

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002793.D
 Acq On : 20 Sep 2018 19:08
 Operator : JU/SJ
 Sample : J4874-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z75

Quant Time: Sep 21 04:01:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 21 04:00:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	1585	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.42	136	6122	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	3411	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	670540	0.40	ng/ul	0.08
16) Chrysene-d12	21.26	240	4308	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	6259	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	4299	0.49	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

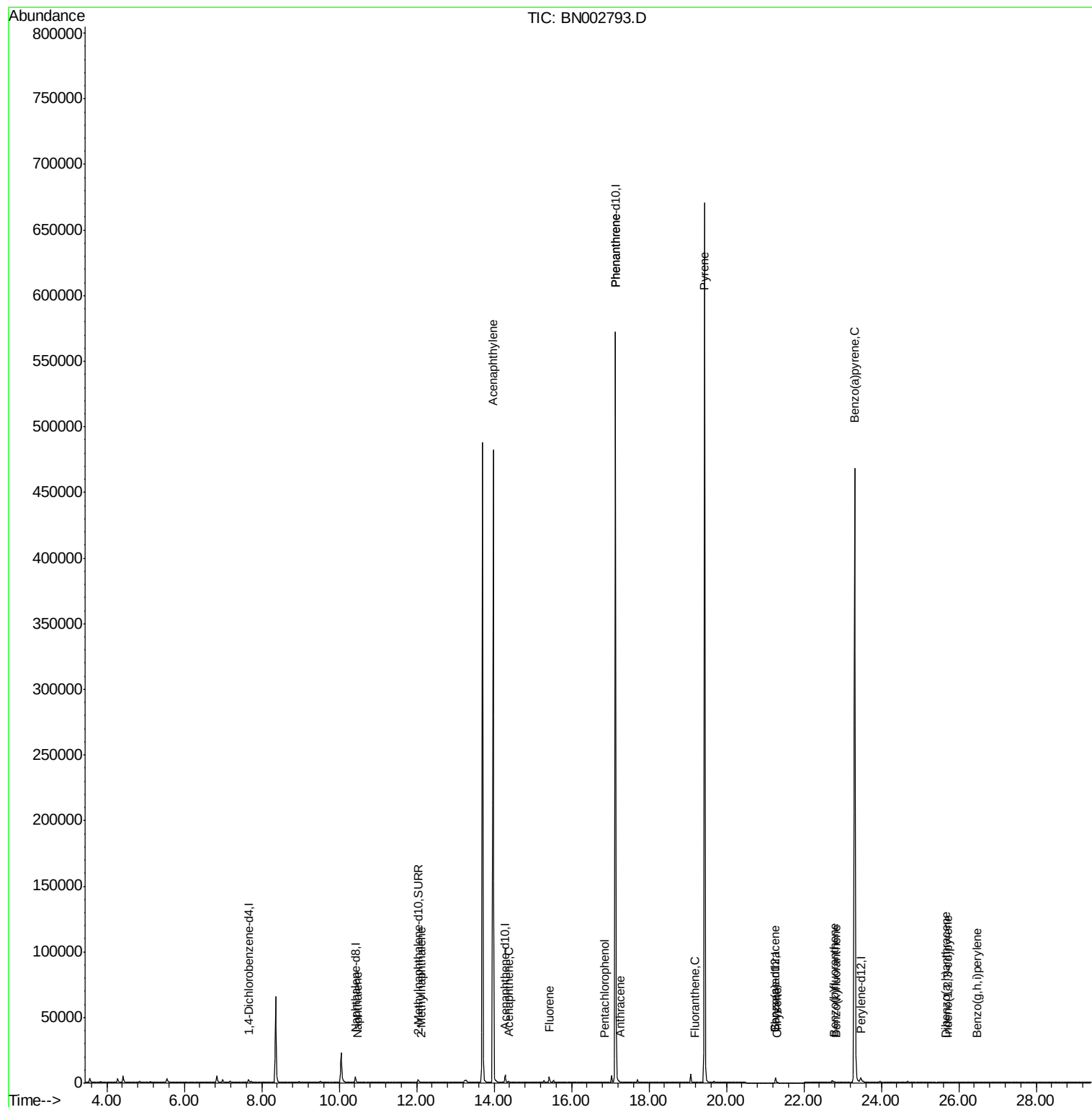
Target Compounds					Qvalue	
3) Naphthalene	10.47	128	256	0.017	ng/ul#	43
5) 2-Methylnaphthalene	12.12	142	49	0.005	ng/ul	90
7) Acenaphthylene	13.97	152	64	0.004	ng/ul#	1
8) Acenaphthene	14.37	153	1281	0.109	ng/ul#	26
9) Fluorene	15.43	166	64	0.005	ng/ul#	1
11) Pentachlorophenol	16.84	266	2	0.000	ng/ul#	53
12) Phenanthrene	17.13	178	324	0.000	ng/ul#	1
13) Anthracene	17.26	178	13	0.000	ng/ul#	1
15) Fluoranthene	19.19	202	1	0.000	ng/ul#	1
17) Pyrene	19.43	202	1037	0.074	ng/ul#	1
18) Benzo(a)anthracene	21.26	228	58	0.005	ng/ul#	6
19) Chrysene	21.31	228	67	0.005	ng/ul#	10
21) Benzo(b)fluoranthene	22.80	252	153	0.007	ng/ul#	1
22) Benzo(k)fluoranthene	22.85	252	108	0.005	ng/ul#	1
23) Benzo(a)pyrene	23.31	252	2206	0.111	ng/ul#	60
24) Indeno(1,2,3-cd)pyrene	25.71	276	4	0.000	ng/ul#	38
25) Dibenzo(a,h)anthracene	25.66	278	4	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.47	276	100	0.005	ng/ul#	1

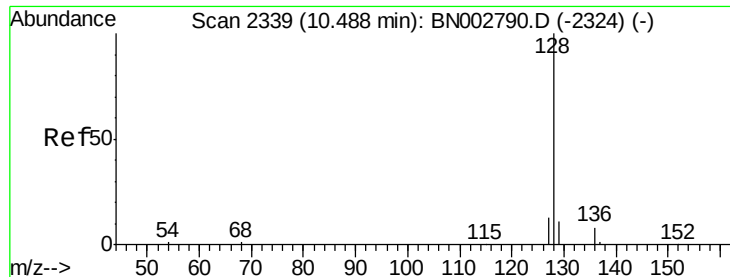
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
Data File : BN002793.D
Acq On : 20 Sep 2018 19:08
Operator : JU/SJ
Sample : J4874-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z75

Quant Time: Sep 21 04:01:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 21 04:00:39 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.017 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.02 min

Lab File: BN002793.D

Acq: 20 Sep 2018 19:08

Instrument :

BNA_N

ClientSampleId :

A3Z75

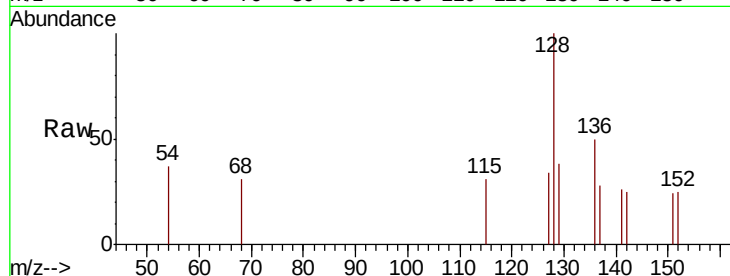
Tgt Ion:128 Resp: 256

Ion Ratio Lower Upper

128 100

129 37.7 8.0 12.0#

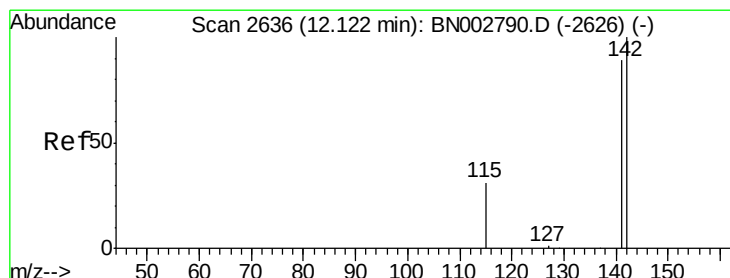
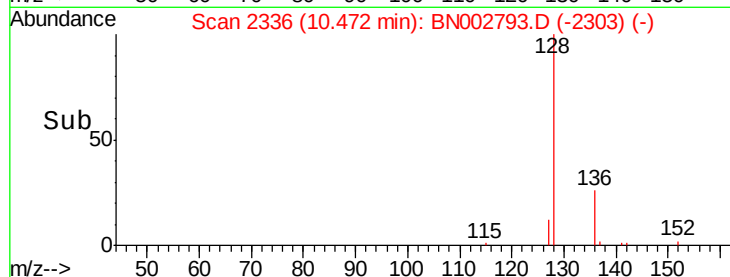
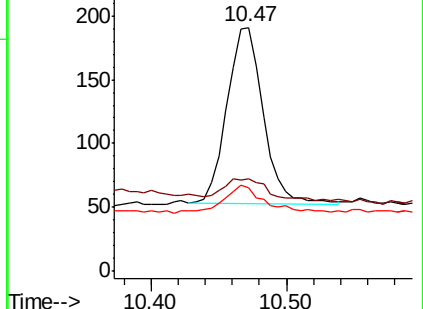
127 34.0 12.0 18.0#



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: 0.005 ng/ul

RT: 12.12 min Scan# 2635

Delta R.T. -0.01 min

Lab File: BN002793.D

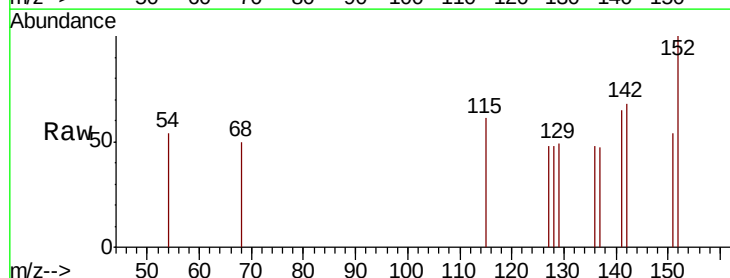
Acq: 20 Sep 2018 19:08

Tgt Ion:142 Resp: 49

Ion Ratio Lower Upper

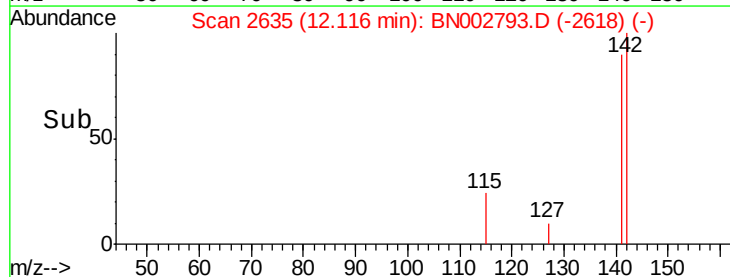
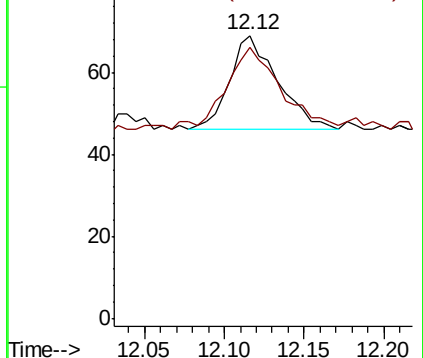
142 100

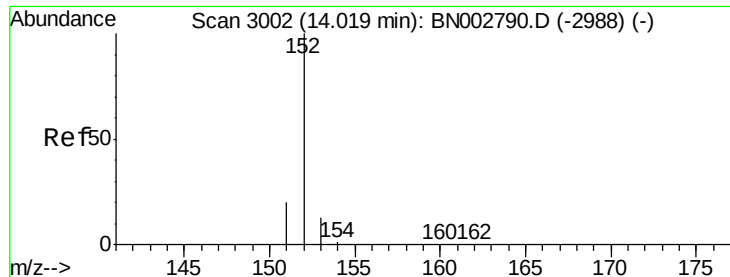
141 100.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.004 ng/ul

RT: 13.97 min Scan# 2992

Delta R.T. -0.05 min

Lab File: BN002793.D

Acq: 20 Sep 2018 19:08

Instrument :

BNA_N

ClientSampleId :

A3Z75

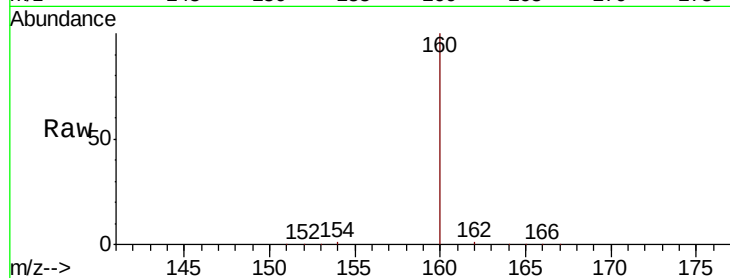
Tgt Ion:152 Resp: 64

Ion Ratio Lower Upper

152 100

151 77.8 17.1 25.7#

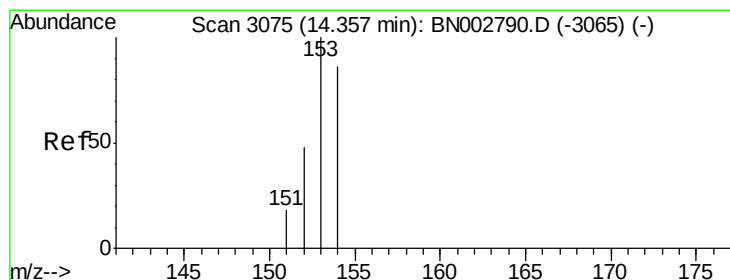
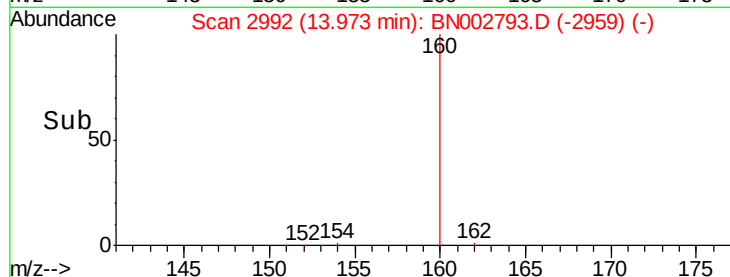
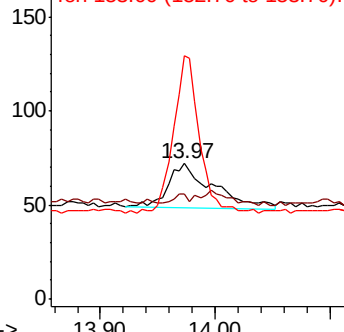
153 179.2 12.8 19.2#



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



#8

Acenaphthene

Concen: 0.109 ng/ul

RT: 14.37 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BN002793.D

Acq: 20 Sep 2018 19:08

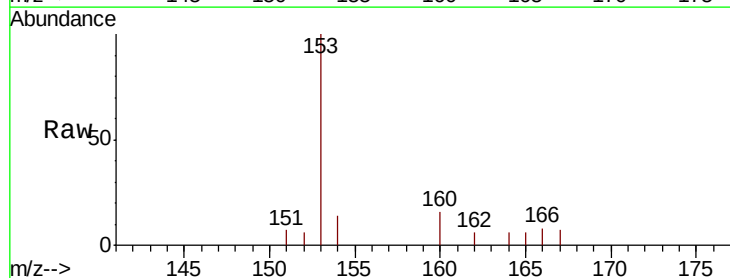
Tgt Ion:153 Resp: 1281

Ion Ratio Lower Upper

153 100

152 6.2 36.0 54.0#

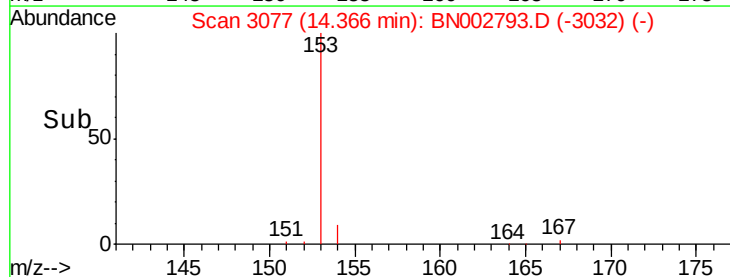
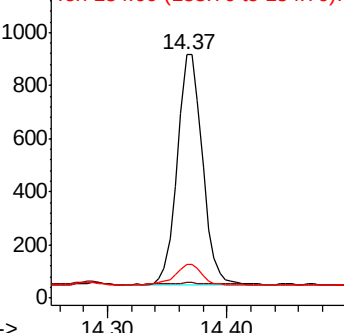
154 14.0 72.0 108.0#

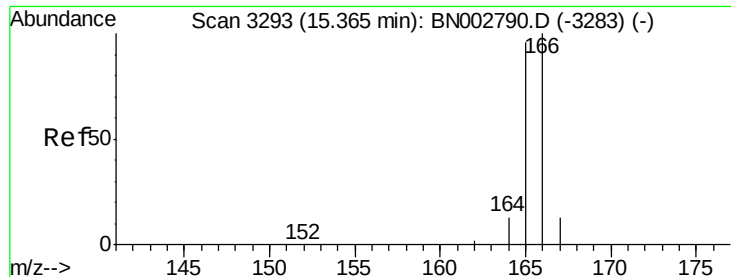


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.005 ng/ul

RT: 15.43 min Scan# 3306

Delta R.T. 0.06 min

Lab File: BN002793.D

Acq: 20 Sep 2018 19:08

Instrument :

BNA_N

ClientSampleId :

A3Z75

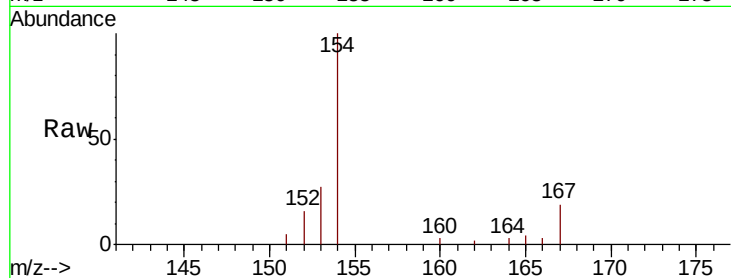
Tgt Ion:166 Resp: 64

Ion Ratio Lower Upper

166 100

165 111.0 73.4 110.2#

167 597.6 14.6 22.0#

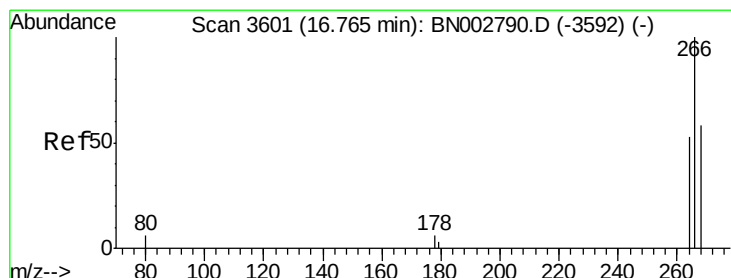
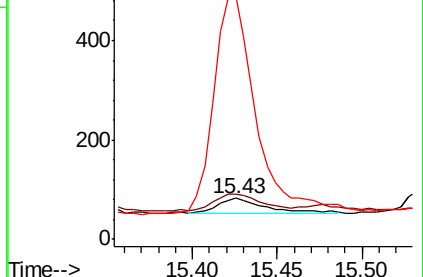
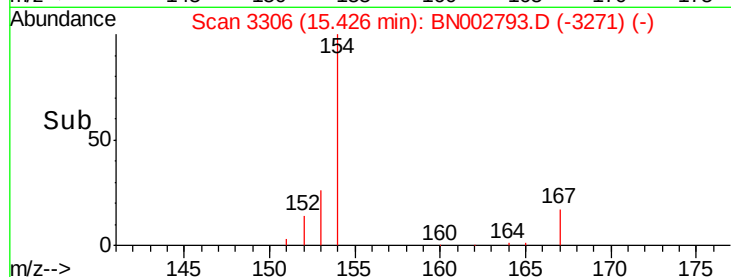


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.43



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.84 min Scan# 3619

Delta R.T. 0.08 min

Lab File: BN002793.D

Acq: 20 Sep 2018 19:08

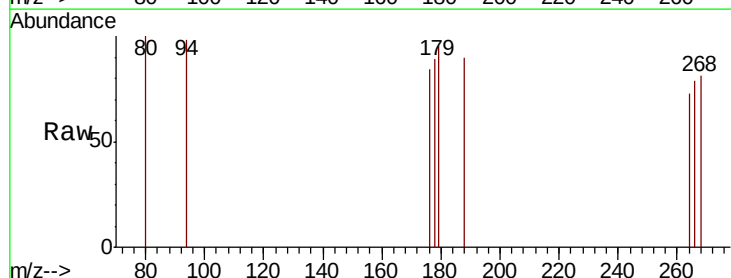
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

268 50.0 49.8 74.8

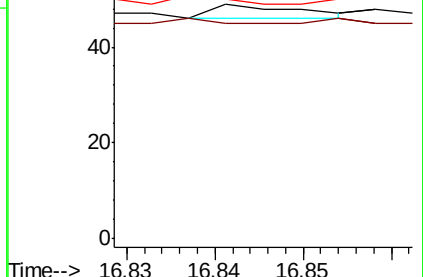
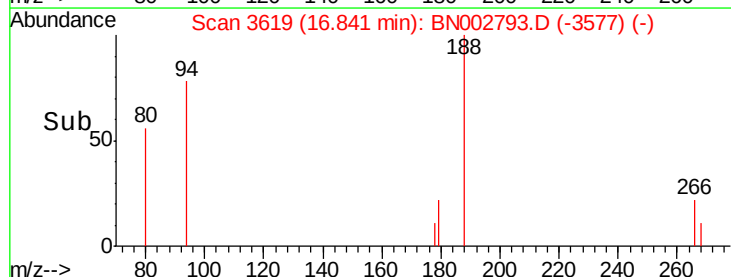


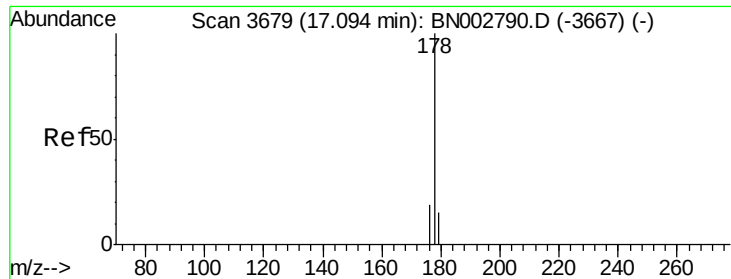
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.84





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.13 min Scan# 3688

Delta R.T. 0.04 min

Lab File: BN002793.D

Acq: 20 Sep 2018 19:08

Instrument :

BNA_N

ClientSampleId :

A3Z75

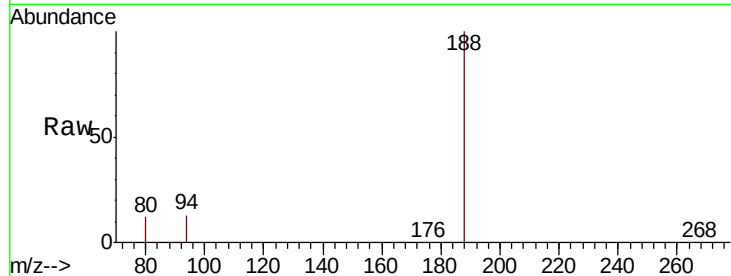
Tgt Ion:178 Resp: 324

Ion Ratio Lower Upper

178 100

179 239.7 18.4 27.6#

176 23.6 13.6 20.4#



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

600

400

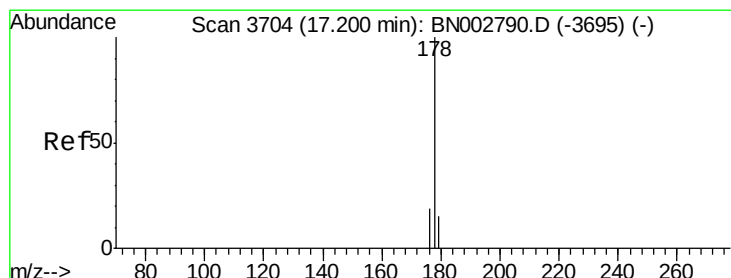
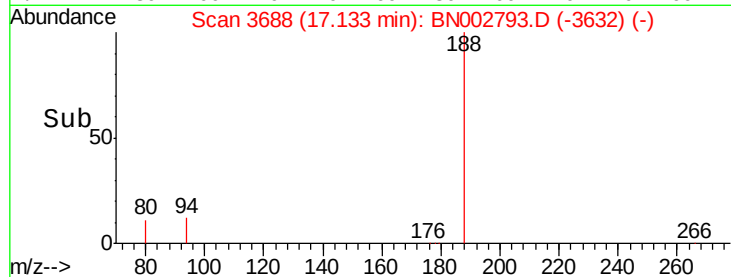
200

0

17.13

17.10 17.20

Time-->



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. 0.06 min

Lab File: BN002793.D

Acq: 20 Sep 2018 19:08

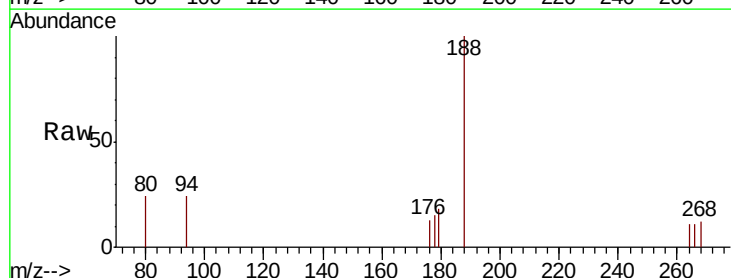
Tgt Ion:178 Resp: 13

Ion Ratio Lower Upper

178 100

179 115.4 18.1 27.1#

176 86.2 14.7 22.1#



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

100

80

60

40

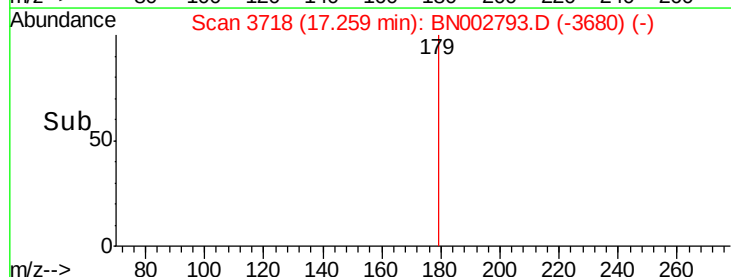
20

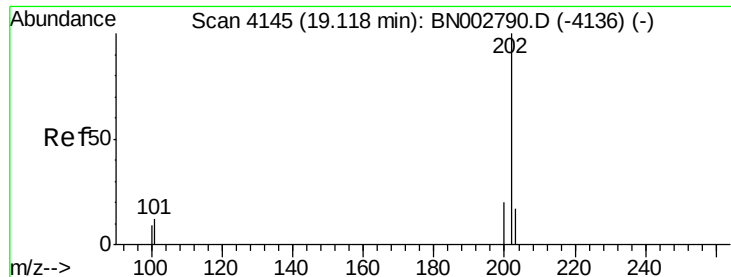
0

17.26

17.25 17.30

Time-->

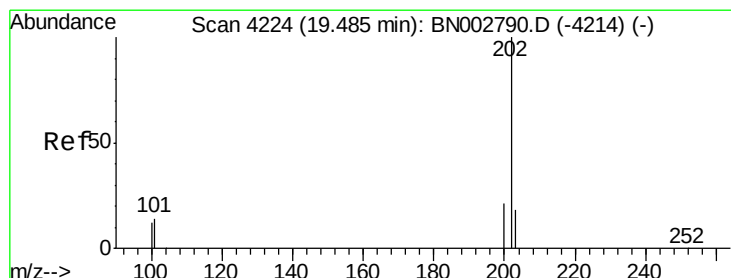
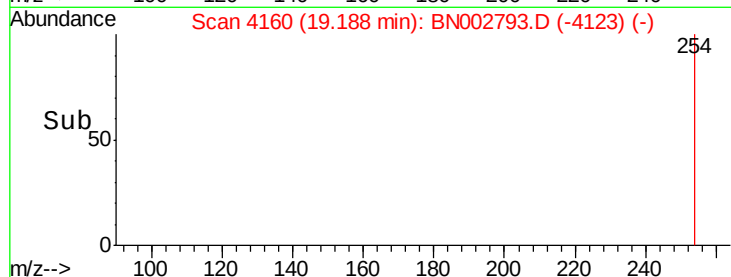
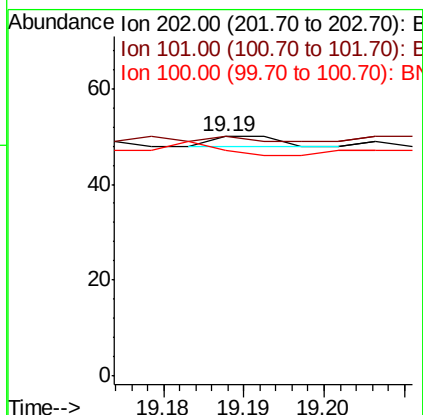
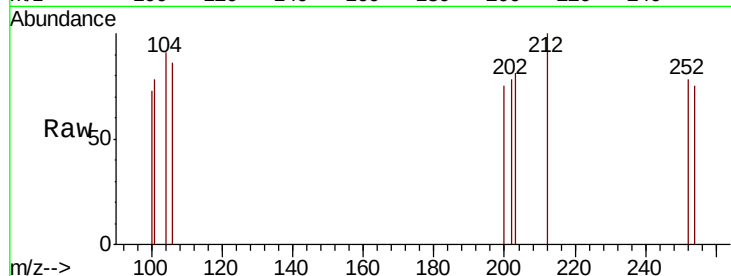




#15
Fluoranthene
Concen: 0.000 ng/ul
RT: 19.19 min Scan# 4160
Delta R.T. 0.07 min
Lab File: BN002793.D
Acq: 20 Sep 2018 19:08

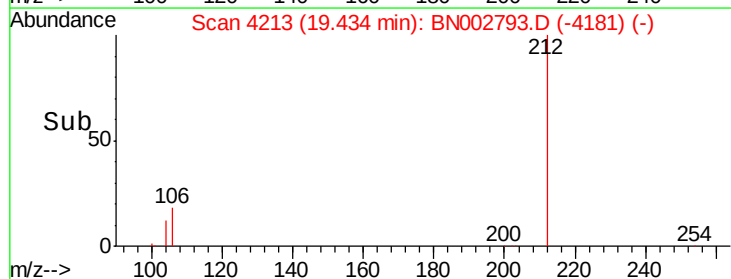
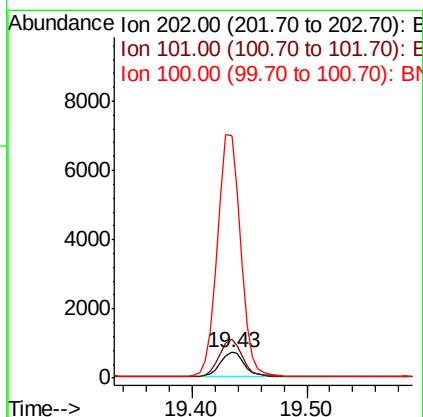
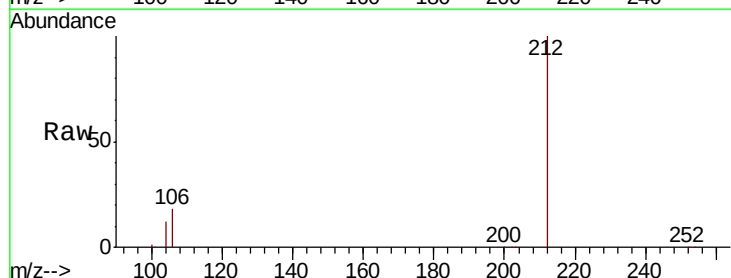
Instrument :
BNA_N
ClientSampleId :
A3Z75

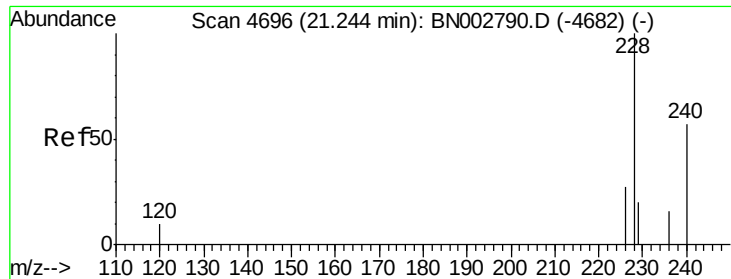
Tgt Ion:202 Resp: 1
Ion Ratio Lower Upper
202 100
101 100.0 0.0 30.0#
100 94.0 0.0 30.0#



#17
Pyrene
Concen: 0.074 ng/ul
RT: 19.43 min Scan# 4213
Delta R.T. -0.05 min
Lab File: BN002793.D
Acq: 20 Sep 2018 19:08

Tgt Ion:202 Resp: 1037
Ion Ratio Lower Upper
202 100
101 148.7 12.0 18.0#
100 940.7 8.0 12.0#





#18

Benzo(a)anthracene

Concen: 0.005 ng/ul

RT: 21.26 min Scan# 4703

Delta R.T. 0.02 min

Lab File: BN002793.D

Acq: 20 Sep 2018 19:08

Instrument :

BNA_N

ClientSampleId :

A3Z75

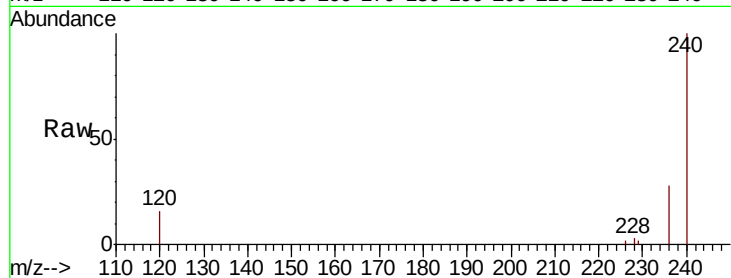
Tgt Ion:228 Resp: 58

Ion Ratio Lower Upper

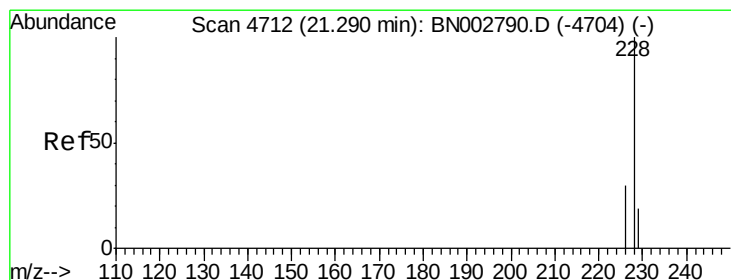
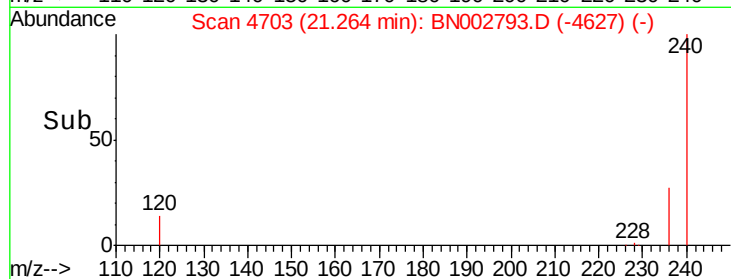
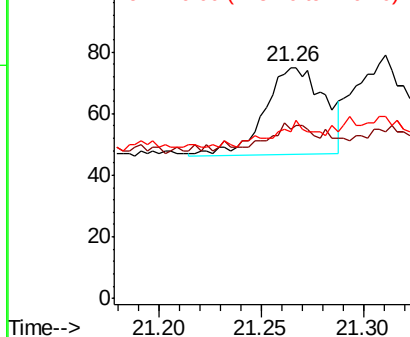
228 100

229 73.3 22.8 34.2#

226 72.0 17.0 25.6#



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: 0.005 ng/ul

RT: 21.31 min Scan# 4719

Delta R.T. 0.02 min

Lab File: BN002793.D

Acq: 20 Sep 2018 19:08

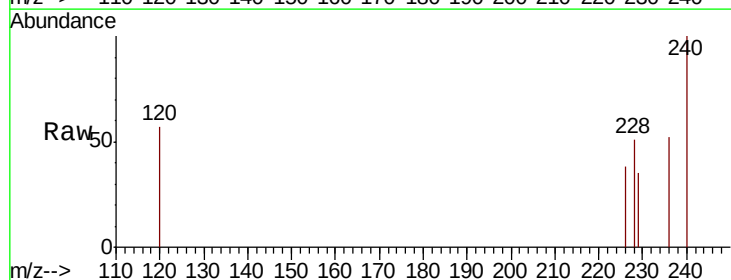
Tgt Ion:228 Resp: 67

Ion Ratio Lower Upper

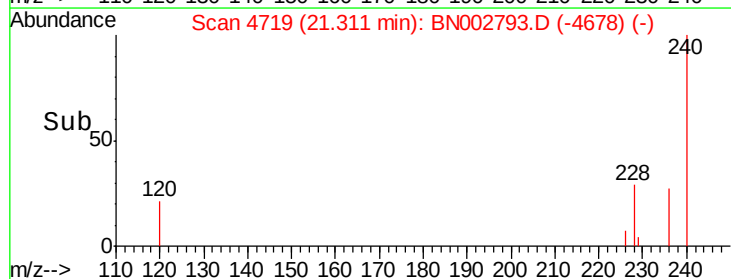
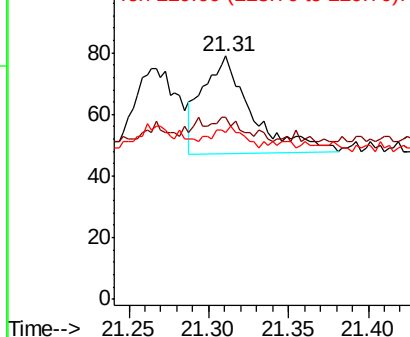
228 100

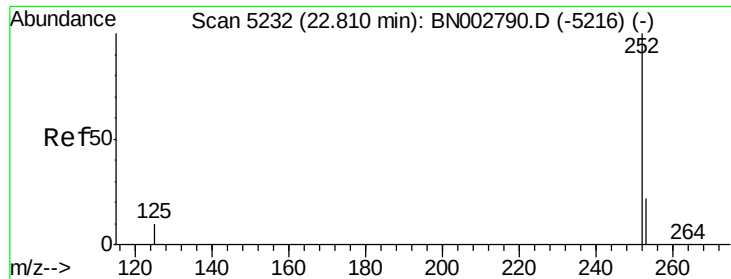
226 74.7 23.4 35.0#

229 68.4 17.7 26.5#



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: 0.007 ng/ul

RT: 22.80 min Scan# 5229

Delta R.T. -0.01 min

Lab File: BN002793.D

Acq: 20 Sep 2018 19:08

Instrument :

BNA_N

ClientSampleId :

A3Z75

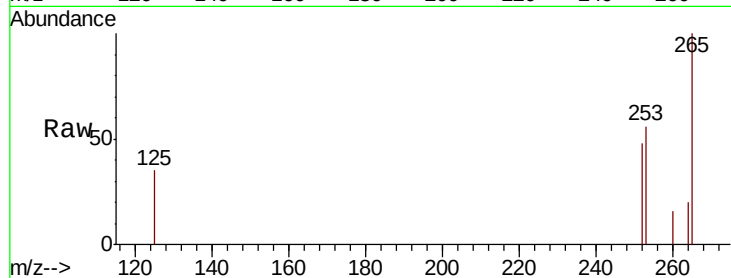
Tgt Ion:252 Resp: 153

Ion Ratio Lower Upper

252 100

253 116.3 0.0 64.2#

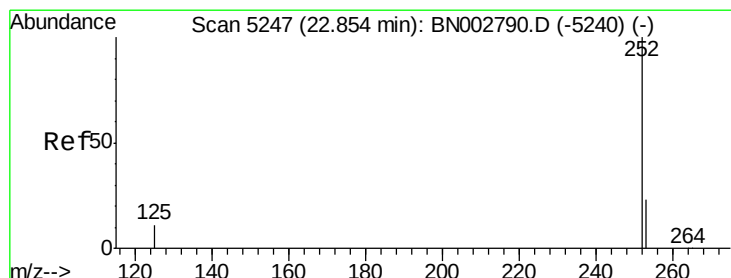
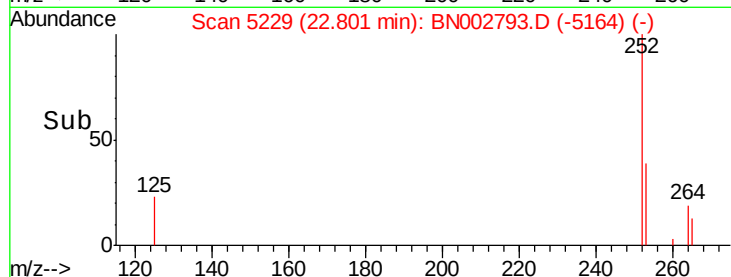
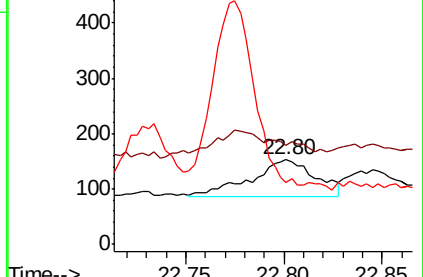
125 73.9 0.0 35.0#



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: 0.005 ng/ul

RT: 22.85 min Scan# 5244

Delta R.T. -0.01 min

Lab File: BN002793.D

Acq: 20 Sep 2018 19:08

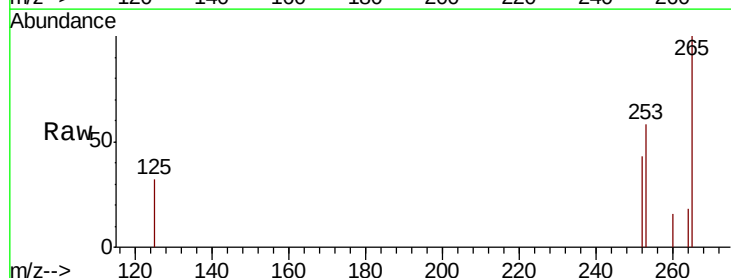
Tgt Ion:252 Resp: 108

Ion Ratio Lower Upper

252 100

253 133.8 24.5 36.7#

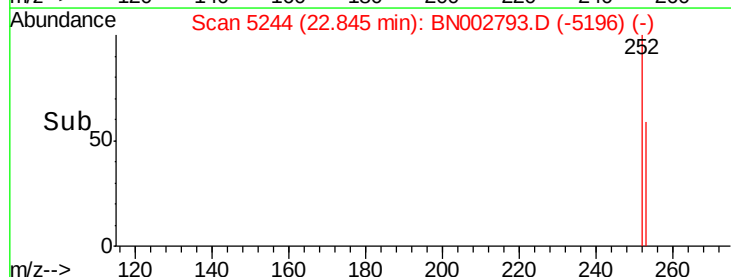
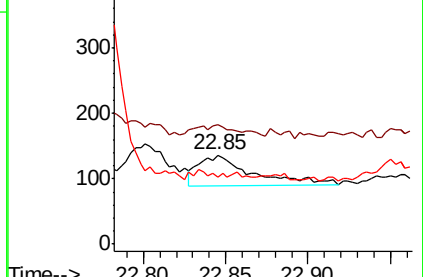
125 75.0 13.7 20.5#

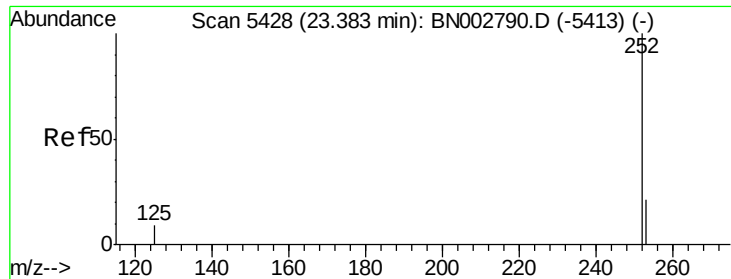


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.111 ng/uL

RT: 23.31 min Scan# 5402

Delta R.T. -0.08 min

Lab File: BN002793.D

Acq: 20 Sep 2018 19:08

Instrument :

BNA_N

ClientSampleId :

A3Z75

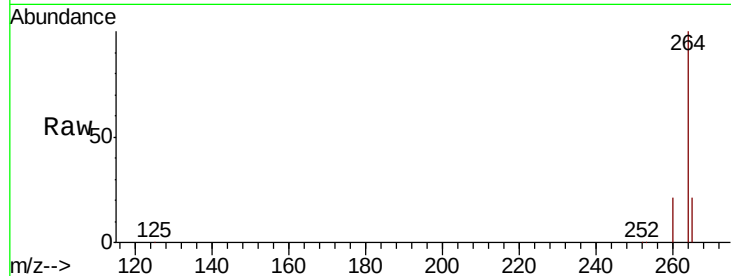
Tgt Ion: 252 Resp: 2206

Ion Ratio Lower Upper

252 100

253 38.4 16.0 24.0#

125 31.1 12.0 18.0#

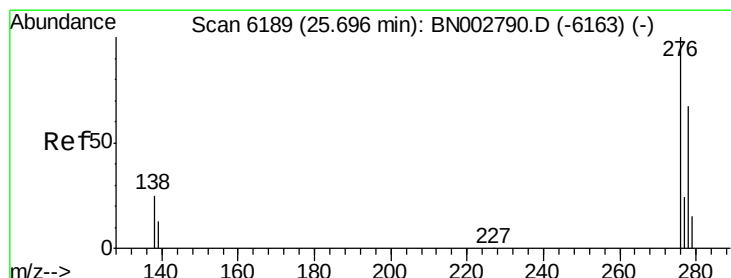
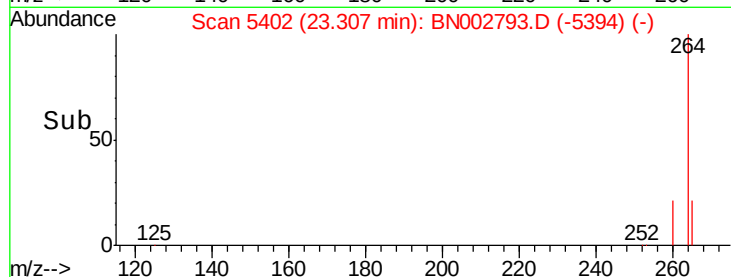
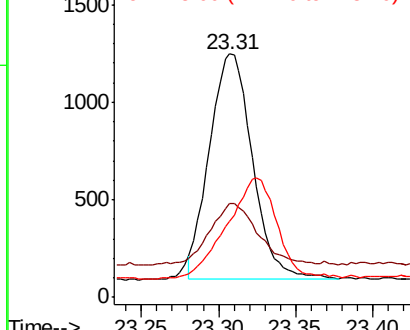


Abundance

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: 0.000 ng/uL

RT: 25.71 min Scan# 6192

Delta R.T. 0.01 min

Lab File: BN002793.D

Acq: 20 Sep 2018 19:08

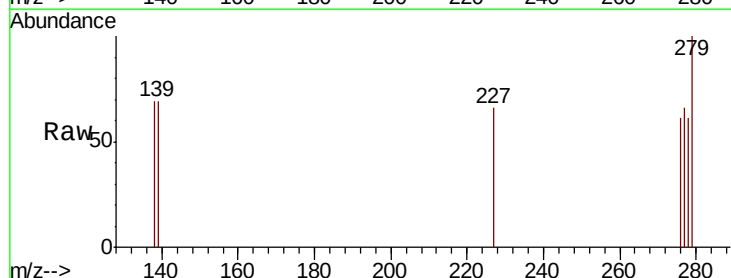
Tgt Ion: 276 Resp: 4

Ion Ratio Lower Upper

276 100

138 0.0 28.0 42.0#

227 50.0 0.8 1.2#

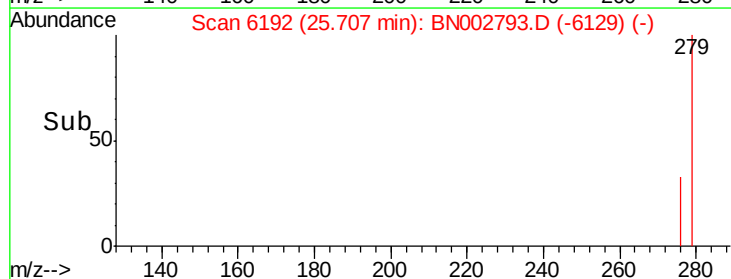
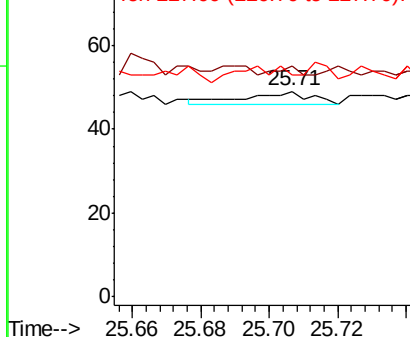


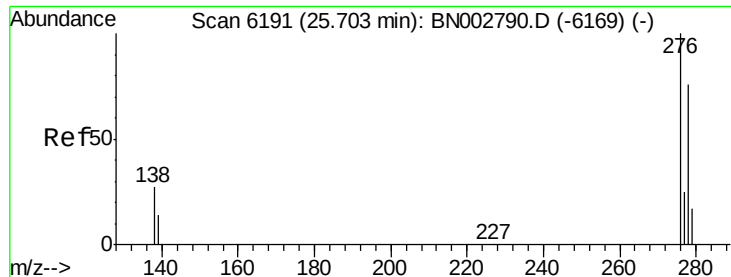
Abundance

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

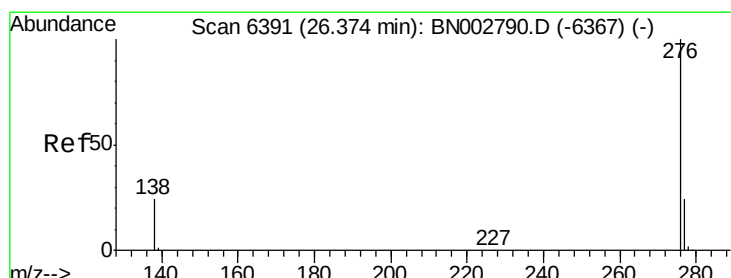
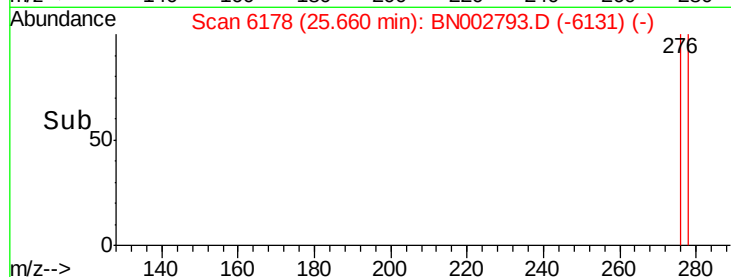
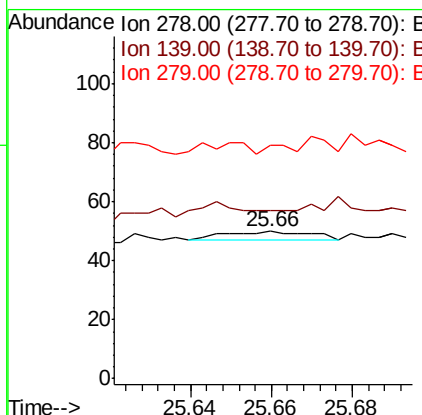
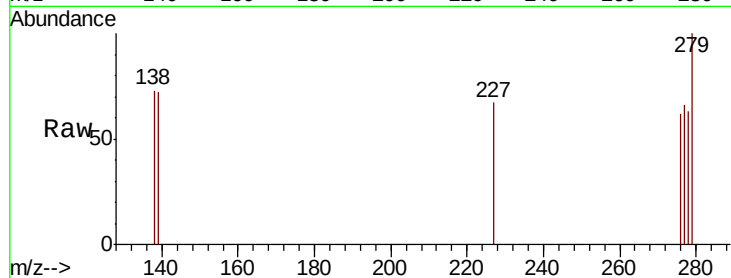




#25
Dibenzo(a,h)anthracene
Concen: 0.000 ng/ul
RT: 25.66 min Scan# 6178
Delta R.T. -0.04 min
Lab File: BN002793.D
Acq: 20 Sep 2018 19:08

Instrument :
BNA_N
ClientSampleId :
A3Z75

Tgt Ion: 278 Resp: 4
Ion Ratio Lower Upper
278 100
139 114.0 17.4 26.0#
279 158.0 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.005 ng/ul
RT: 26.47 min Scan# 6419
Delta R.T. 0.09 min
Lab File: BN002793.D
Acq: 20 Sep 2018 19:08

Tgt Ion: 276 Resp: 100
Ion Ratio Lower Upper
276 100
138 88.2 21.8 32.8#
277 85.3 20.5 30.7#

