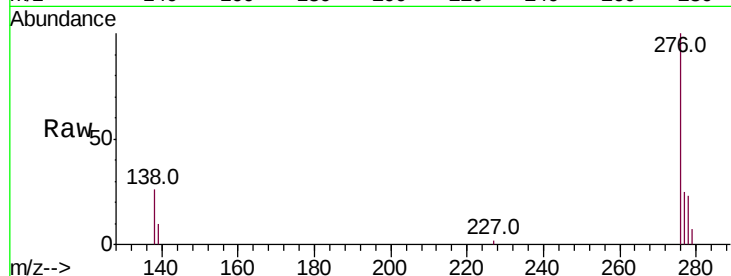


#24

Indeno(1,2,3-cd)pyrene
Concen: 57.013 ng/u1
RT: 25.64 min Scan# 6172
Delta R.T. -0.02 min
Lab File: BN003047.D
Acq: 10 Oct 2018 03:09

Instrument :
BNA_N
ClientSampleId :

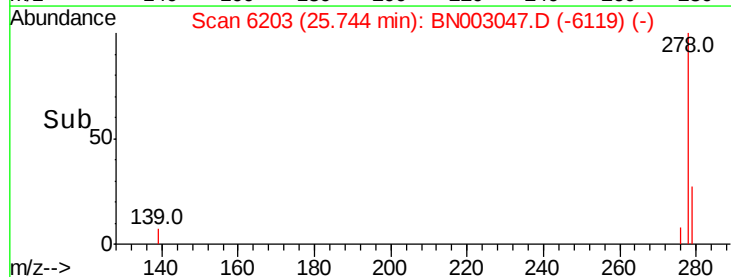
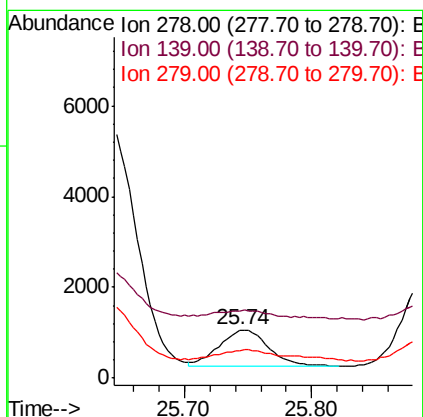
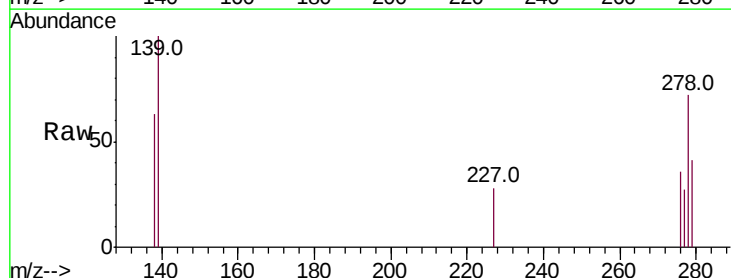
Tot Ion:276 Resp: 65764
Ion Ratio Lower Upper
276 100
138 23.8 21.5 32.3
227 0.2 0.3 0.5#

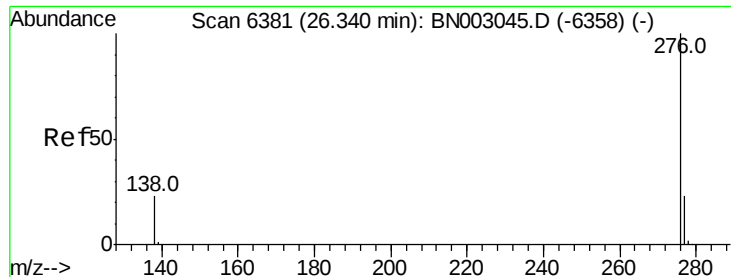


#25

Dibenzo(a,h)anthracene
Concen: 2.384 ng/u1
RT: 25.74 min Scan# 6203
Delta R.T. 0.08 min
Lab File: BN003047.D
Acq: 10 Oct 2018 03:09

Tgt Ion:278 Resp: 2201
Ion Ratio Lower Upper
278 100
139 139.4 20.2 30.4#
279 57.4 23.8 35.8#





#26

Benzo(a,h,i)perylene

Concen: 83.294 ng/ul

RT: 26.32 min Scan# 6374

Delta R.T. -0.02 min

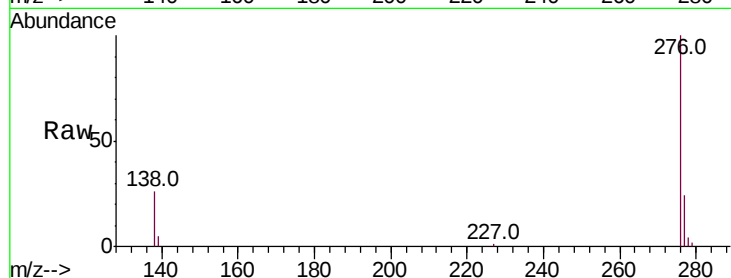
Lab File: BN003047.D

Acq: 10 Oct 2018 03:09

Instrument :

BNA_N

ClientSampleId :



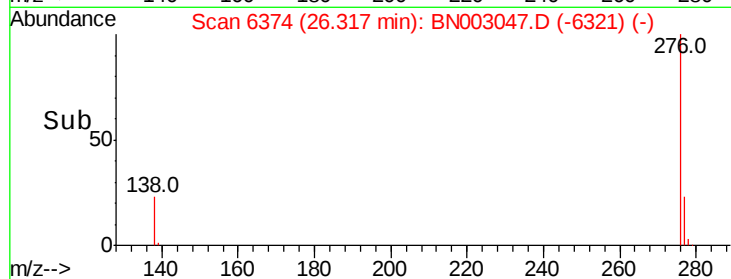
Tot Ion:276 Resp: 81016

Ion Ratio Lower Upper

276 100

138 25.9 23.0 34.4

277 24.4 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

