

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\
 Data File : BN001860.D
 Acq On : 14 Jun 2018 01:11
 Operator : JU/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 14 05:26:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 12:02:12 2018
 Response via : Initial Calibration

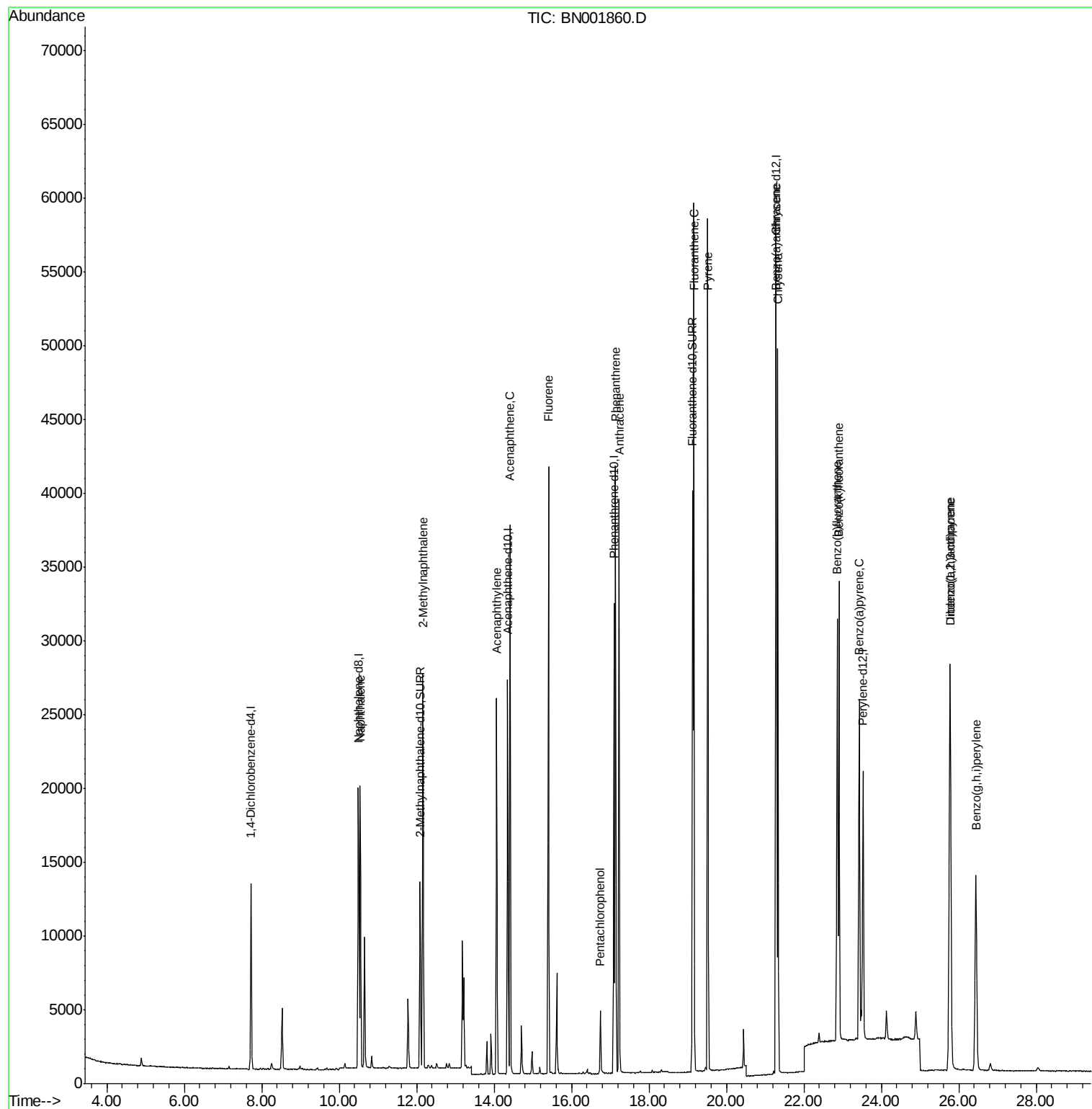
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	6383	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	25110	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	14950	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	35964	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	30309	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	23800	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	16378	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	41854	0.38	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.54	128	25769	0.398	ng/ul	96
5) 2-Methylnaphthalene	12.16	142	18775	0.406	ng/ul	98
7) Acenaphthylene	14.07	152	28549	0.391	ng/ul	95
8) Acenaphthene	14.41	153	21370	0.398	ng/ul	97
9) Fluorene	15.40	166	24894	0.397	ng/ul#	93
11) Pentachlorophenol	16.74	266	2868	0.421	ng/ul	97
12) Phenanthrene	17.14	178	42053	0.392	ng/ul#	89
13) Anthracene	17.23	178	40029	0.394	ng/ul#	92
15) Fluoranthene	19.16	202	48254	0.379	ng/ul	96
17) Pyrene	19.52	202	48269	0.438	ng/ul	97
18) Benzo(a)anthracene	21.28	228	42661	0.407	ng/ul#	85
19) Chrysene	21.33	228	40904	0.392	ng/ul	97
21) Benzo(b)fluoranthene	22.86	252	36348	0.421	ng/ul	86
22) Benzo(k)fluoranthene	22.90	252	36671	0.426	ng/ul#	91
23) Benzo(a)pyrene	23.43	252	32973	0.411	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.77	276	32975	0.366	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.78	278	26298	0.366	ng/ul#	89
26) Benzo(g,h,i)perylene	26.44	276	26954	0.352	ng/ul	98

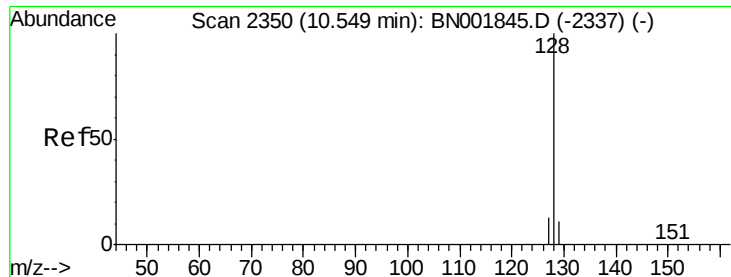
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.398 ng/ul

RT: 10.54 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BN001860.D

Acq: 14 Jun 2018 01:11

Instrument :

BNA_N

ClientSampleId :

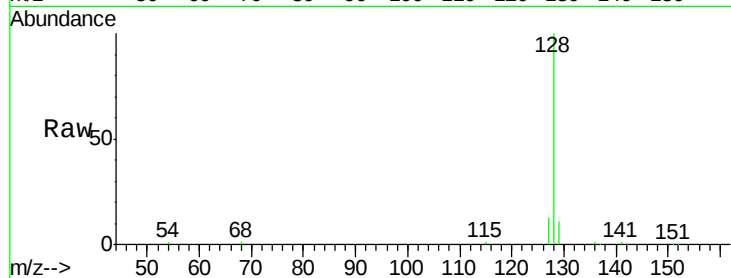
Tot Ion:128 Resp: 25769

Ion Ratio Lower Upper

128 100

129 11.3 8.0 12.0

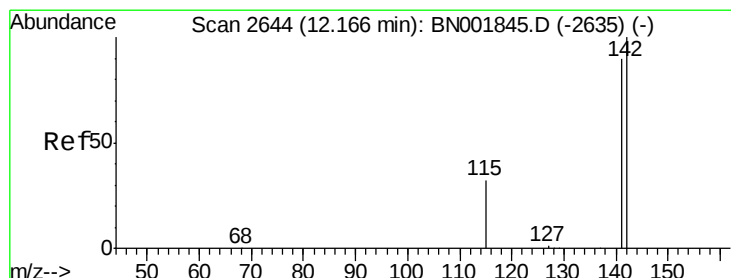
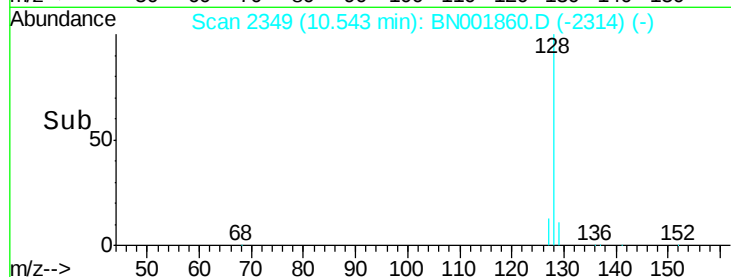
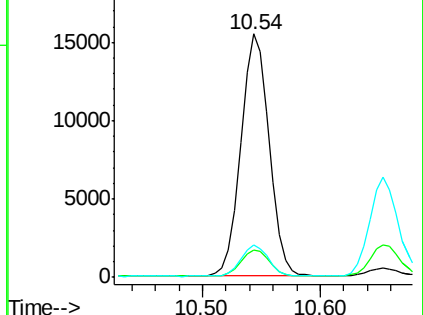
127 13.1 12.0 18.0



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: 0.406 ng/ul

RT: 12.16 min Scan# 2643

Delta R.T. -0.01 min

Lab File: BN001860.D

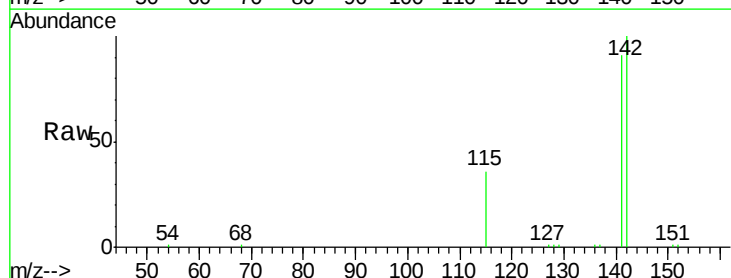
Acq: 14 Jun 2018 01:11

Tgt Ion:142 Resp: 18775

Ion Ratio Lower Upper

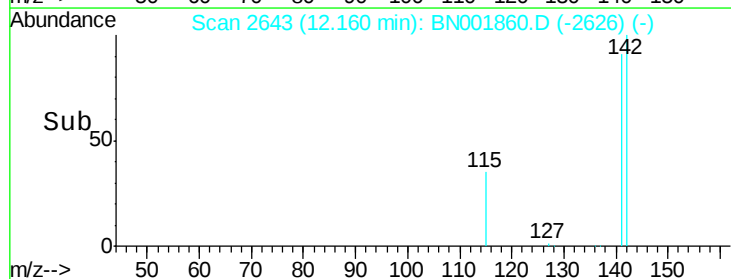
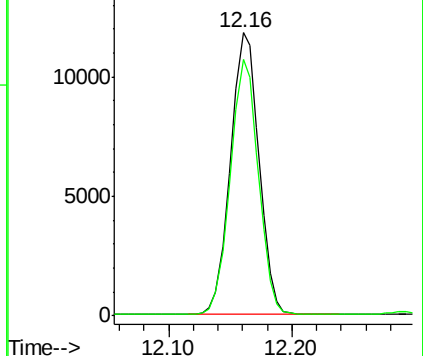
142 100

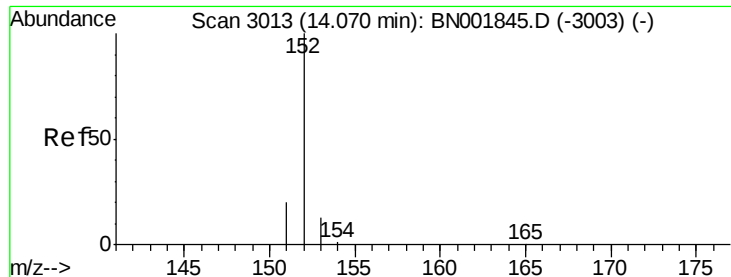
141 89.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.391 ng/ul

RT: 14.07 min Scan# 3012

Delta R.T. -0.00 min

Lab File: BN001860.D

Acq: 14 Jun 2018 01:11

Instrument :

BNA_N

ClientSampleId :

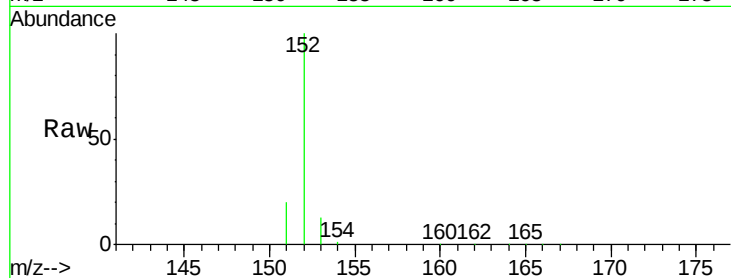
Tot Ion:152 Resp: 28549

Ion Ratio Lower Upper

152 100

151 19.7 17.1 25.7

153 13.1 12.8 19.2



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

25000

20000

15000

10000

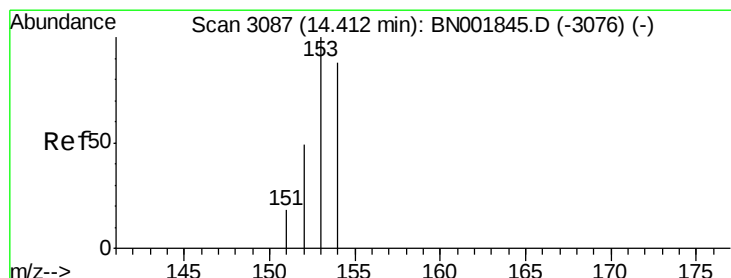
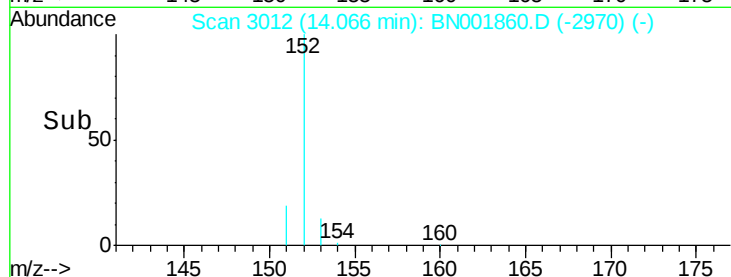
5000

0

14.07

14.00 14.10 14.20 14.30

Time-->



#8

Acenaphthene

Concen: 0.398 ng/ul

RT: 14.41 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BN001860.D

Acq: 14 Jun 2018 01:11

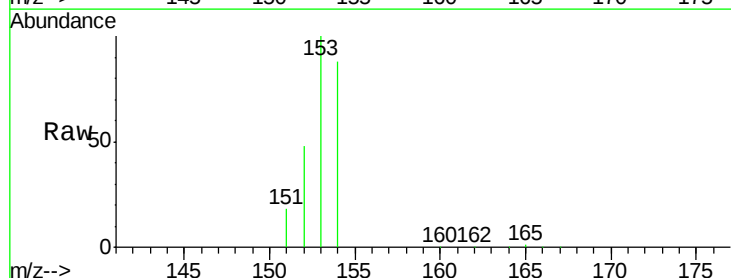
Tgt Ion:153 Resp: 21370

Ion Ratio Lower Upper

153 100

152 48.0 36.0 54.0

154 87.9 72.0 108.0



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

20000

15000

10000

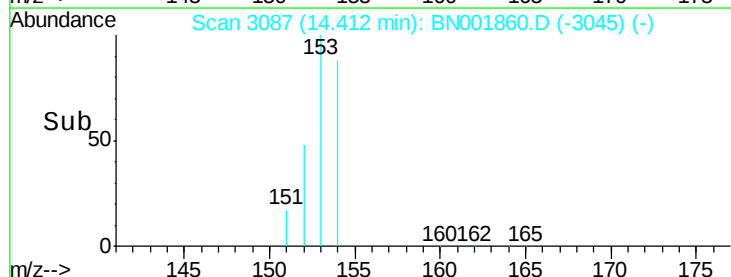
5000

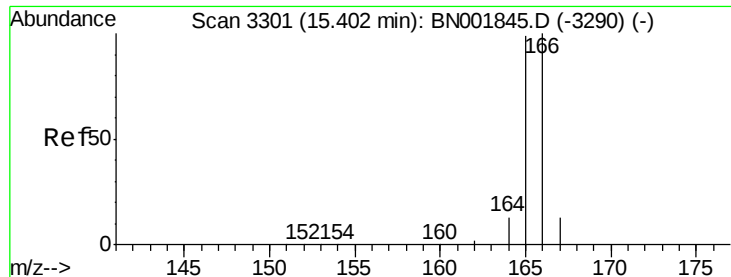
0

14.41

14.35 14.40 14.45 14.50

Time-->

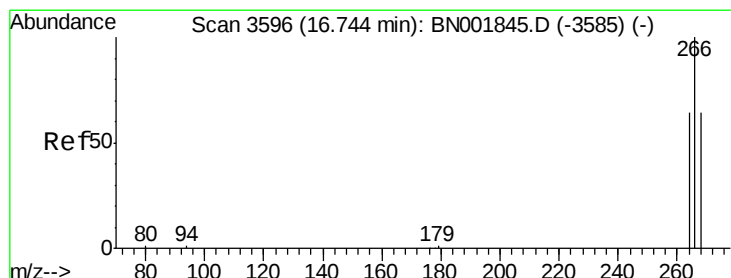
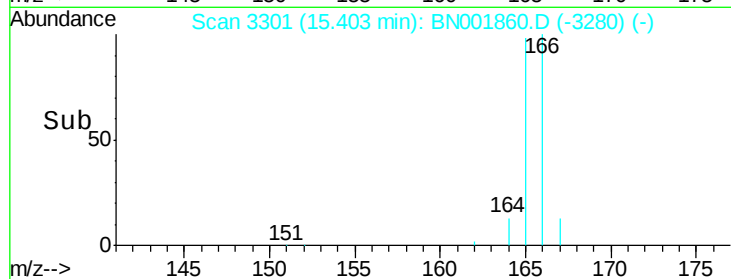
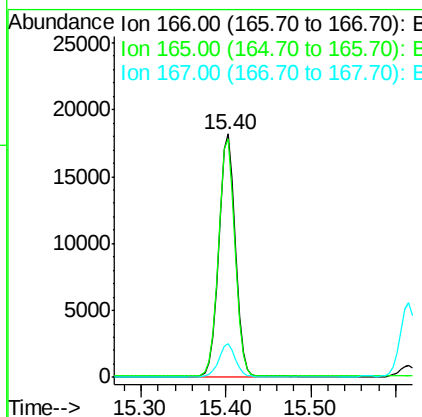
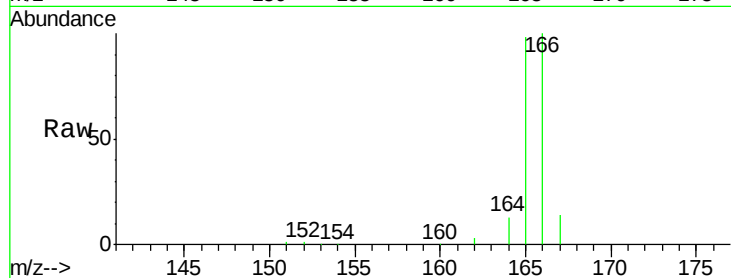




#9
Fluorene
 Concen: 0.397 ng/ul
 RT: 15.40 min Scan# 3301
 Delta R.T. -0.00 min
 Lab File: BN001860.D
 Acq: 14 Jun 2018 01:11

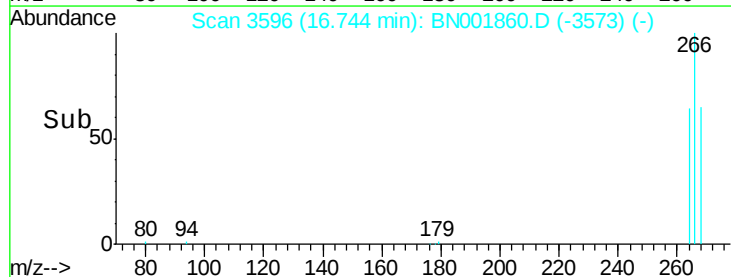
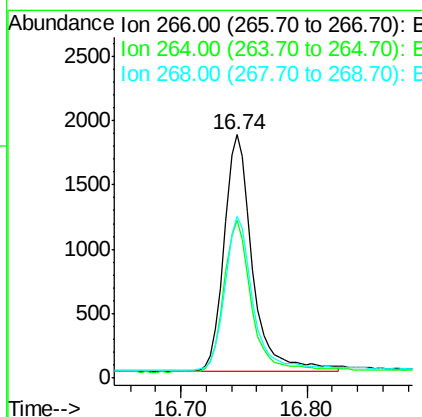
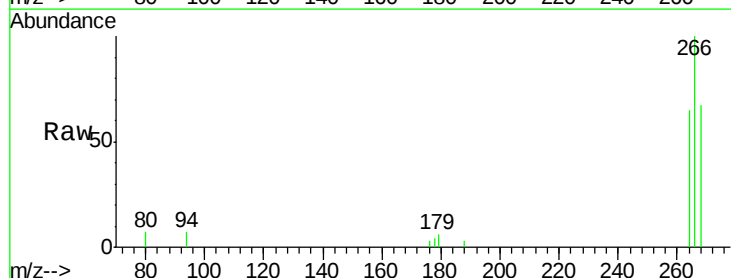
Instrument :
 BNA_N
 ClientSampleId :

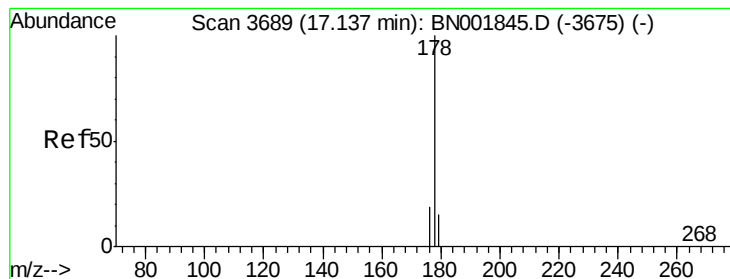
Tot Ion:166 Resp: 24894
 Ion Ratio Lower Upper
 166 100
 165 97.7 73.4 110.2
 167 13.8 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.421 ng/ul
 RT: 16.74 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: BN001860.D
 Acq: 14 Jun 2018 01:11

Tgt Ion:266 Resp: 2868
 Ion Ratio Lower Upper
 266 100
 264 63.1 47.9 71.9
 268 64.3 49.8 74.8





#12

Phenanthrene

Concen: 0.392 ng/ul

RT: 17.14 min Scan# 3689

Delta R.T. -0.00 min

Lab File: BN001860.D

Acq: 14 Jun 2018 01:11

Instrument :

BNA_N

ClientSampleId :

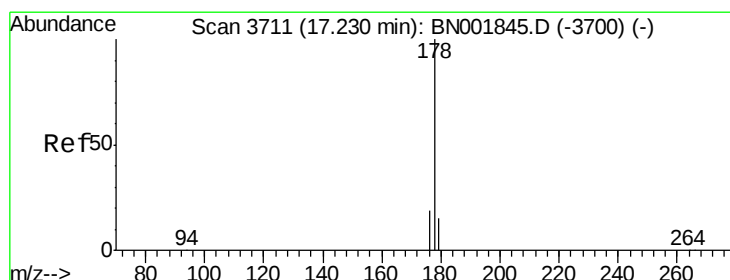
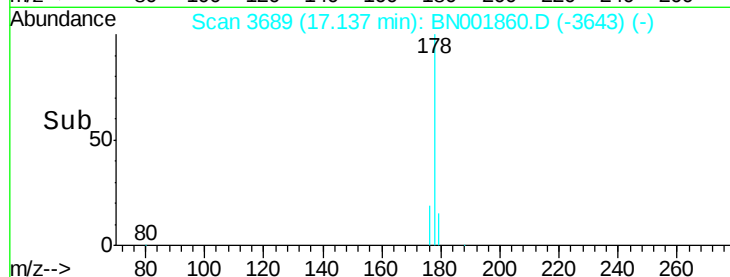
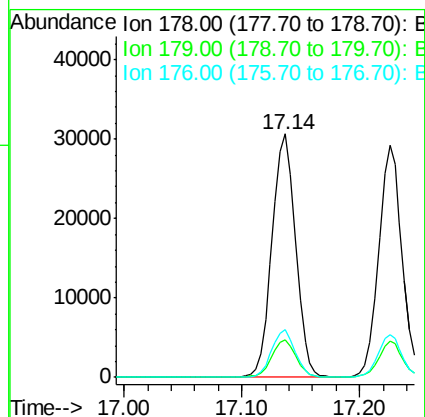
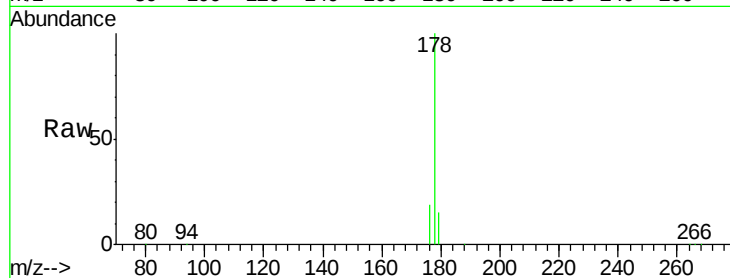
Tot Ion:178 Resp: 42053

Ion Ratio Lower Upper

178 100

179 15.4 18.4 27.6#

176 19.4 13.6 20.4



#13

Anthracene

Concen: 0.394 ng/ul

RT: 17.23 min Scan# 3710

Delta R.T. -0.00 min

Lab File: BN001860.D

Acq: 14 Jun 2018 01:11

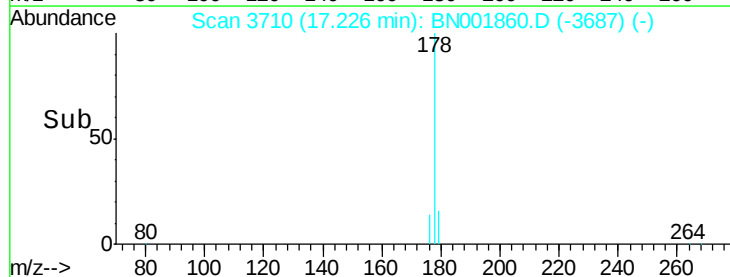
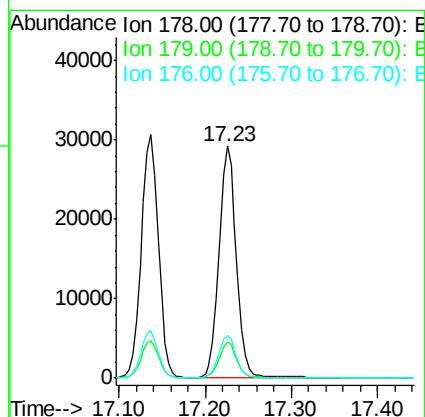
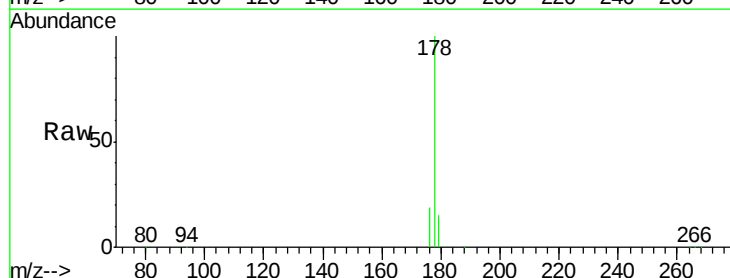
Tgt Ion:178 Resp: 40029

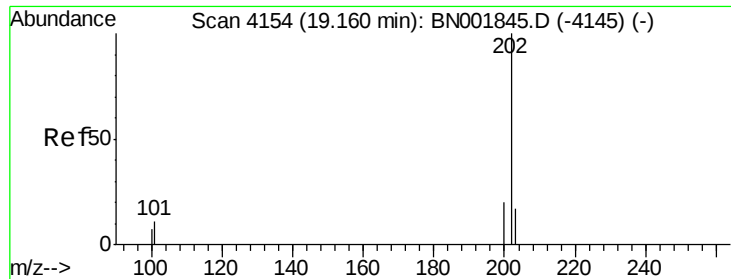
Ion Ratio Lower Upper

178 100

179 15.4 18.1 27.1#

176 18.6 14.7 22.1





#15

Fluoranthene

Concen: 0.379 ng/ul

RT: 19.16 min Scan# 4153

Delta R.T. -0.00 min

Lab File: BN001860.D

Acq: 14 Jun 2018 01:11

Instrument :

BNA_N

ClientSampleId :

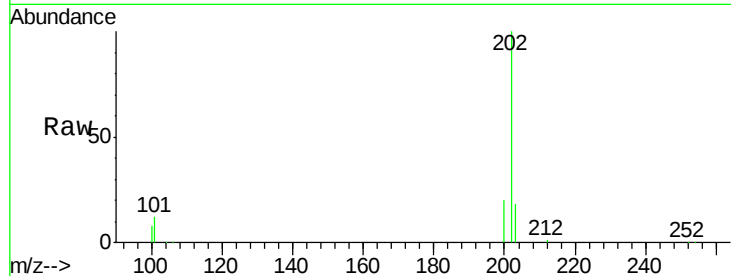
Tot Ion:202 Resp: 48254

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.0

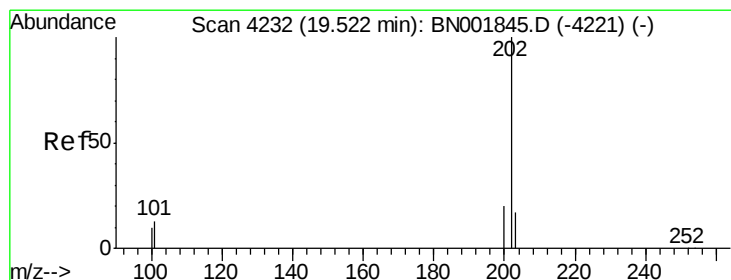
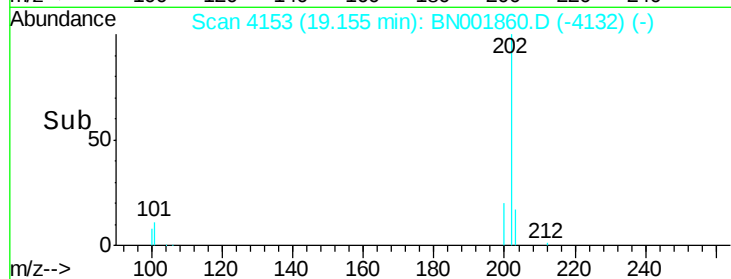
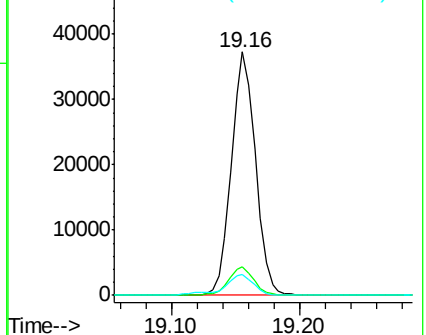
100 8.4 0.0 30.0



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

Pyrene

Concen: 0.438 ng/ul

RT: 19.52 min Scan# 4231

Delta R.T. -0.01 min

Lab File: BN001860.D

Acq: 14 Jun 2018 01:11

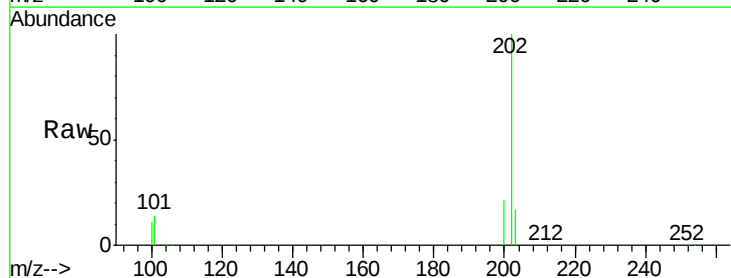
Tgt Ion:202 Resp: 48269

Ion Ratio Lower Upper

202 100

101 13.9 12.0 18.0

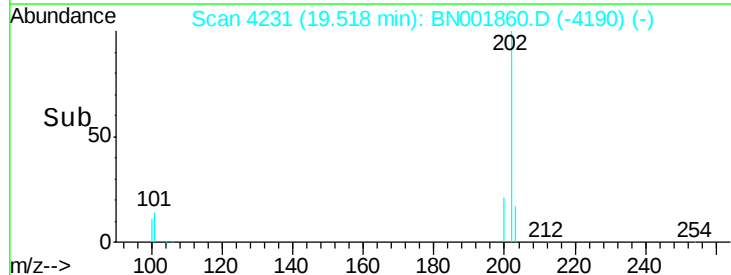
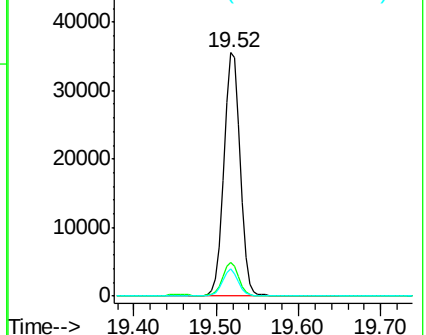
100 11.2 8.0 12.0

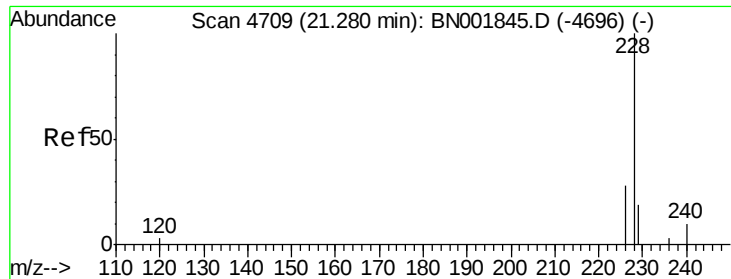


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

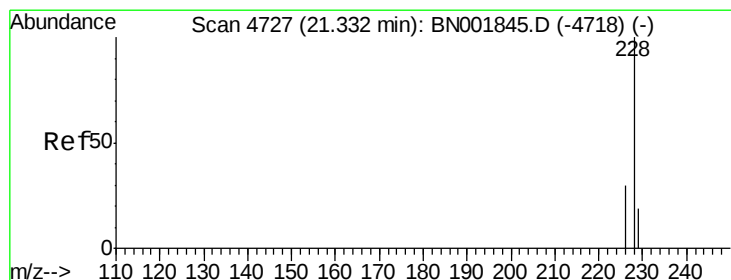
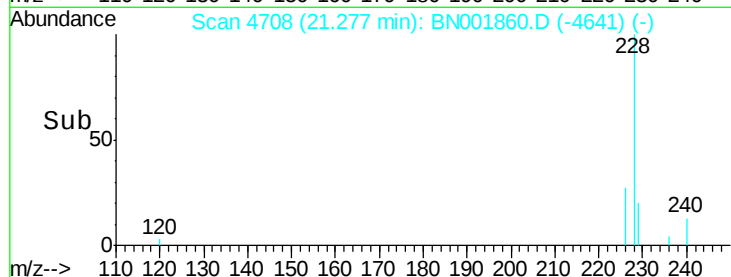
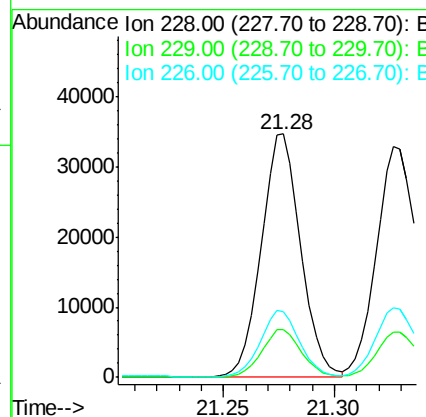
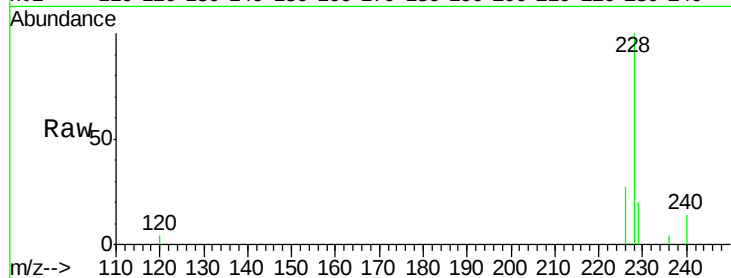




#18
Benzo(a)anthracene
Concen: 0.407 ng/ul
RT: 21.28 min Scan# 4708
Delta R.T. -0.00 min
Lab File: BN001860.D
Acq: 14 Jun 2018 01:11

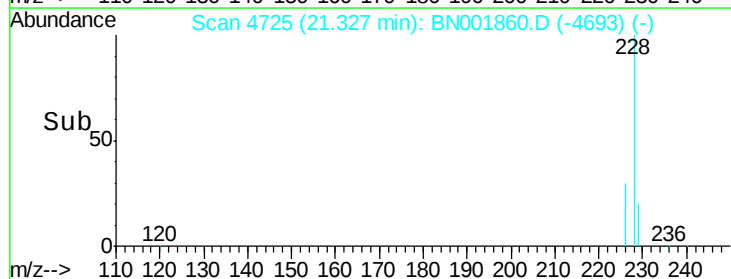
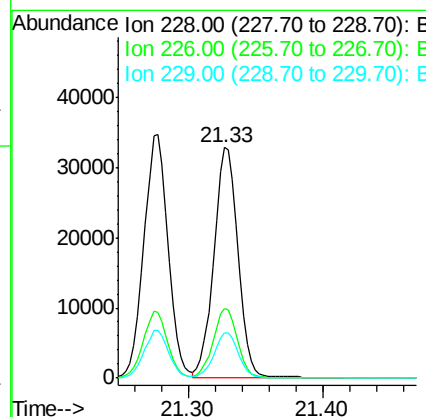
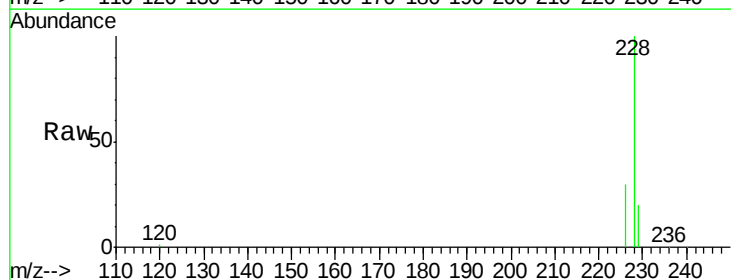
Instrument :
BNA_N
ClientSampleId :

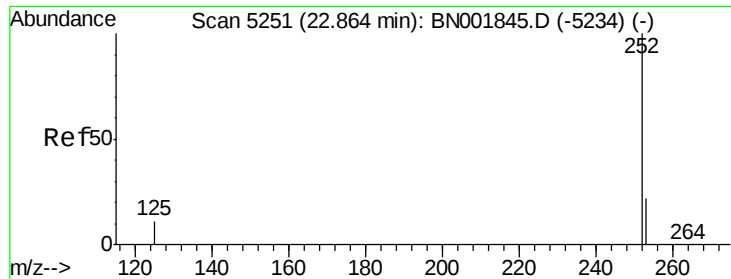
Tot Ion:228 Resp: 42661
Ion Ratio Lower Upper
228 100
229 19.8 22.8 34.2#
226 27.1 17.0 25.6#



#19
Chrysene
Concen: 0.392 ng/ul
RT: 21.33 min Scan# 4725
Delta R.T. -0.01 min
Lab File: BN001860.D
Acq: 14 Jun 2018 01:11

Tgt Ion:228 Resp: 40904
Ion Ratio Lower Upper
228 100
226 30.3 23.4 35.0
229 19.8 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.421 ng/ul

RT: 22.86 min Scan# 5249

Delta R.T. -0.01 min

Lab File: BN001860.D

Acq: 14 Jun 2018 01:11

Instrument :

BNA_N

ClientSampleId :

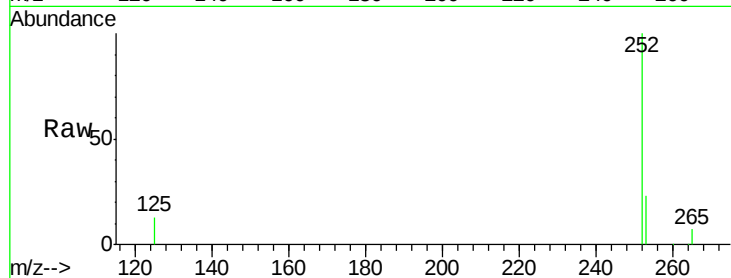
Tot Ion:252 Resp: 36348

Ion Ratio Lower Upper

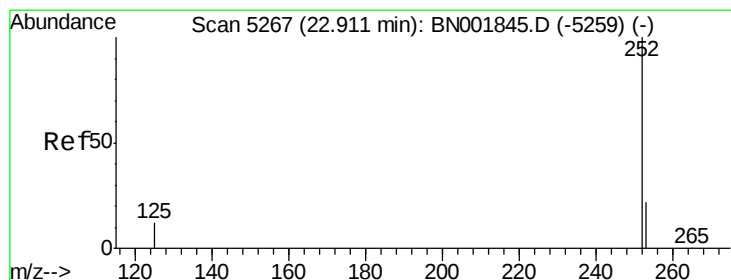
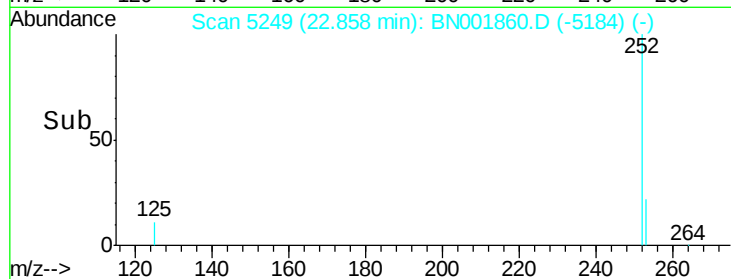
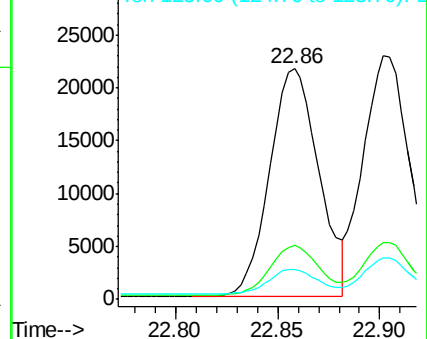
252 100

253 23.3 0.0 64.2

125 13.2 0.0 35.0



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: 0.426 ng/ul

RT: 22.90 min Scan# 5264

Delta R.T. -0.01 min

Lab File: BN001860.D

Acq: 14 Jun 2018 01:11

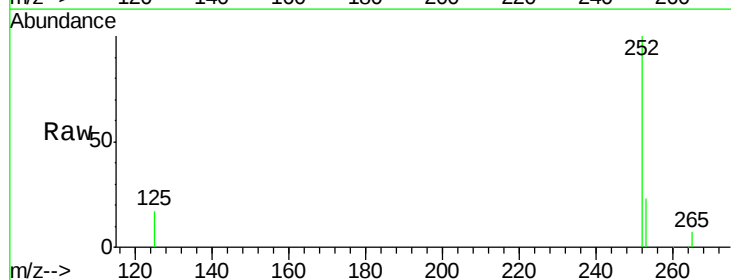
Tgt Ion:252 Resp: 36671

Ion Ratio Lower Upper

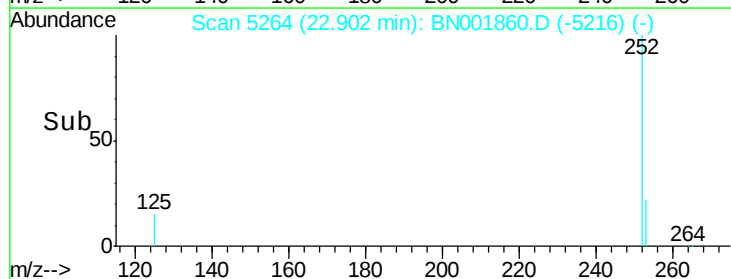
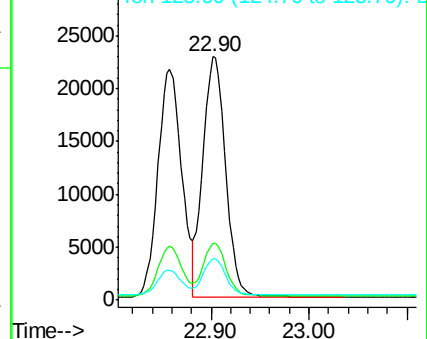
252 100

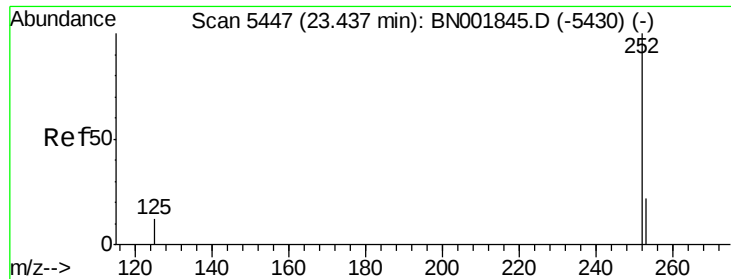
253 23.2 24.5 36.7#

125 17.1 13.7 20.5



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: 0.411 ng/ul

RT: 23.43 min Scan# 5444

Delta R.T. -0.01 min

Lab File: BN001860.D

Acq: 14 Jun 2018 01:11

Instrument :

BNA_N

ClientSampleId :

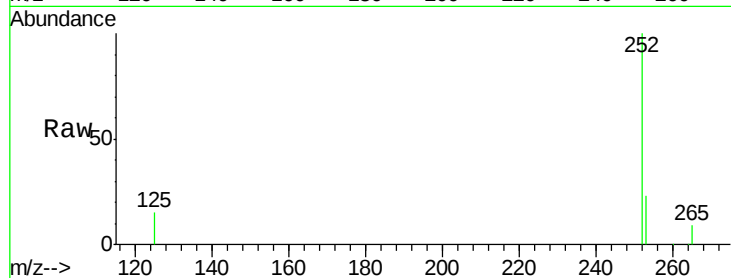
Tot Ion:252 Resp: 32973

Ion Ratio Lower Upper

252 100

253 23.3 16.0 24.0

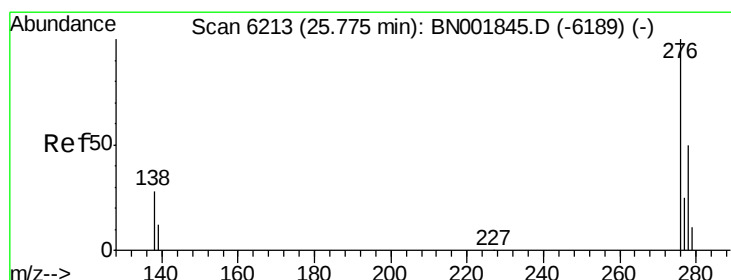
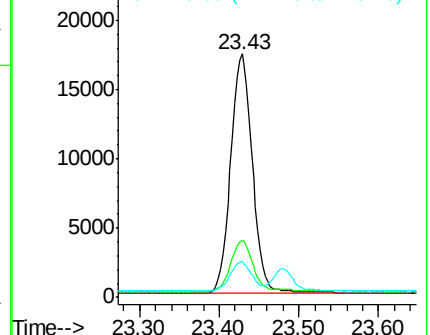
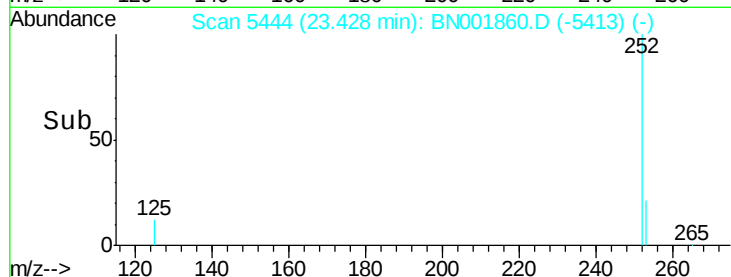
125 14.7 12.0 18.0



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: 0.366 ng/ul

RT: 25.77 min Scan# 6210

Delta R.T. -0.01 min

Lab File: BN001860.D

Acq: 14 Jun 2018 01:11

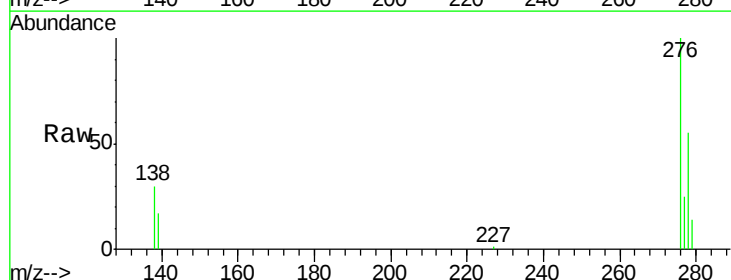
Tgt Ion:276 Resp: 32975

Ion Ratio Lower Upper

276 100

138 30.2 28.0 42.0

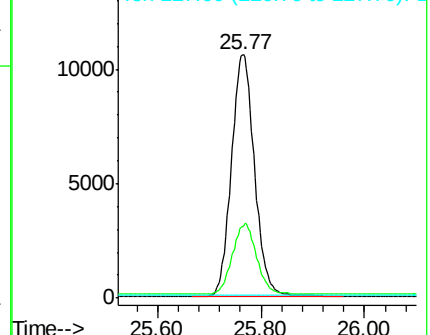
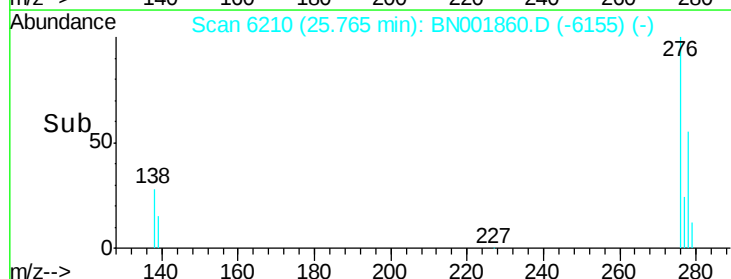
227 0.2 0.8 1.2#

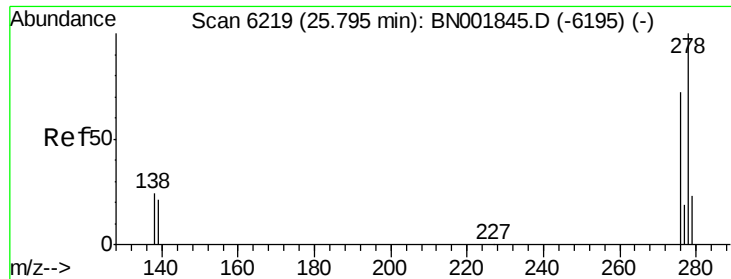


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

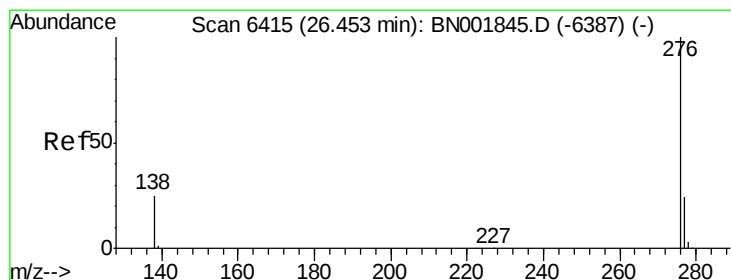
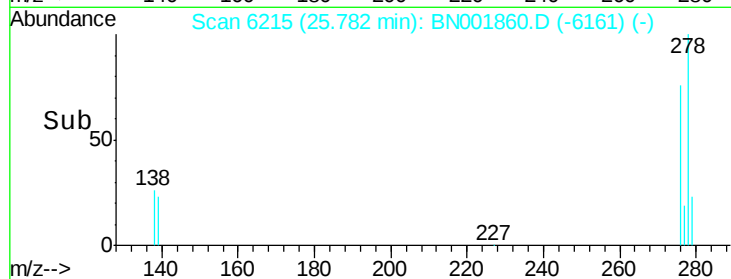
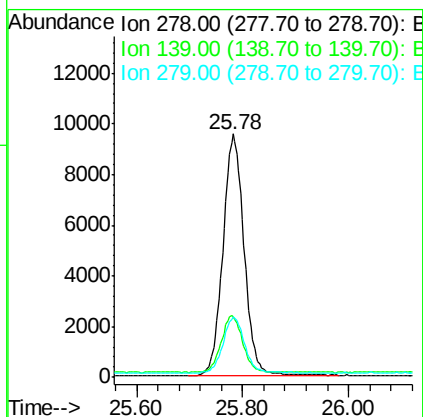
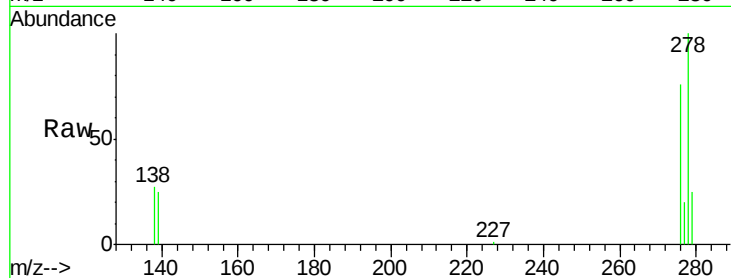




#25
Dibenzo(a,h)anthracene
Concen: 0.366 ng/ul
RT: 25.78 min Scan# 6215
Delta R.T. -0.02 min
Lab File: BN001860.D
Acq: 14 Jun 2018 01:11

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 26298
Ion Ratio Lower Upper
278 100
139 25.0 17.4 26.0
279 25.0 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 26.44 min Scan# 6412
Delta R.T. -0.01 min
Lab File: BN001860.D
Acq: 14 Jun 2018 01:11

Tgt Ion:276 Resp: 26954
Ion Ratio Lower Upper
276 100
138 26.7 21.8 32.8
277 24.3 20.5 30.7

