

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002800.D
 Acq On : 20 Sep 2018 23:13
 Operator : JU/SJ
 Sample : J4900-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3ZE7

Quant Time: Sep 21 04:02:03 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	1695	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.42	136	6255	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	3236	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	522344	0.40	ng/ul	0.07
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.25
20) Perylene-d12	23.45	264	6879	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.04	152	3111	0.35	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

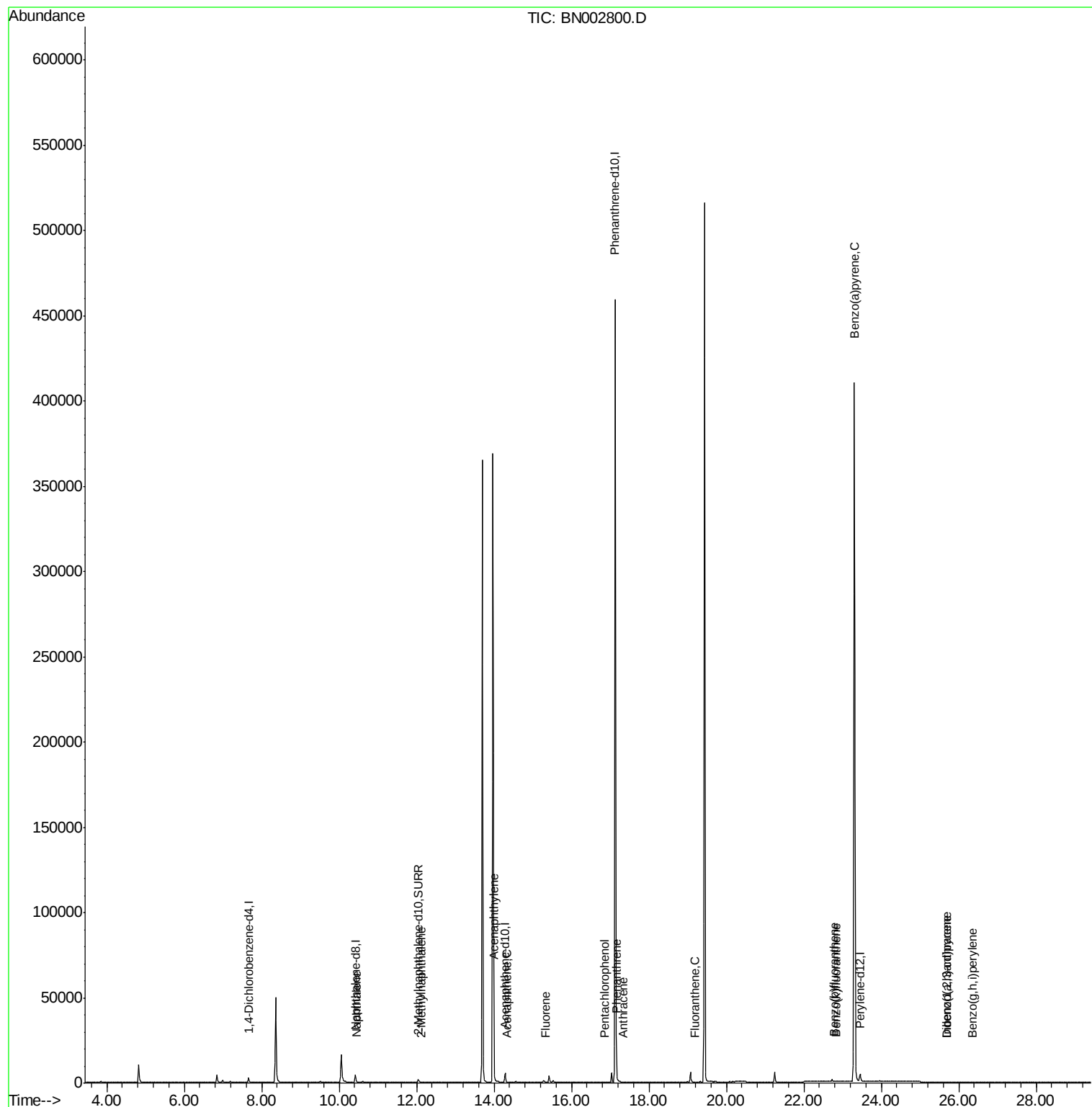
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.47	128	112	0.007	ng/ul#	1
5) 2-Methylnaphthalene	12.12	142	24	0.002	ng/ul	92
7) Acenaphthylene	14.00	152	41	0.003	ng/ul#	1
8) Acenaphthene	14.34	153	24	0.002	ng/ul#	72
9) Fluorene	15.34	166	47	0.004	ng/ul#	81
11) Pentachlorophenol	16.85	266	1	0.000	ng/ul#	33
12) Phenanthrene	17.17	178	380	0.000	ng/ul#	63
13) Anthracene	17.34	178	10	0.000	ng/ul#	1
15) Fluoranthene	19.20	202	3	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	366	0.016	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	176	0.007	ng/ul#	1
23) Benzo(a)pyrene	23.30	252	2095	0.096	ng/ul#	50
24) Indeno(1,2,3-cd)pyrene	25.69	276	228	0.009	ng/ul#	85
25) Dibenzo(a,h)anthracene	25.70	278	156	0.007	ng/ul#	1
26) Benzo(g,h,i)perylene	26.37	276	202	0.009	ng/ul#	18

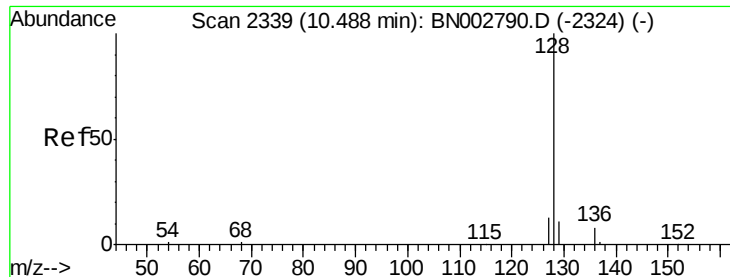
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.007 ng/ul

RT: 10.47 min Scan# 2335

Delta R.T. -0.02 min

Lab File: BN002800.D

Acq: 20 Sep 2018 23:13

Instrument :

BNA_N

ClientSampleId :

A3ZE7

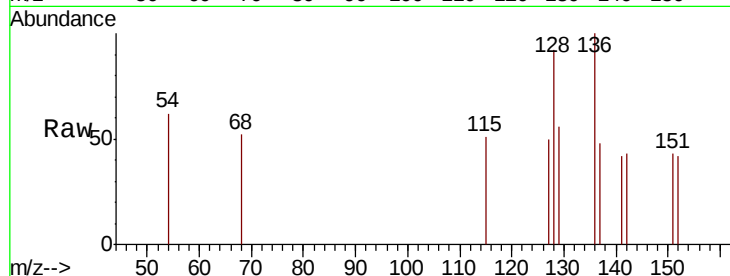
Tgt Ion:128 Resp: 112

Ion Ratio Lower Upper

128 100

129 61.0 8.0 12.0#

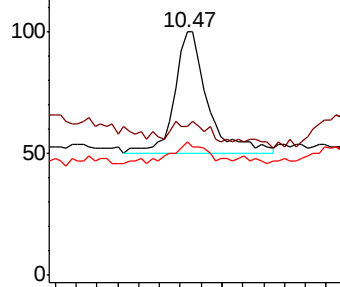
127 55.0 12.0 18.0#



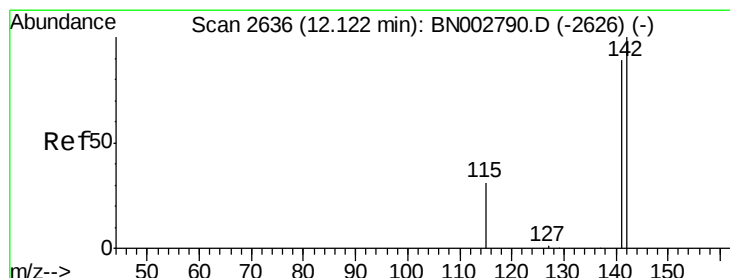
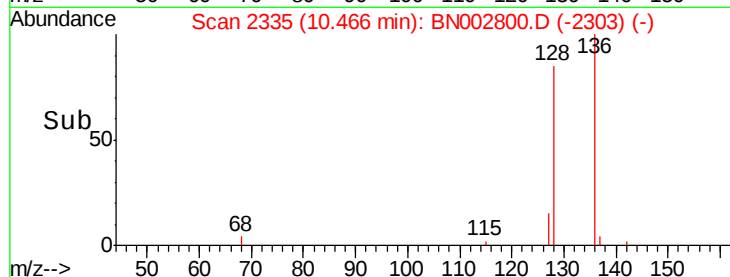
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.002 ng/ul

RT: 12.12 min Scan# 2636

Delta R.T. 0.00 min

Lab File: BN002800.D

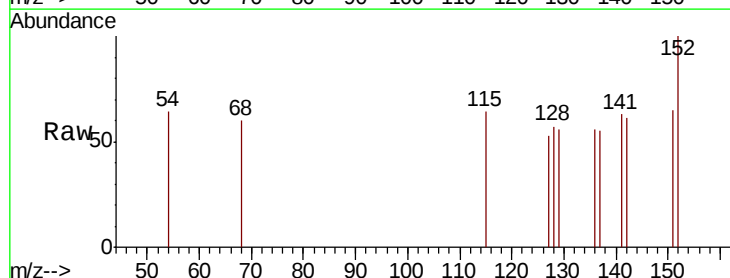
Acq: 20 Sep 2018 23:13

Tgt Ion:142 Resp: 24

Ion Ratio Lower Upper

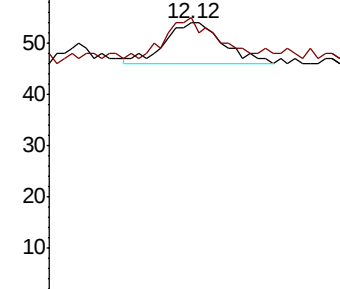
142 100

141 83.3 72.6 108.8

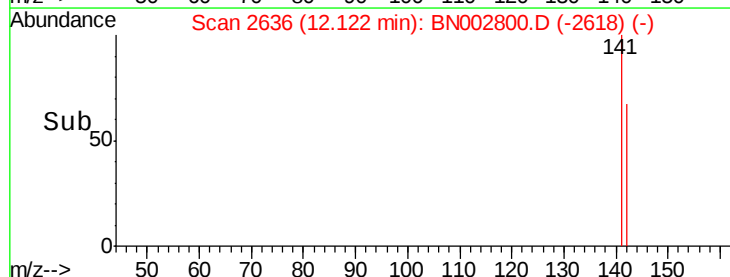


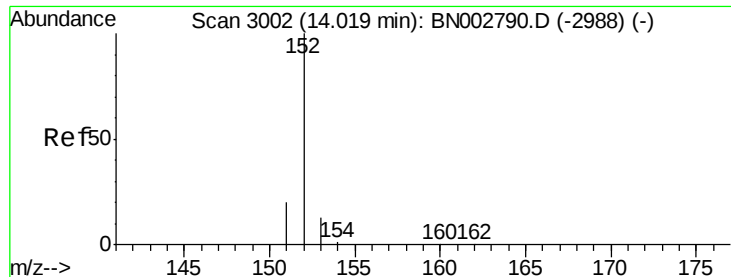
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.003 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BN002800.D

Acq: 20 Sep 2018 23:13

Instrument :

BNA_N

ClientSampleId :

A3ZE7

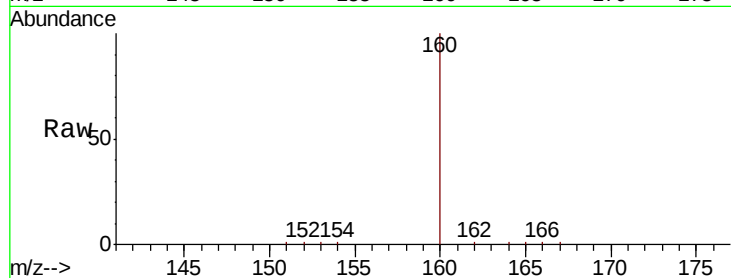
Tgt Ion:152 Resp: 41

Ion Ratio Lower Upper

152 100

151 73.0 17.1 25.7#

153 71.6 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

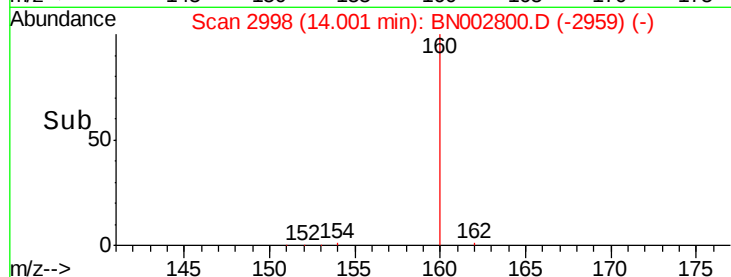
150

100

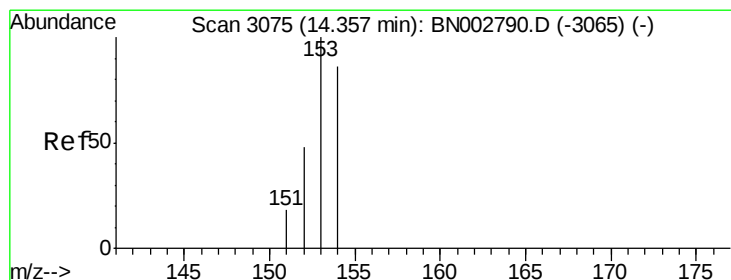
50

14.00

Time-->



Time-->



#8

Acenaphthene

Concen: 0.002 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN002800.D

Acq: 20 Sep 2018 23:13

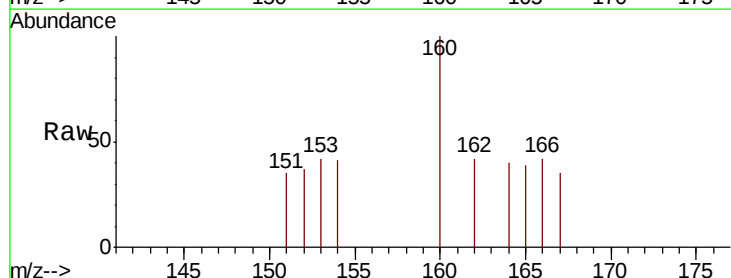
Tgt Ion:153 Resp: 24

Ion Ratio Lower Upper

153 100

152 88.3 36.0 54.0#

154 98.3 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

80

60

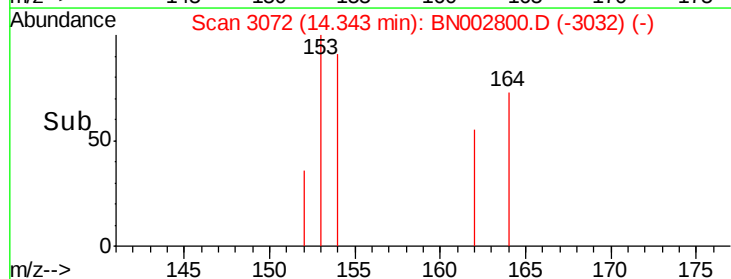
40

20

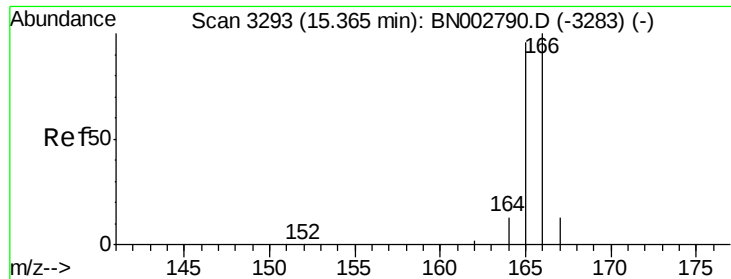
0

14.34

Time-->



Time-->



#9

Fluorene

Concen: 0.004 ng/ul

RT: 15.34 min Scan# 3288

Delta R.T. -0.02 min

Lab File: BN002800.D

Acq: 20 Sep 2018 23:13

Instrument :

BNA_N

ClientSampleId :

A3ZE7

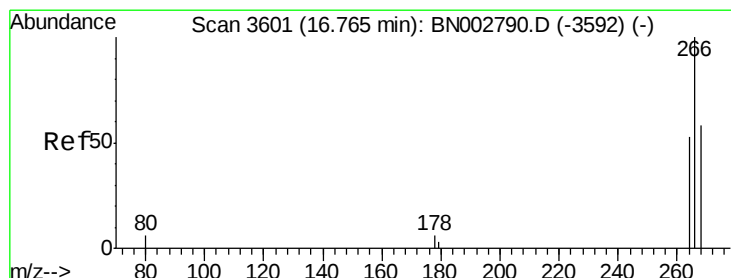
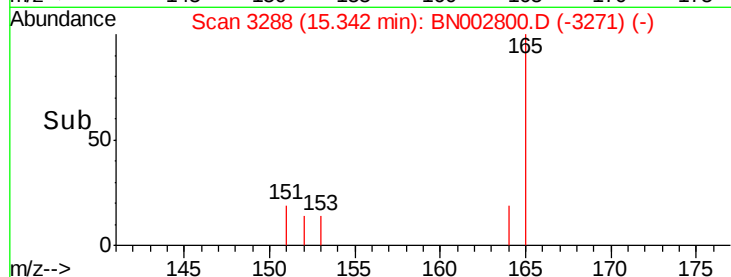
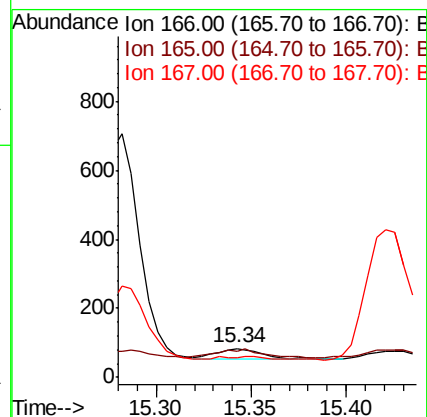
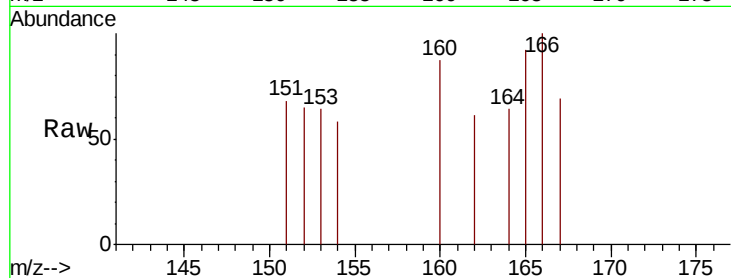
Tgt Ion:166 Resp: 47

Ion Ratio Lower Upper

166 100

165 91.7 73.4 110.2

167 69.0 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.85 min Scan# 3620

Delta R.T. 0.08 min

Lab File: BN002800.D

Acq: 20 Sep 2018 23:13

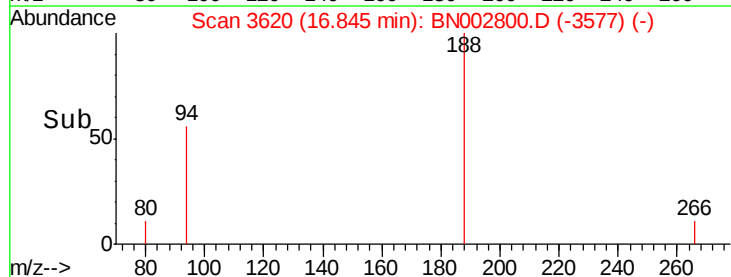
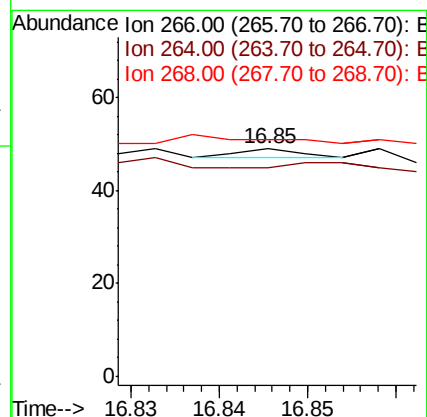
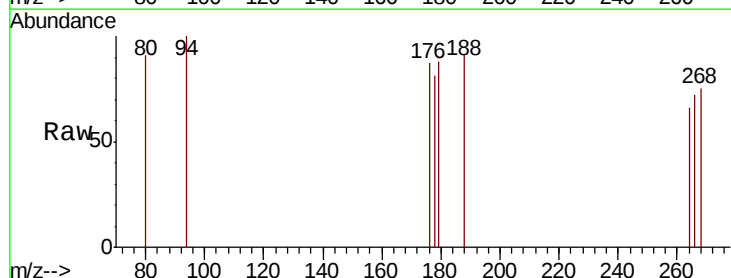
Tgt Ion:266 Resp: 1

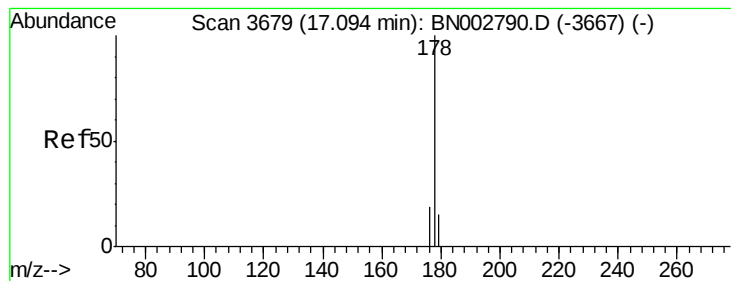
Ion Ratio Lower Upper

266 100

264 100.0 47.9 71.9#

268 0.0 49.8 74.8#





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.17 min Scan# 3696

Delta R.T. 0.07 min

Lab File: BN002800.D

Acq: 20 Sep 2018 23:13

Instrument :

BNA_N

ClientSampleId :

A3ZE7

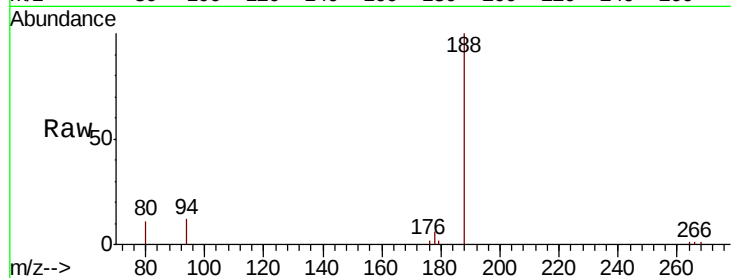
Tgt Ion:178 Resp: 380

Ion Ratio Lower Upper

178 100

179 38.4 18.4 27.6#

176 35.9 13.6 20.4#

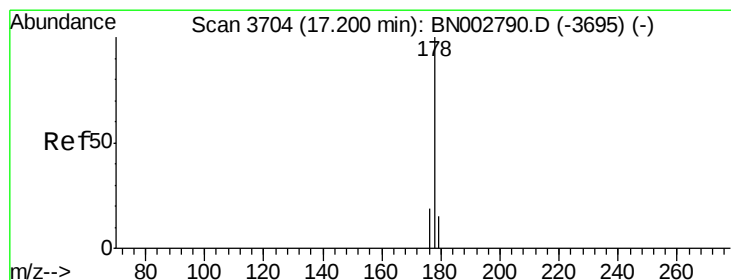
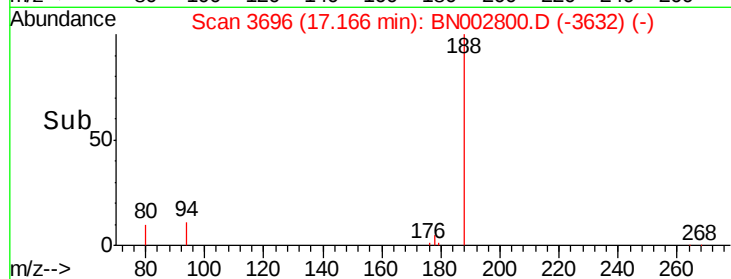
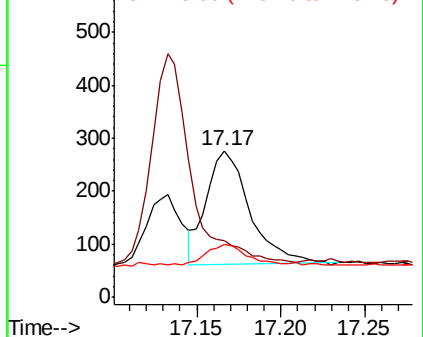


Abundance

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



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.34 min Scan# 3737

Delta R.T. 0.14 min

Lab File: BN002800.D

Acq: 20 Sep 2018 23:13

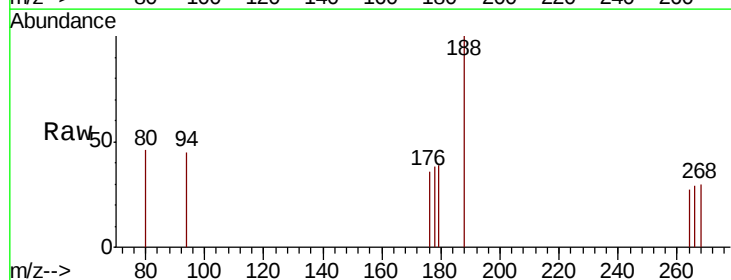
Tgt Ion:178 Resp: 10

Ion Ratio Lower Upper

178 100

179 104.6 18.1 27.1#

176 95.4 14.7 22.1#

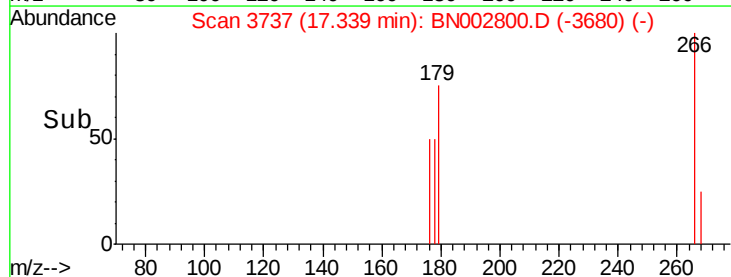
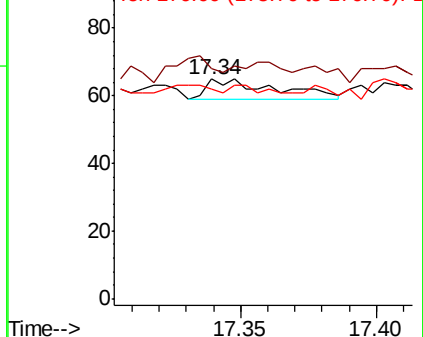


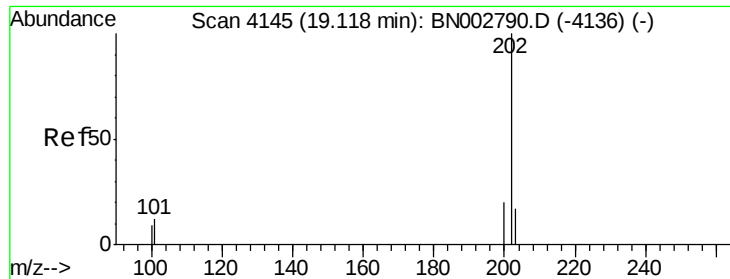
Abundance

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





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.20 min Scan# 4162

Delta R.T. 0.08 min

Lab File: BN002800.D

Acq: 20 Sep 2018 23:13

Instrument :

BNA_N

ClientSampleId :

A3ZE7

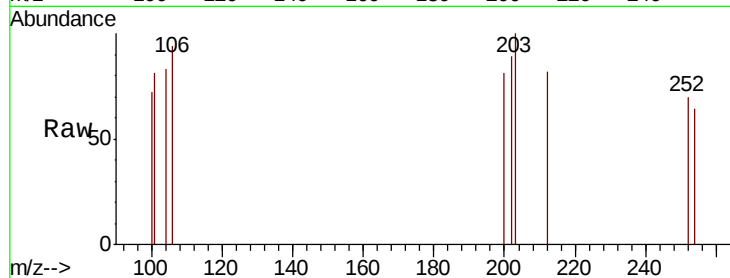
Tgt Ion:202 Resp: 3

Ion Ratio Lower Upper

202 100

101 90.5 0.0 30.0#

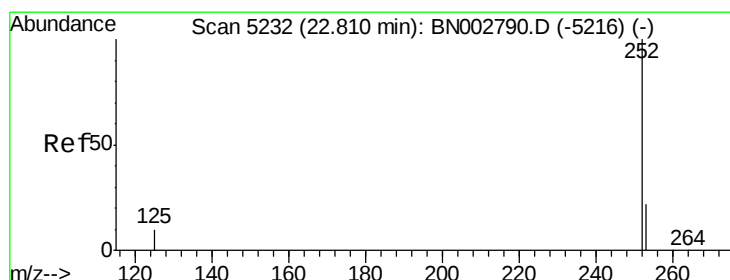
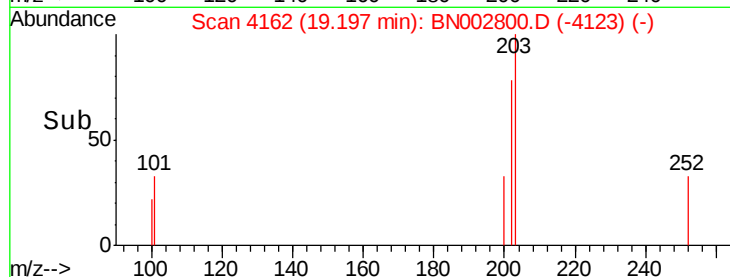
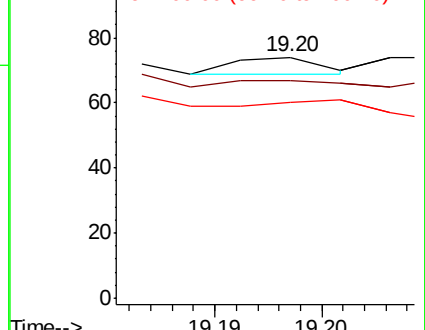
100 81.1 0.0 30.0#



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



#21

Benzo(b)fluoranthene

Concen: 0.016 ng/ul

RT: 22.80 min Scan# 5227

Delta R.T. -0.01 min

Lab File: BN002800.D

Acq: 20 Sep 2018 23:13

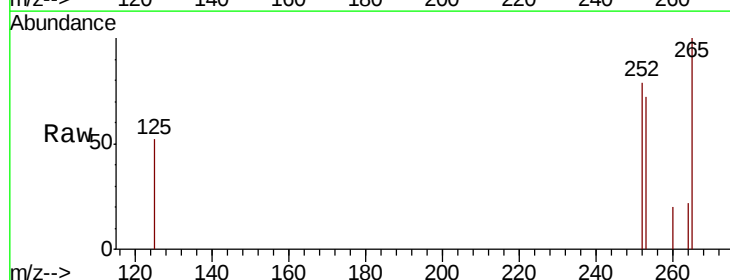
Tgt Ion:252 Resp: 366

Ion Ratio Lower Upper

252 100

253 90.4 0.0 64.2#

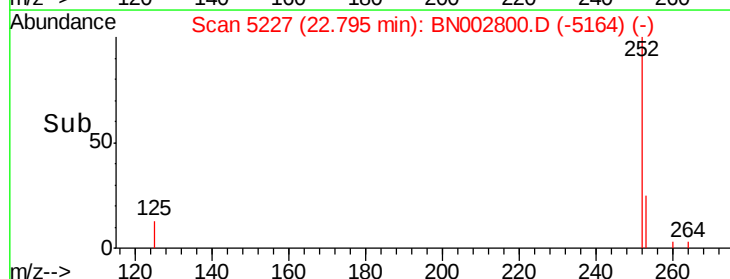
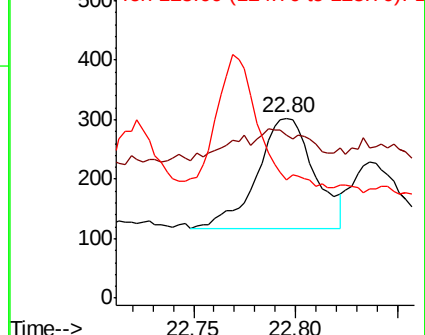
125 65.7 0.0 35.0#

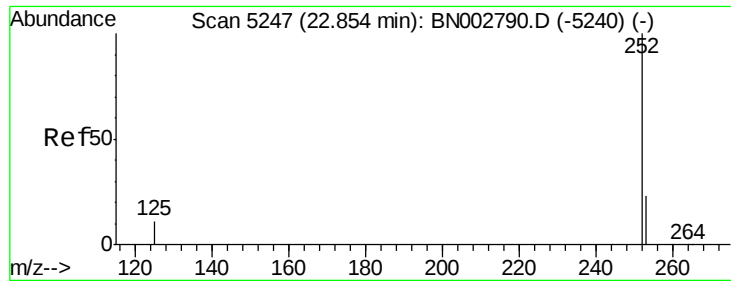


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.007 ng/u1

RT: 22.84 min Scan# 5241

Delta R.T. -0.02 min

Lab File: BN002800.D

Acq: 20 Sep 2018 23:13

Instrument :

BNA_N

ClientSampleId :

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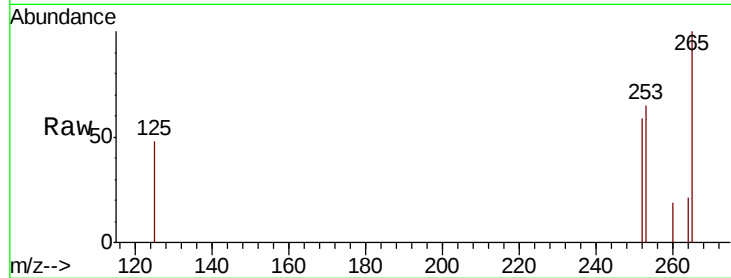
Tgt Ion:252 Resp: 176

Ion Ratio Lower Upper

252 100

253 111.0 24.5 36.7#

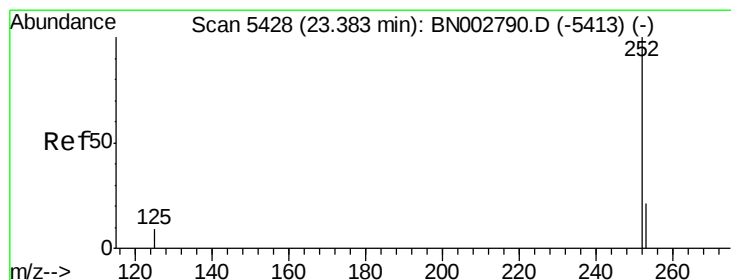
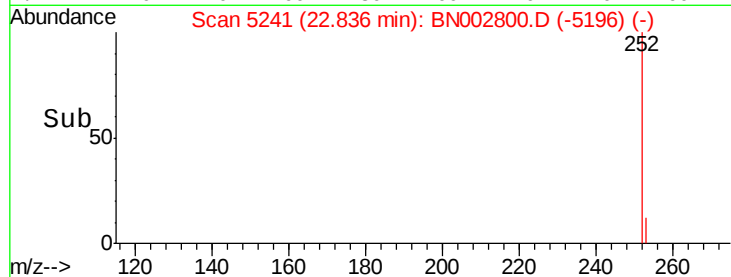
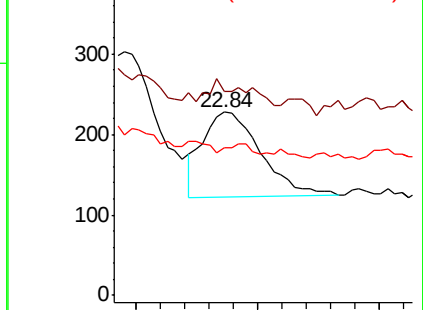
125 80.7 13.7 20.5#



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: 0.096 ng/u1

RT: 23.30 min Scan# 5401

Delta R.T. -0.08 min

Lab File: BN002800.D

Acq: 20 Sep 2018 23:13

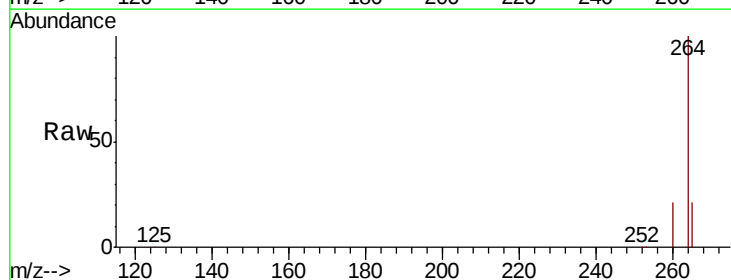
Tgt Ion:252 Resp: 2095

Ion Ratio Lower Upper

252 100

253 44.0 16.0 24.0#

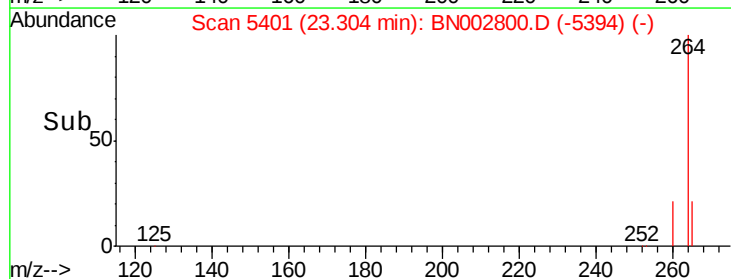
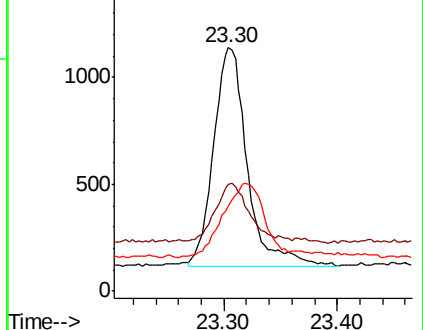
125 34.8 12.0 18.0#

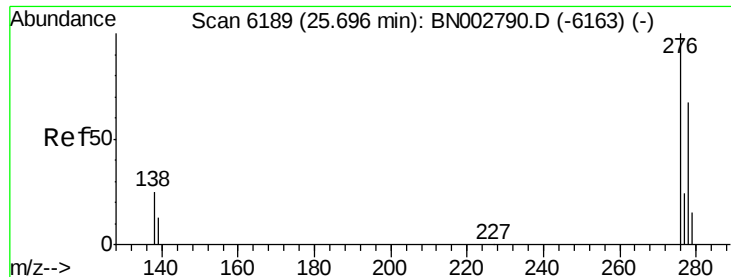


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



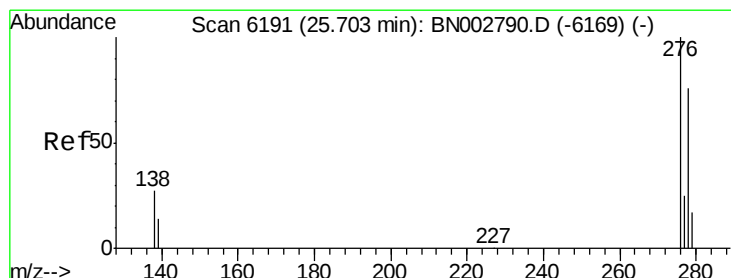
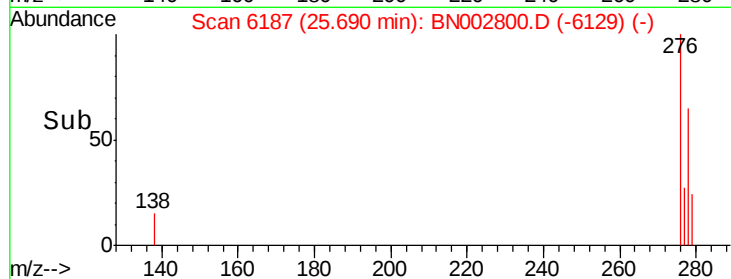
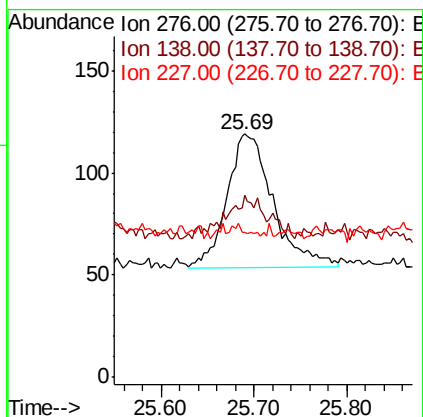
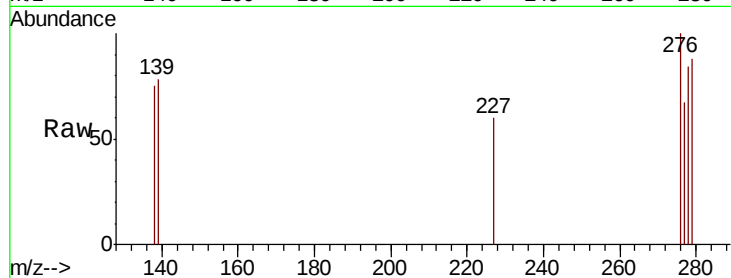


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.009 ng/u1
RT: 25.69 min Scan# 6187
Delta R.T. -0.01 min
Lab File: BN002800.D
Acq: 20 Sep 2018 23:13

Instrument :
BNA_N
ClientSampled :
A3ZE7

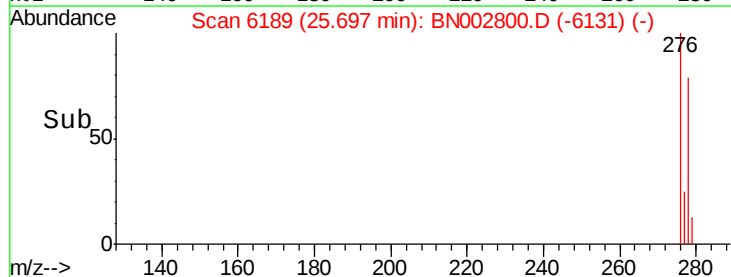
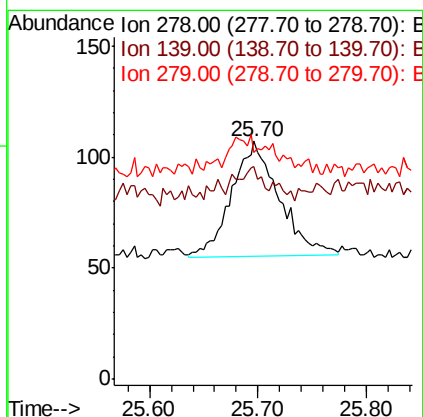
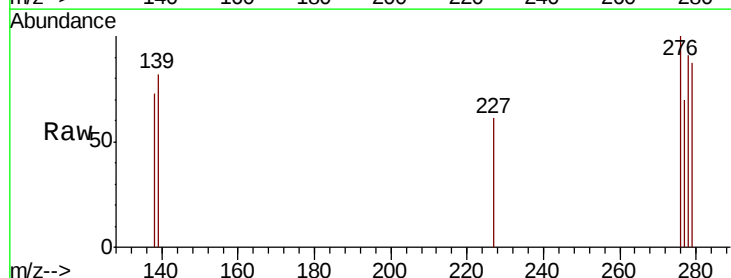
Tgt Ion:276 Resp: 228
Ion Ratio Lower Upper
276 100
138 26.3 28.0 42.0#
227 2.2 0.8 1.2#

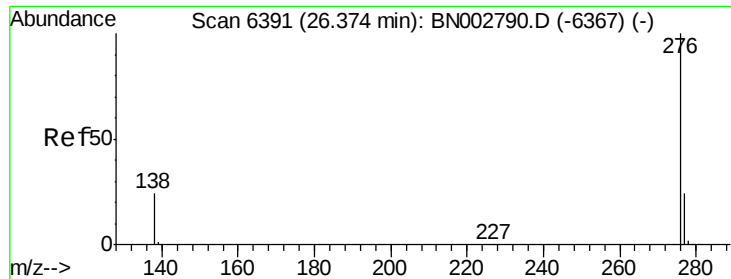


#25

Dibenzo(a,h)anthracene
Concen: 0.007 ng/u1
RT: 25.70 min Scan# 6189
Delta R.T. -0.01 min
Lab File: BN002800.D
Acq: 20 Sep 2018 23:13

Tgt Ion:278 Resp: 156
Ion Ratio Lower Upper
278 100
139 89.7 17.4 26.0#
279 95.3 25.9 38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.009 ng/ul

RT: 26.37 min Scan# 6391

Delta R.T. 0.00 min

Lab File: BN002800.D

Acq: 20 Sep 2018 23:13

Instrument :

BNA_N

ClientSampleId :

A3ZE7

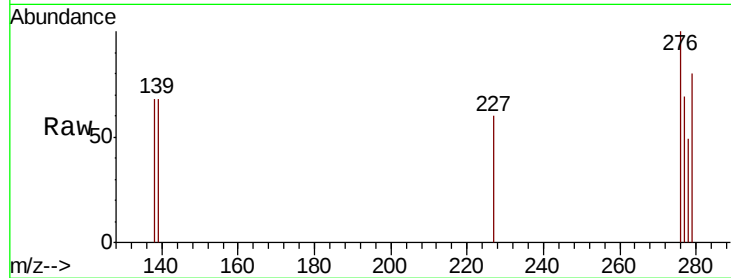
Tgt Ion: 276 Resp: 202

Ion Ratio Lower Upper

276 100

138 67.5 21.8 32.8#

277 69.3 20.5 30.7#



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

