

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003120.D
 Acq On : 12 Oct 2018 01:18
 Operator : MJ/SJ
 Sample : J5230-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 05:38:35 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 05:29:36 2018
 Response via : Initial Calibration

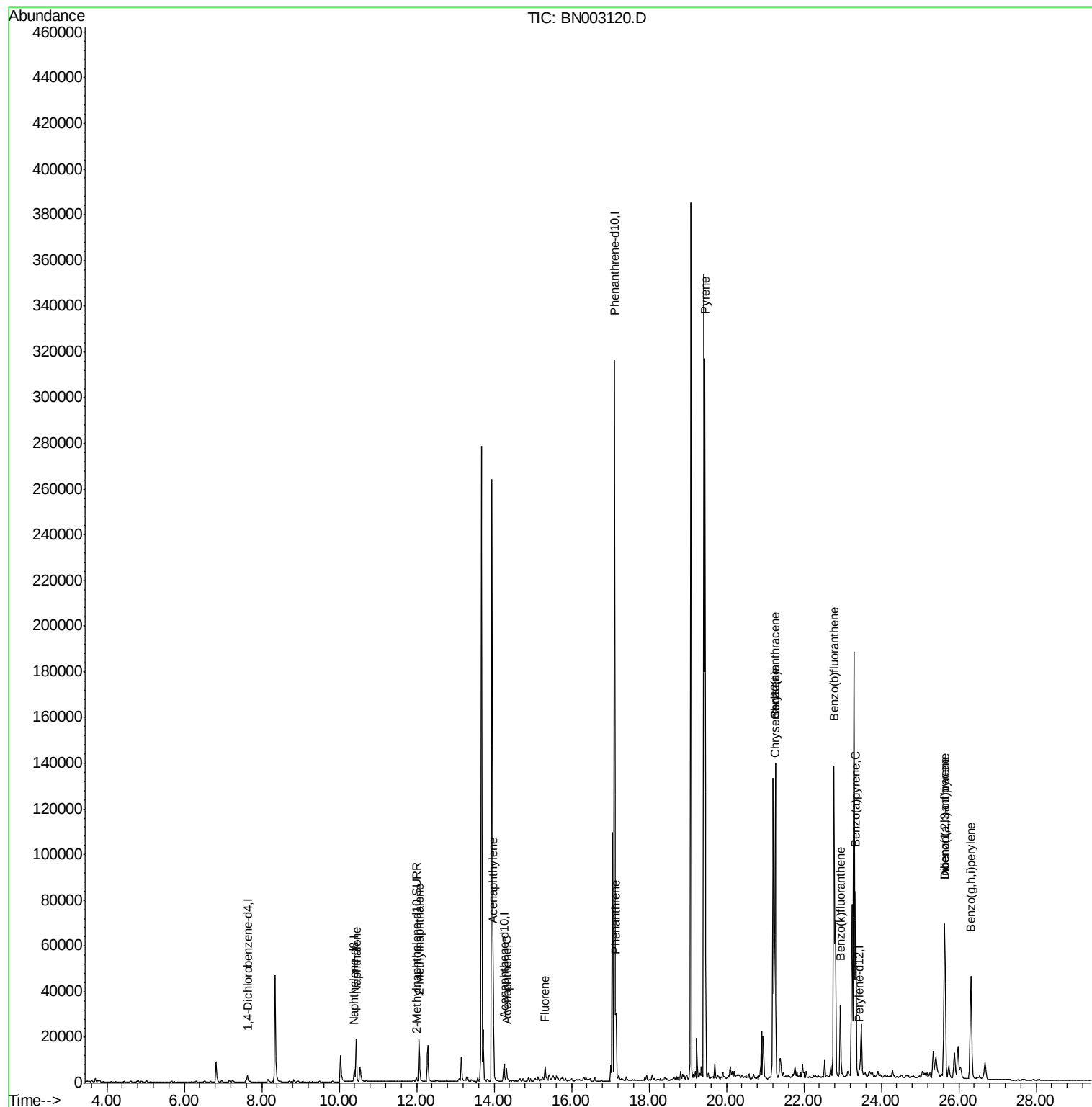
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1770	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7303	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4140	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	364805	0.40	ng/ul	0.08
16) Chrysene-d12	21.27	240	119	0.40	ng/ul	0.04
20) Perylene-d12	23.43	264	5019	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2613	0.23	ng/ul	-0.02
14) Fluoranthene-d10	19.14	212	207	0.00	ng/ul	0.08
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	26613	1.420	ng/ul	96
5) 2-Methylnaphthalene	12.07	142	15923	1.234	ng/ul	97
7) Acenaphthylene	13.98	152	41474	2.190	ng/ul	98
8) Acenaphthene	14.32	153	3554	0.247	ng/ul	98
9) Fluorene	15.32	166	4123	0.250	ng/ul#	93
12) Phenanthrene	17.15	178	41004	0.040	ng/ul	99
17) Pyrene	19.45	202	263883	570.940	ng/ul	95
18) Benzo(a)anthracene	21.26	228	143599	374.988	ng/ul	96
19) Chrysene	21.26	228	143335	368.611	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	283312	15.674	ng/ul	91
22) Benzo(k)fluoranthene	22.94	252	34178	1.824	ng/ul	99
23) Benzo(a)pyrene	23.33	252	106424	6.570	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.64	276	100441	5.396	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.63	278	28424	1.908	ng/ul	96
26) Benzo(g,h,i)perylene	26.31	276	86789	5.529	ng/ul	93

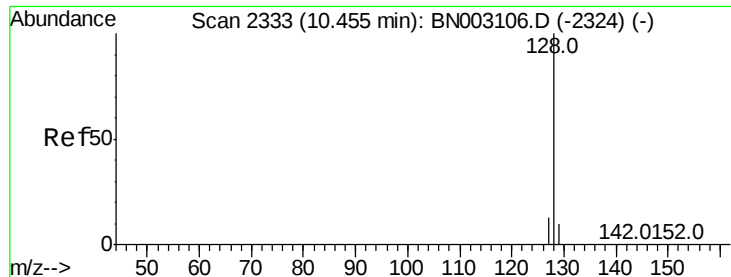
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 12 05:29:36 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.420 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003120.D

Acq: 12 Oct 2018 01:18

Instrument :

BNA_N

ClientSampleId :

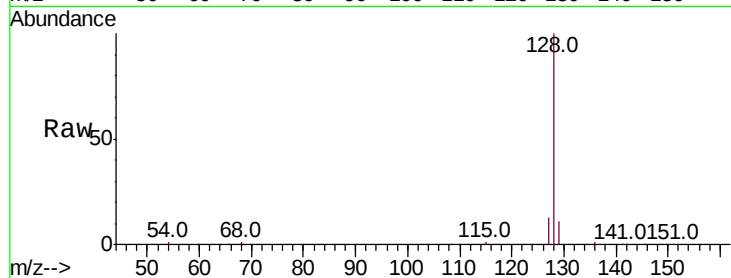
Tot Ion:128 Resp: 26613

Ion Ratio Lower Upper

128 100

129 11.3 10.4 15.6

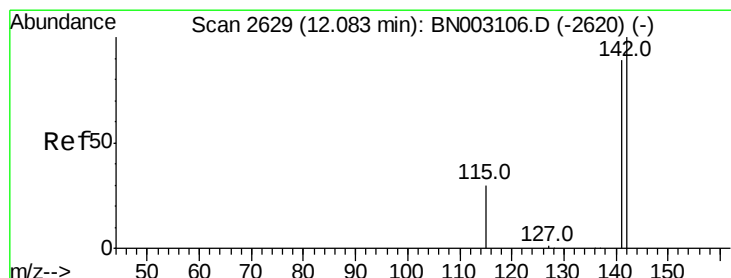
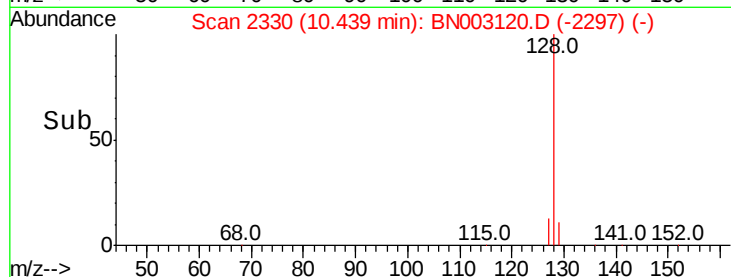
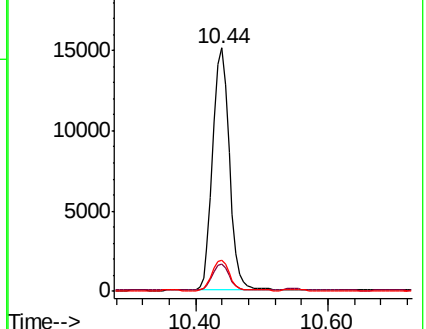
127 13.0 11.7 17.5



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: 1.234 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BN003120.D

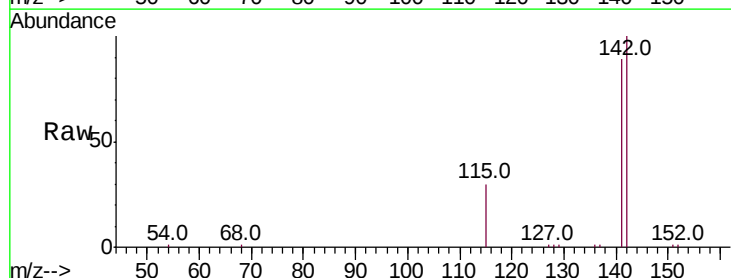
Acq: 12 Oct 2018 01:18

Tgt Ion:142 Resp: 15923

Ion Ratio Lower Upper

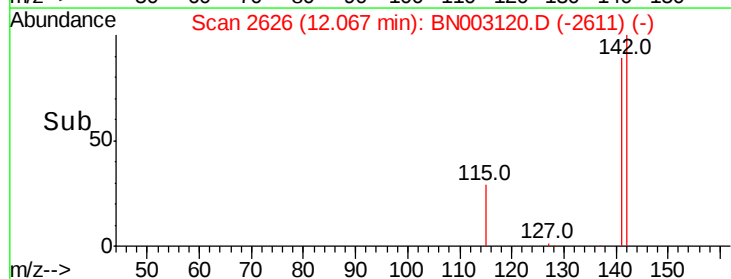
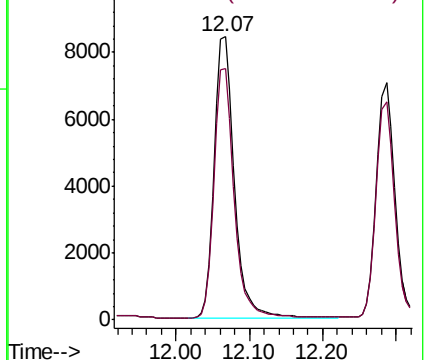
142 100

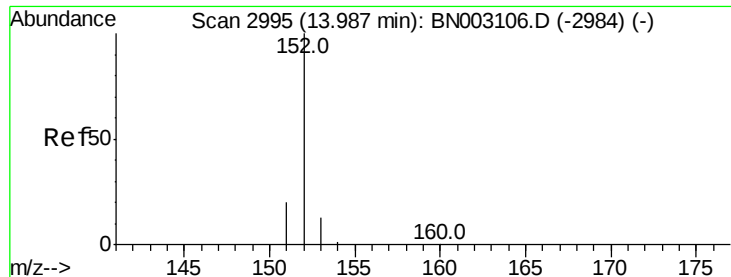
141 88.7 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 2.190 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN003120.D

Acq: 12 Oct 2018 01:18

Instrument :

BNA_N

ClientSampleId :

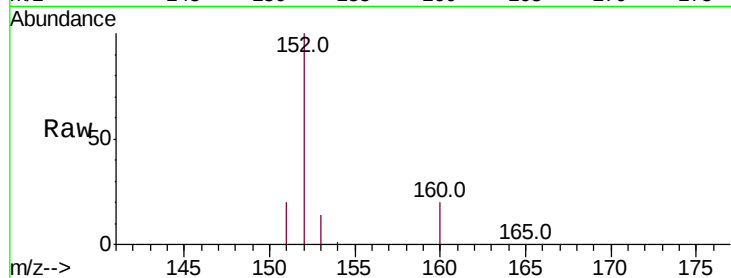
Tot Ion:152 Resp: 41474

Ion Ratio Lower Upper

152 100

151 19.8 16.5 24.7

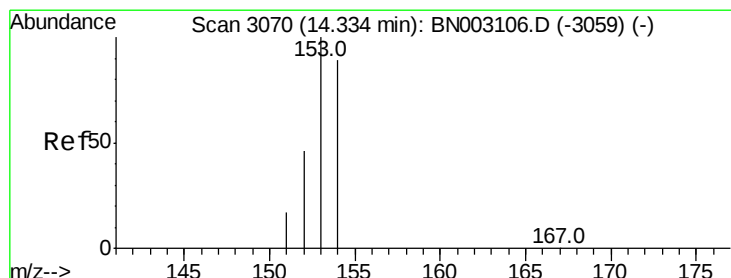
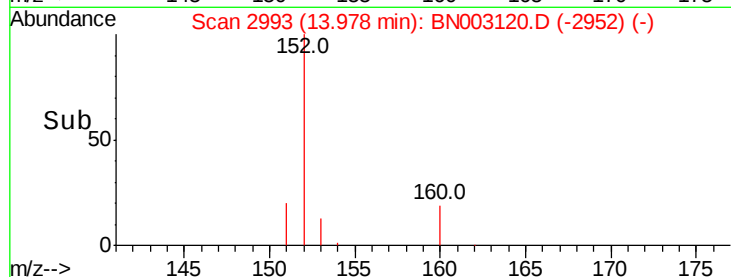
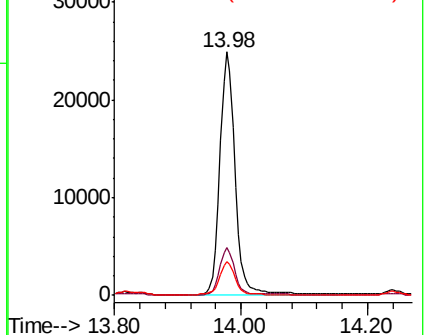
153 13.7 11.4 17.2



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: 0.247 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN003120.D

Acq: 12 Oct 2018 01:18

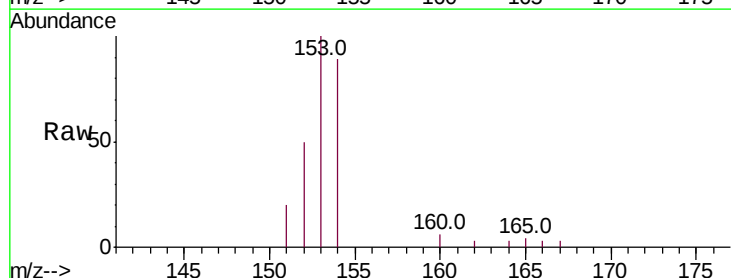
Tgt Ion:153 Resp: 3554

Ion Ratio Lower Upper

153 100

152 50.4 38.2 57.4

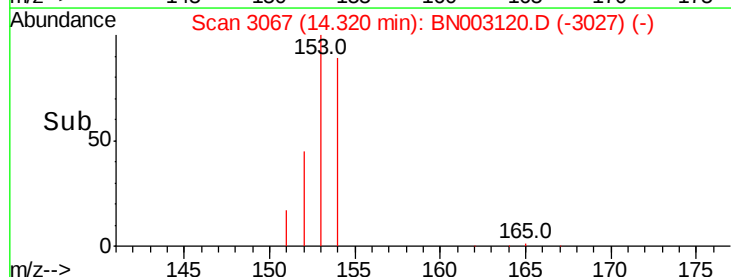
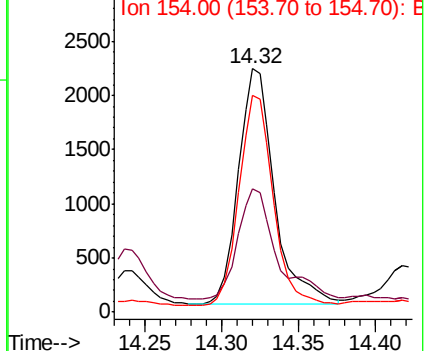
154 89.3 70.2 105.2

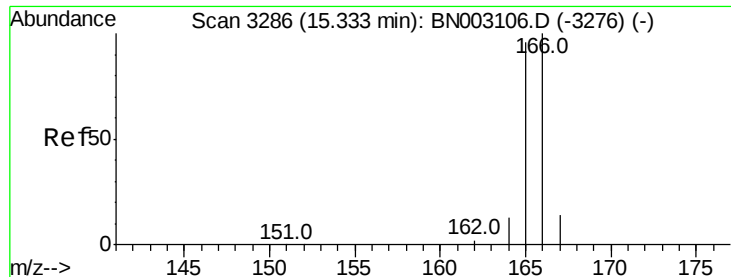


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.250 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.01 min

Lab File: BN003120.D

Acq: 12 Oct 2018 01:18

Instrument :

BNA_N

ClientSampleId :

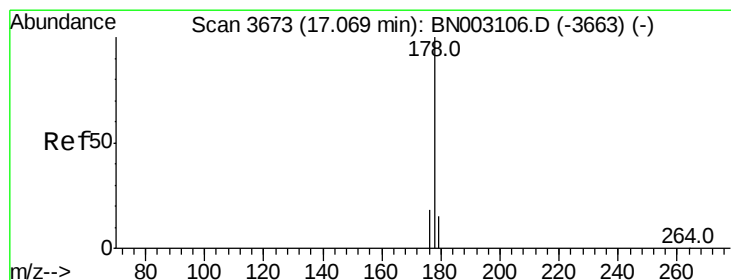
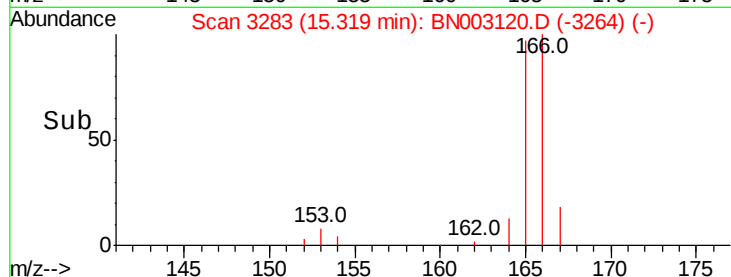
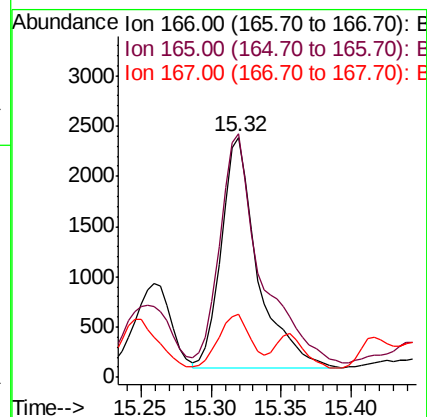
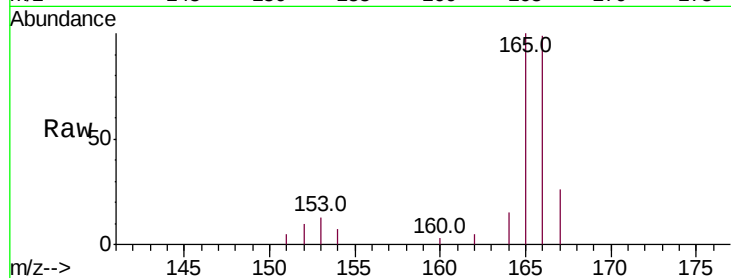
Tot Ion:166 Resp: 4123

Ion Ratio Lower Upper

166 100

165 101.5 78.5 117.7

167 26.2 11.6 17.4#



#12

Phenanthrene

Concen: 0.040 ng/ul

RT: 17.15 min Scan# 3691

Delta R.T. 0.08 min

Lab File: BN003120.D

Acq: 12 Oct 2018 01:18

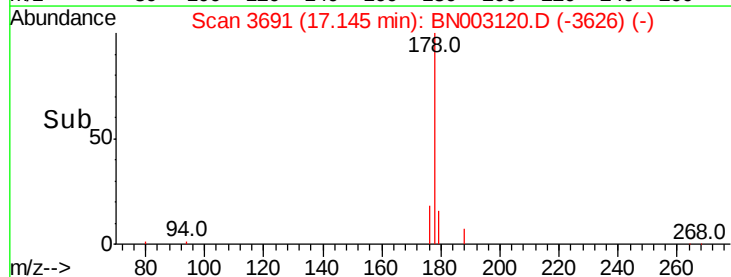
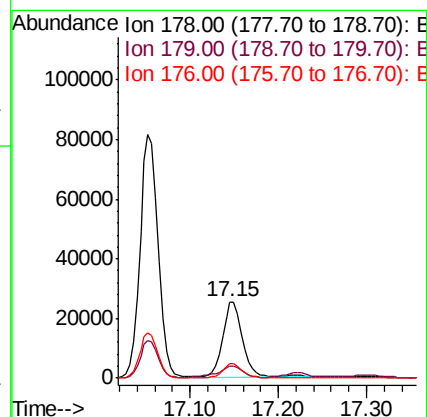
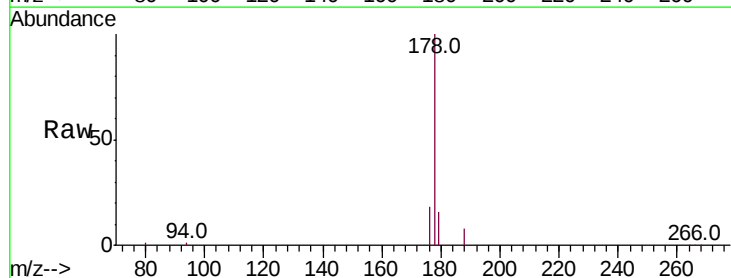
Tgt Ion:178 Resp: 41004

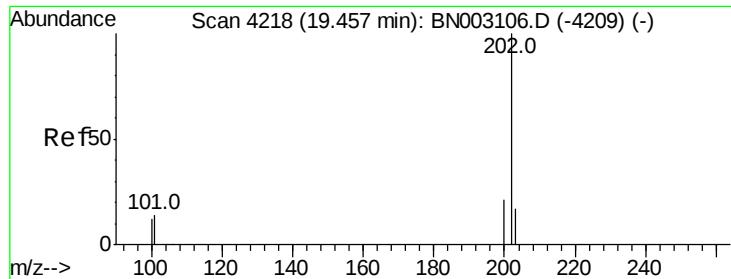
Ion Ratio Lower Upper

178 100

179 16.1 12.9 19.3

176 18.2 15.4 23.2

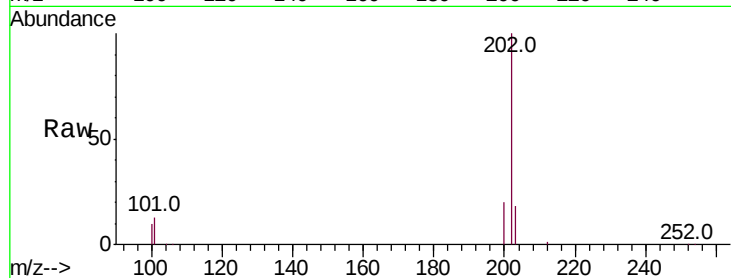




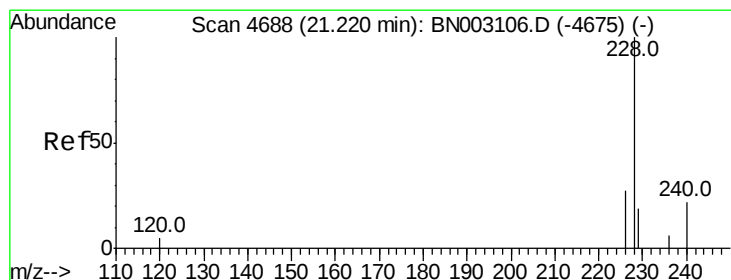
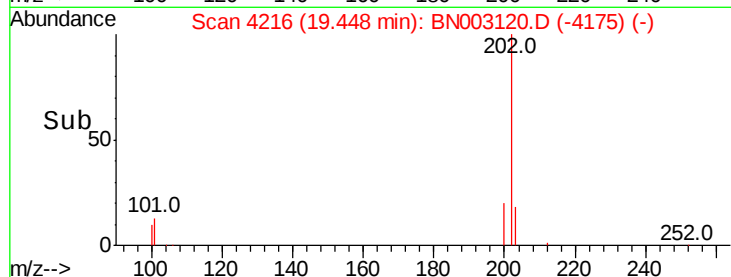
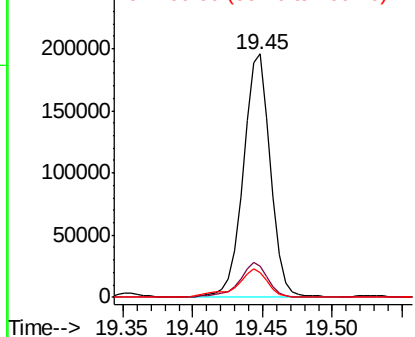
#17
Pvrene
Concen: 570.940 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.9	17.9
100	10.2	9.9	14.9

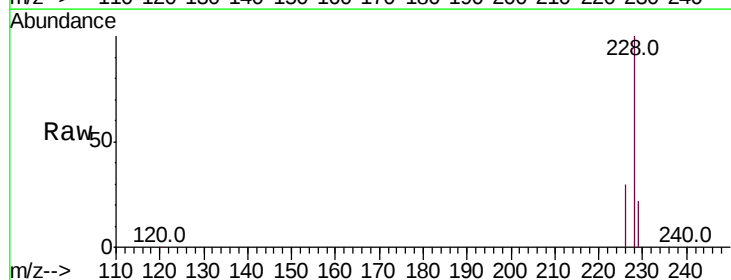


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

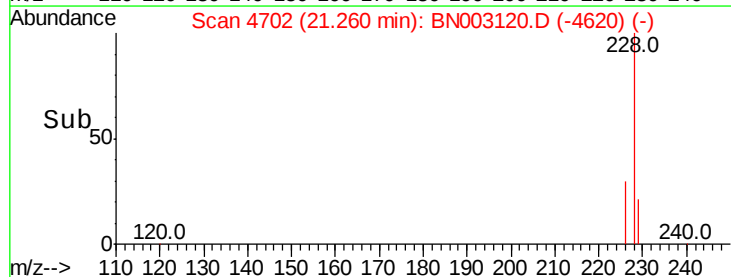
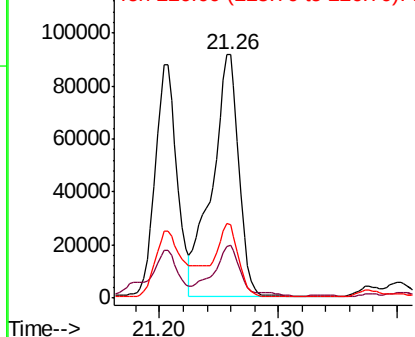


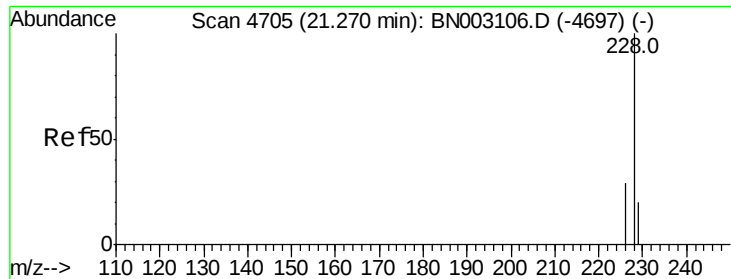
#18
Benzo(a)anthracene
Concen: 374.988 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. 0.04 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.2	24.2
226	30.0	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: 368.611 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003120.D

Acq: 12 Oct 2018 01:18

Instrument :

BNA_N

ClientSampleId :

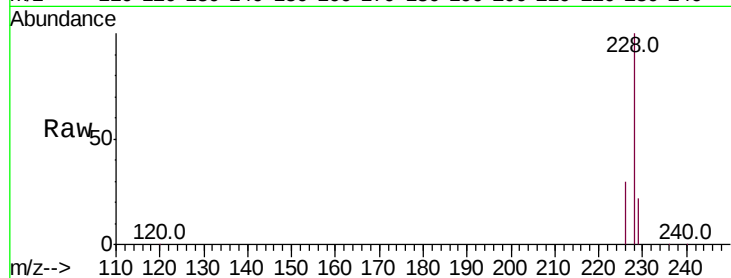
Tot Ion:228 Resp: 143335

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.4

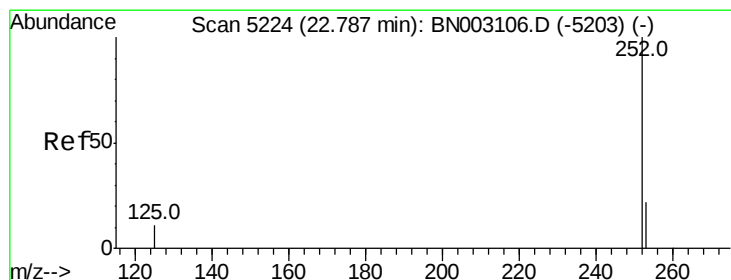
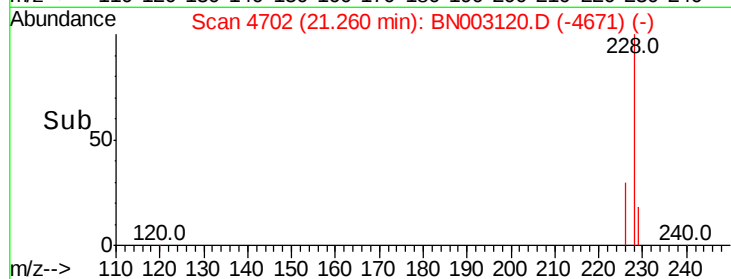
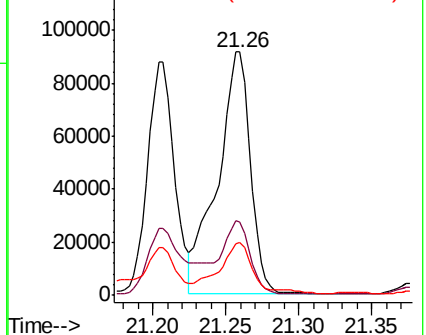
229 21.6 16.7 25.1



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: 15.674 ng/ul

RT: 22.77 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN003120.D

Acq: 12 Oct 2018 01:18

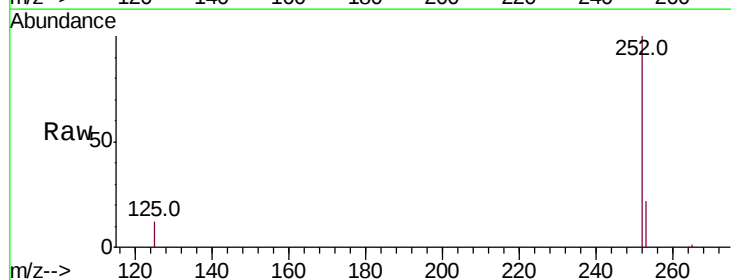
Tgt Ion:252 Resp: 283312

Ion Ratio Lower Upper

252 100

253 22.4 0.0 53.2

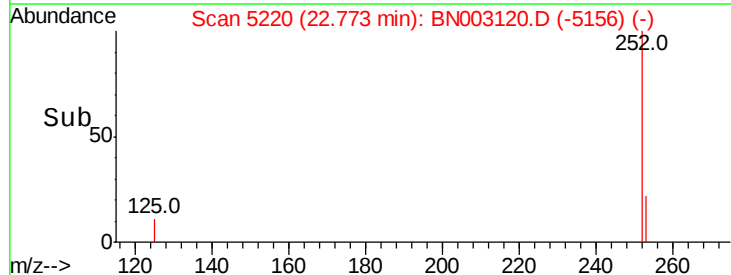
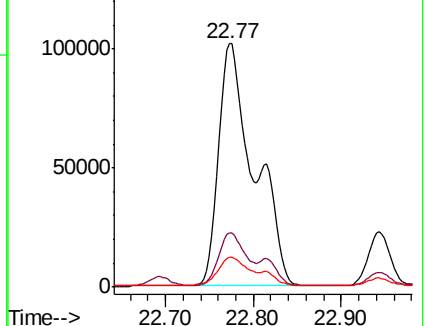
125 12.1 0.0 34.2

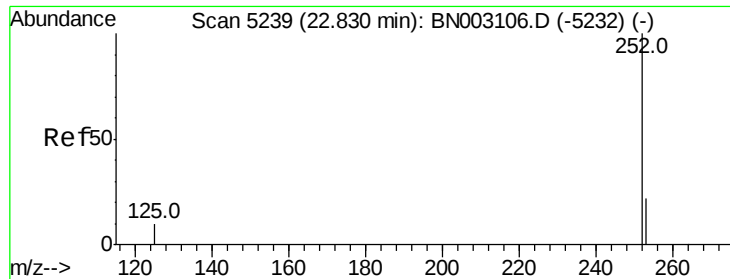


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

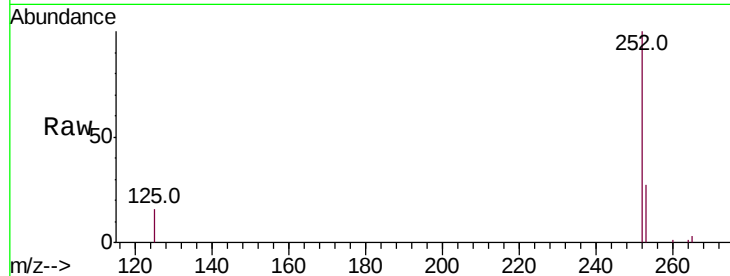




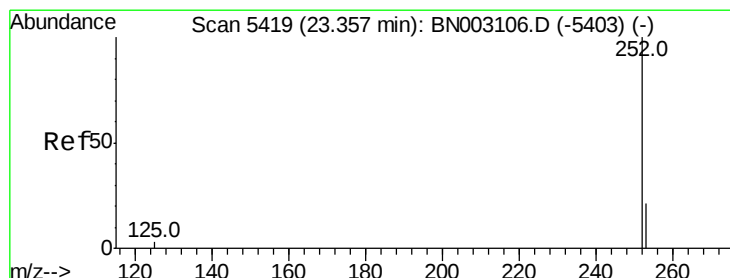
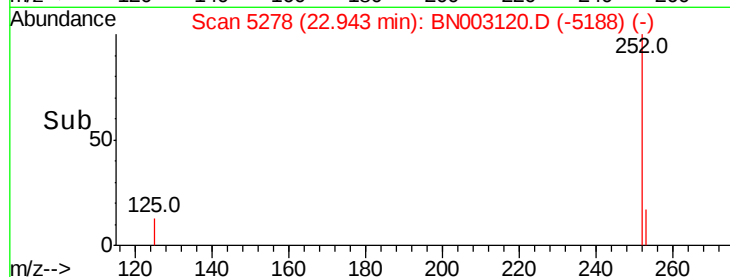
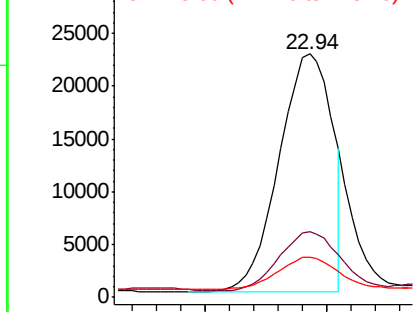
#22
Benzo(k)fluoranthene
Concen: 1.824 ng/ul
RT: 22.94 min Scan# 5278
Delta R.T. 0.11 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 34178
Ion Ratio Lower Upper
252 100
253 26.8 21.3 31.9
125 16.4 14.1 21.1

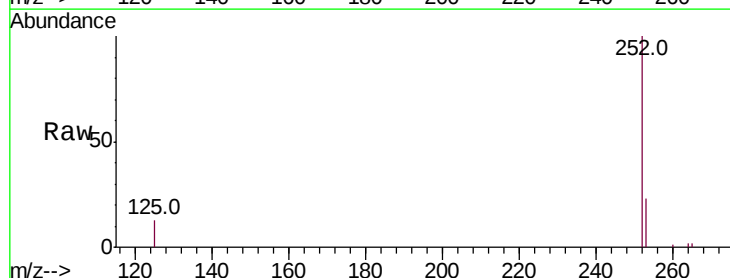


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

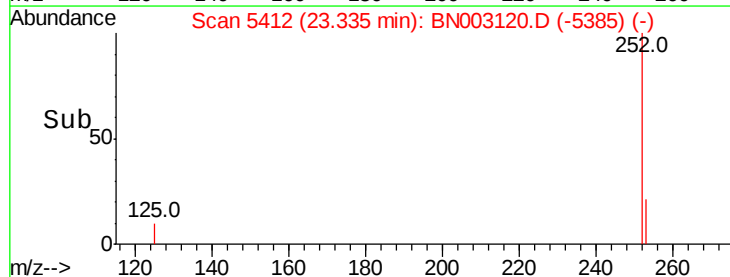
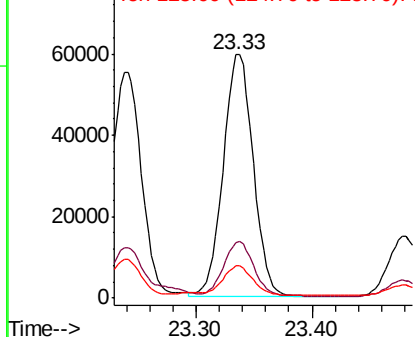


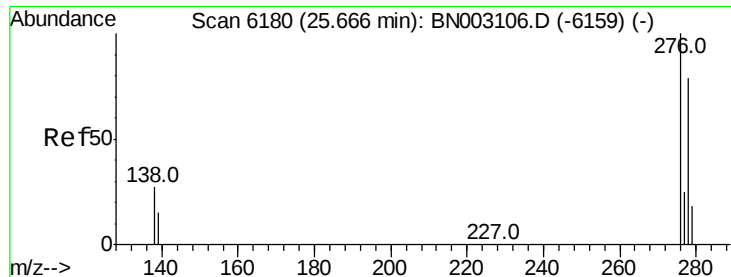
#23
Benzo(a)pyrene
Concen: 6.570 ng/ul
RT: 23.33 min Scan# 5412
Delta R.T. -0.02 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

Tgt Ion:252 Resp: 106424
Ion Ratio Lower Upper
252 100
253 23.0 23.1 34.7#
125 13.2 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



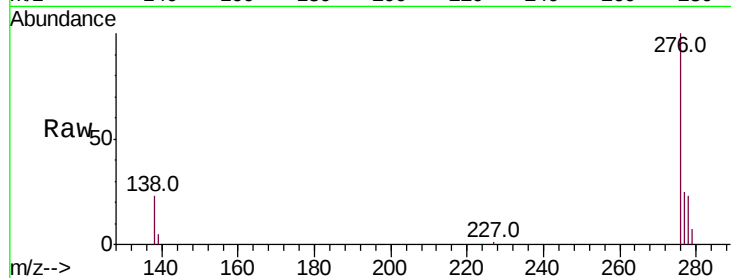


#24

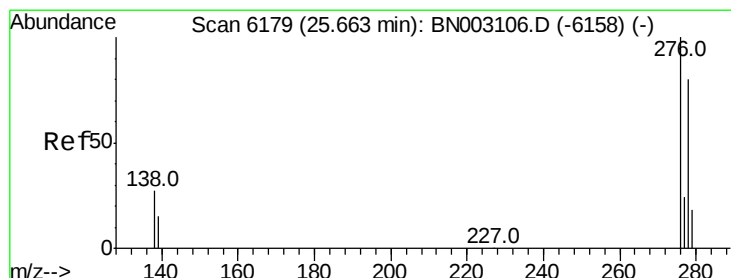
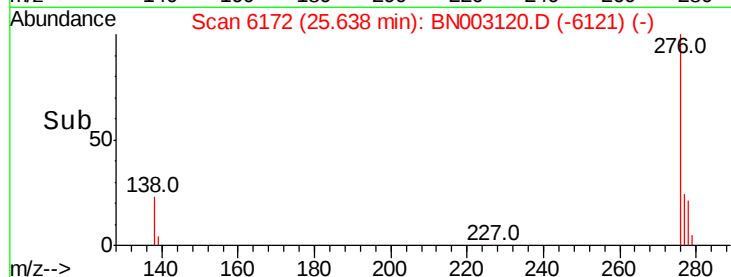
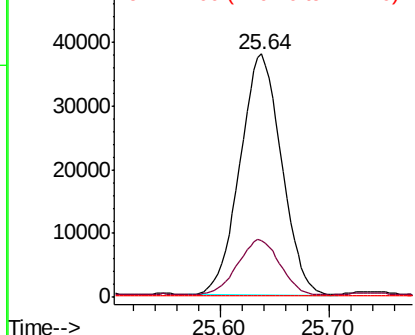
Indeno(1,2,3-cd)pyrene
Concen: 5.396 ng/ul
RT: 25.64 min Scan# 6172
Delta R.T. -0.03 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 100441
Ion Ratio Lower Upper
276 100
138 23.7 21.5 32.3
227 0.2 0.3 0.5#



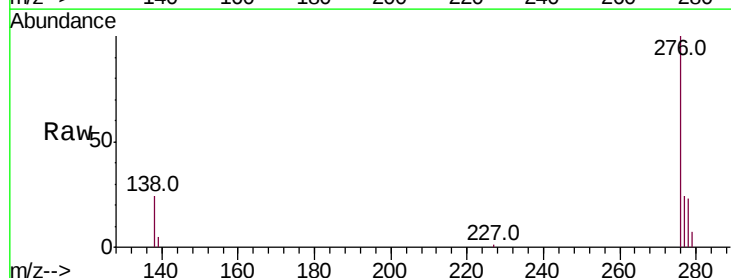
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



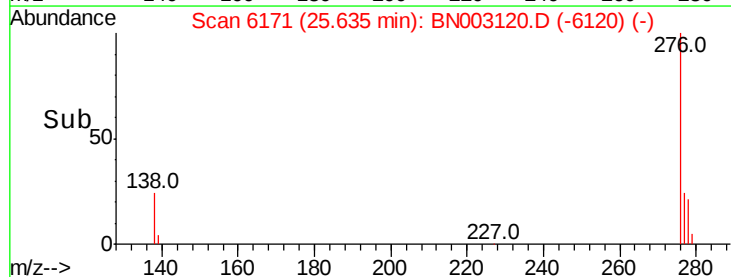
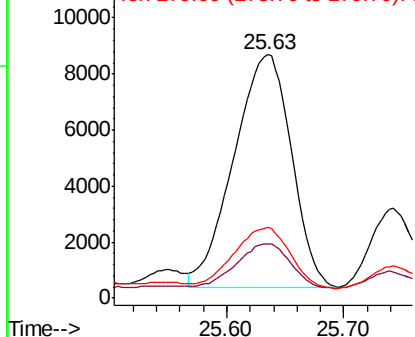
#25

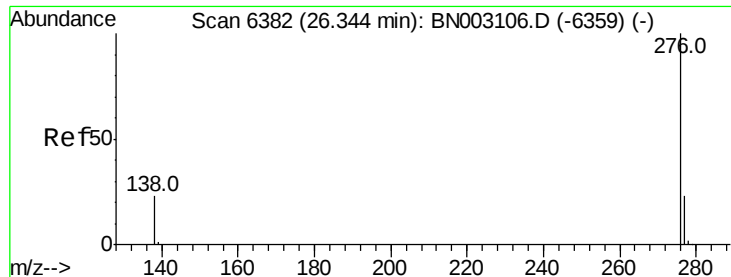
Dibenzo(a,h)anthracene
Concen: 1.908 ng/ul
RT: 25.63 min Scan# 6171
Delta R.T. -0.03 min
Lab File: BN003120.D
Acq: 12 Oct 2018 01:18

Tgt Ion:278 Resp: 28424
Ion Ratio Lower Upper
278 100
139 22.5 20.2 30.4
279 28.8 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(a,h,i)perylene

Concen: 5.529 ng/ul

RT: 26.31 min Scan# 6373

Delta R.T. -0.03 min

Lab File: BN003120.D

Acq: 12 Oct 2018 01:18

Instrument :

BNA_N

ClientSampleId :

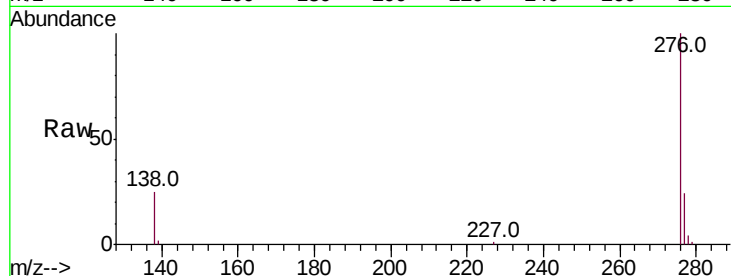
Tot Ion:276 Resp: 86789

Ion Ratio Lower Upper

276 100

138 24.8 23.0 34.4

277 24.0 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

