

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002798.D
 Acq On : 20 Sep 2018 22:03
 Operator : JU/SJ
 Sample : J4900-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3ZD7

Quant Time: Sep 21 04:01:49 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	1512	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.42	136	5854	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	3160	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	654038	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	6091	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.04	152	3993	0.47	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

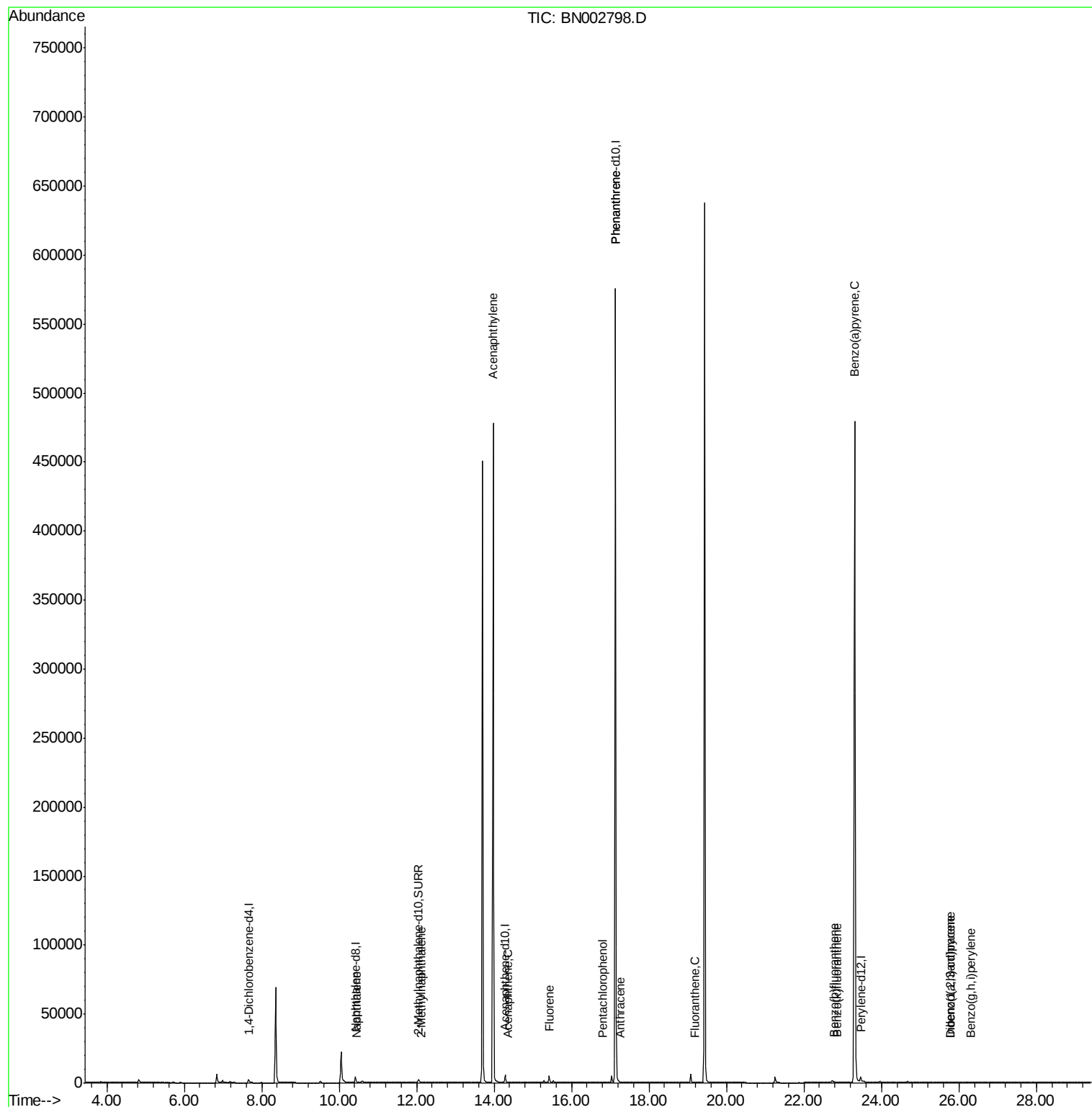
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.47	128	100	0.007	ng/ul#	1
5) 2-Methylnaphthalene	12.12	142	21	0.002	ng/ul	90
7) Acenaphthylene	13.97	152	54	0.004	ng/ul#	1
8) Acenaphthene	14.35	153	11	0.001	ng/ul#	66
9) Fluorene	15.42	166	58	0.005	ng/ul#	1
11) Pentachlorophenol	16.81	266	1	0.000	ng/ul#	36
12) Phenanthrene	17.13	178	308	0.000	ng/ul#	1
13) Anthracene	17.28	178	3	0.000	ng/ul#	1
15) Fluoranthene	19.21	202	2	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.80	252	147	0.007	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	80	0.004	ng/ul#	1
23) Benzo(a)pyrene	23.31	252	2279	0.118	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	25.77	276	86	0.004	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.77	278	87	0.005	ng/ul#	1
26) Benzo(g,h,i)perylene	26.31	276	3	0.000	ng/ul#	1

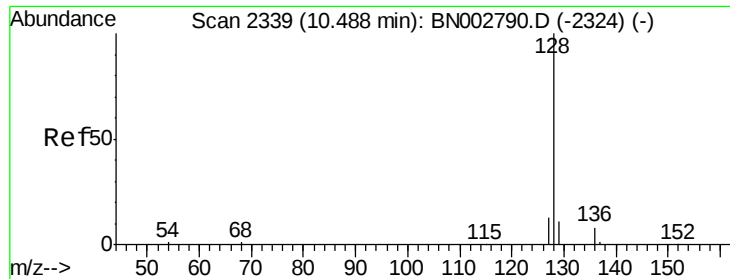
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN002798.D

Acq: 20 Sep 2018 22:03

Instrument :

BNA_N

ClientSampleId :

A3ZD7

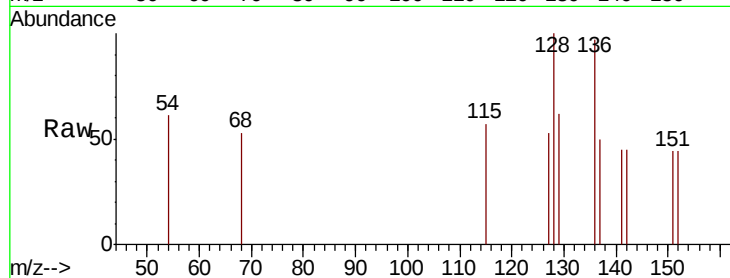
Tgt Ion:128 Resp: 100

Ion Ratio Lower Upper

128 100

129 61.5 8.0 12.0#

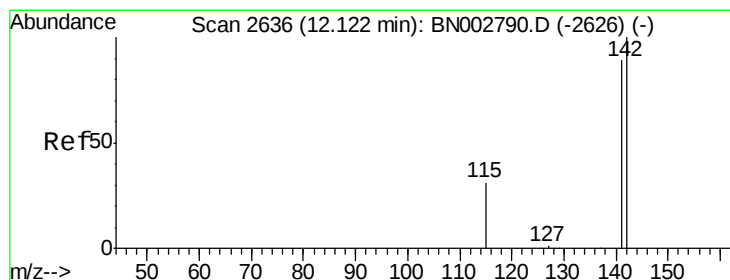
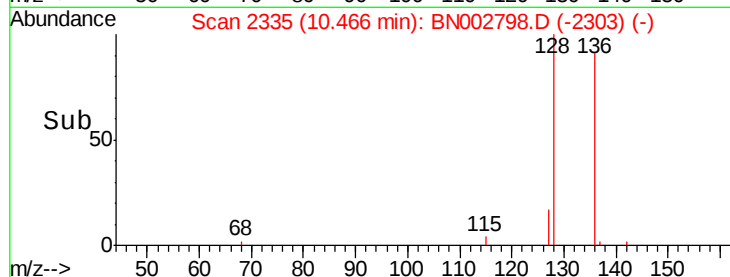
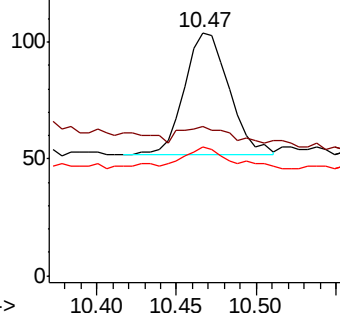
127 52.9 12.0 18.0#



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: 0.002 ng/ul

RT: 12.12 min Scan# 2636

Delta R.T. 0.00 min

Lab File: BN002798.D

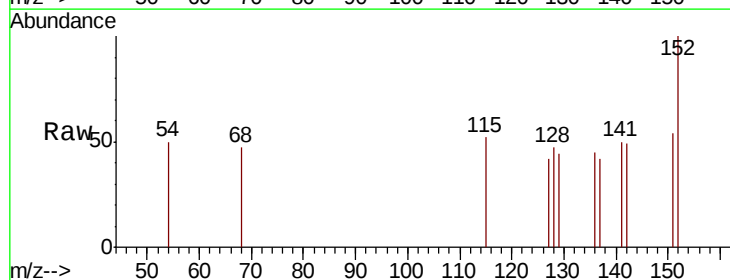
Acq: 20 Sep 2018 22:03

Tgt Ion:142 Resp: 21

Ion Ratio Lower Upper

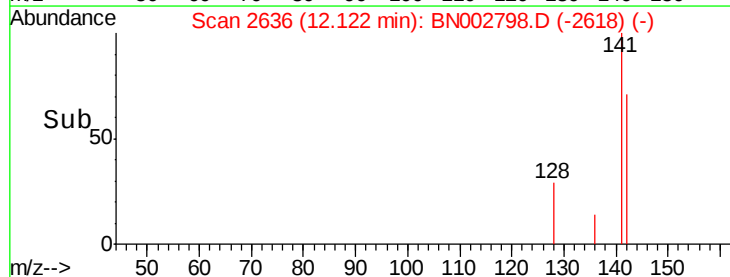
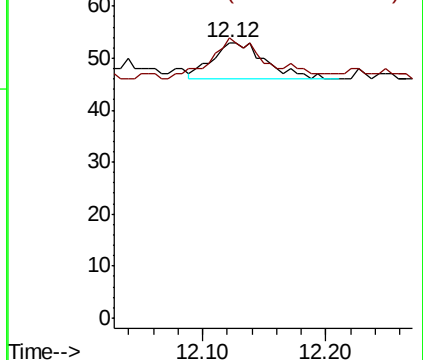
142 100

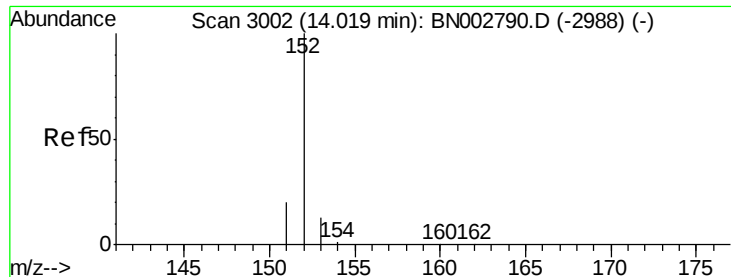
141 100.0 72.6 108.8



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: BN002798.D

Acq: 20 Sep 2018 22:03

Instrument :

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ClientSampleId :

A3ZD7

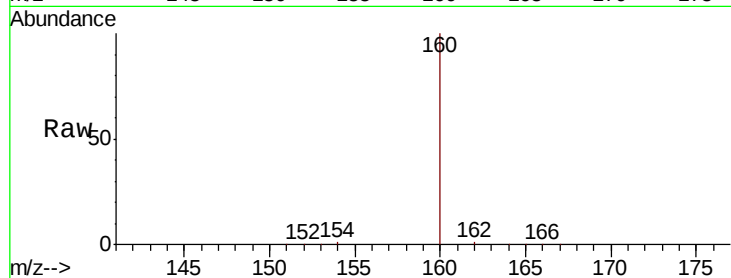
Tgt Ion:152 Resp: 54

Ion Ratio Lower Upper

152 100

151 72.5 17.1 25.7#

153 175.4 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

13.97

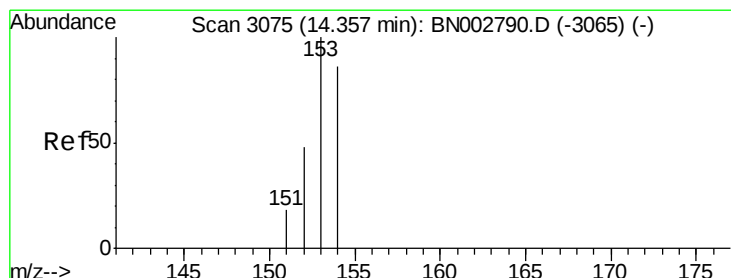
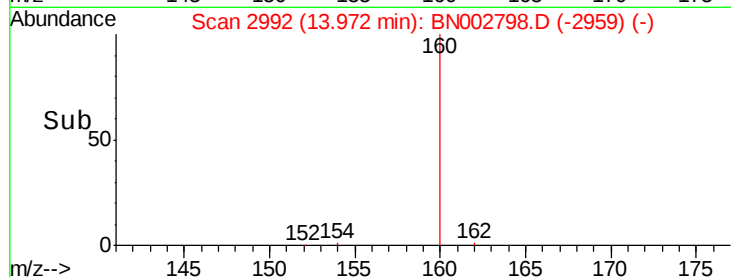
100

50

0

Time-->

13.90 14.00 14.10



#8

Acenaphthene

Concen: 0.001 ng/ul

RT: 14.35 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BN002798.D

Acq: 20 Sep 2018 22:03

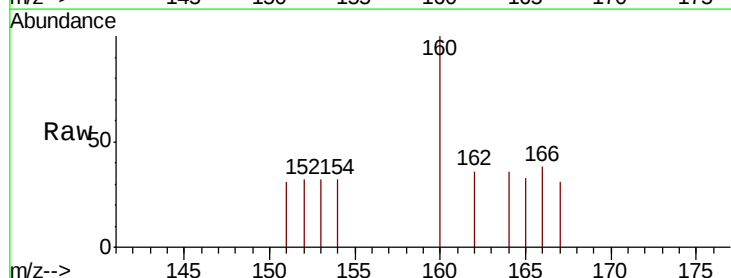
Tgt Ion:153 Resp: 11

Ion Ratio Lower Upper

153 100

152 98.0 36.0 54.0#

154 100.0 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

14.35

60

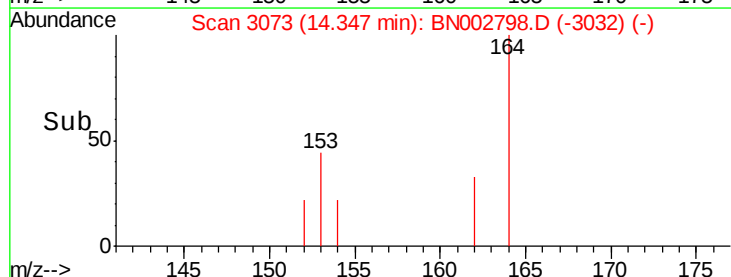
40

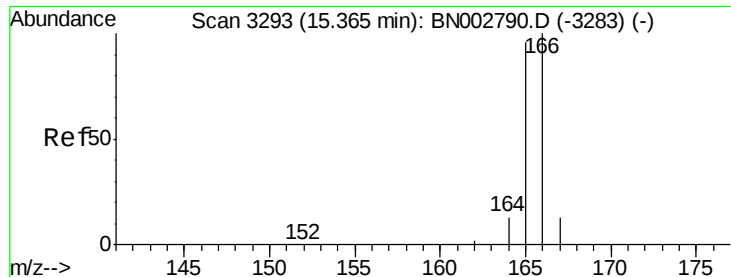
20

0

Time-->

14.30 14.35 14.40





#9

Fluorene

Concen: 0.005 ng/ul

RT: 15.42 min Scan# 3306

Delta R.T. 0.06 min

Lab File: BN002798.D

Acq: 20 Sep 2018 22:03

Instrument :

BNA_N

ClientSampleId :

A3ZD7

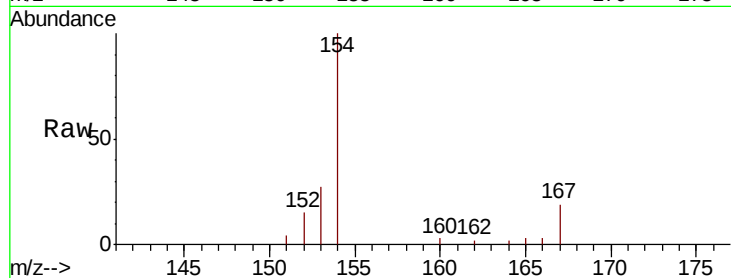
Tgt Ion:166 Resp: 58

Ion Ratio Lower Upper

166 100

165 101.2 73.4 110.2

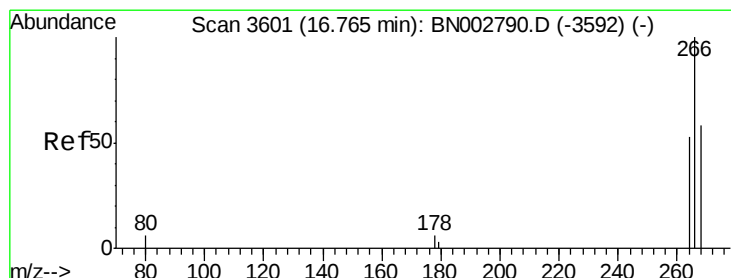
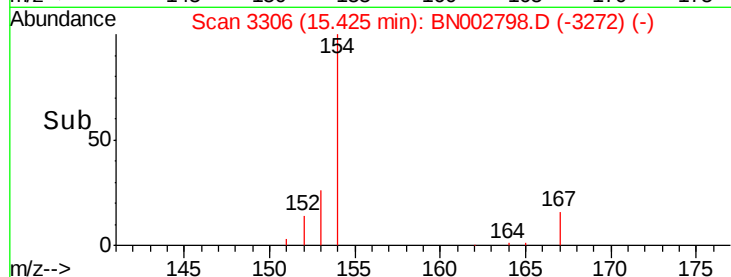
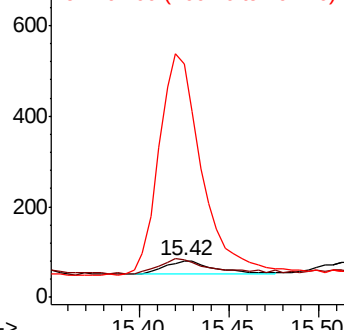
167 634.6 14.6 22.0#



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



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.81 min Scan# 3612

Delta R.T. 0.05 min

Lab File: BN002798.D

Acq: 20 Sep 2018 22:03

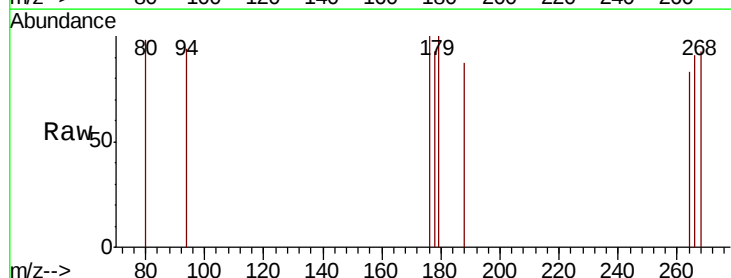
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

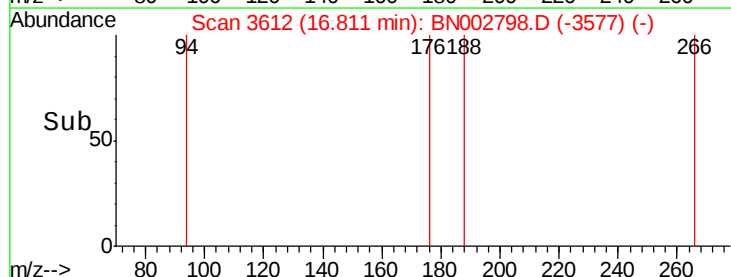
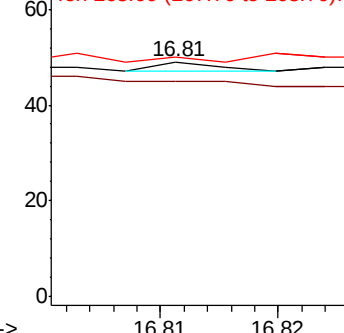
268 100.0 49.8 74.8#

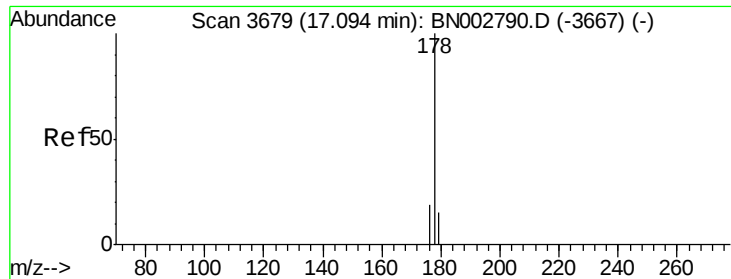


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.000 ng/ul

RT: 17.13 min Scan# 3688

Delta R.T. 0.04 min

Lab File: BN002798.D

Acq: 20 Sep 2018 22:03

Instrument :

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ClientSampleId :

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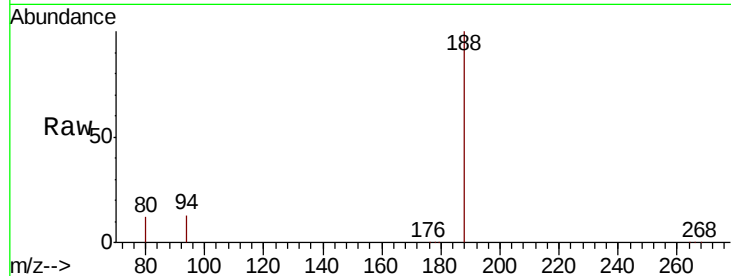
Tgt Ion:178 Resp: 308

Ion Ratio Lower Upper

178 100

179 246.0 18.4 27.6#

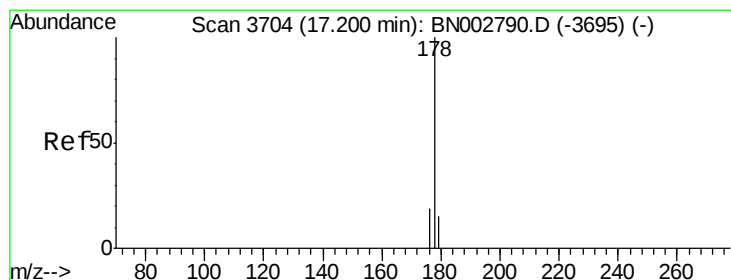
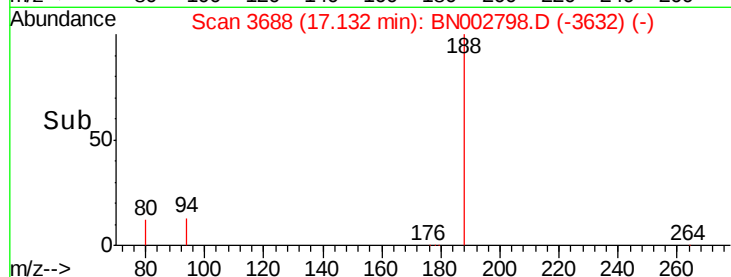
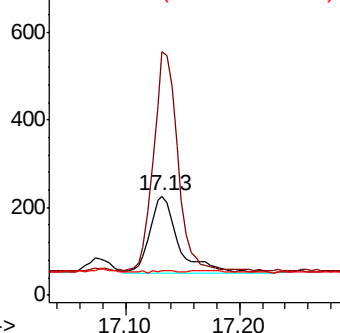
176 25.2 13.6 20.4#



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: 17.28 min Scan# 3722

Delta R.T. 0.08 min

Lab File: BN002798.D

Acq: 20 Sep 2018 22:03

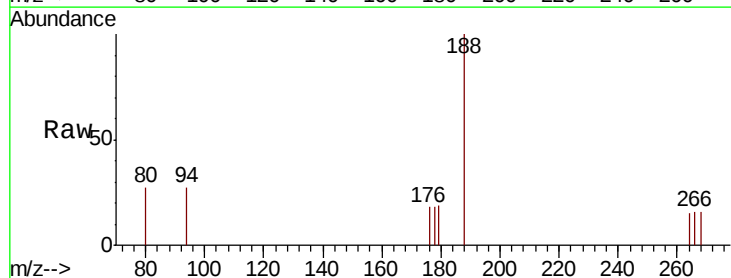
Tgt Ion:178 Resp: 3

Ion Ratio Lower Upper

178 100

179 103.6 18.1 27.1#

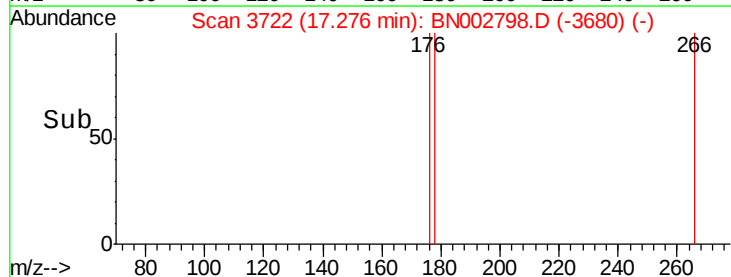
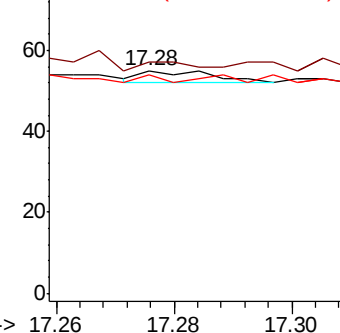
176 98.2 14.7 22.1#

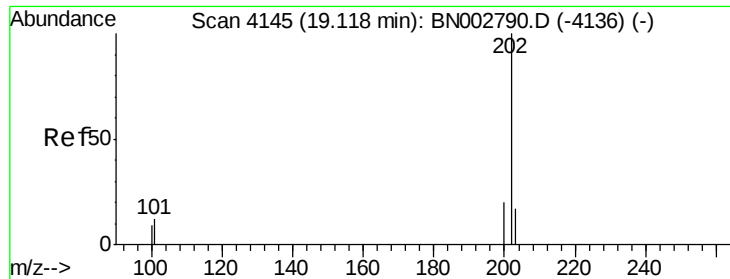


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.21 min Scan# 4164

Delta R.T. 0.09 min

Lab File: BN002798.D

Acq: 20 Sep 2018 22:03

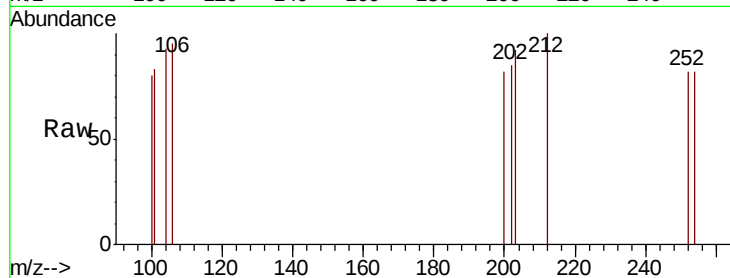
Instrument :

BNA_N

ClientSampleId :

A3ZD7

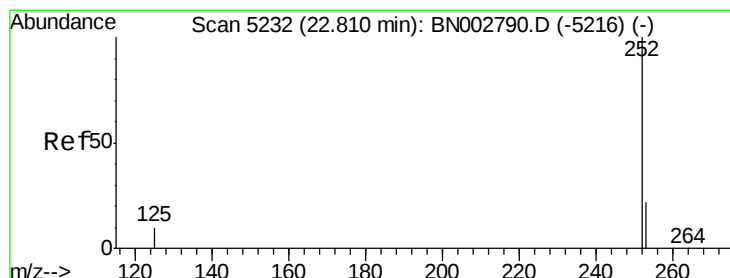
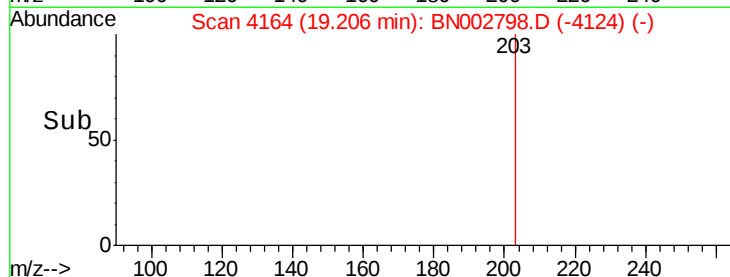
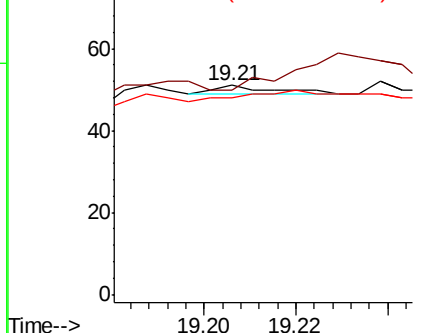
Tgt Ion:	202	Resp:	2
Ion	Ratio	Lower	Upper
202	100		
101	98.0	0.0	30.0#
100	94.1	0.0	30.0#



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: 0.007 ng/ul

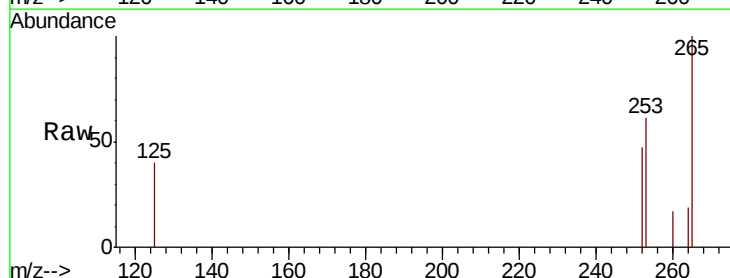
RT: 22.80 min Scan# 5228

Delta R.T. -0.01 min

Lab File: BN002798.D

Acq: 20 Sep 2018 22:03

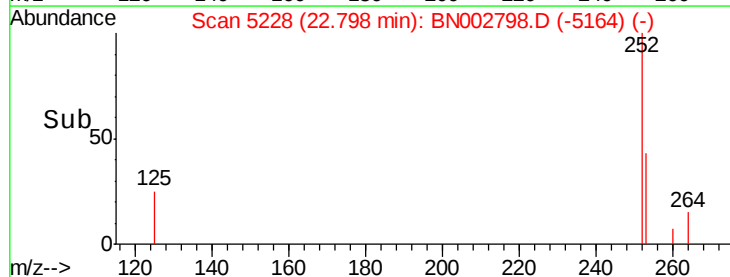
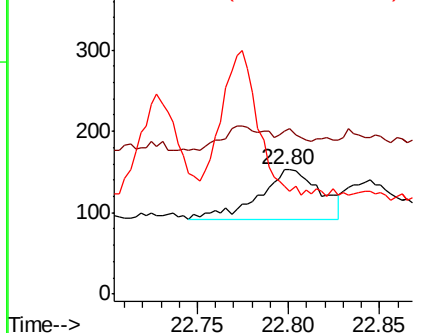
Tgt Ion:	252	Resp:	147
Ion	Ratio	Lower	Upper
252	100		
253	130.7	0.0	64.2#
125	86.9	0.0	35.0#

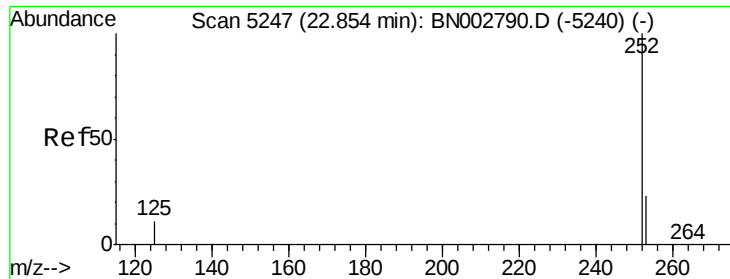


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.004 ng/u1

RT: 22.84 min Scan# 5244

Delta R.T. -0.01 min

Lab File: BN002798.D

Acq: 20 Sep 2018 22:03

Instrument :

BNA_N

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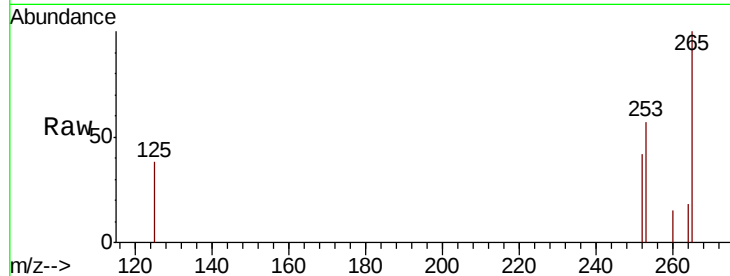
Tgt Ion:252 Resp: 80

Ion Ratio Lower Upper

252 100

253 137.1 24.5 36.7#

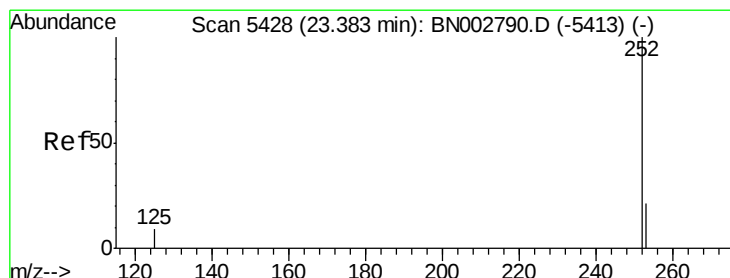
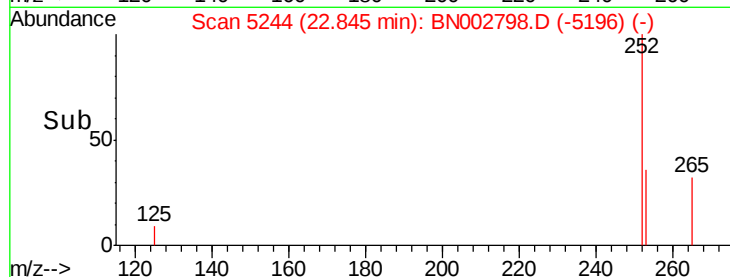
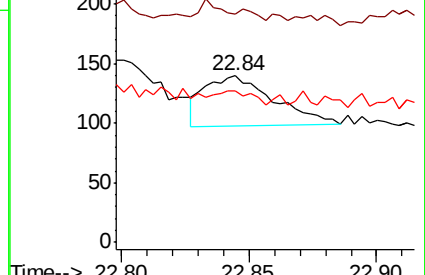
125 90.7 13.7 20.5#



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: 0.118 ng/u1

RT: 23.31 min Scan# 5402

Delta R.T. -0.08 min

Lab File: BN002798.D

Acq: 20 Sep 2018 22:03

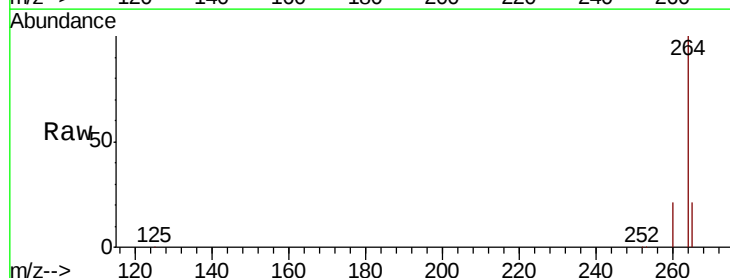
Tgt Ion:252 Resp: 2279

Ion Ratio Lower Upper

252 100

253 37.4 16.0 24.0#

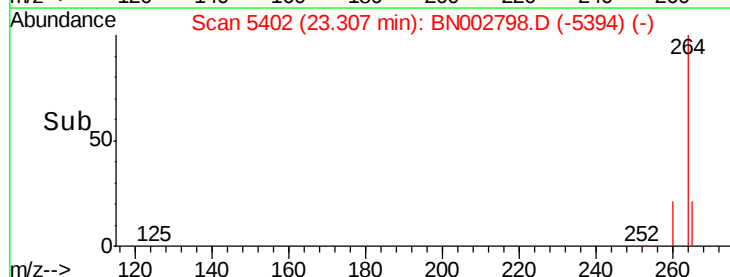
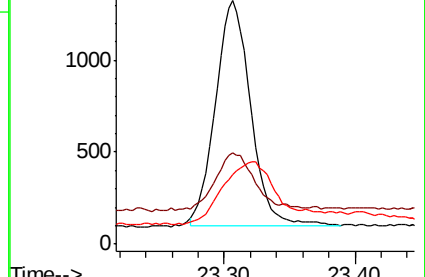
125 28.7 12.0 18.0#

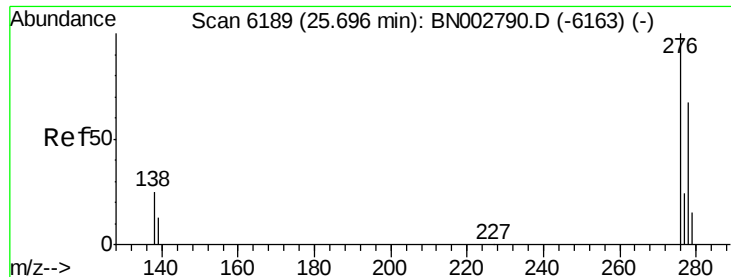


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

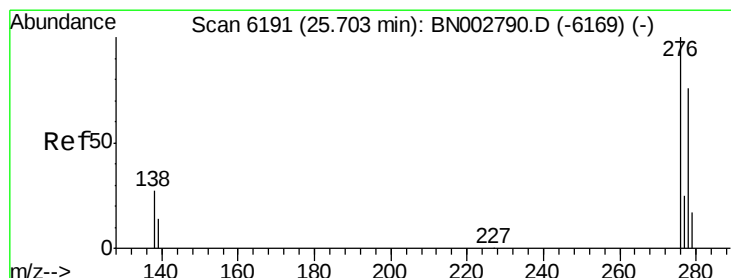
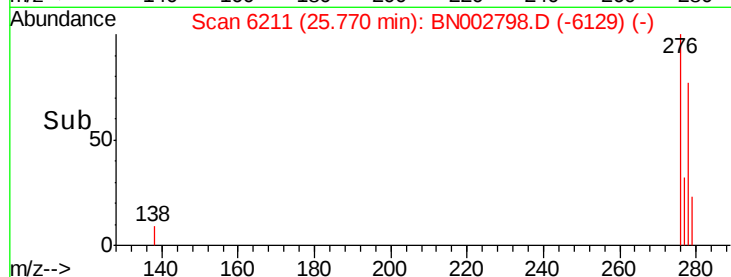
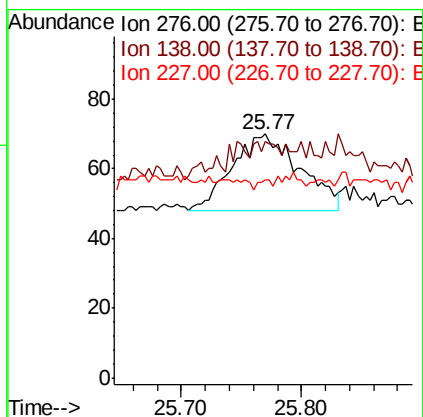
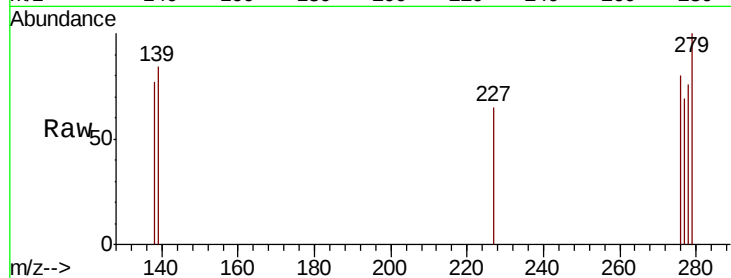




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.004 ng/u1
 RT: 25.77 min Scan# 6211
 Delta R.T. 0.07 min
 Lab File: BN002798.D
 Acq: 20 Sep 2018 22:03

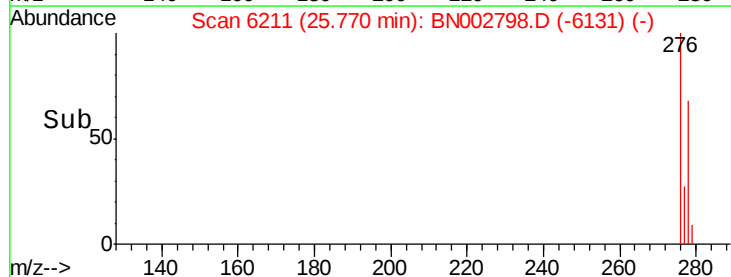
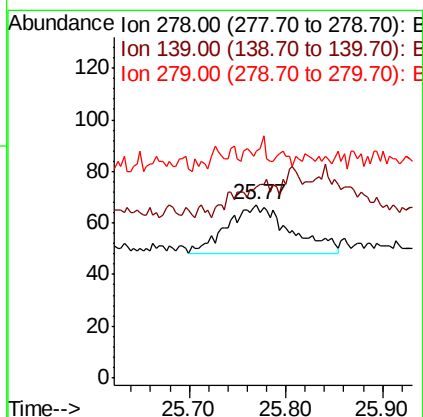
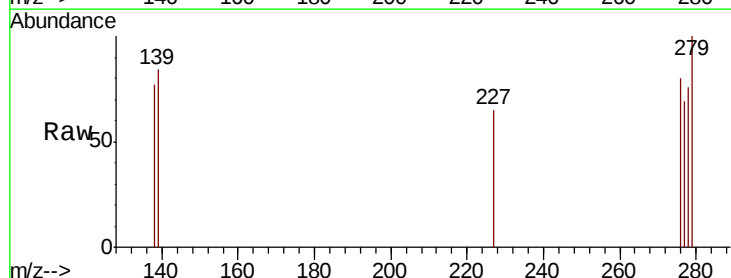
Instrument :
 BNA_N
 ClientSampleId :
 A3ZD7

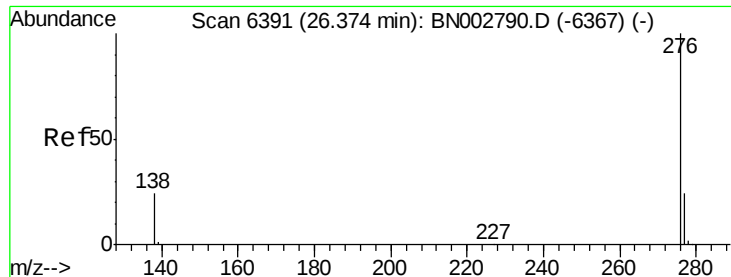
Tgt Ion: 276 Resp: 86
 Ion Ratio Lower Upper
 276 100
 138 26.7 28.0 42.0#
 227 2.3 0.8 1.2#



#25
 Dibenzo(a,h)anthracene
 Concen: 0.005 ng/u1
 RT: 25.77 min Scan# 6211
 Delta R.T. 0.07 min
 Lab File: BN002798.D
 Acq: 20 Sep 2018 22:03

Tgt Ion: 278 Resp: 87
 Ion Ratio Lower Upper
 278 100
 139 110.4 17.4 26.0#
 279 131.3 25.9 38.9#





#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: BN002798.D

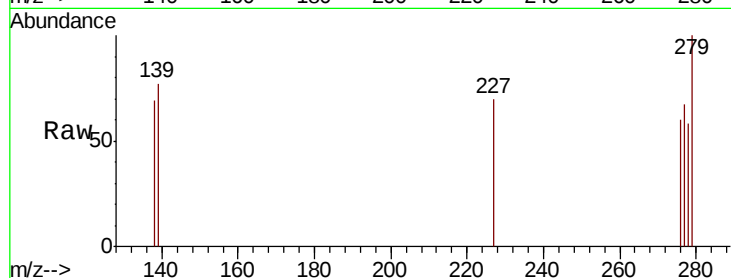
Acq: 20 Sep 2018 22:03

Instrument :

BNA_N

ClientSampleId :

A3ZD7



Tgt Ion:	276	Resp:	3
Ion	Ratio	Lower	Upper
276	100		
138	116.0	21.8	32.8#
277	112.0	20.5	30.7#

