

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101018\
 Data File : BN003054.D
 Acq On : 10 Oct 2018 07:15
 Operator : MJ/SJ
 Sample : J5115-05DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 10 08:39:32 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

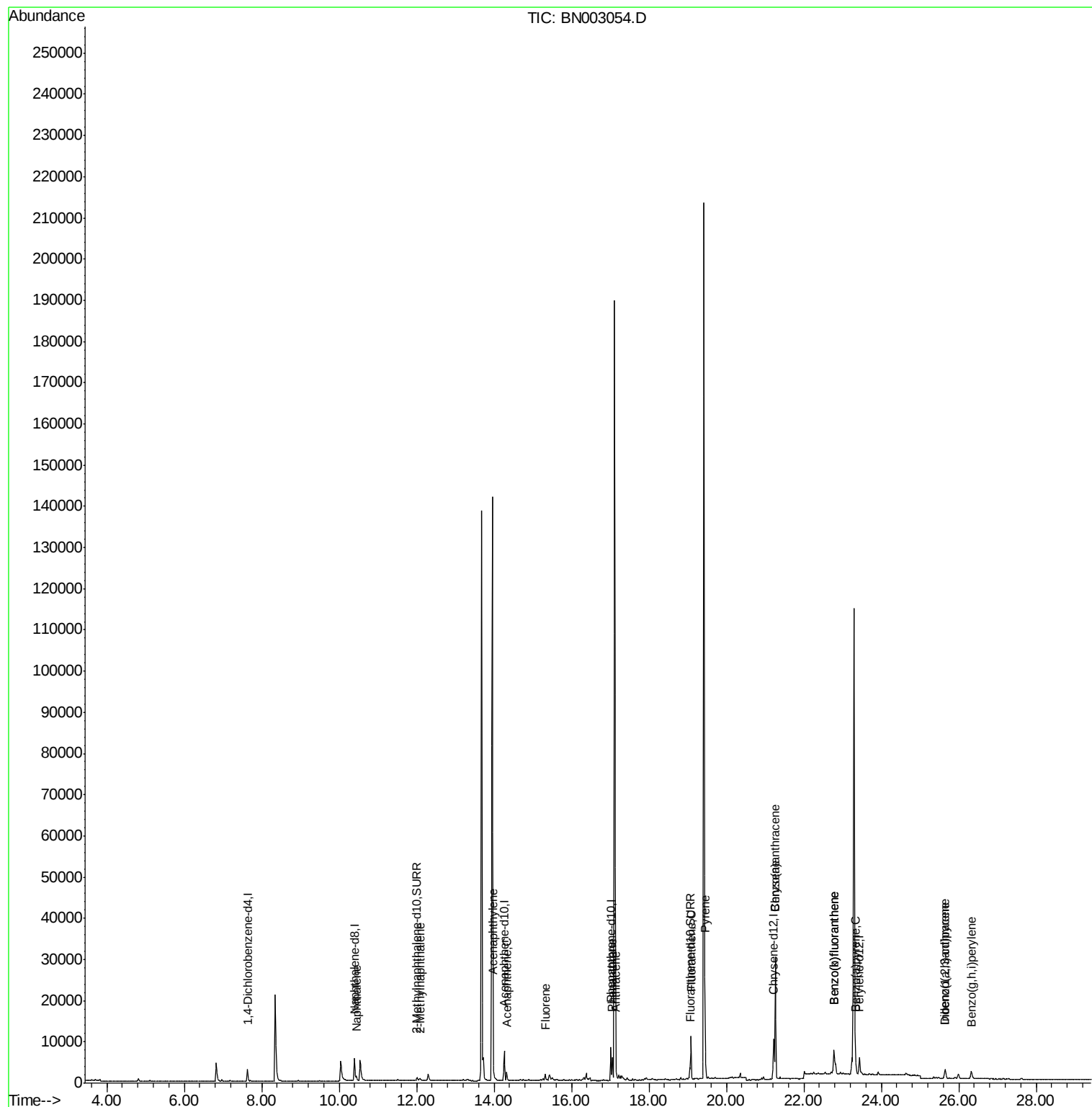
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1791	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7379	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	4115	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9349	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	7027	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	5769	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1305	0.11	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	3268	0.12	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1468	0.078	ng/ul#	90
5) 2-Methylnaphthalene	12.08	142	552	0.042	ng/ul	98
7) Acenaphthylene	13.98	152	409	0.022	ng/ul#	62
8) Acenaphthene	14.32	153	1309	0.092	ng/ul	98
9) Fluorene	15.32	166	1083	0.066	ng/ul#	94
12) Phenanthrene	17.06	178	6063	0.233	ng/ul	98
13) Anthracene	17.15	178	730	0.030	ng/ul#	78
15) Fluoranthene	19.09	202	8806	0.288	ng/ul	99
17) Pyrene	19.45	202	10460	0.383	ng/ul	99
18) Benzo(a)anthracene	21.26	228	27063	1.197	ng/ul	98
19) Chrysene	21.26	228	26989	1.175	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	11945	0.575	ng/ul	87
22) Benzo(k)fluoranthene	22.78	252	11942	0.554	ng/ul#	87
23) Benzo(a)pyrene	23.34	252	3109	0.167	ng/ul#	63
24) Indeno(1,2,3-cd)pyrene	25.65	276	3504	0.164	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.64	278	978	0.057	ng/ul#	21
26) Benzo(a,h,i)perylene	26.33	276	3788	0.210	ng/ul#	90

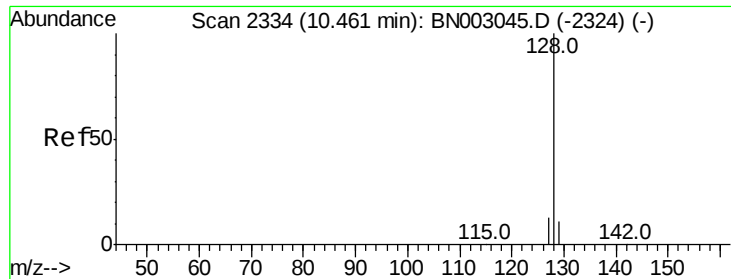
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 10 08:36:11 2018
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#3

Naphthalene

Concen: 0.078 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

Instrument :

BNA_N

ClientSampleId :

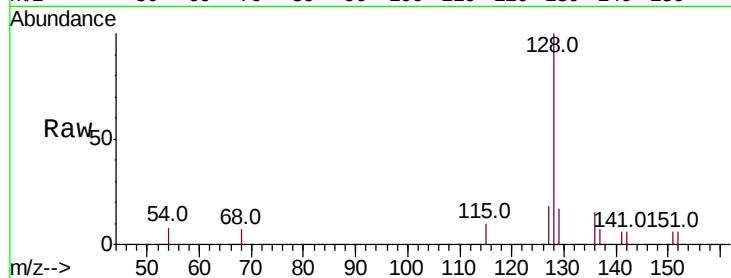
Tot Ion:128 Resp: 1468

Ion Ratio Lower Upper

128 100

129 17.4 10.4 15.6#

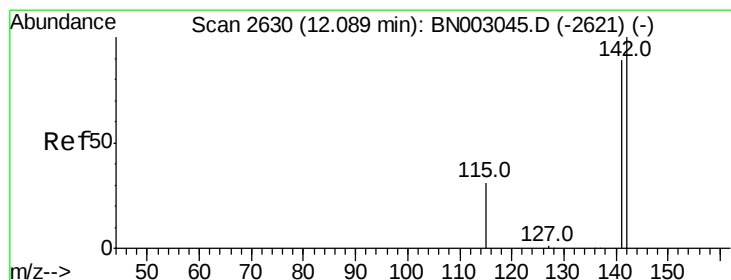
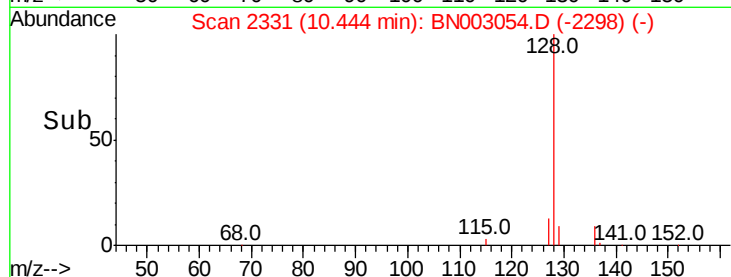
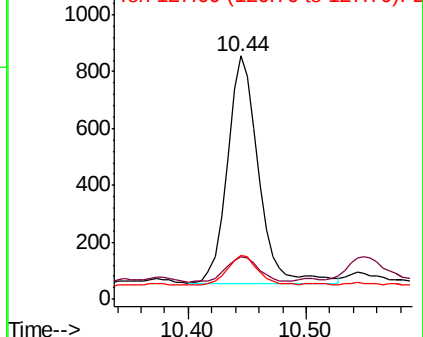
127 18.1 11.7 17.5#



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: 0.042 ng/ul

RT: 12.08 min Scan# 2629

Delta R.T. -0.01 min

Lab File: BN003054.D

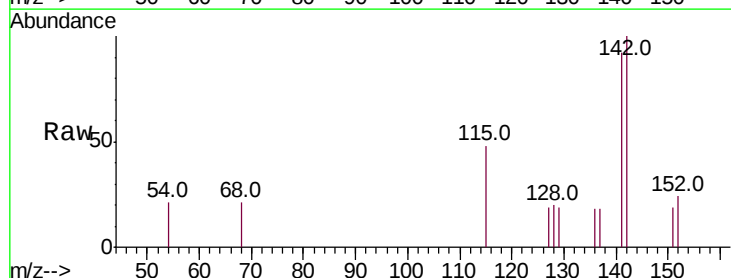
Acq: 10 Oct 2018 07:15

Tgt Ion:142 Resp: 552

Ion Ratio Lower Upper

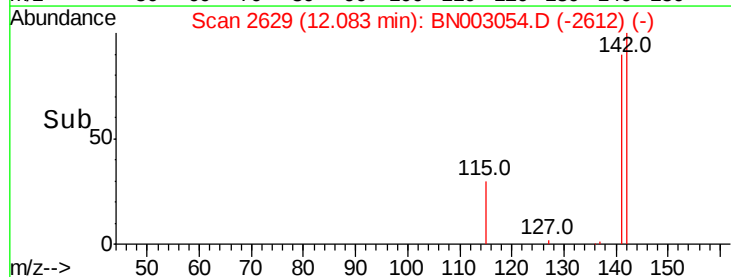
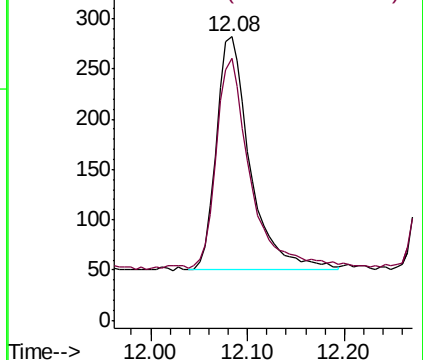
142 100

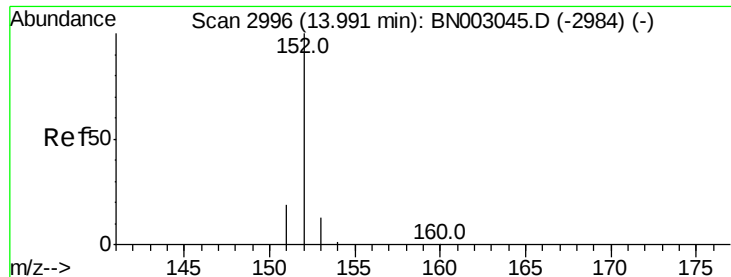
141 93.3 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.022 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

Instrument :

BNA_N

ClientSampleId :

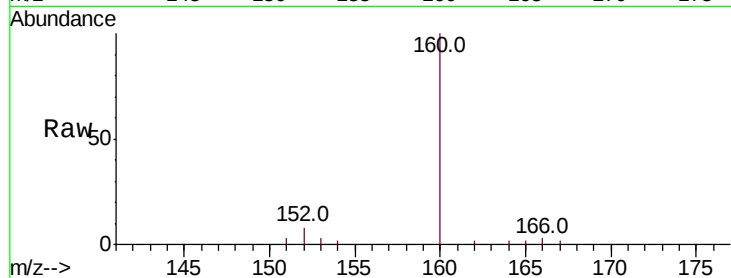
Tot Ion:152 Resp: 409

Ion Ratio Lower Upper

152 100

151 36.1 16.5 24.7#

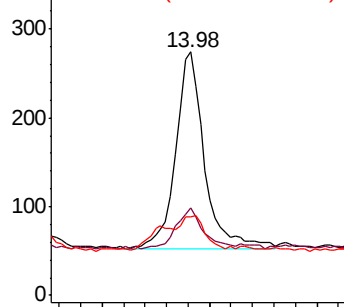
153 32.1 11.4 17.2#



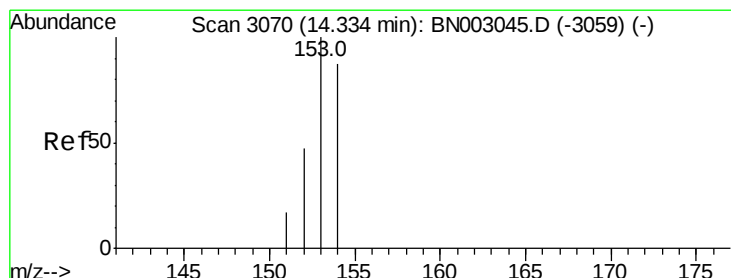
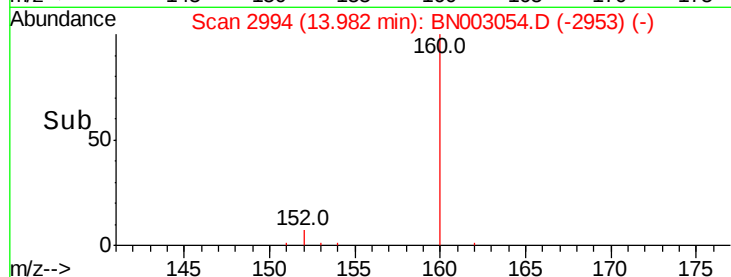
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.092 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

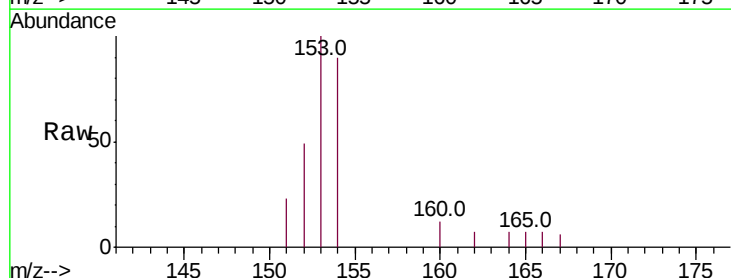
Tgt Ion:153 Resp: 1309

Ion Ratio Lower Upper

153 100

152 49.4 38.2 57.4

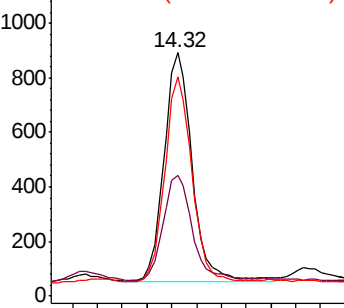
154 90.0 70.2 105.2



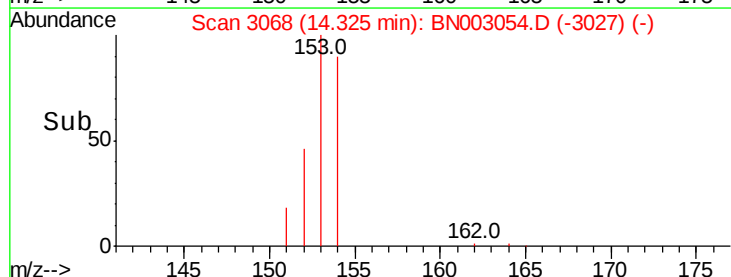
Abundance Ion 153.00 (152.70 to 153.70): E

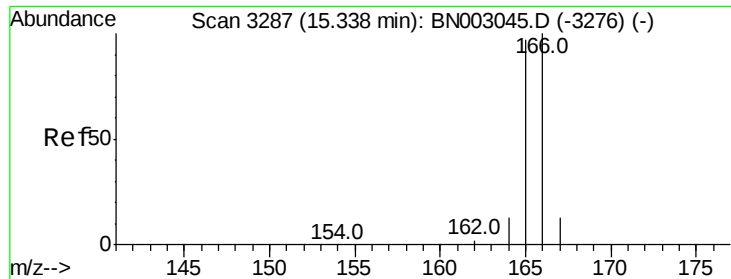
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->

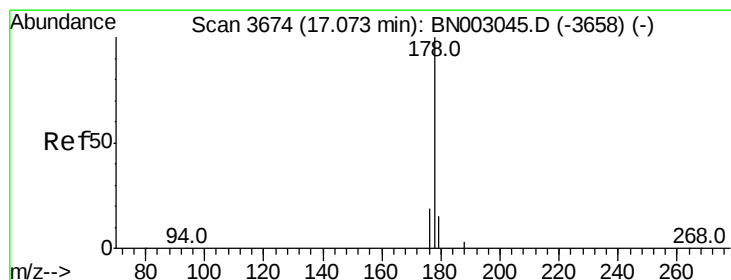
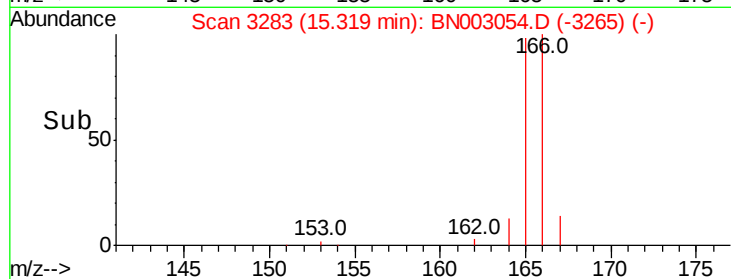
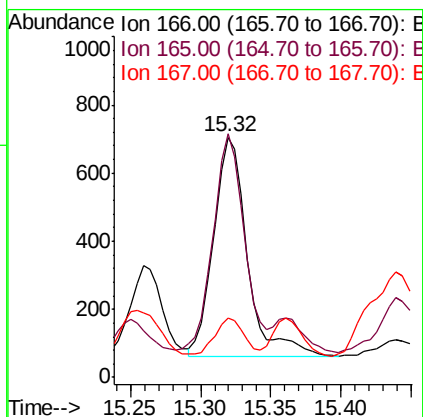
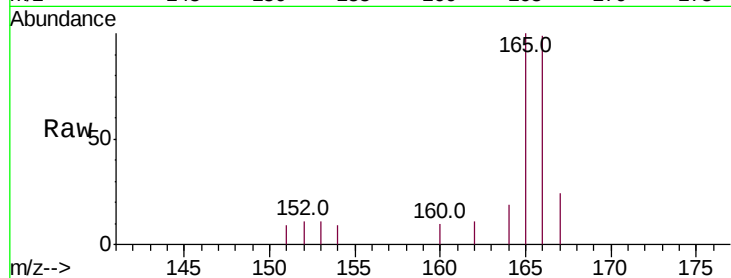




#9
Fluorene
 Concen: 0.066 ng/ul
 RT: 15.32 min Scan# 3283
 Delta R.T. -0.02 min
 Lab File: BN003054.D
 Acq: 10 Oct 2018 07:15

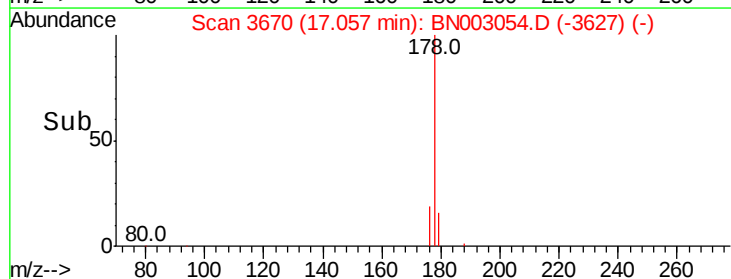
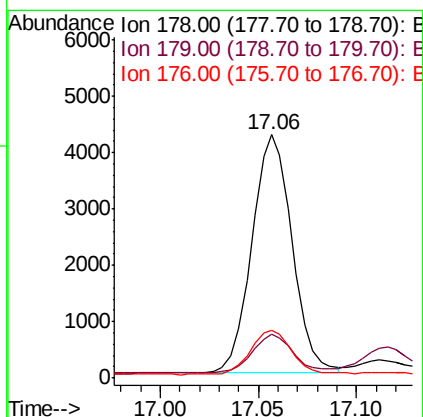
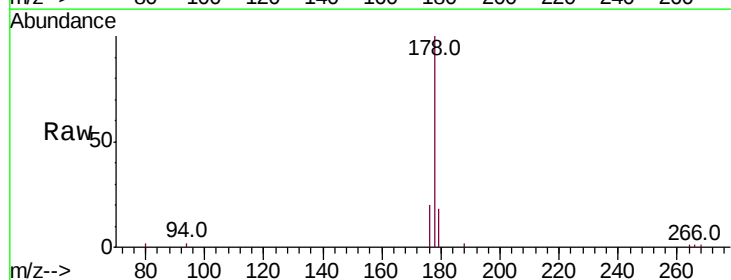
Instrument :
 BNA_N
 ClientSampleId :

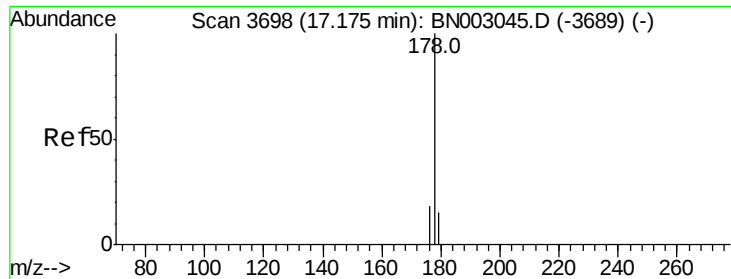
Tot Ion:166 Resp: 1083
 Ion Ratio Lower Upper
 166 100
 165 101.3 78.5 117.7
 167 24.6 11.6 17.4#



#12
Phenanthrene
 Concen: 0.233 ng/ul
 RT: 17.06 min Scan# 3670
 Delta R.T. -0.02 min
 Lab File: BN003054.D
 Acq: 10 Oct 2018 07:15

Tgt Ion:178 Resp: 6063
 Ion Ratio Lower Upper
 178 100
 179 17.8 12.9 19.3
 176 19.7 15.4 23.2





#13

Anthracene

Concen: 0.030 ng/ul

RT: 17.15 min Scan# 3692

Delta R.T. -0.03 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

Instrument :

BNA_N

ClientSampleId :

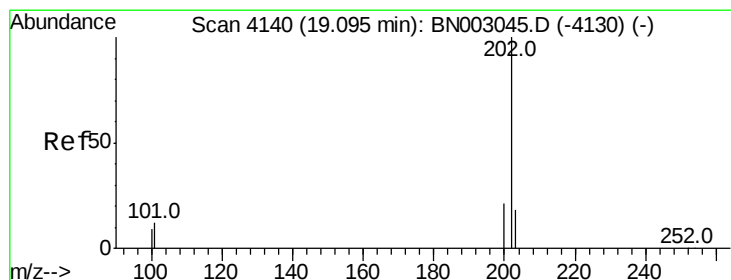
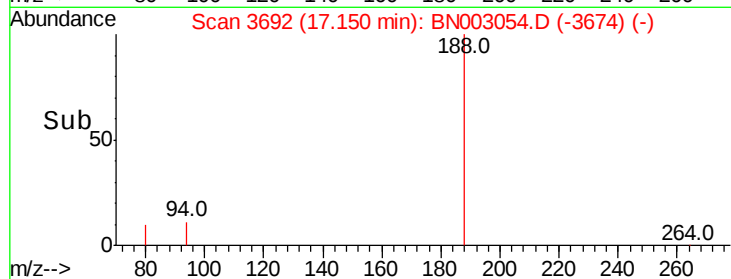
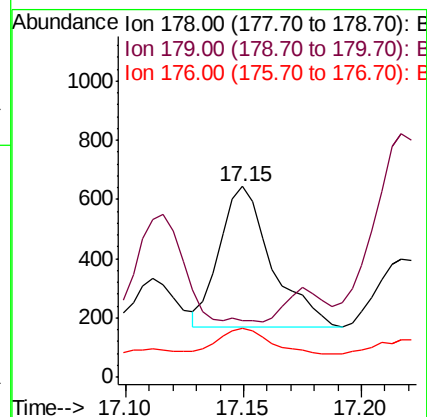
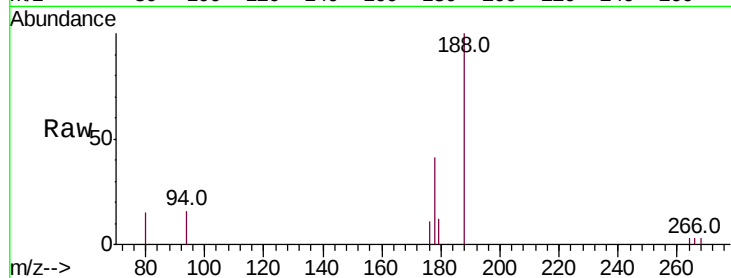
Tot Ion:178 Resp: 730

Ion Ratio Lower Upper

178 100

179 30.0 13.0 19.6#

176 25.5 15.3 22.9#



#15

Fluoranthene

Concen: 0.288 ng/ul

RT: 19.09 min Scan# 4138

Delta R.T. -0.01 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

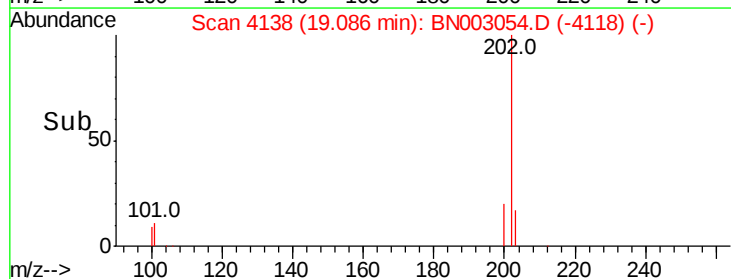
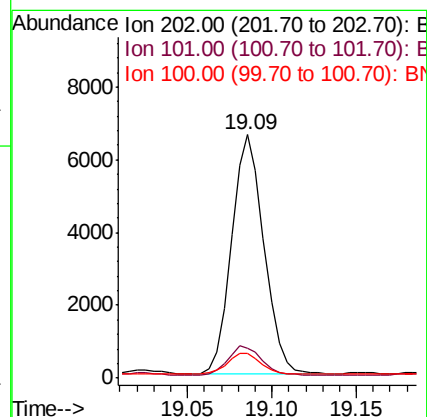
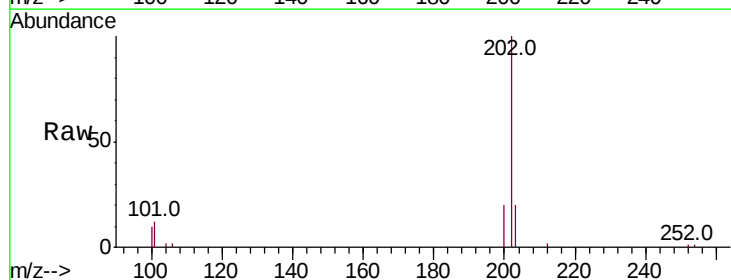
Tgt Ion:202 Resp: 8806

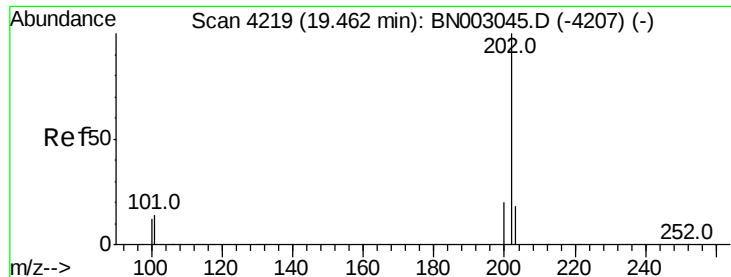
Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.3

100 10.1 0.0 29.1

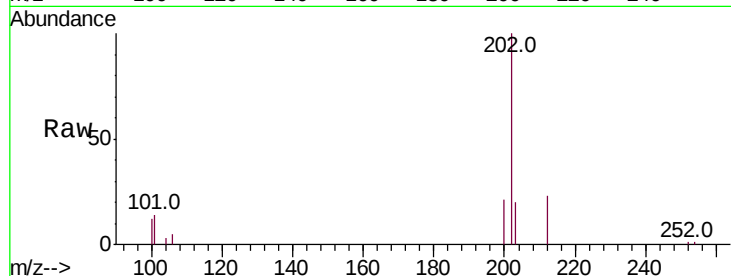




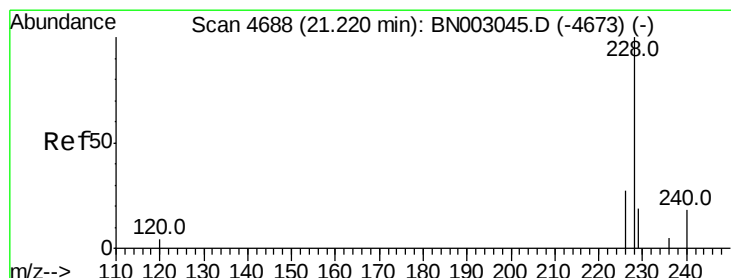
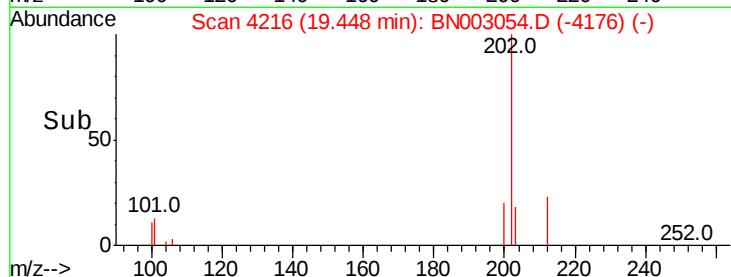
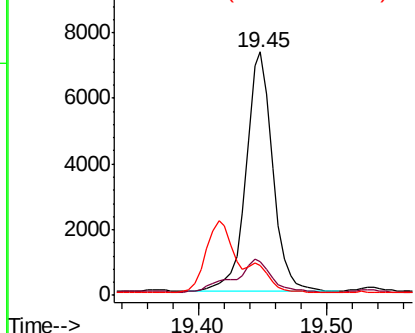
#17
Pvrene
Concen: 0.383 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003054.D
Acq: 10 Oct 2018 07:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 10460
Ion Ratio Lower Upper
202 100
101 14.1 11.9 17.9
100 12.2 9.9 14.9

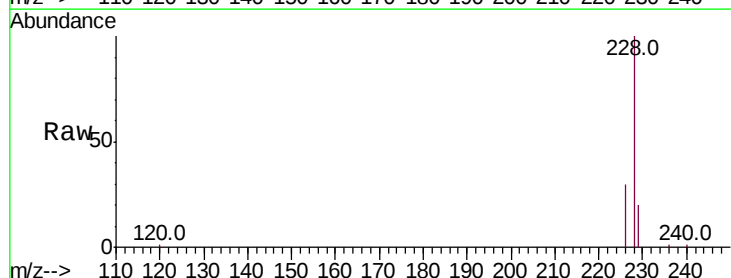


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

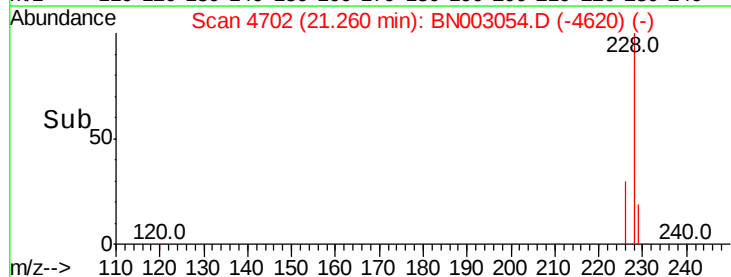
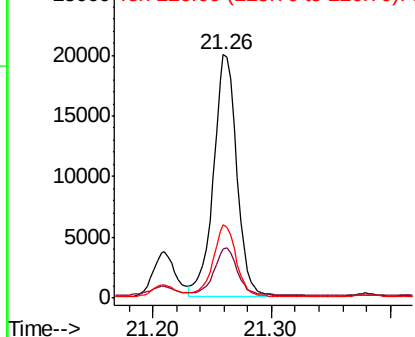


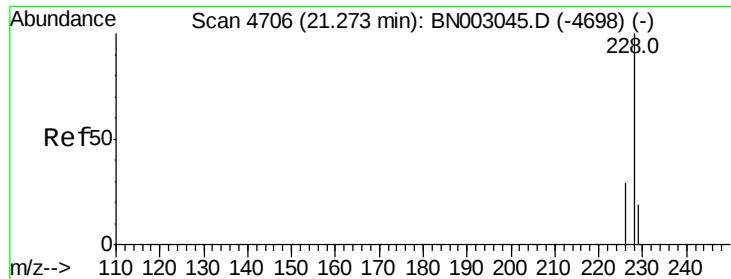
#18
Benzo(a)anthracene
Concen: 1.197 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. 0.04 min
Lab File: BN003054.D
Acq: 10 Oct 2018 07:15

Tgt Ion:228 Resp: 27063
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.2
226 30.1 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: 1.175 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

Instrument :

BNA_N

ClientSampleId :

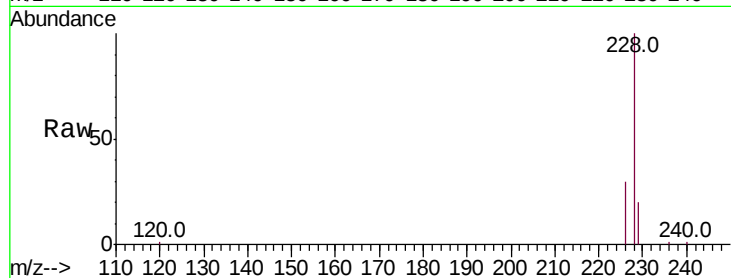
Tot Ion:228 Resp: 26989

Ion Ratio Lower Upper

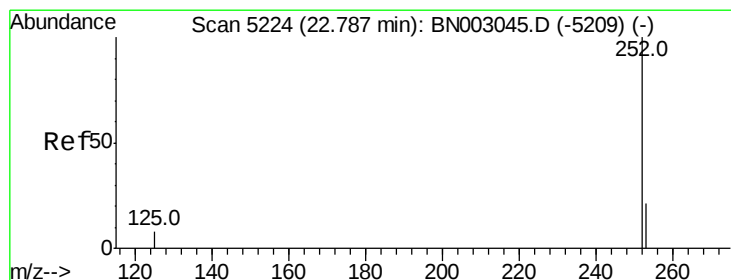
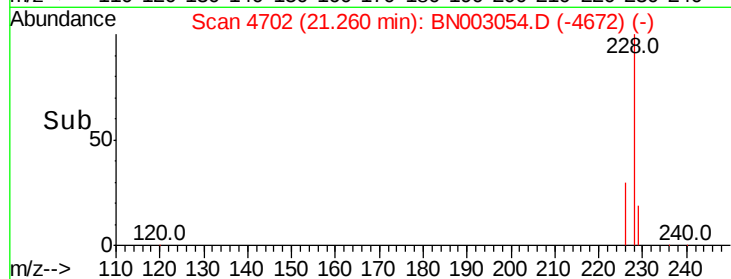
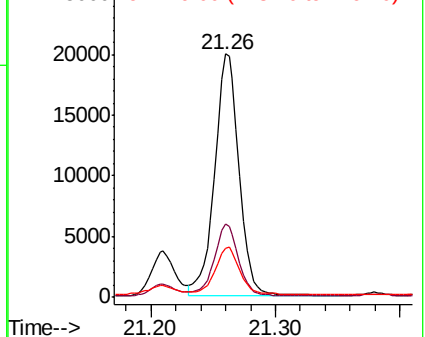
228 100

226 30.1 24.2 36.4

229 20.2 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: 0.575 ng/ul

RT: 22.78 min Scan# 5221

Delta R.T. -0.01 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

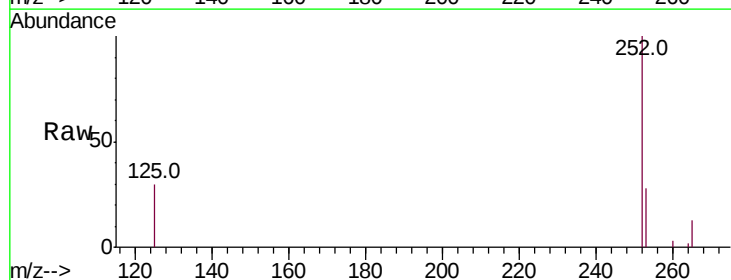
Tgt Ion:252 Resp: 11945

Ion Ratio Lower Upper

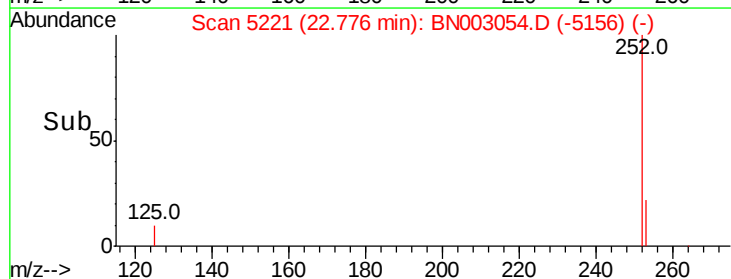
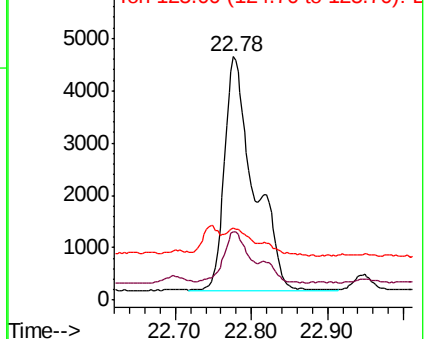
252 100

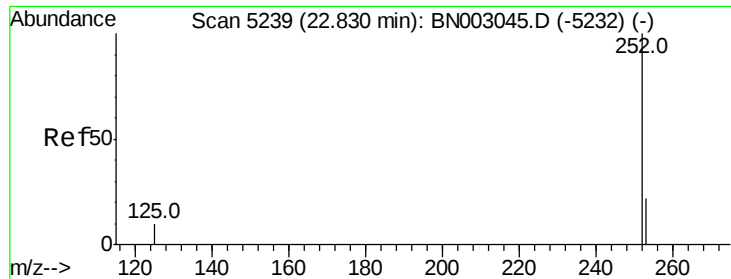
253 28.1 0.0 53.2

125 29.7 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

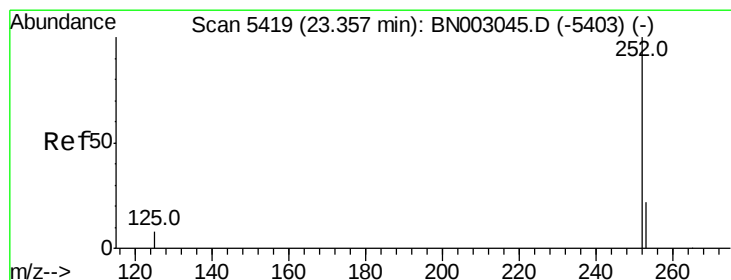
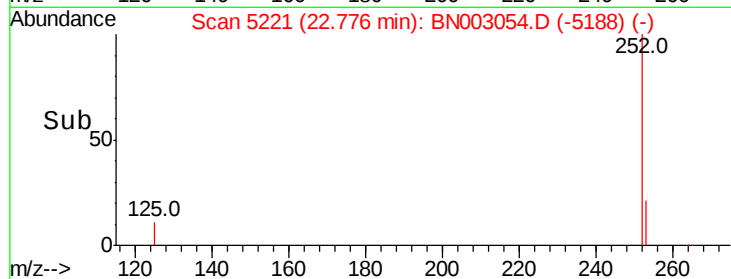
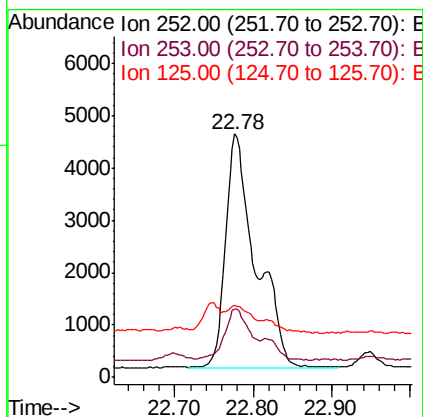
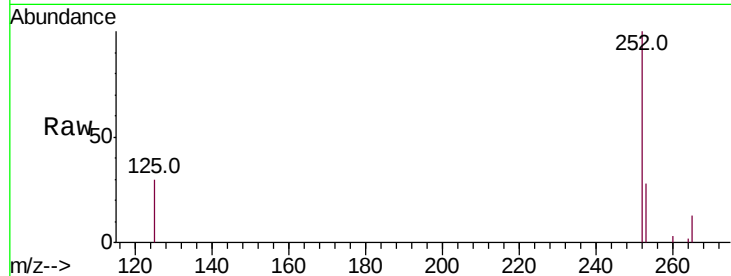




#22
Benzo(k)fluoranthene
Concen: 0.554 ng/ul
RT: 22.78 min Scan# 5221
Delta R.T. -0.05 min
Lab File: BN003054.D
Acq: 10 Oct 2018 07:15

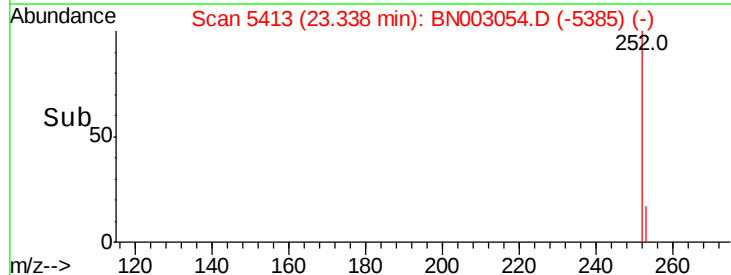
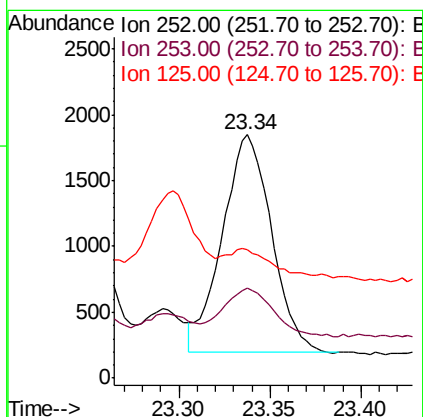
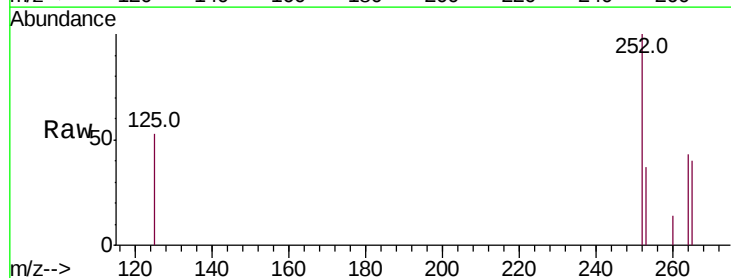
Instrument :
BNA_N
ClientSampleId :

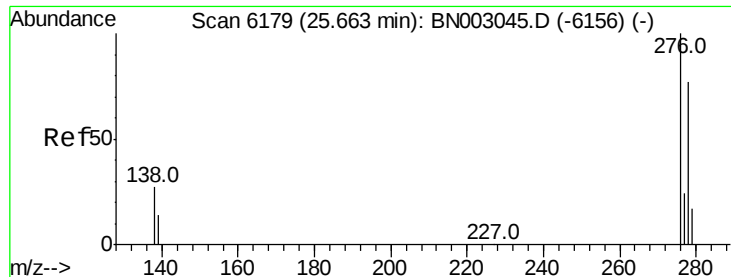
Tot Ion:252 Resp: 11942
Ion Ratio Lower Upper
252 100
253 28.1 21.3 31.9
125 29.7 14.1 21.1#



#23
Benzo(a)pyrene
Concen: 0.167 ng/ul
RT: 23.34 min Scan# 5413
Delta R.T. -0.02 min
Lab File: BN003054.D
Acq: 10 Oct 2018 07:15

Tgt Ion:252 Resp: 3109
Ion Ratio Lower Upper
252 100
253 37.0 23.1 34.7#
125 52.9 16.9 25.3#



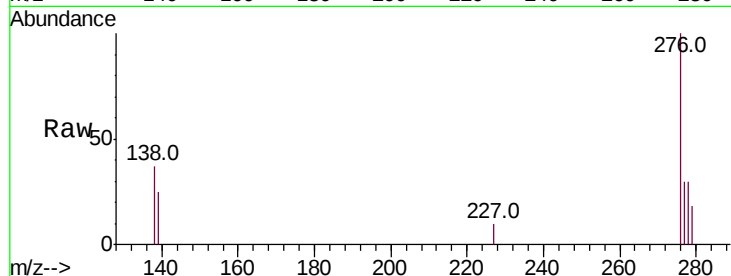


#24

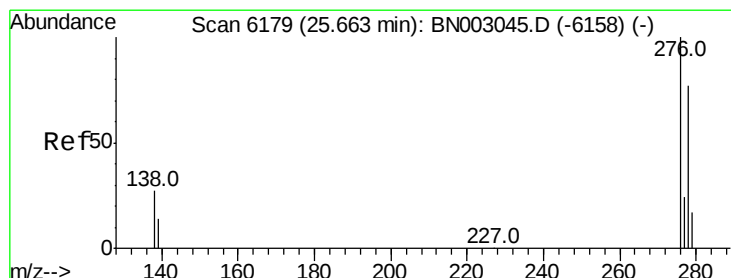
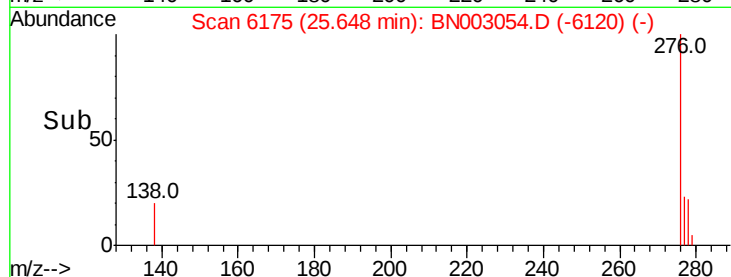
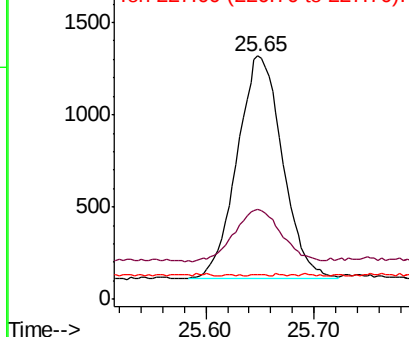
Indeno(1,2,3-cd)pyrene
Concen: 0.164 ng/ul
RT: 25.65 min Scan# 6175
Delta R.T. -0.02 min
Lab File: BN003054.D
Acq: 10 Oct 2018 07:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 3504
Ion Ratio Lower Upper
276 100
138 25.2 21.5 32.3
227 0.2 0.3 0.5#



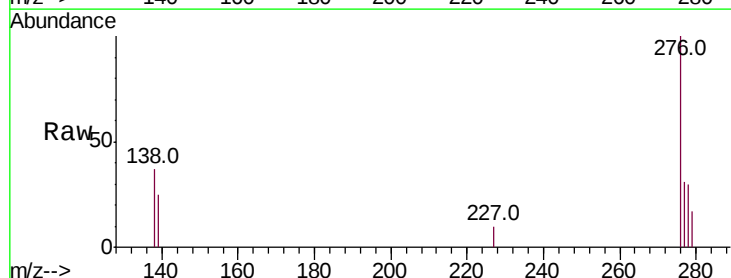
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



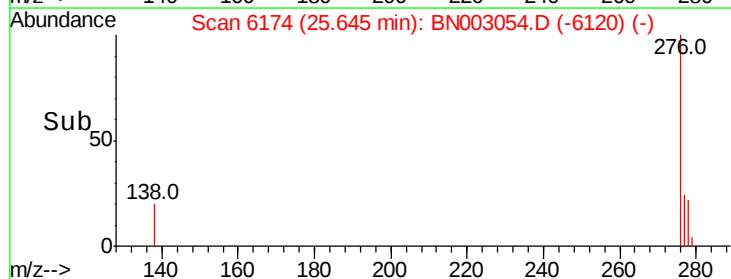
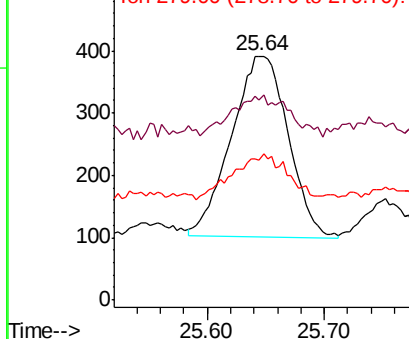
#25

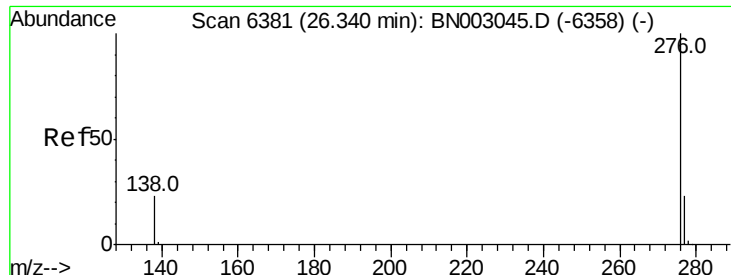
Dibenzo(a,h)anthracene
Concen: 0.057 ng/ul
RT: 25.64 min Scan# 6174
Delta R.T. -0.02 min
Lab File: BN003054.D
Acq: 10 Oct 2018 07:15

Tgt Ion:278 Resp: 978
Ion Ratio Lower Upper
278 100
139 82.4 20.2 30.4#
279 57.3 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: 0.210 ng/ul

RT: 26.33 min Scan# 6377

Delta R.T. -0.02 min

Lab File: BN003054.D

Acq: 10 Oct 2018 07:15

Instrument :

BNA_N

ClientSampleId :

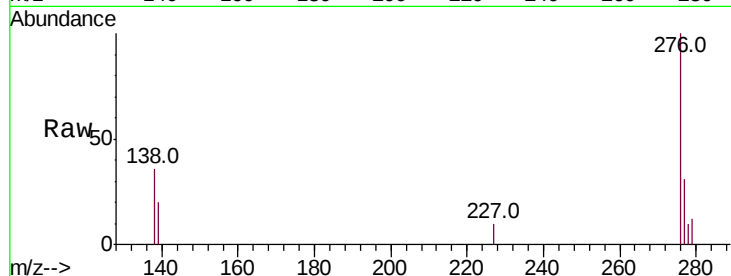
Tot Ion:276 Resp: 3788

Ion Ratio Lower Upper

276 100

138 36.3 23.0 34.4#

277 30.8 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

