

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003119.D
 Acq On : 12 Oct 2018 00:43
 Operator : MJ/SJ
 Sample : J5230-11DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 05:38:28 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

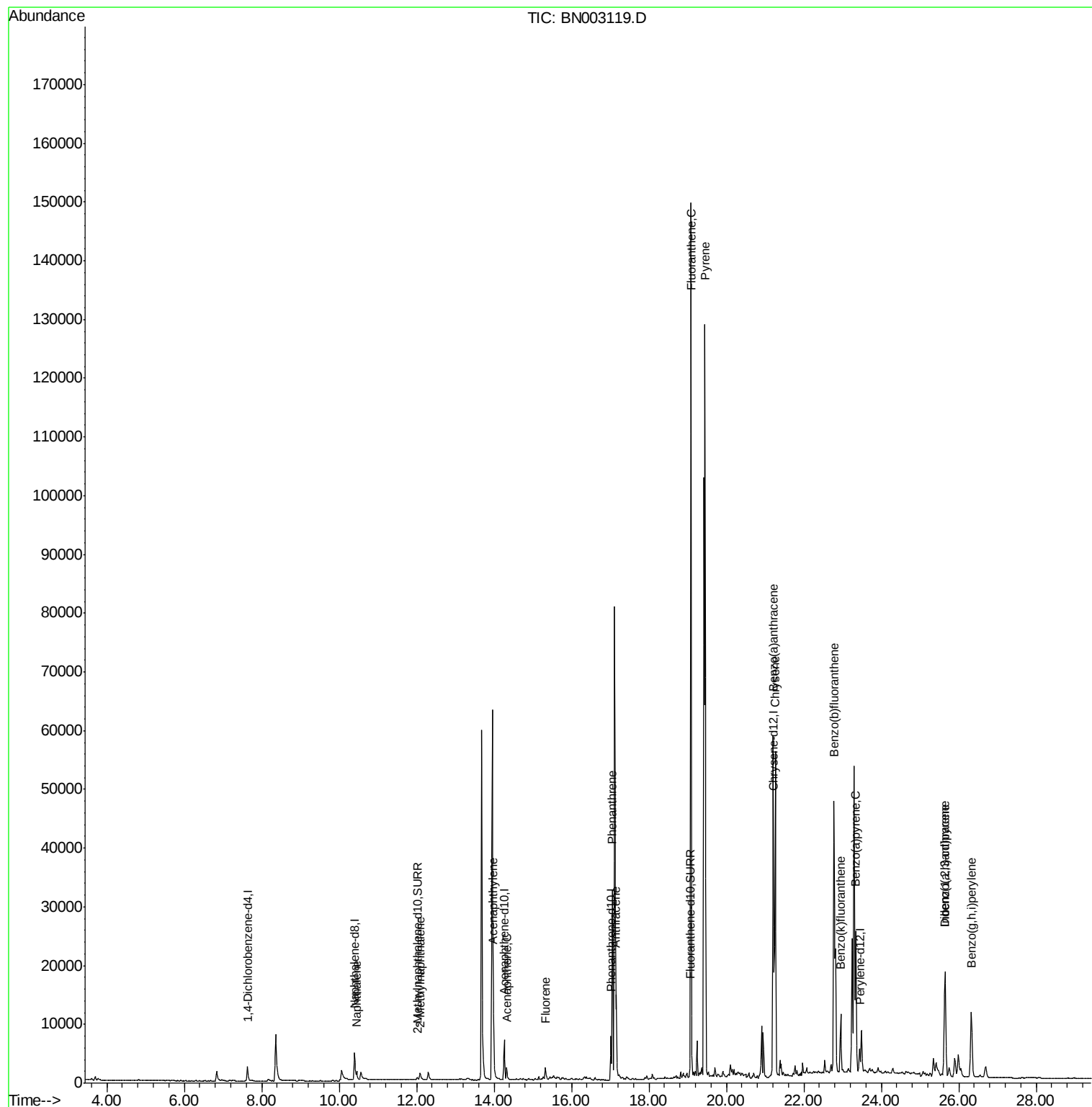
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1594	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.40	136	6816	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3946	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8714	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	6377	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5315	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	629	0.06	ng/ul	0.01
14) Fluoranthene-d10	19.05	212	1422	0.06	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.45	128	2102	0.120	ng/ul	94
5) 2-Methylnaphthalene	12.09	142	1307	0.109	ng/ul	98
7) Acenaphthylene	13.98	152	14840	0.822	ng/ul	98
8) Acenaphthene	14.32	153	1369	0.100	ng/ul	97
9) Fluorene	15.32	166	1624	0.103	ng/ul#	95
12) Phenanthrene	17.06	178	34608	1.425	ng/ul	99
13) Anthracene	17.15	178	16464	0.718	ng/ul	99
15) Fluoranthene	19.09	202	126978	4.456	ng/ul	97
17) Pyrene	19.45	202	109002	4.401	ng/ul	97
18) Benzo(a)anthracene	21.21	228	49025	2.389	ng/ul	99
19) Chrysene	21.26	228	57705	2.769	ng/ul	100
21) Benzo(b)fluoranthene	22.78	252	94762	4.951	ng/ul	92
22) Benzo(k)fluoranthene	22.95	252	10745	0.541	ng/ul	96
23) Benzo(a)pyrene	23.34	252	34145	1.990	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.64	276	27573	1.399	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	7981	0.506	ng/ul	98
26) Benzo(a,h,i)perylene	26.33	276	22985	1.383	ng/ul	94

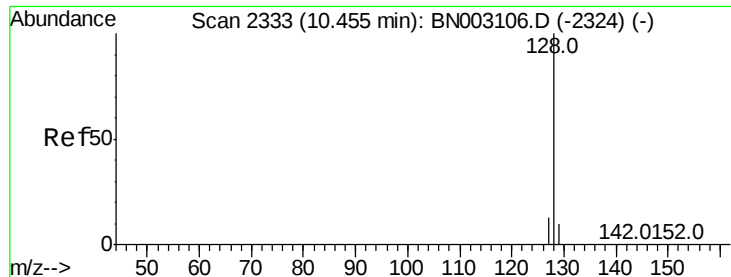
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.120 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN003119.D

Acq: 12 Oct 2018 00:43

Instrument :

BNA_N

ClientSampled :

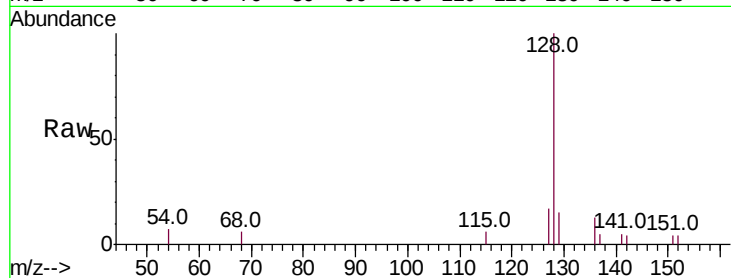
Tot Ion:128 Resp: 2102

Ion Ratio Lower Upper

128 100

129 15.3 10.4 15.6

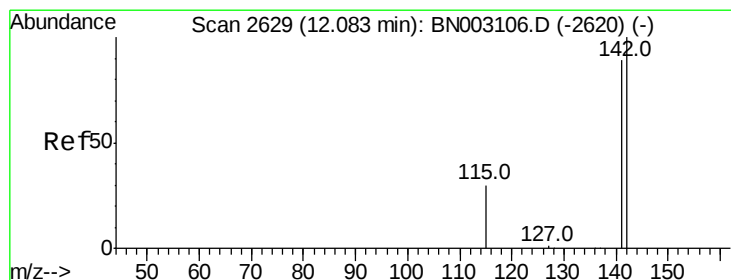
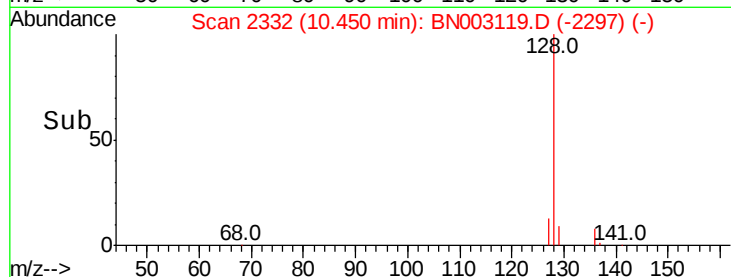
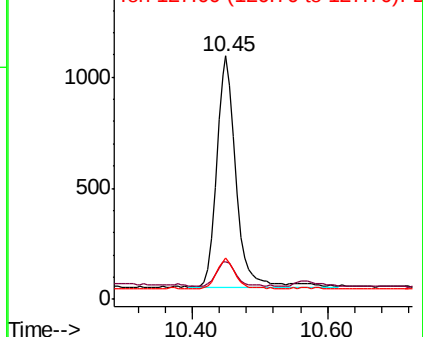
127 17.1 11.7 17.5



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: 0.109 ng/ul

RT: 12.09 min Scan# 2630

Delta R.T. 0.01 min

Lab File: BN003119.D

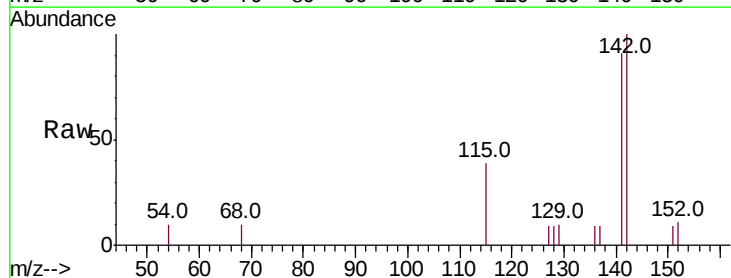
Acq: 12 Oct 2018 00:43

Tgt Ion:142 Resp: 1307

Ion Ratio Lower Upper

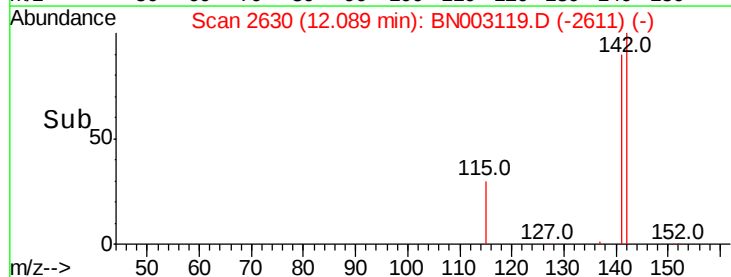
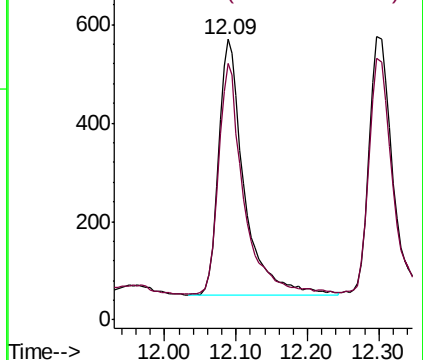
142 100

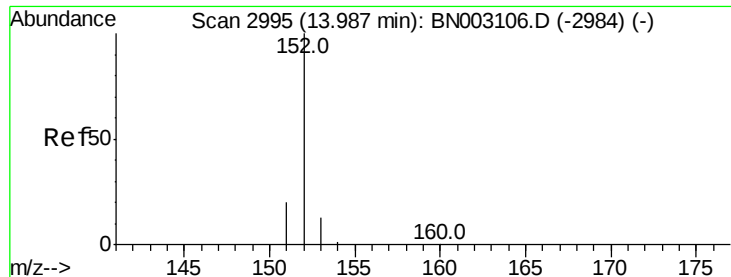
141 89.4 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.822 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN003119.D

Acq: 12 Oct 2018 00:43

Instrument :

BNA_N

ClientSampled :

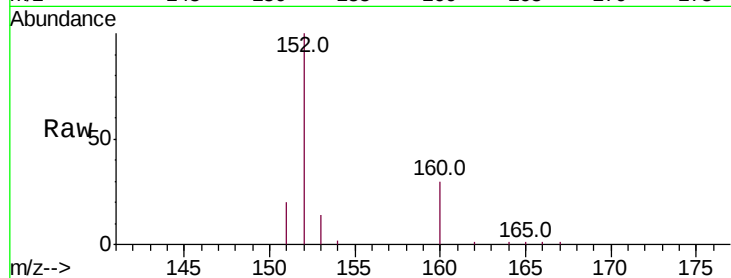
Tot Ion:152 Resp: 14840

Ion Ratio Lower Upper

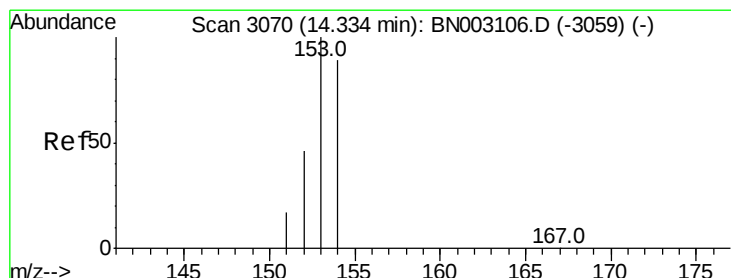
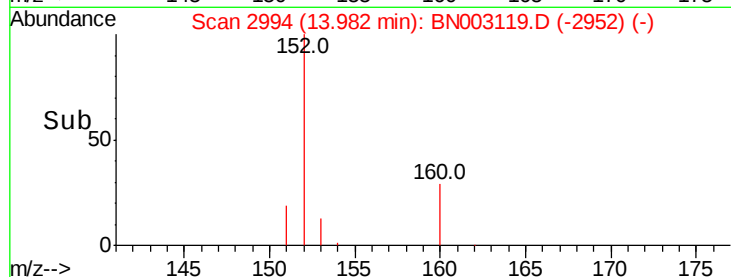
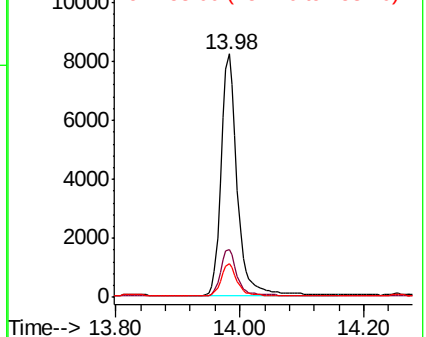
152 100

151 19.7 16.5 24.7

153 13.6 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: 0.100 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003119.D

Acq: 12 Oct 2018 00:43

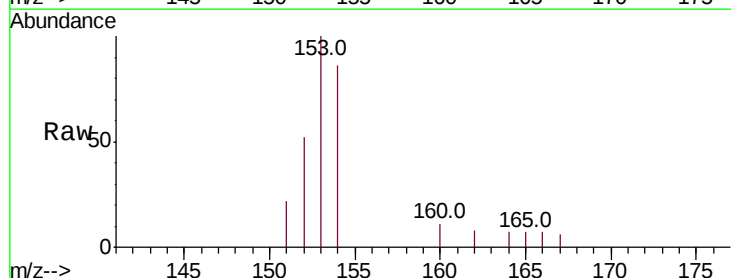
Tgt Ion:153 Resp: 1369

Ion Ratio Lower Upper

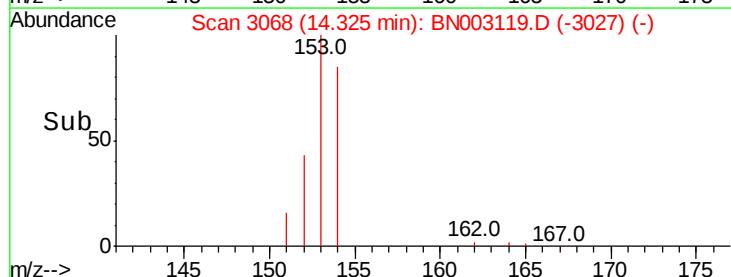
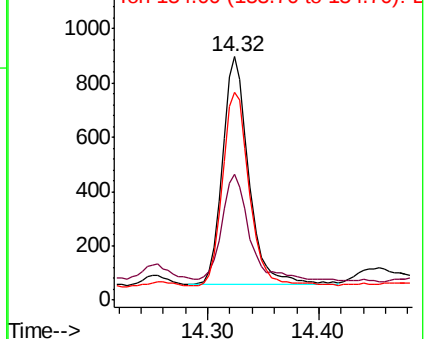
153 100

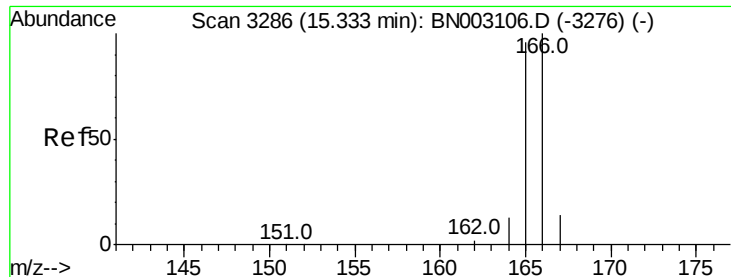
152 51.5 38.2 57.4

154 85.5 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: 0.103 ng/ul

RT: 15.32 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN003119.D

Acq: 12 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

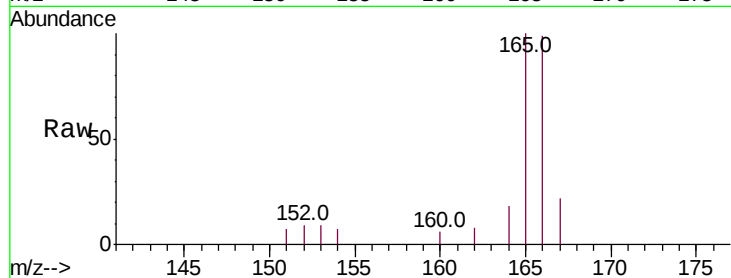
Tot Ion:166 Resp: 1624

Ion Ratio Lower Upper

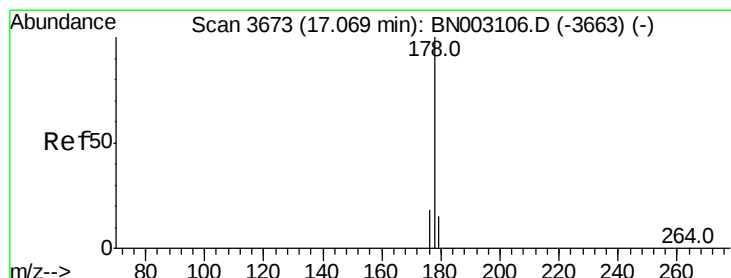
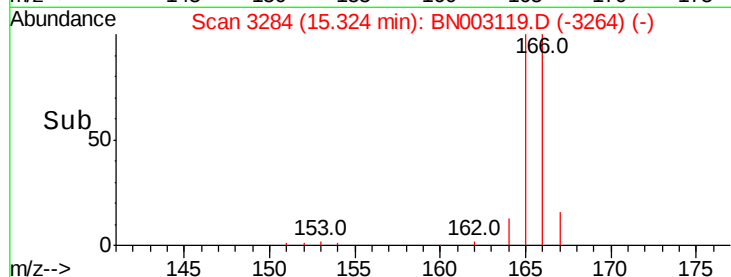
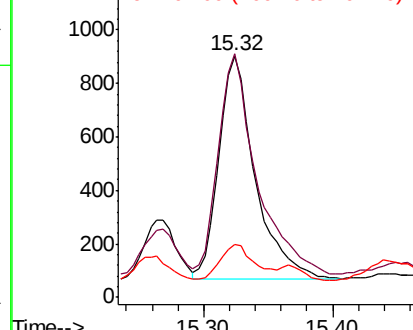
166 100

165 100.8 78.5 117.7

167 22.0 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: 1.425 ng/ul

RT: 17.06 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BN003119.D

Acq: 12 Oct 2018 00:43

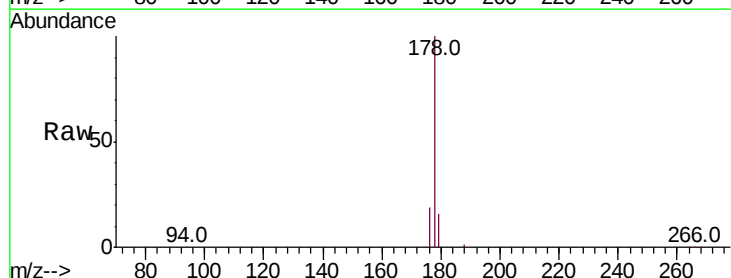
Tgt Ion:178 Resp: 34608

Ion Ratio Lower Upper

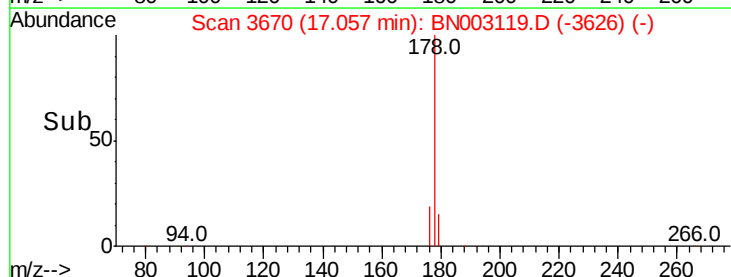
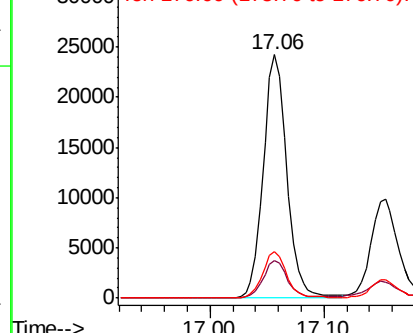
178 100

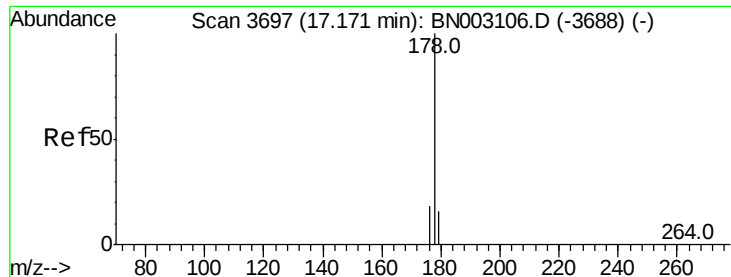
179 15.5 12.9 19.3

176 18.9 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: 0.718 ng/ul

RT: 17.15 min Scan# 3693

Delta R.T. -0.02 min

Lab File: BN003119.D

Acq: 12 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

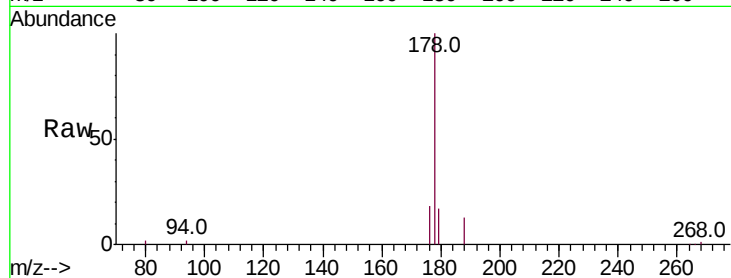
Tot Ion:178 Resp: 16464

Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.6

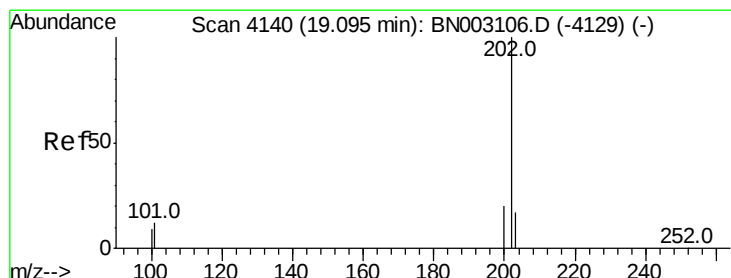
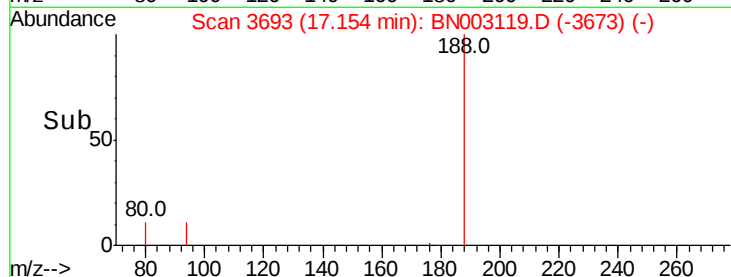
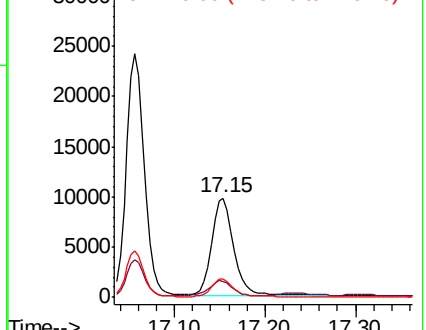
176 18.3 15.3 22.9



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: 4.456 ng/ul

RT: 19.09 min Scan# 4138

Delta R.T. -0.01 min

Lab File: BN003119.D

Acq: 12 Oct 2018 00:43

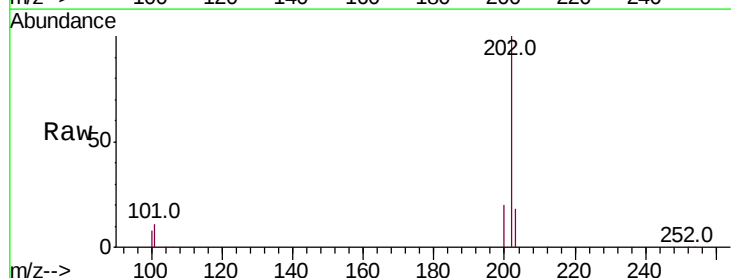
Tgt Ion:202 Resp: 126978

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.3

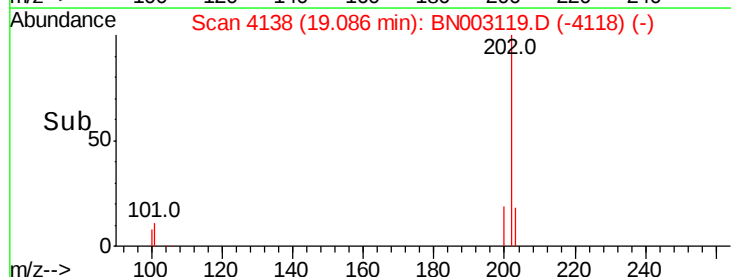
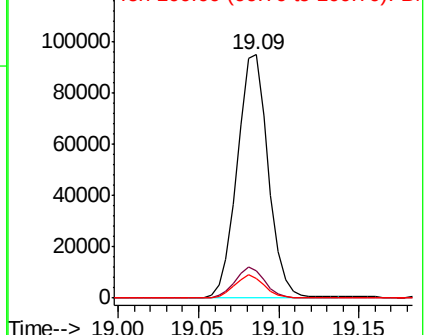
100 8.2 0.0 29.1

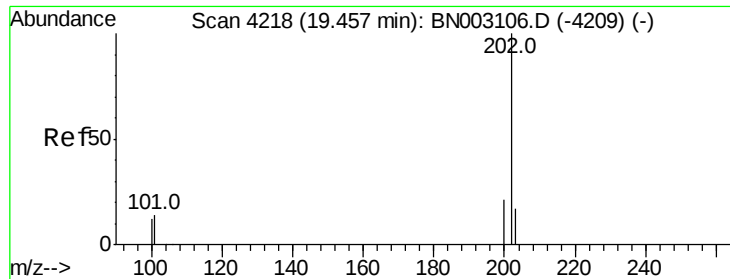


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

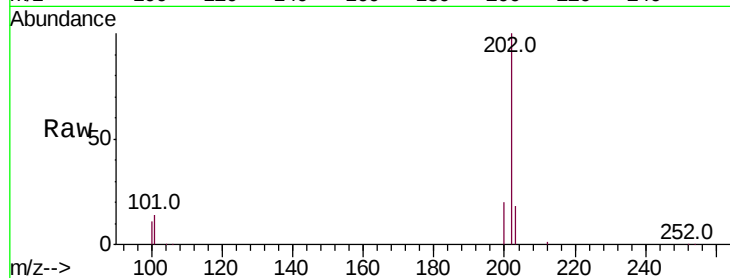




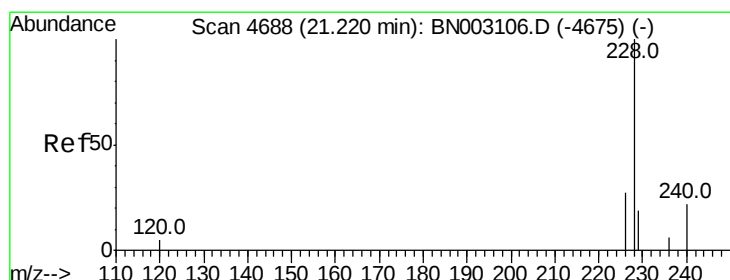
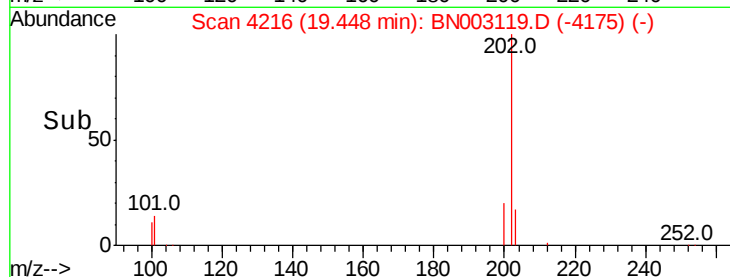
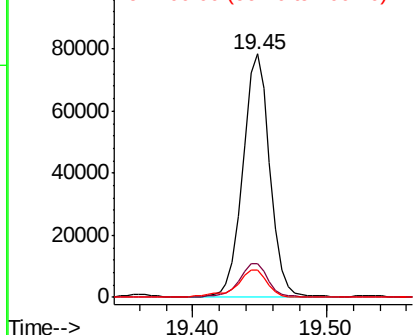
#17
Pvrene
Concen: 4.401 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 109002
Ion Ratio Lower Upper
202 100
101 13.8 11.9 17.9
100 11.1 9.9 14.9

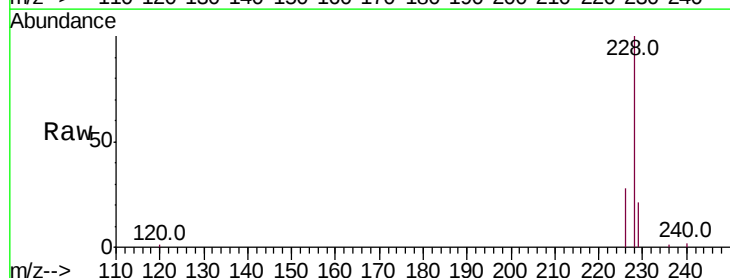


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

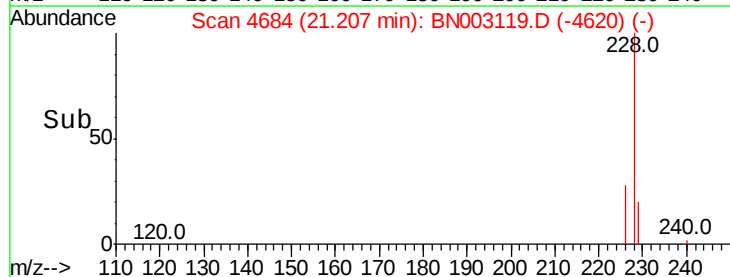
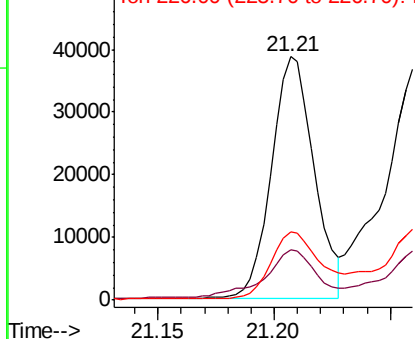


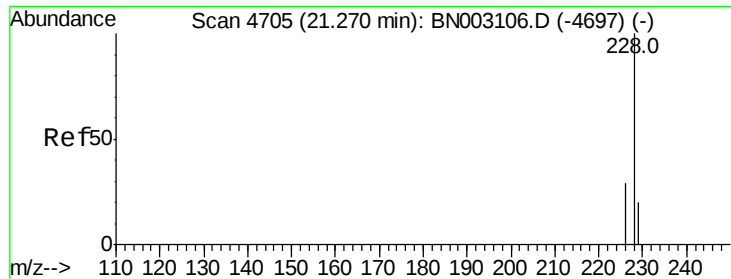
#18
Benzo(a)anthracene
Concen: 2.389 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:228 Resp: 49025
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 28.1 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: 2.769 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003119.D

Acq: 12 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :

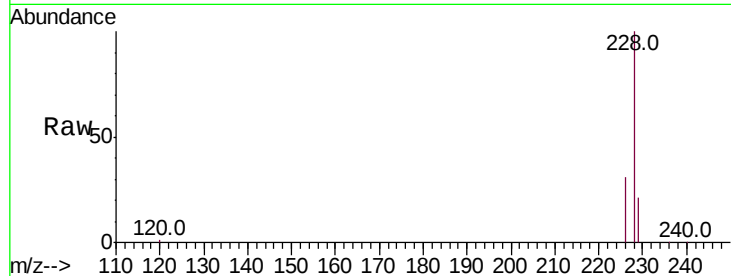
Tot Ion:228 Resp: 57705

Ion Ratio Lower Upper

228 100

226 30.5 24.2 36.4

229 21.1 16.7 25.1

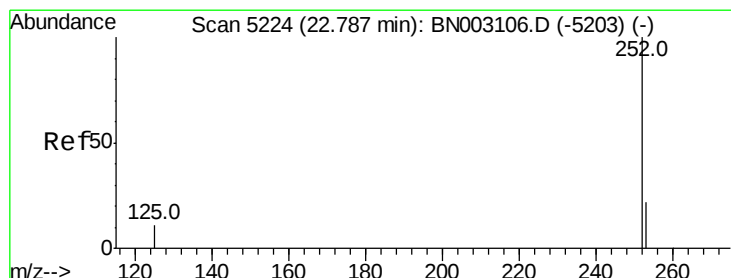
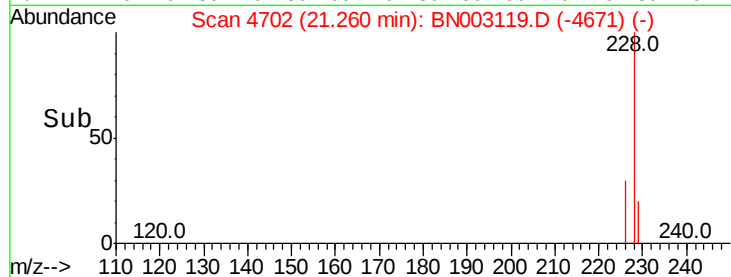
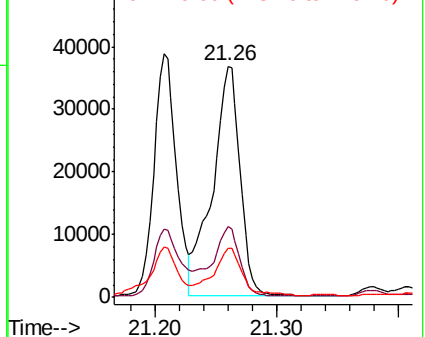


Abundance

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: 4.951 ng/ul

RT: 22.78 min Scan# 5221

Delta R.T. -0.01 min

Lab File: BN003119.D

Acq: 12 Oct 2018 00:43

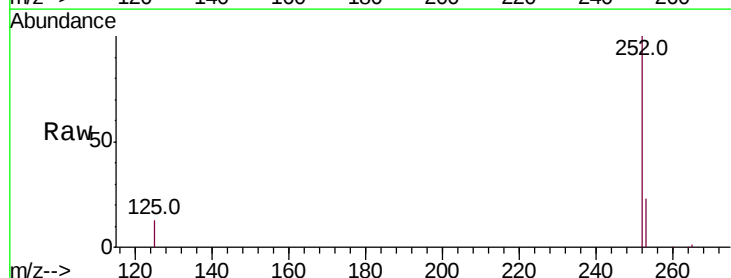
Tgt Ion:252 Resp: 94762

Ion Ratio Lower Upper

252 100

253 22.9 0.0 53.2

125 12.6 0.0 34.2

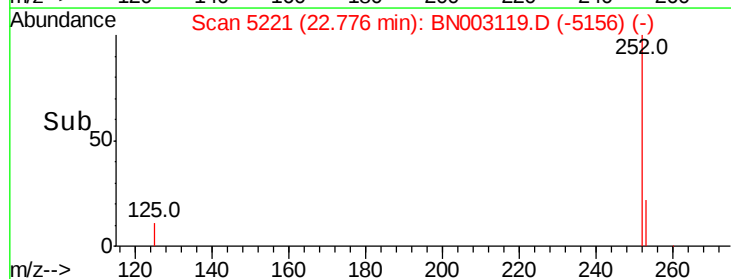
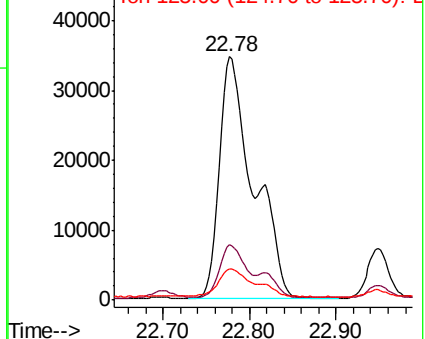


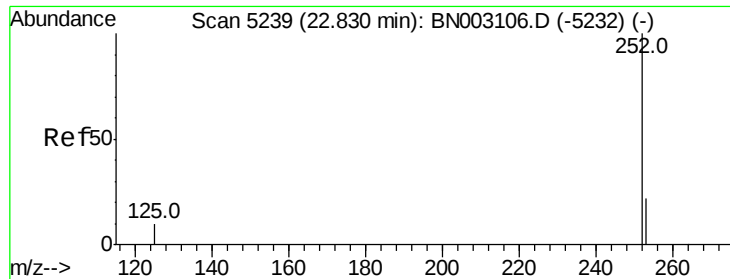
Abundance

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

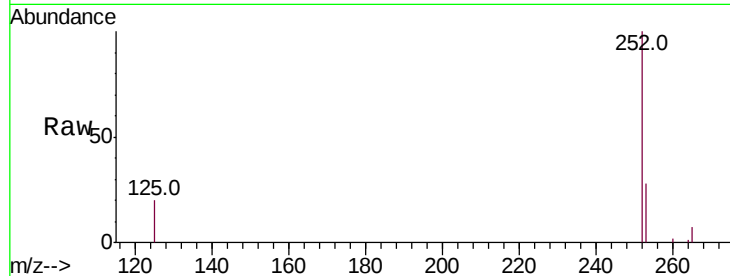




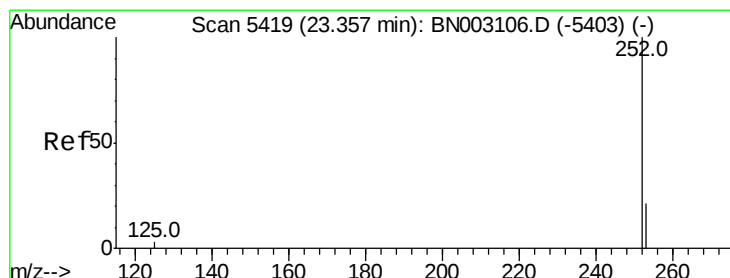
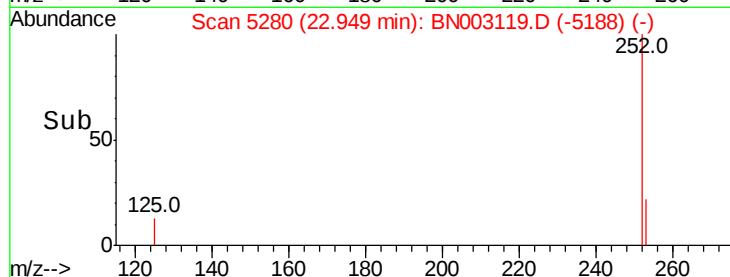
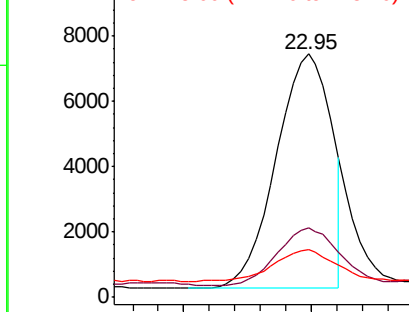
#22
Benzo(k)fluoranthene
Concen: 0.541 ng/ul
RT: 22.95 min Scan# 5280
Delta R.T. 0.12 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 10745
Ion Ratio Lower Upper
252 100
253 28.4 21.3 31.9
125 19.6 14.1 21.1

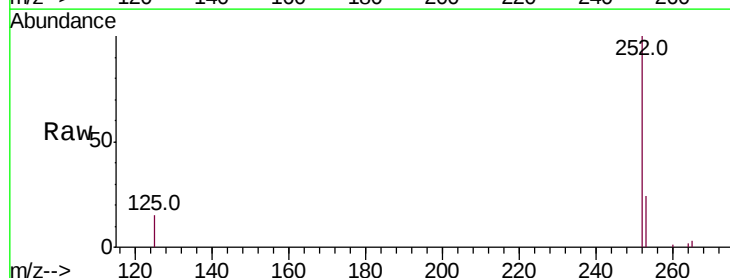


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

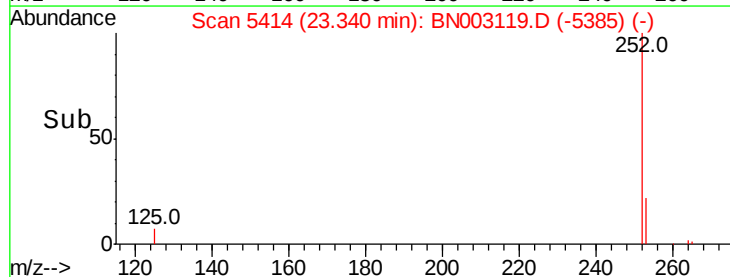
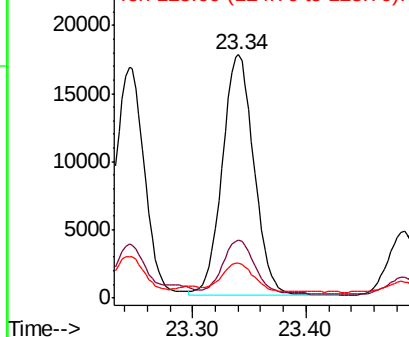


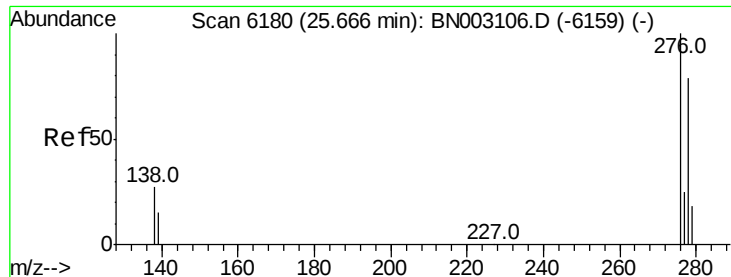
#23
Benzo(a)pyrene
Concen: 1.990 ng/ul
RT: 23.34 min Scan# 5414
Delta R.T. -0.02 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:252 Resp: 34145
Ion Ratio Lower Upper
252 100
253 23.9 23.1 34.7
125 14.6 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



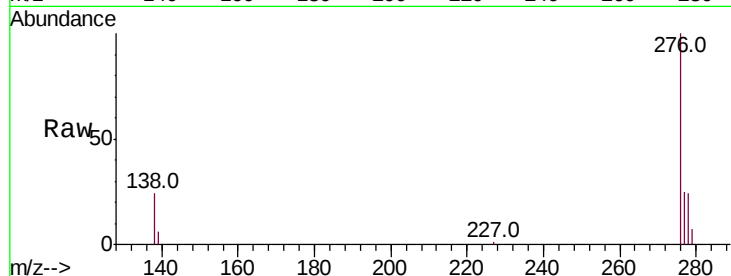


#24

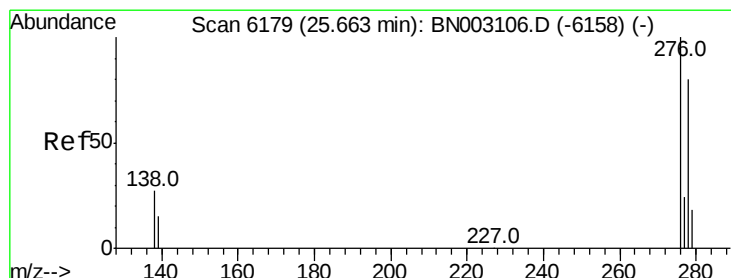
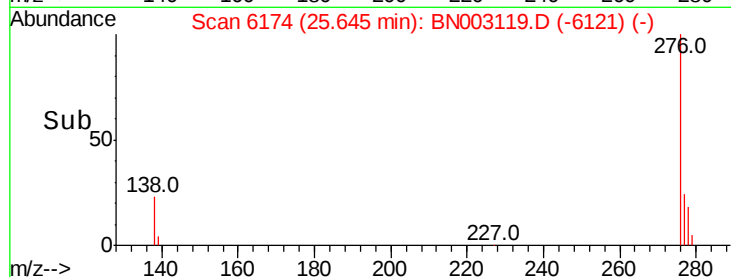
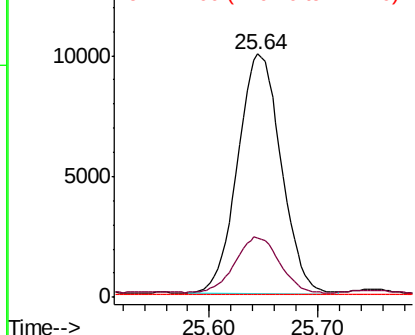
Indeno(1,2,3-cd)pyrene
Concen: 1.399 ng/ul
RT: 25.64 min Scan# 6174
Delta R.T. -0.02 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 27573
Ion Ratio Lower Upper
276 100
138 23.7 21.5 32.3
227 0.2 0.3 0.5#



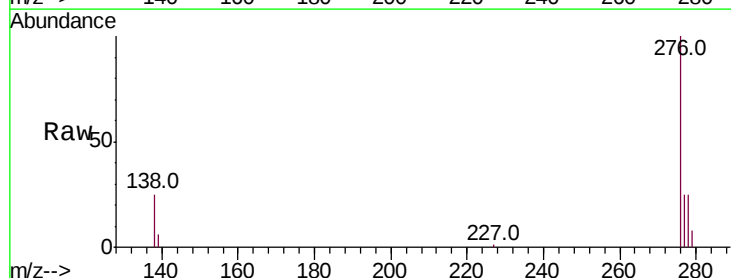
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



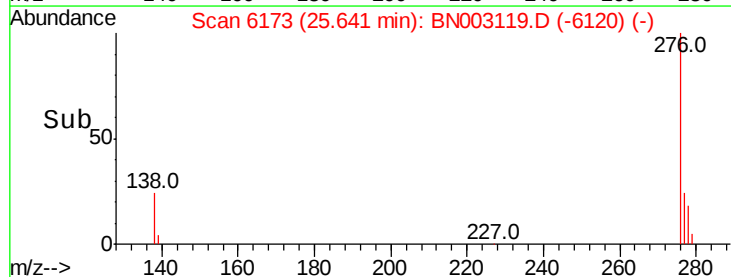
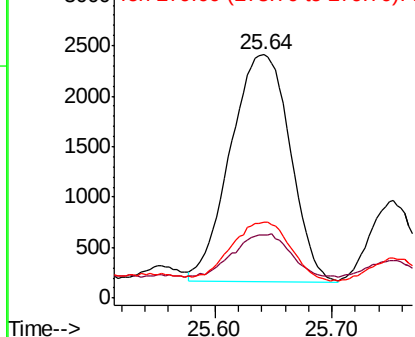
#25

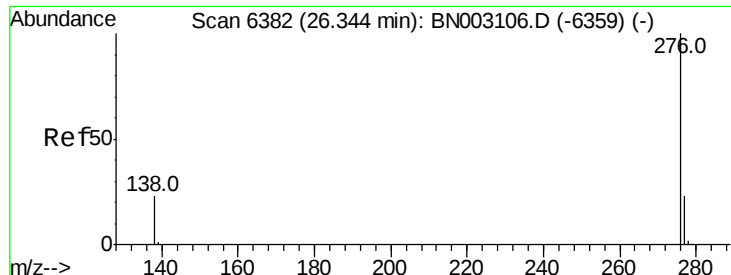
Dibenzo(a,h)anthracene
Concen: 0.506 ng/ul
RT: 25.64 min Scan# 6173
Delta R.T. -0.02 min
Lab File: BN003119.D
Acq: 12 Oct 2018 00:43

Tgt Ion:278 Resp: 7981
Ion Ratio Lower Upper
278 100
139 26.1 20.2 30.4
279 31.2 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: 1.383 ng/ul

RT: 26.33 min Scan# 6377

Delta R.T. -0.02 min

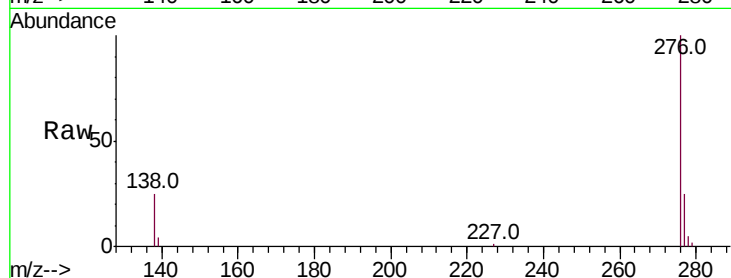
Lab File: BN003119.D

Acq: 12 Oct 2018 00:43

Instrument :

BNA_N

ClientSampleId :



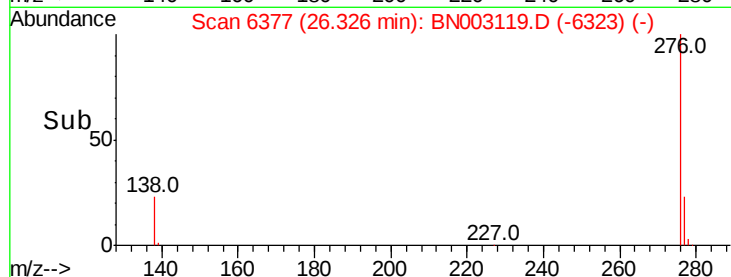
Tot Ion:276 Resp: 22985

Ion Ratio Lower Upper

276 100

138 25.4 23.0 34.4

277 24.6 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

