

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002794.D
 Acq On : 20 Sep 2018 19:42
 Operator : JU/SJ
 Sample : J4874-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3ZB3

Quant Time: Sep 21 04:01:21 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	1669	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.42	136	6243	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	3201	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	603025	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.25
20) Perylene-d12	23.46	264	6644	0.40	ng/ul	-0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	3798	0.42	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

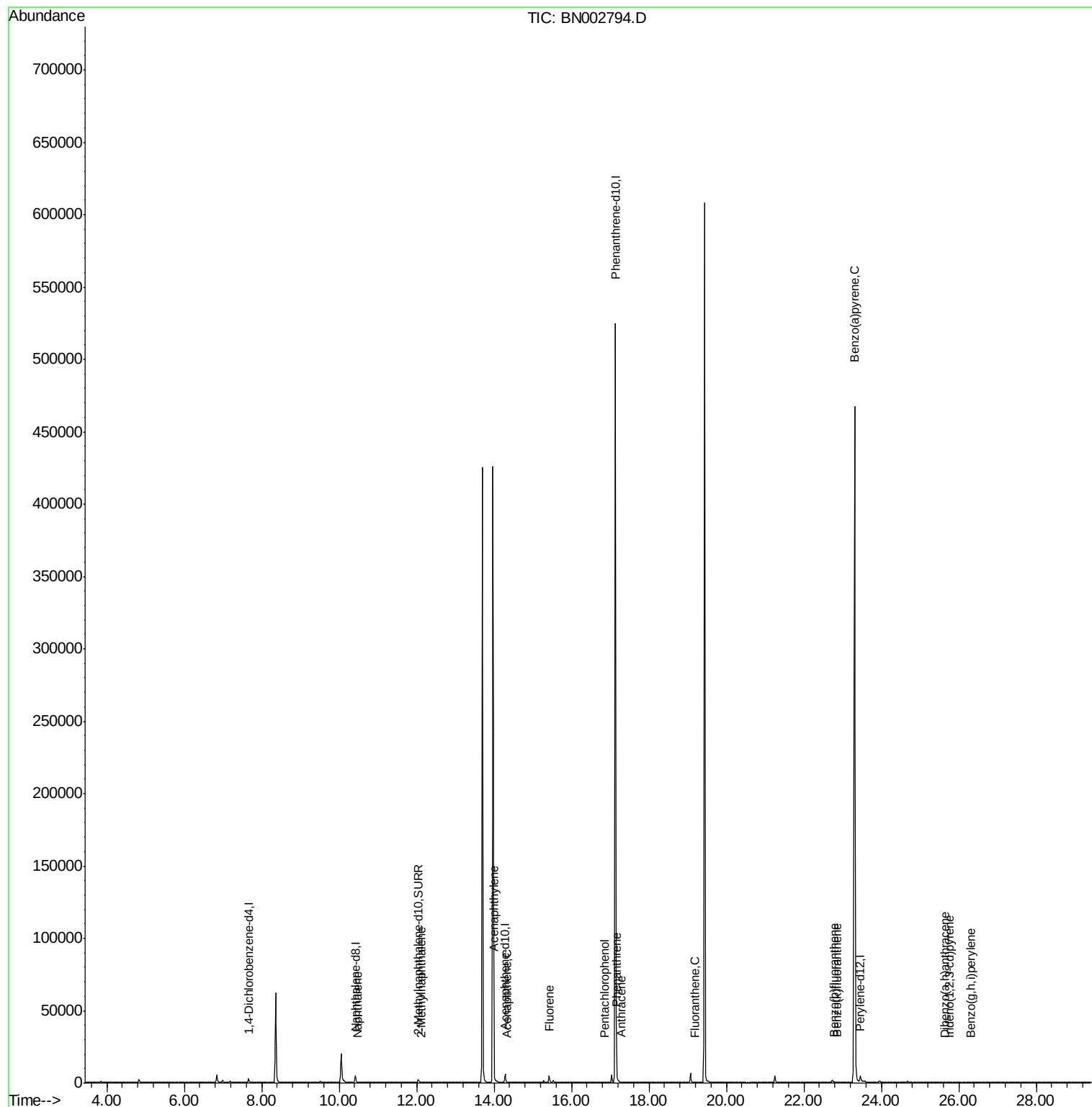
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.47	128	49	0.003	ng/ul#	1
5) 2-Methylnaphthalene	12.11	142	15	0.001	ng/ul	90
7) Acenaphthylene	14.00	152	28	0.002	ng/ul#	1
8) Acenaphthene	14.35	153	14	0.001	ng/ul#	77
9) Fluorene	15.43	166	53	0.005	ng/ul#	1
11) Pentachlorophenol	16.85	266	2	0.000	ng/ul	85
12) Phenanthrene	17.17	178	148	0.000	ng/ul#	25
13) Anthracene	17.28	178	6	0.000	ng/ul#	1
15) Fluoranthene	19.19	202	5	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	136	0.006	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	101	0.004	ng/ul#	1
23) Benzo(a)pyrene	23.31	252	2246	0.107	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	25.75	276	94	0.004	ng/ul#	50
25) Dibenzo(a,h)anthracene	25.65	278	2	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.31	276	5	0.000	ng/ul#	1

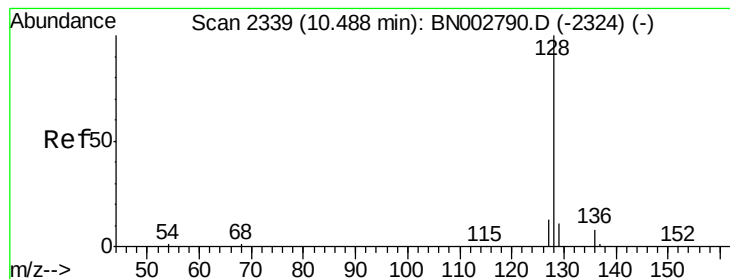
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.003 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.02 min

Lab File: BN002794.D

Acq: 20 Sep 2018 19:42

Instrument :

BNA_N

ClientSampleId :

A3ZB3

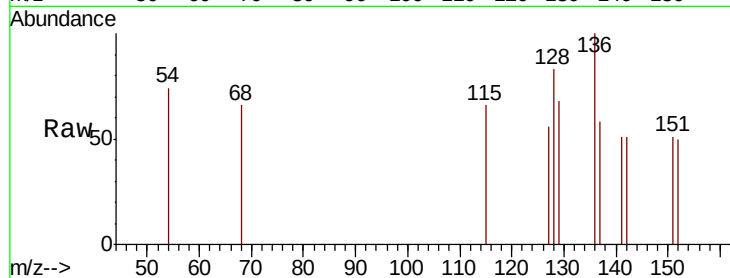
Tgt Ion:128 Resp: 49

Ion Ratio Lower Upper

128 100

129 81.3 8.0 12.0#

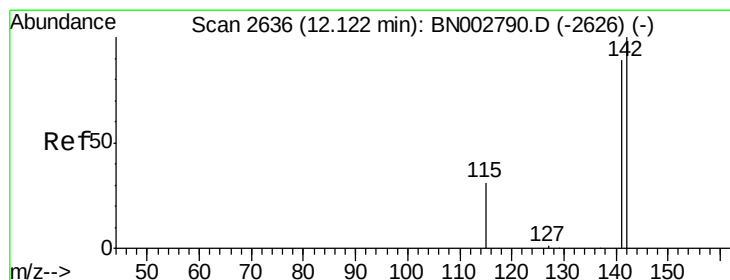
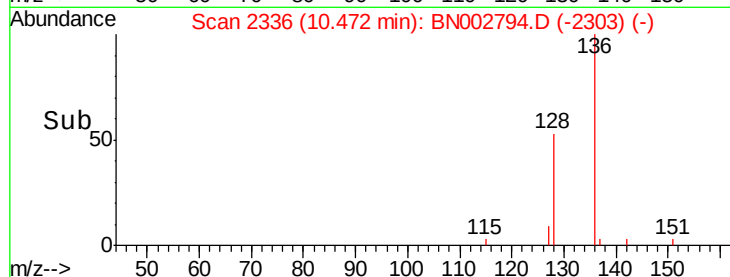
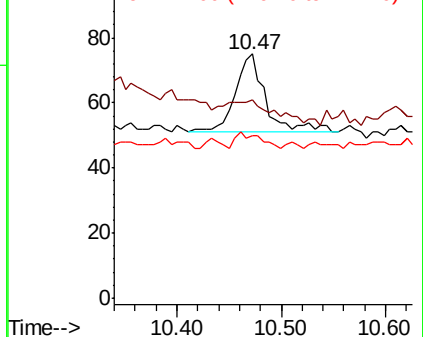
127 66.7 12.0 18.0#



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: 0.001 ng/ul

RT: 12.11 min Scan# 2634

Delta R.T. -0.01 min

Lab File: BN002794.D

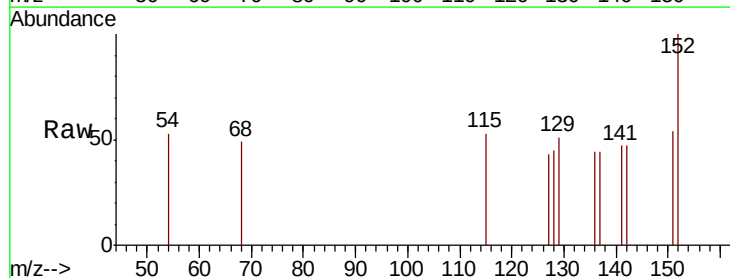
Acq: 20 Sep 2018 19:42

Tgt Ion:142 Resp: 15

Ion Ratio Lower Upper

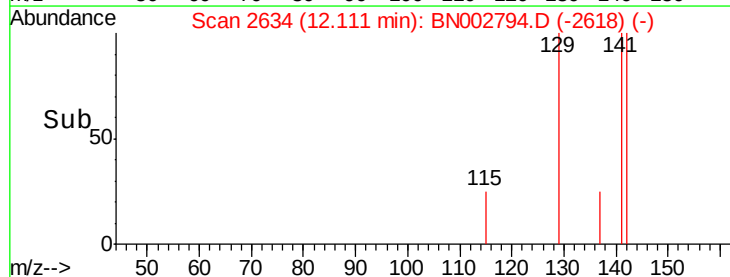
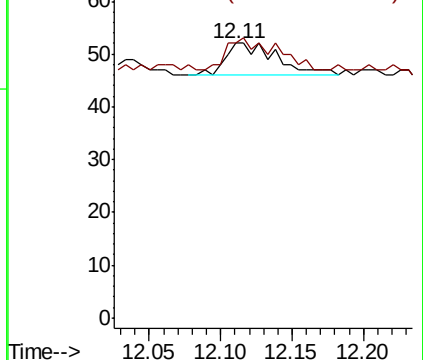
142 100

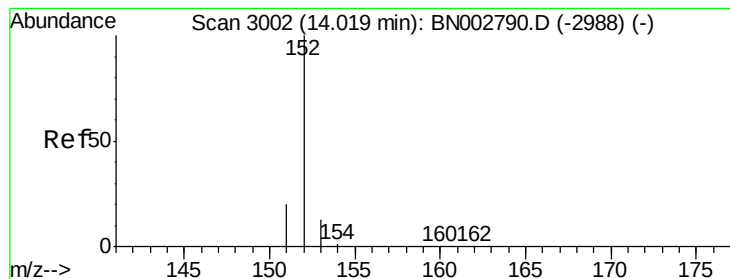
141 100.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.002 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BN002794.D

Acq: 20 Sep 2018 19:42

Instrument :

BNA_N

ClientSampleId :

A3ZB3

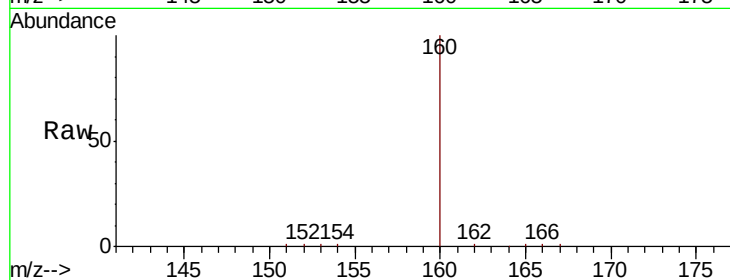
Tgt Ion:152 Resp: 28

Ion Ratio Lower Upper

152 100

151 79.4 17.1 25.7#

153 85.7 12.8 19.2#



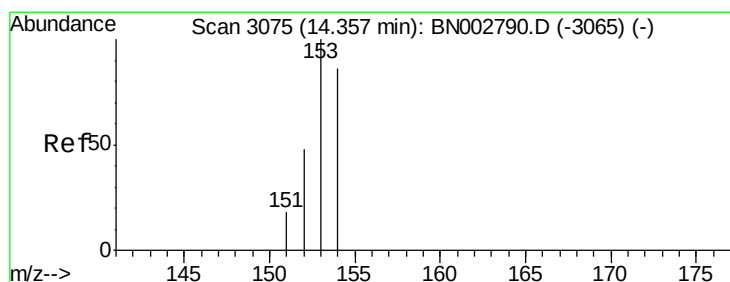
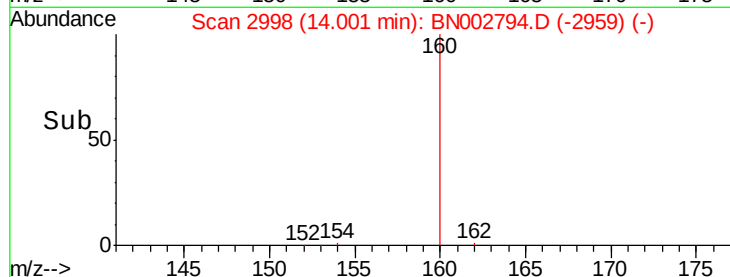
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.00

Time--> 13.95 14.00 14.05 14.10



#8

Acenaphthene

Concen: 0.001 ng/ul

RT: 14.35 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BN002794.D

Acq: 20 Sep 2018 19:42

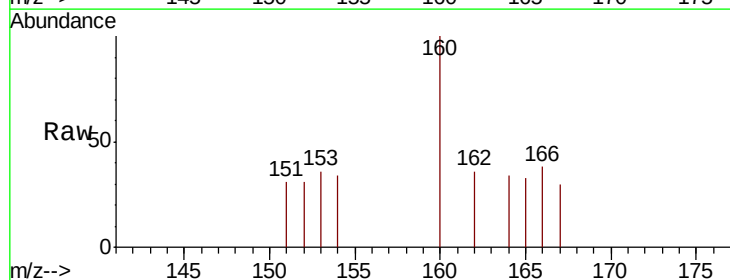
Tgt Ion:153 Resp: 14

Ion Ratio Lower Upper

153 100

152 86.2 36.0 54.0#

154 93.1 72.0 108.0



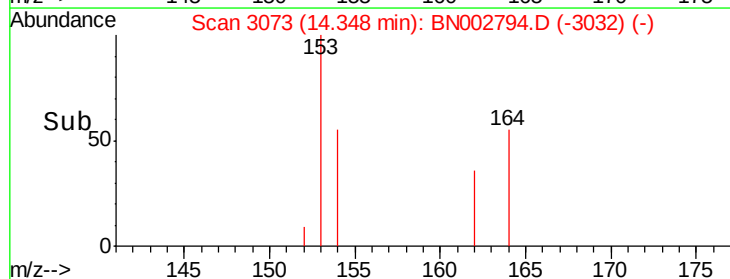
Abundance Ion 153.00 (152.70 to 153.70): E

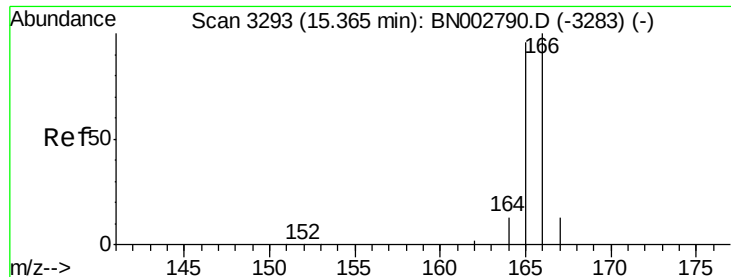
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.35

Time--> 14.30 14.35 14.40





#9

Fluorene

Concen: 0.005 ng/ul

RT: 15.43 min Scan# 3306

Delta R.T. 0.06 min

Lab File: BN002794.D

Acq: 20 Sep 2018 19:42

Instrument :

BNA_N

ClientSampleId :

A3ZB3

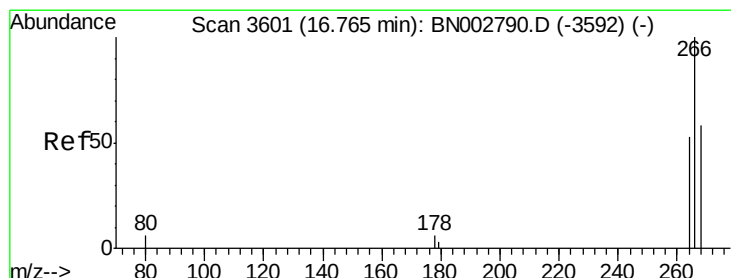
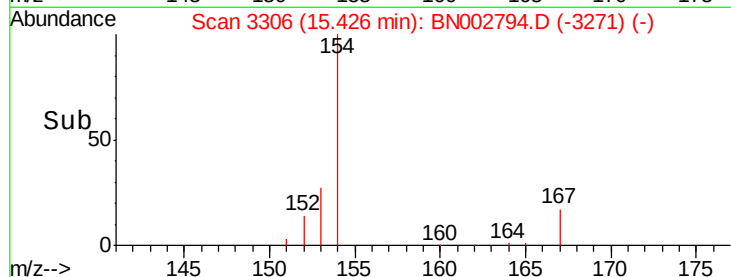
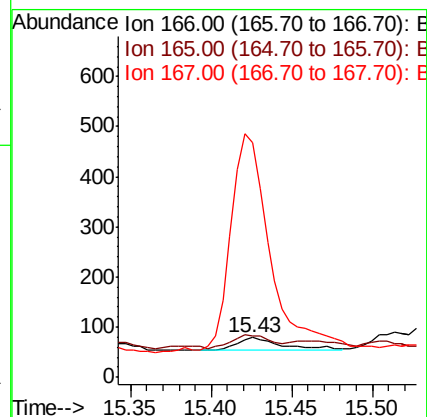
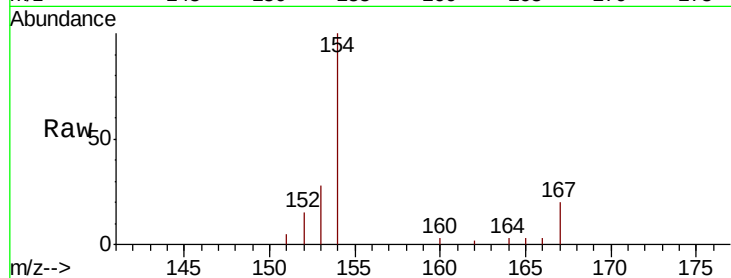
Tgt Ion:166 Resp: 53

Ion Ratio Lower Upper

166 100

165 102.5 73.4 110.2

167 593.7 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.85 min Scan# 3621

Delta R.T. 0.08 min

Lab File: BN002794.D

Acq: 20 Sep 2018 19:42

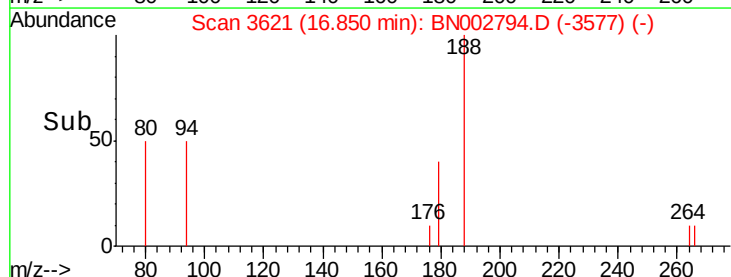
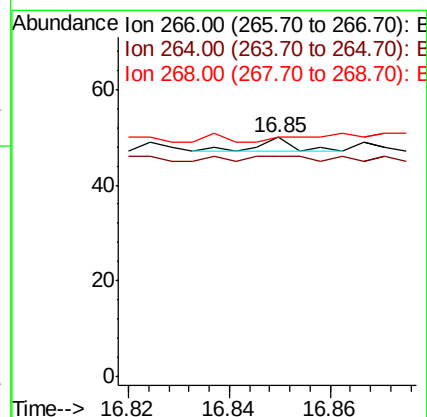
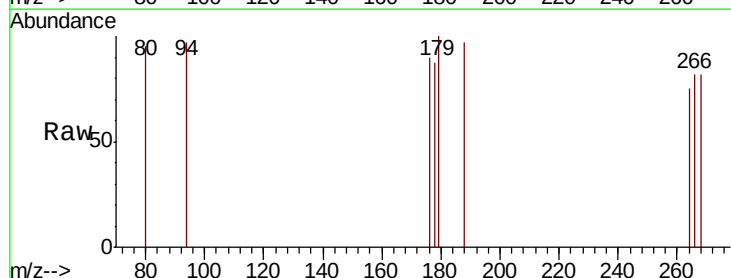
Tgt Ion:266 Resp: 2

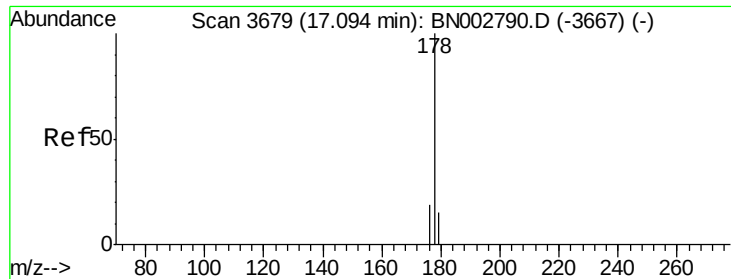
Ion Ratio Lower Upper

266 100

264 50.0 47.9 71.9

268 50.0 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: BN002794.D

Acq: 20 Sep 2018 19:42

Instrument :

BNA_N

ClientSampleId :

A3ZB3

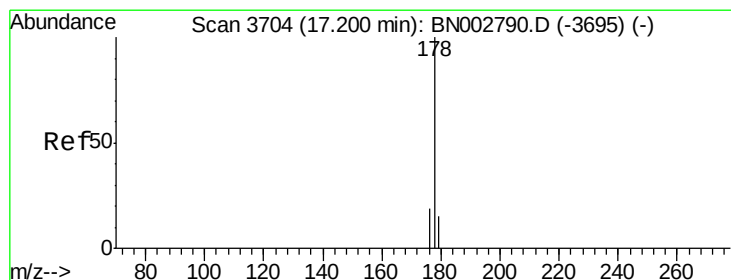
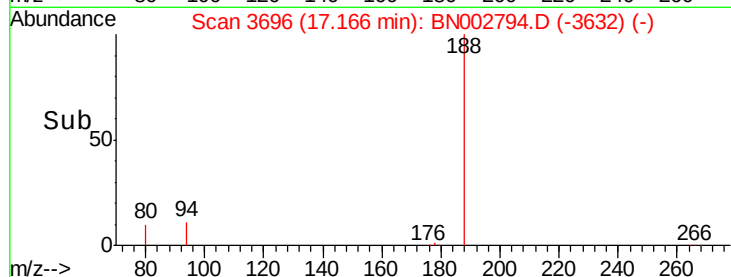
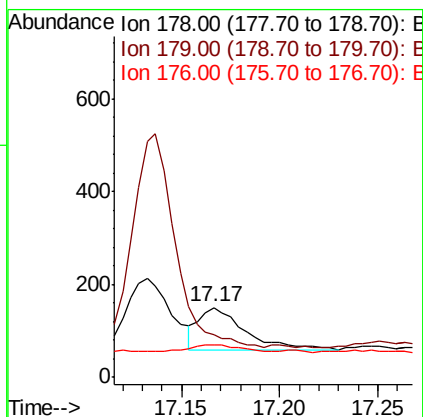
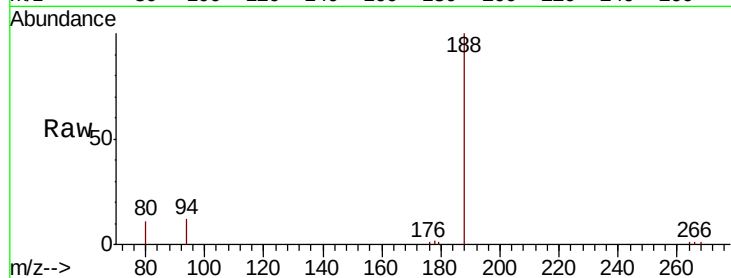
Tgt Ion:178 Resp: 148

Ion Ratio Lower Upper

178 100

179 61.3 18.4 27.6#

176 47.3 13.6 20.4#



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.28 min Scan# 3723

Delta R.T. 0.08 min

Lab File: BN002794.D

Acq: 20 Sep 2018 19:42

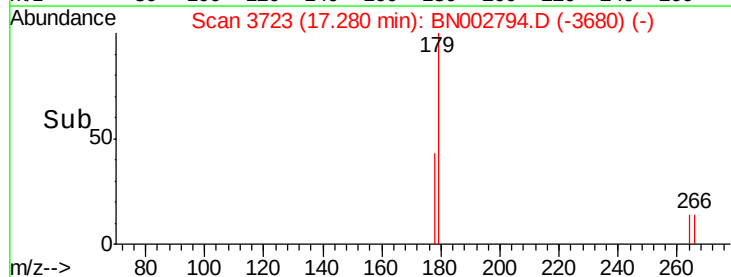
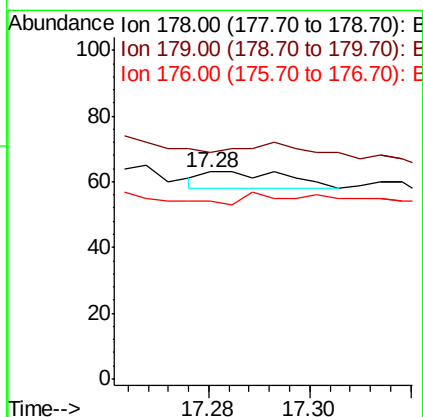
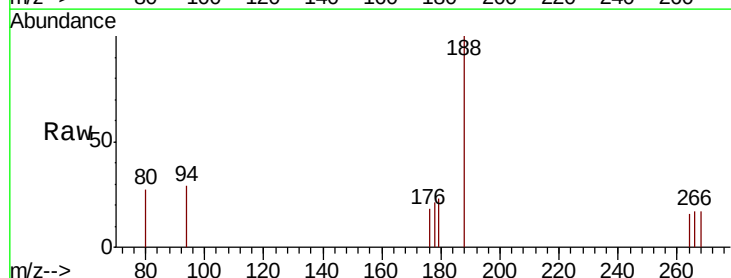
Tgt Ion:178 Resp: 6

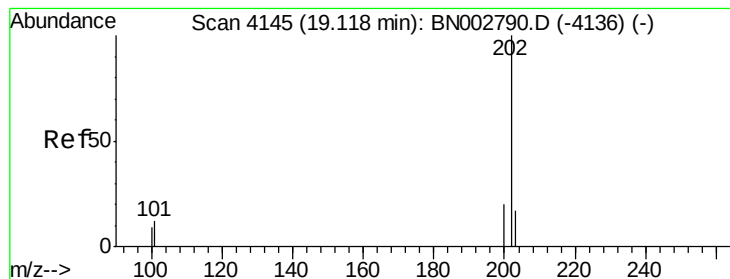
Ion Ratio Lower Upper

178 100

179 109.5 18.1 27.1#

176 85.7 14.7 22.1#





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.19 min Scan# 4160

Delta R.T. 0.07 min

Lab File: BN002794.D

Acq: 20 Sep 2018 19:42

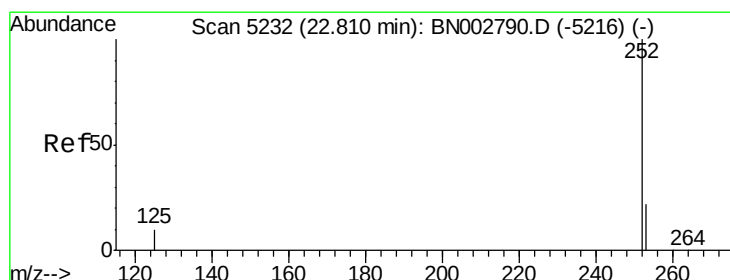
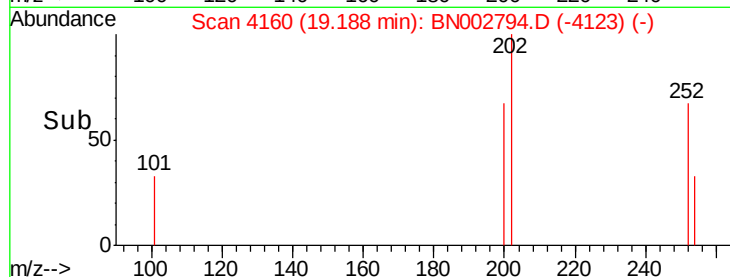
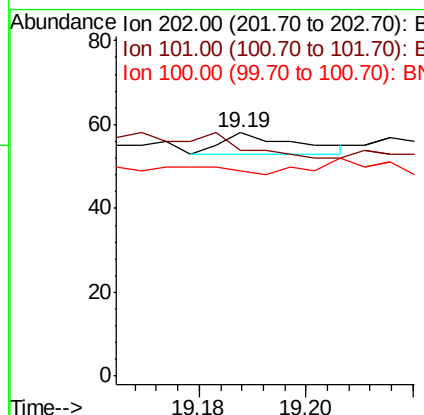
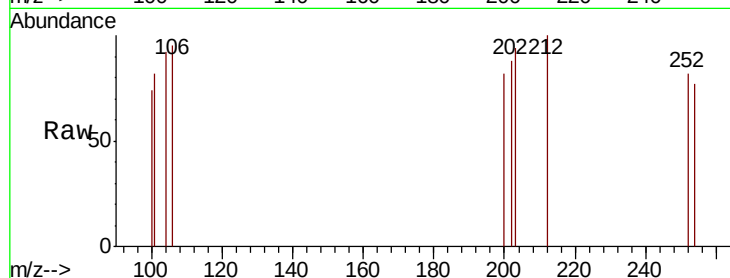
Instrument :

BNA_N

ClientSampleId :

A3ZB3

Tgt Ion:	202	Resp:	5
Ion	Ratio	Lower	Upper
202	100		
101	93.1	0.0	30.0#
100	84.5	0.0	30.0#



#21

Benzo(b)fluoranthene

Concen: 0.006 ng/ul

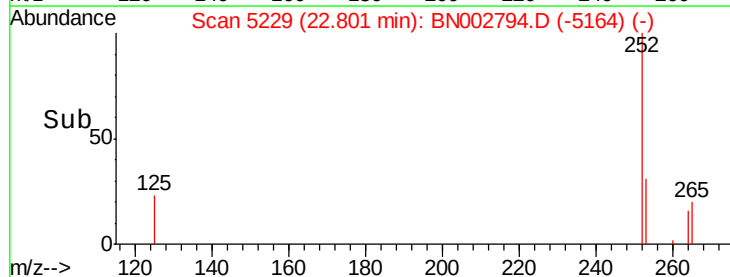
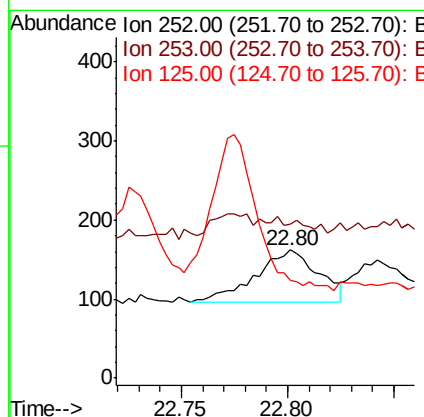
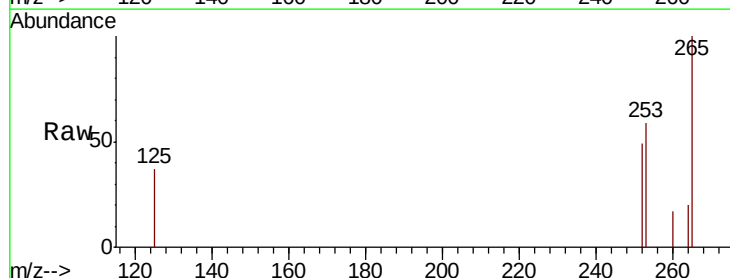
RT: 22.80 min Scan# 5229

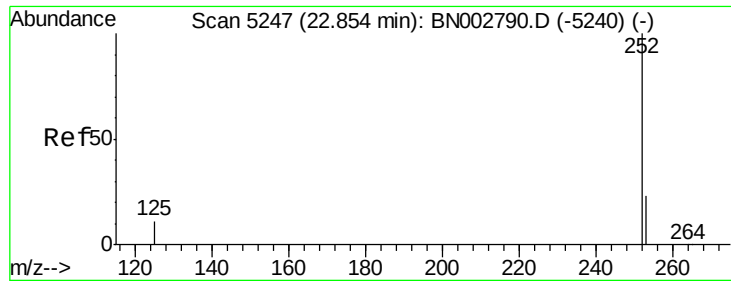
Delta R.T. -0.01 min

Lab File: BN002794.D

Acq: 20 Sep 2018 19:42

Tgt Ion:	252	Resp:	136
Ion	Ratio	Lower	Upper
252	100		
253	120.4	0.0	64.2#
125	75.9	0.0	35.0#





#22

Benzo(k)fluoranthene

Concen: 0.004 ng/ul

RT: 22.84 min Scan# 5243

Delta R.T. -0.01 min

Lab File: BN002794.D

Acq: 20 Sep 2018 19:42

Instrument :

BNA_N

ClientSampleId :

A3ZB3

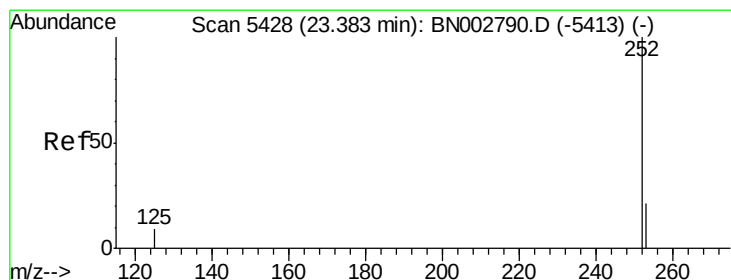
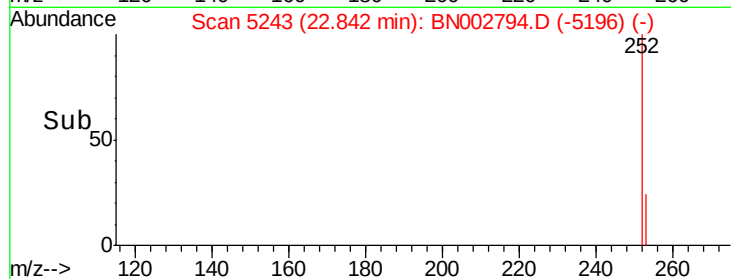
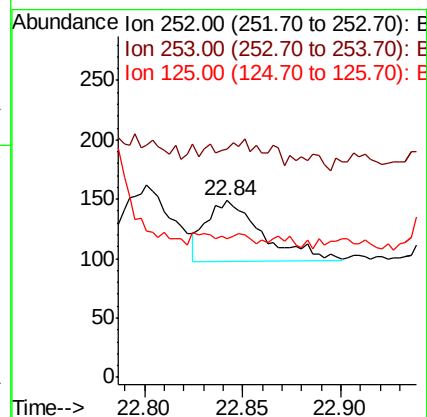
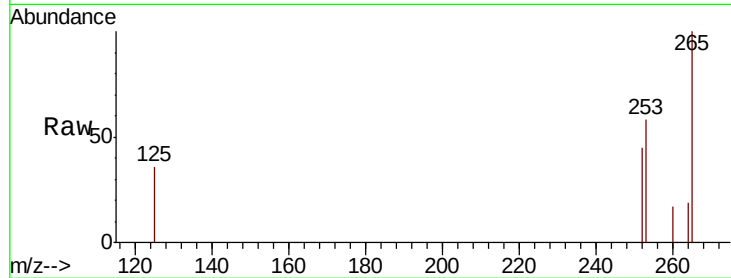
Tgt Ion:252 Resp: 101

Ion Ratio Lower Upper

252 100

253 128.9 24.5 36.7#

125 78.5 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.107 ng/ul

RT: 23.31 min Scan# 5402

Delta R.T. -0.08 min

Lab File: BN002794.D

Acq: 20 Sep 2018 19:42

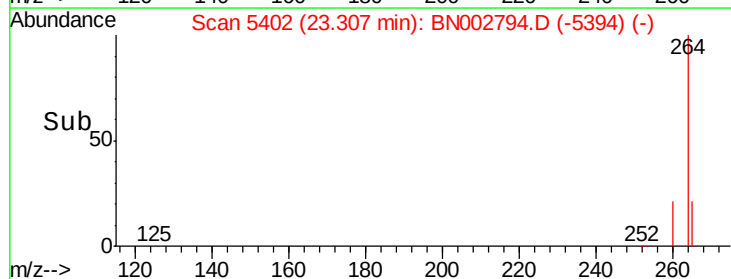
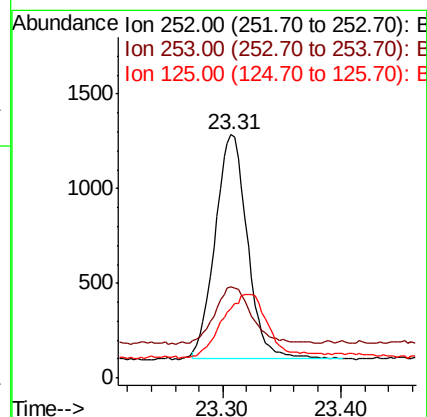
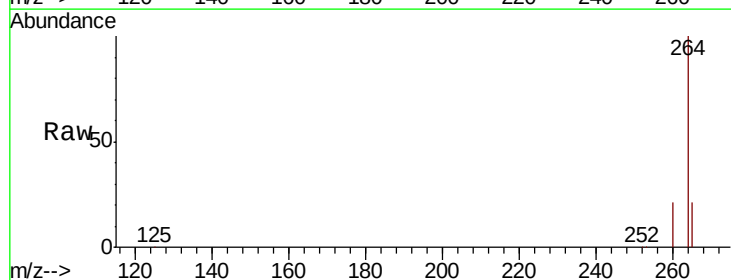
Tgt Ion:252 Resp: 2246

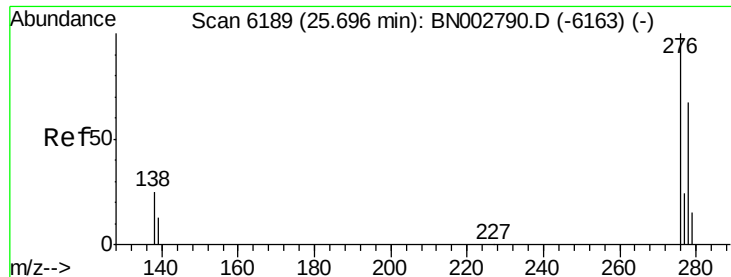
Ion Ratio Lower Upper

252 100

253 37.7 16.0 24.0#

125 28.5 12.0 18.0#



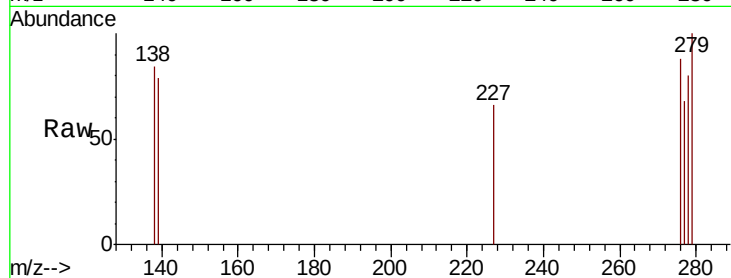


#24

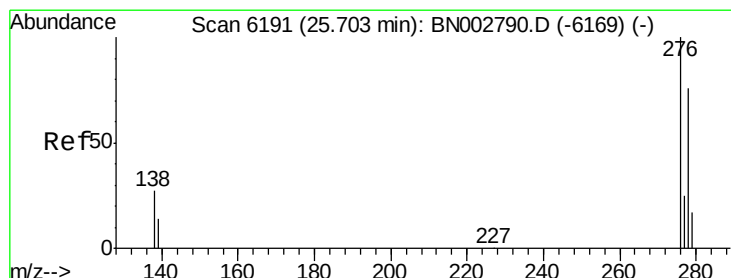
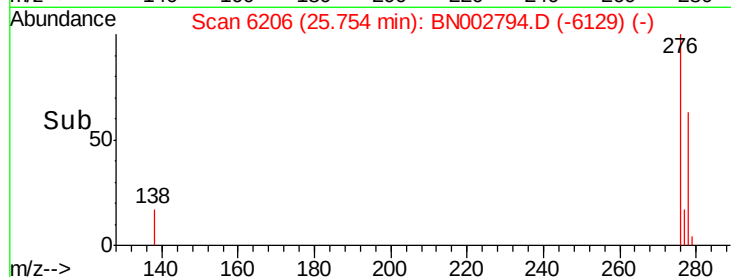
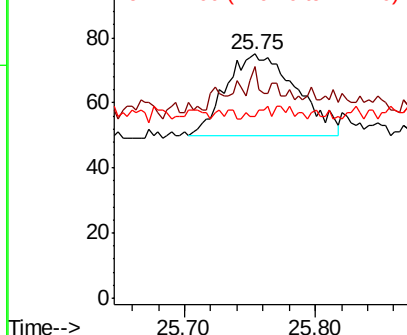
Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng/ul
RT: 25.75 min Scan# 6206
Delta R.T. 0.06 min
Lab File: BN002794.D
Acq: 20 Sep 2018 19:42

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 276 Resp: 94
Ion Ratio Lower Upper
276 100
138 5.3 28.0 42.0#
227 0.0 0.8 1.2#



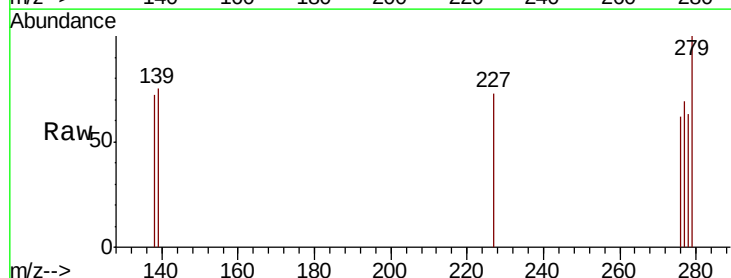
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



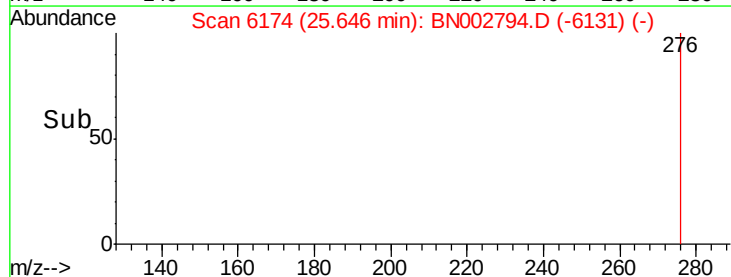
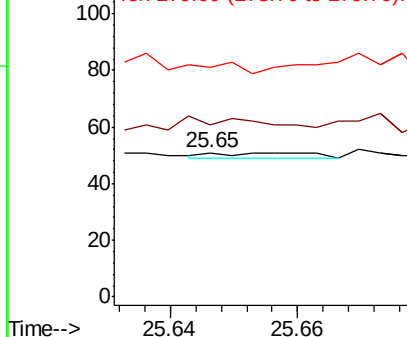
#25

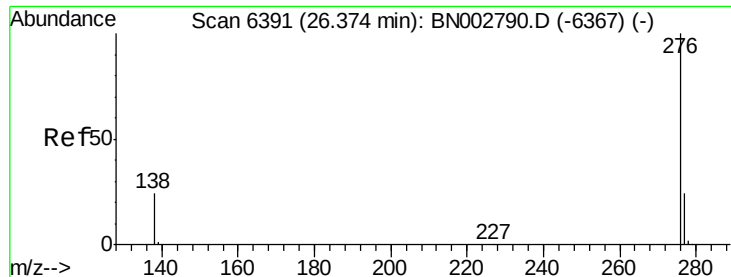
Dibenzo(a,h)anthracene
Concen: 0.000 ng/ul
RT: 25.65 min Scan# 6174
Delta R.T. -0.06 min
Lab File: BN002794.D
Acq: 20 Sep 2018 19:42

Tgt Ion: 278 Resp: 2
Ion Ratio Lower Upper
278 100
139 119.6 17.4 26.0#
279 158.8 25.9 38.9#



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(g,h,i)perylene

Concen: 0.000 ng/ul

RT: 26.31 min Scan# 6371

Delta R.T. -0.07 min

Lab File: BN002794.D

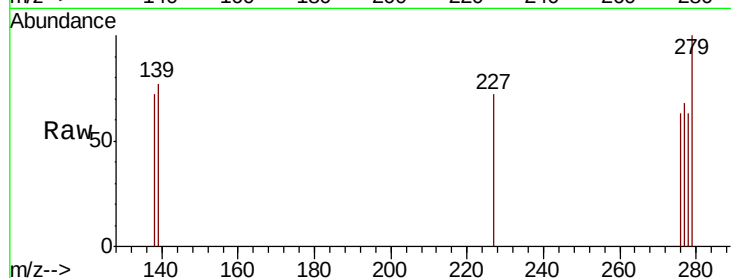
Acq: 20 Sep 2018 19:42

Instrument :

BNA_N

ClientSampleId :

A3ZB3



Tgt Ion: 276 Resp: 5

Ion Ratio Lower Upper

276 100

138 113.7 21.8 32.8#

277 107.8 20.5 30.7#

