

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092118\
 Data File : BN002797.D
 Acq On : 20 Sep 2018 21:29
 Operator : JU/SJ
 Sample : J4874-27
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3ZD5

Quant Time: Sep 21 04:01:42 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

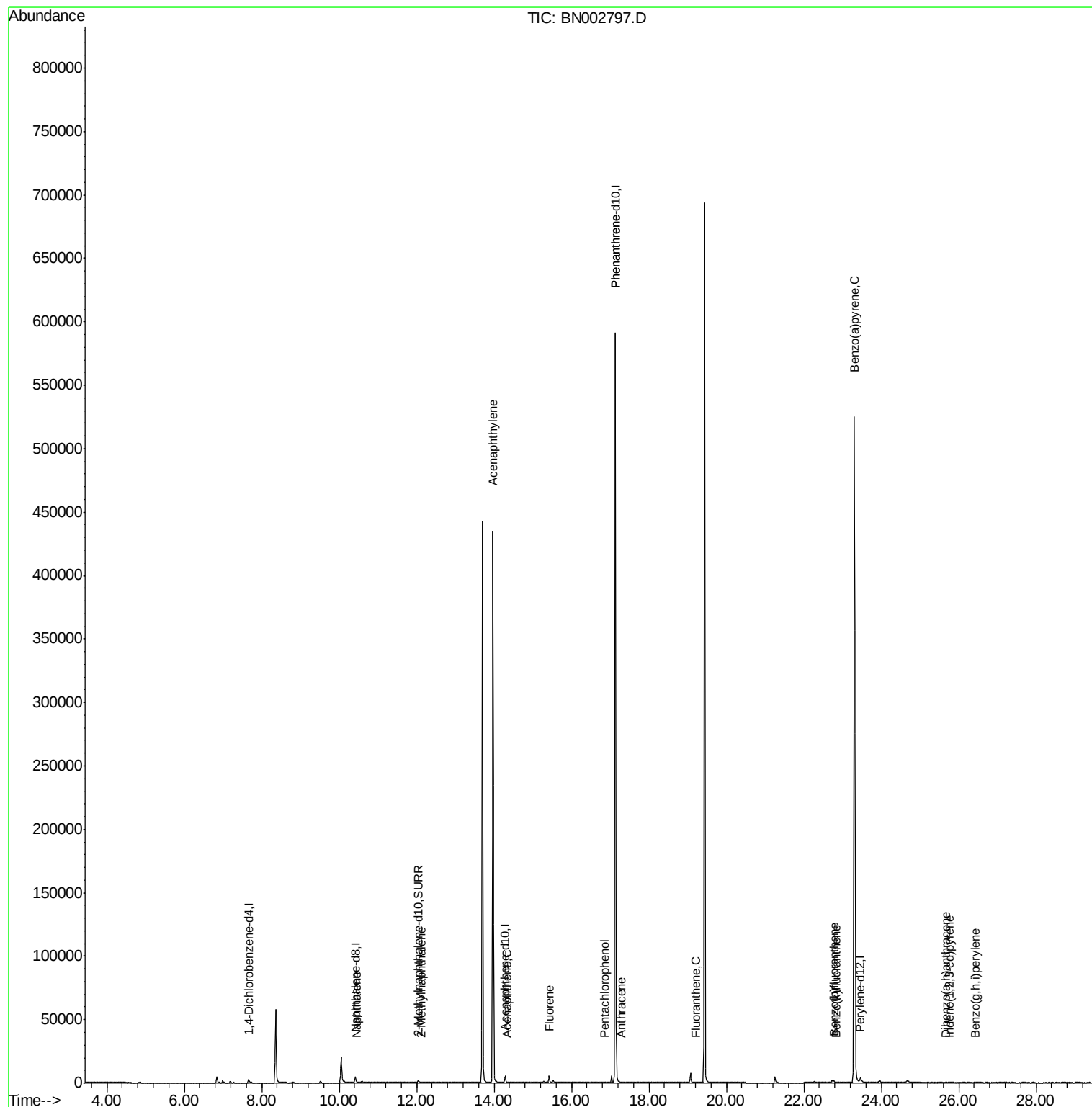
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	1610	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.42	136	6124	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	3209	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	679078	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.25
20) Perylene-d12	23.46	264	6579	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	3634	0.41	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Qvalue		
3) Naphthalene	10.47	128	62	0.004	ng/ul#	1
5) 2-Methylnaphthalene	12.12	142	20	0.002	ng/ul	94
7) Acenaphthylene	13.97	152	40	0.003	ng/ul#	1
8) Acenaphthene	14.35	153	12	0.001	ng/ul#	66
9) Fluorene	15.43	166	58	0.005	ng/ul#	1
11) Pentachlorophenol	16.84	266	2	0.000	ng/ul#	36
12) Phenanthrene	17.13	178	302	0.000	ng/ul#	1
13) Anthracene	17.29	178	7	0.000	ng/ul#	1
15) Fluoranthene	19.21	202	2	0.000	ng/ul#	1
21) Benzo(b)fluoranthene	22.77	252	79	0.004	ng/ul#	1
22) Benzo(k)fluoranthene	22.84	252	103	0.005	ng/ul#	1
23) Benzo(a)pyrene	23.30	252	2533	0.122	ng/ul#	59
24) Indeno(1,2,3-cd)pyrene	25.76	276	101	0.004	ng/ul#	41
25) Dibenzo(a,h)anthracene	25.66	278	3	0.000	ng/ul#	1
26) Benzo(g,h,i)perylene	26.43	276	111	0.005	ng/ul#	1

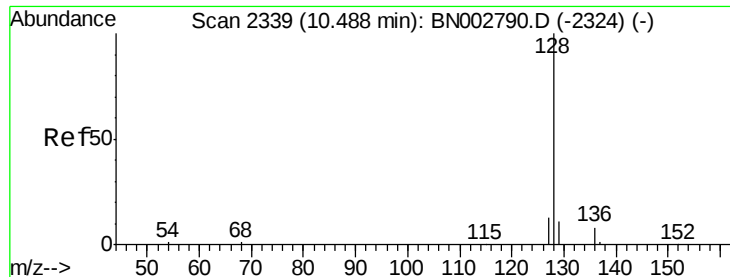
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.004 ng/ul

RT: 10.47 min Scan# 2335

Delta R.T. -0.02 min

Lab File: BN002797.D

Acq: 20 Sep 2018 21:29

Instrument :

BNA_N

ClientSampleId :

A3ZD5

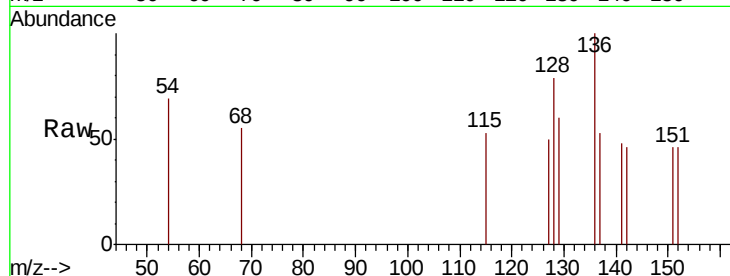
Tgt Ion:128 Resp: 62

Ion Ratio Lower Upper

128 100

129 76.3 8.0 12.0#

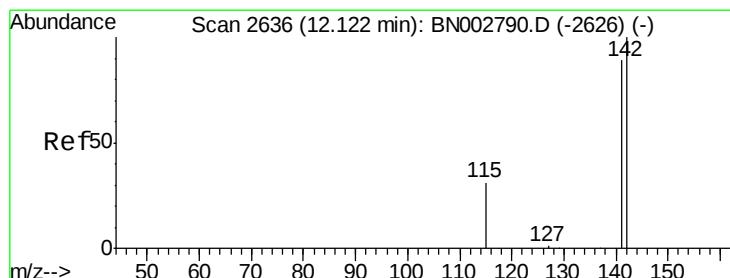
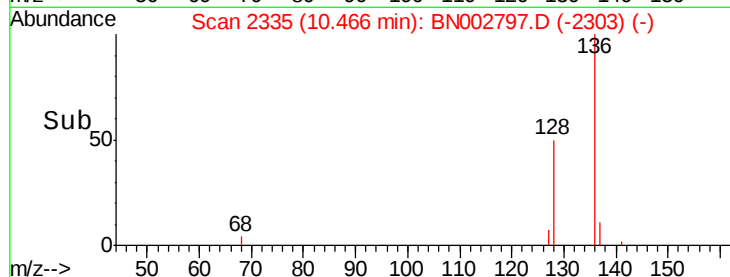
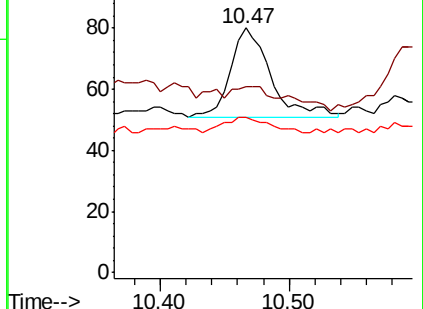
127 63.7 12.0 18.0#



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: 0.002 ng/ul

RT: 12.12 min Scan# 2636

Delta R.T. -0.00 min

Lab File: BN002797.D

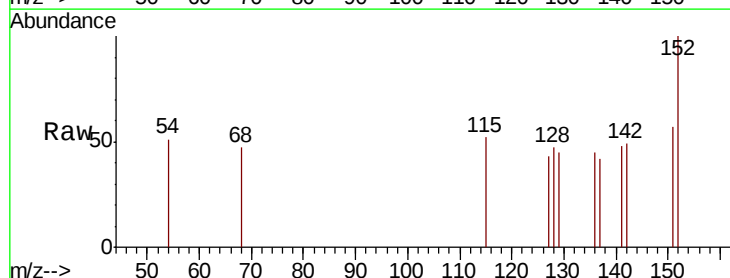
Acq: 20 Sep 2018 21:29

Tgt Ion:142 Resp: 20

Ion Ratio Lower Upper

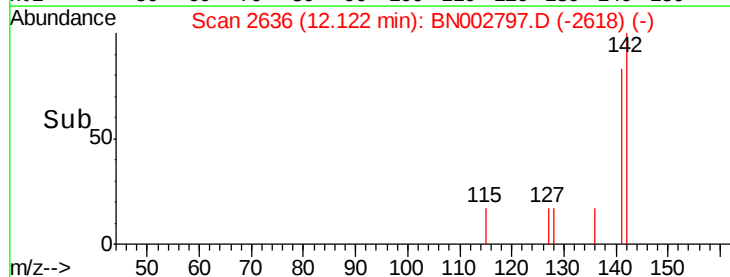
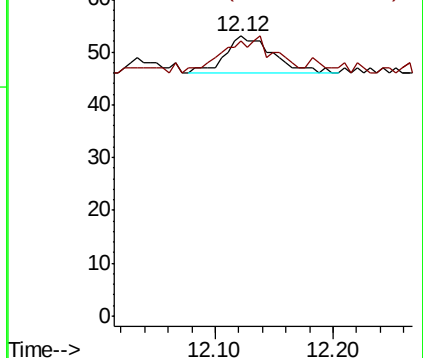
142 100

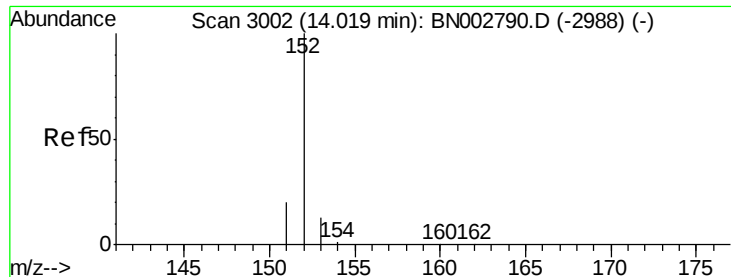
141 85.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.003 ng/ul

RT: 13.97 min Scan# 2992

Delta R.T. -0.05 min

Lab File: BN002797.D

Acq: 20 Sep 2018 21:29

Instrument :

BNA_N

ClientSampled :

A3ZD5

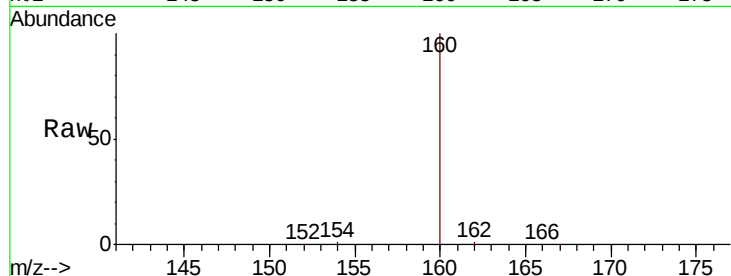
Tgt Ion:152 Resp: 40

Ion Ratio Lower Upper

152 100

151 75.8 17.1 25.7#

153 169.7 12.8 19.2#



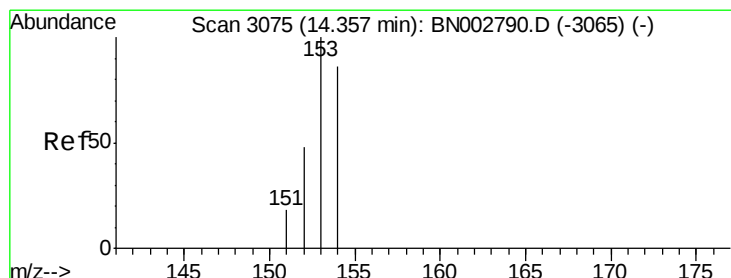
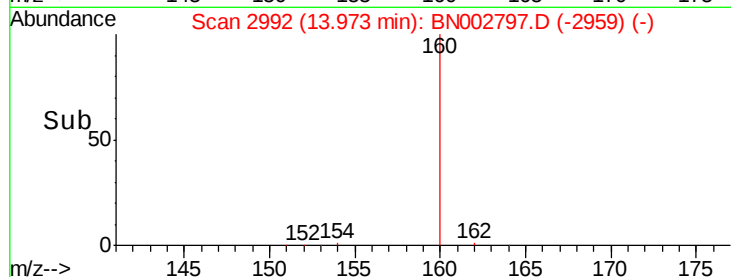
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

13.97

Time--> 13.90 13.95 14.00 14.05



#8

Acenaphthene

Concen: 0.001 ng/ul

RT: 14.35 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BN002797.D

Acq: 20 Sep 2018 21:29

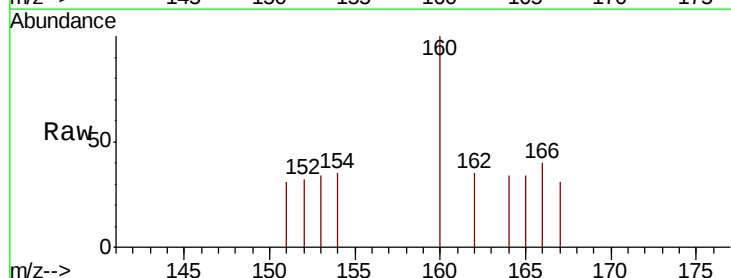
Tgt Ion:153 Resp: 12

Ion Ratio Lower Upper

153 100

152 94.3 36.0 54.0#

154 101.9 72.0 108.0



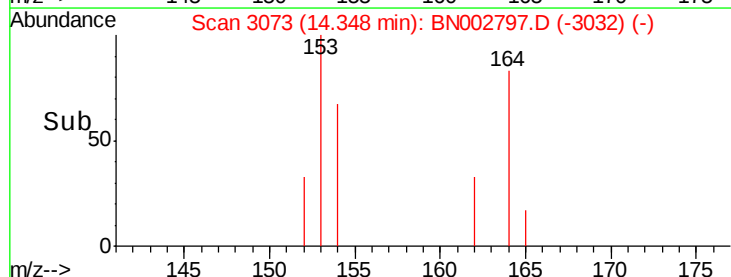
Abundance Ion 153.00 (152.70 to 153.70): E

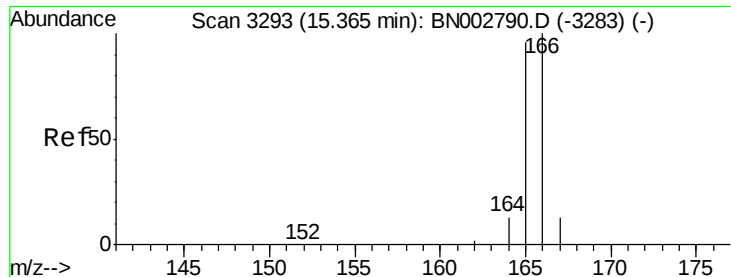
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

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: BN002797.D

Acq: 20 Sep 2018 21:29

Instrument :

BNA_N

ClientSampleId :

A3ZD5

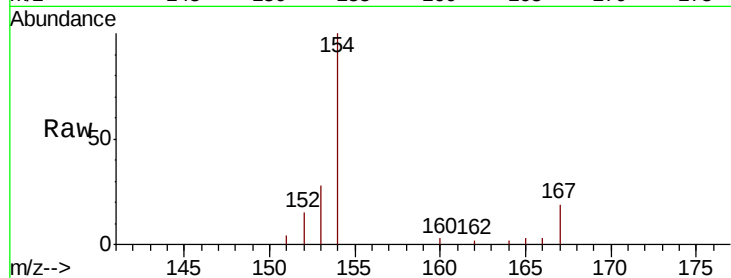
Tgt Ion:166 Resp: 58

Ion Ratio Lower Upper

166 100

165 100.0 73.4 110.2

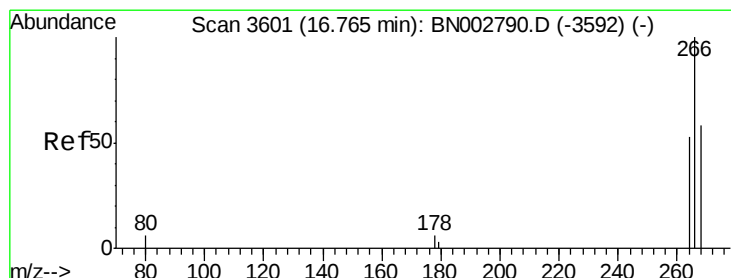
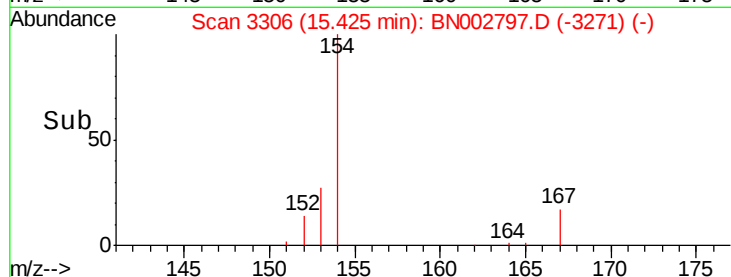
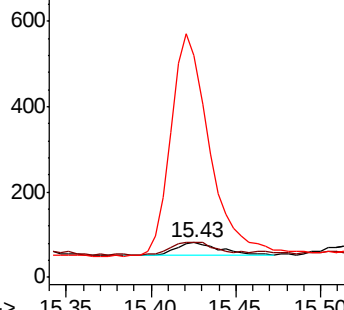
167 643.2 14.6 22.0#



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: 16.84 min Scan# 3619

Delta R.T. 0.08 min

Lab File: BN002797.D

Acq: 20 Sep 2018 21:29

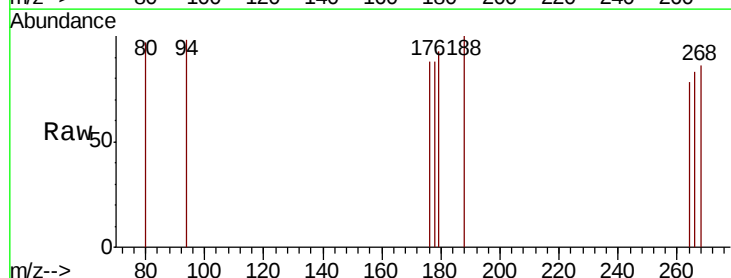
Tgt Ion:266 Resp: 2

Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

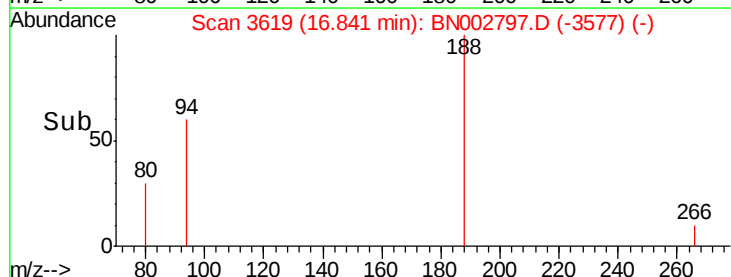
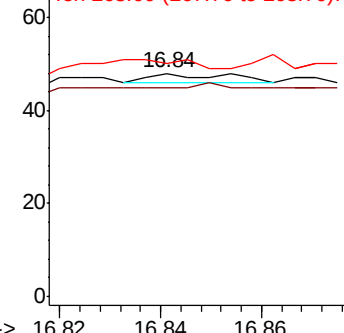
268 100.0 49.8 74.8#

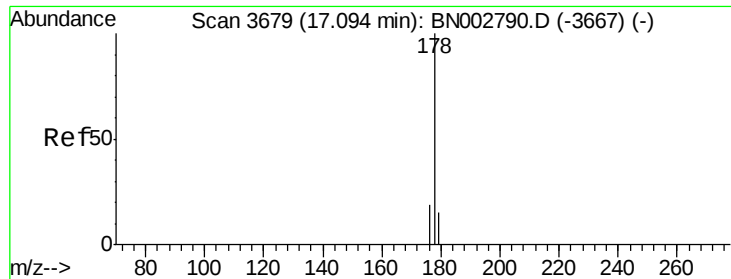


Abundance Ion 266.00 (265.70 to 266.70): E

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: BN002797.D

Acq: 20 Sep 2018 21:29

Instrument :

BNA_N

ClientSampleId :

A3ZD5

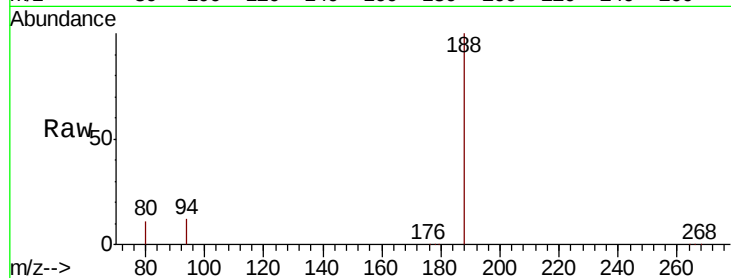
Tgt Ion:178 Resp: 302

Ion Ratio Lower Upper

178 100

179 239.1 18.4 27.6#

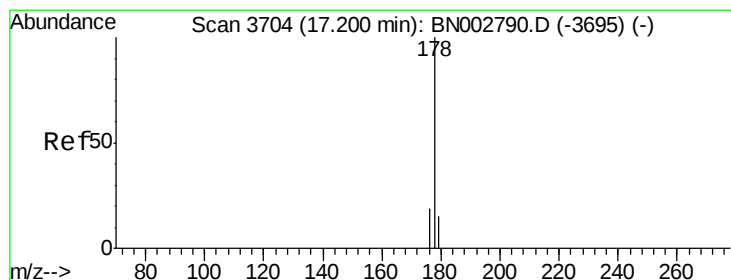
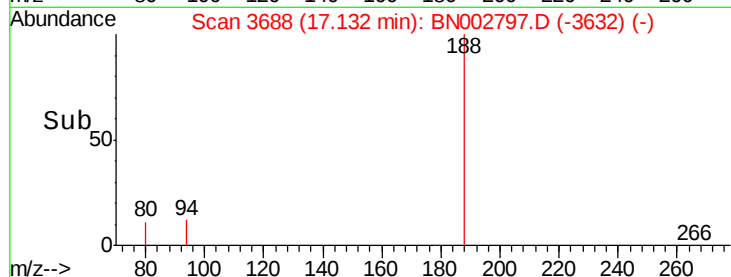
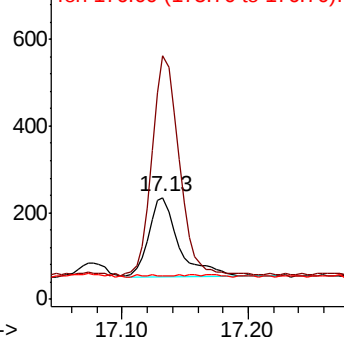
176 22.6 13.6 20.4#



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



#13

Anthracene

Concen: 0.000 ng/ul

RT: 17.29 min Scan# 3725

Delta R.T. 0.09 min

Lab File: BN002797.D

Acq: 20 Sep 2018 21:29

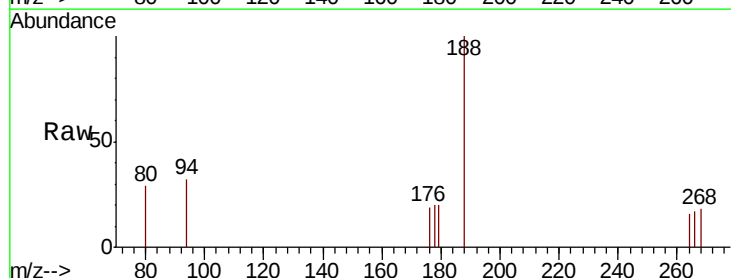
Tgt Ion:178 Resp: 7

Ion Ratio Lower Upper

178 100

179 103.6 18.1 27.1#

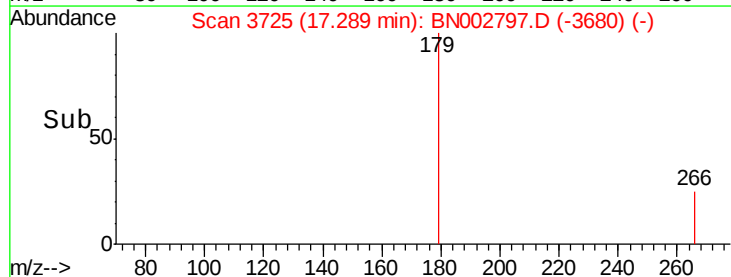
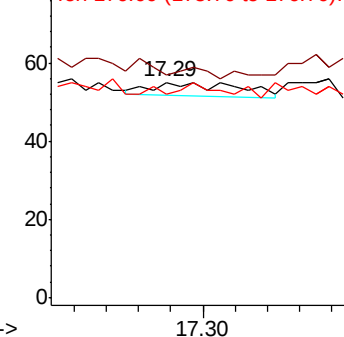
176 94.5 14.7 22.1#

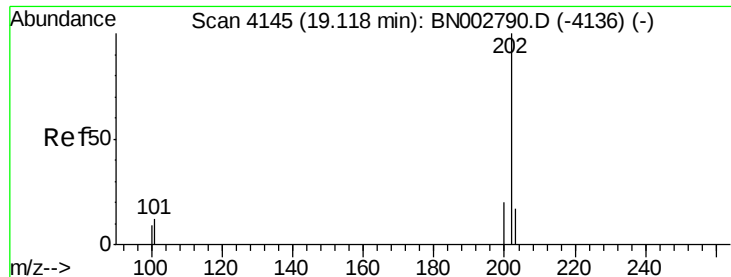


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

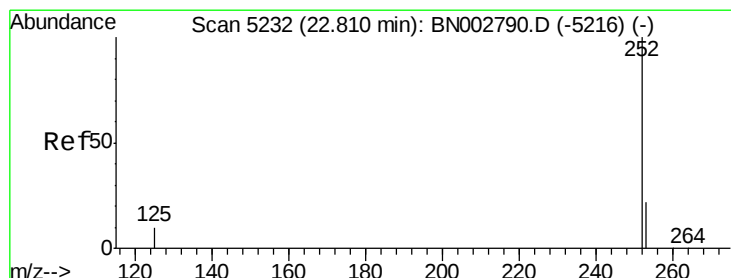
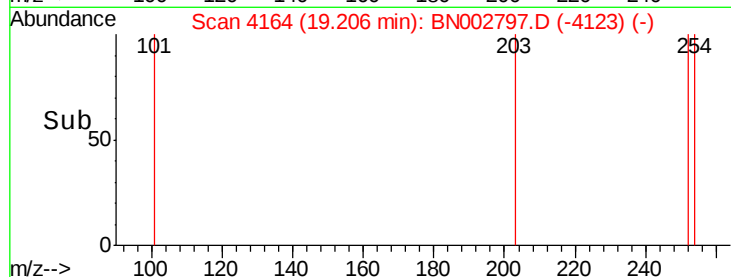
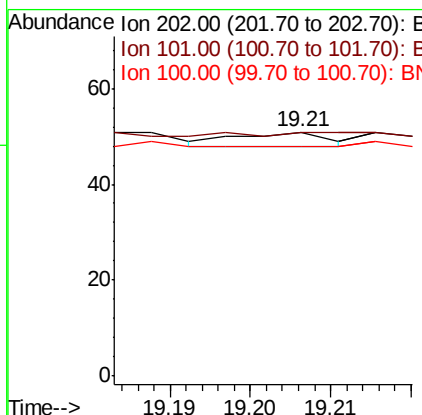
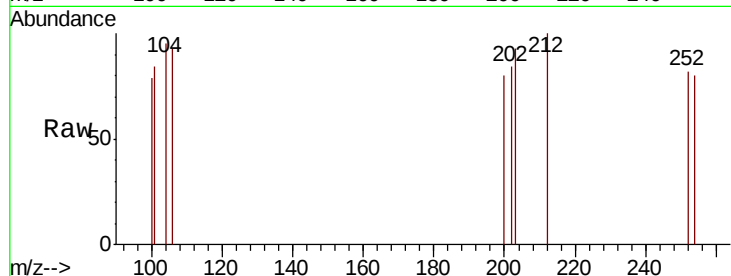




#15
 Fluoranthene
 Concen: 0.000 ng/ul
 RT: 19.21 min Scan# 4164
 Delta R.T. 0.09 min
 Lab File: BN002797.D
 Acq: 20 Sep 2018 21:29

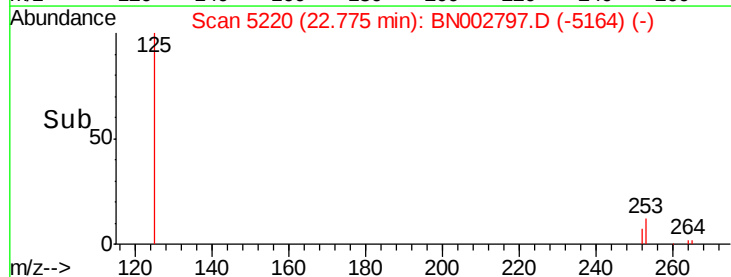
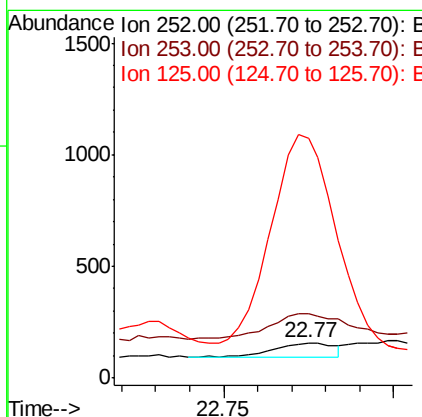
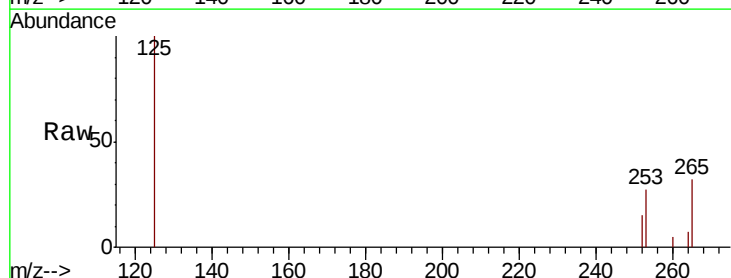
Instrument :
 BNA_N
 ClientSampleId :
 A3ZD5

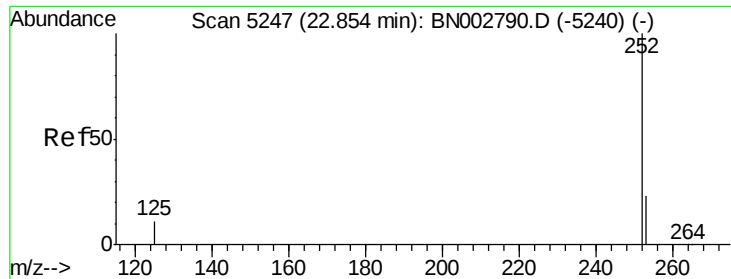
Tgt Ion: 202 Resp: 2
 Ion Ratio Lower Upper
 202 100
 101 100.0 0.0 30.0#
 100 94.1 0.0 30.0#



#21
 Benzo(b)fluoranthene
 Concen: 0.004 ng/ul
 RT: 22.77 min Scan# 5220
 Delta R.T. -0.04 min
 Lab File: BN002797.D
 Acq: 20 Sep 2018 21:29

Tgt Ion: 252 Resp: 79
 Ion Ratio Lower Upper
 252 100
 253 182.4 0.0 64.2#
 125 675.5 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.005 ng/u1

RT: 22.84 min Scan# 5243

Delta R.T. -0.01 min

Lab File: BN002797.D

Acq: 20 Sep 2018 21:29

Instrument :

BNA_N

ClientSampleId :

A3ZD5

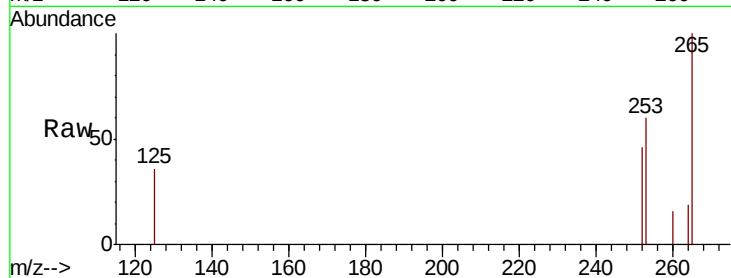
Tgt Ion:252 Resp: 103

Ion Ratio Lower Upper

252 100

253 130.9 24.5 36.7#

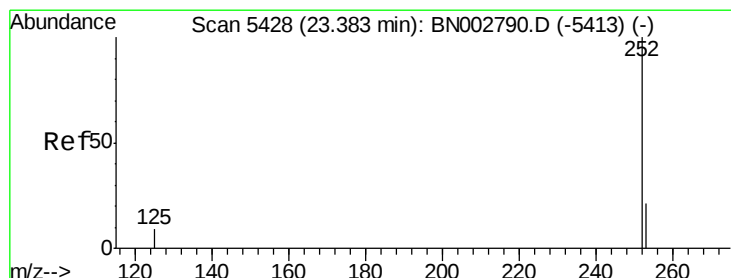
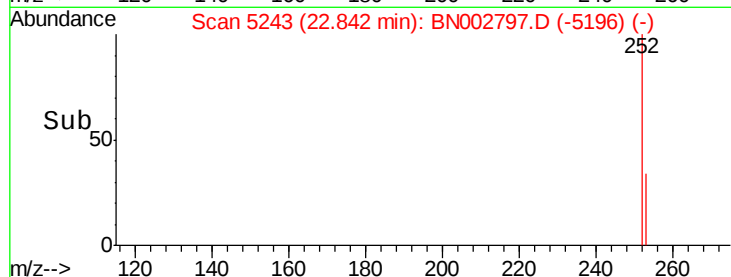
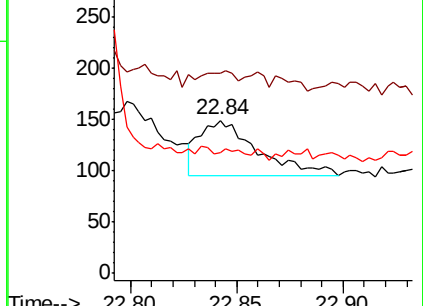
125 79.2 13.7 20.5#



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: 0.122 ng/u1

RT: 23.30 min Scan# 5401

Delta R.T. -0.08 min

Lab File: BN002797.D

Acq: 20 Sep 2018 21:29

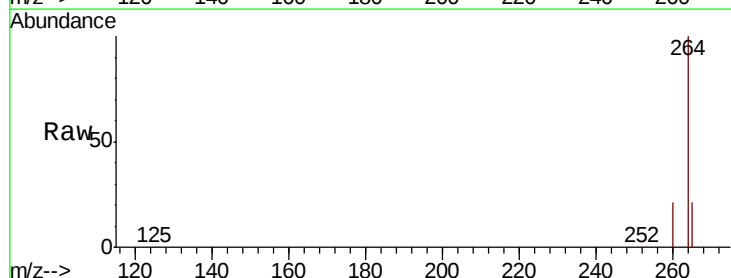
Tgt Ion:252 Resp: 2533

Ion Ratio Lower Upper

252 100

253 36.4 16.0 24.0#

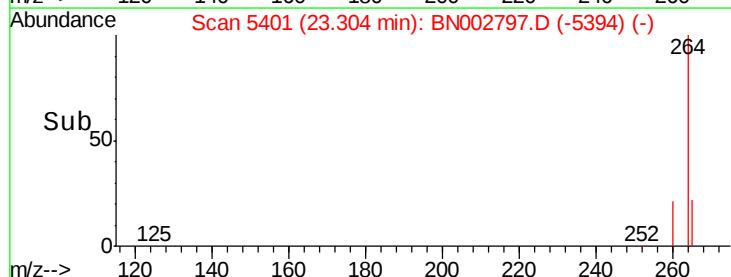
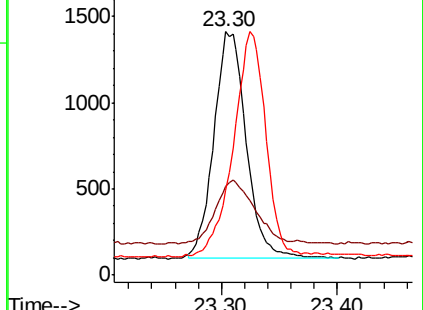
125 34.8 12.0 18.0#

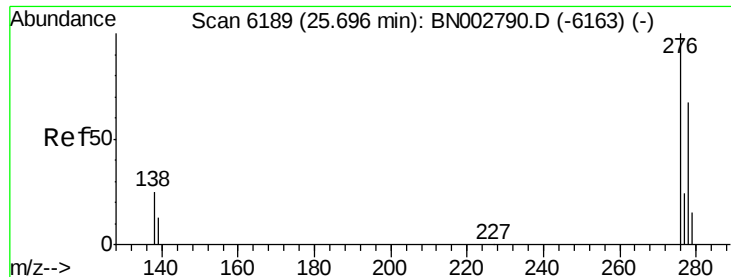


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



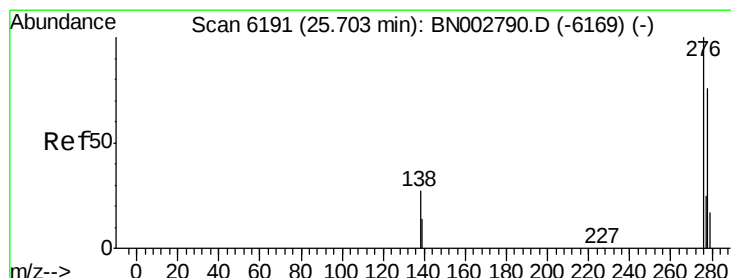
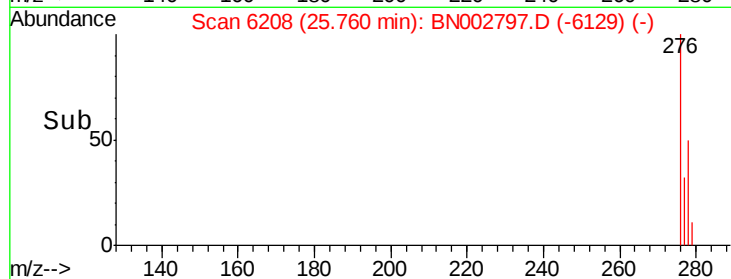
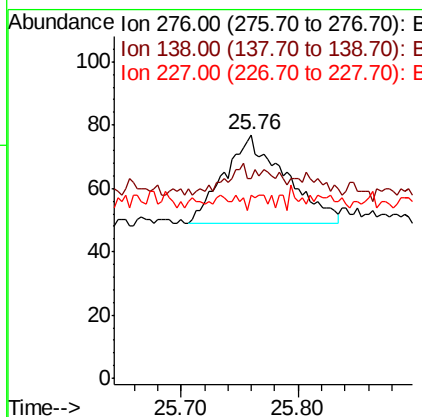
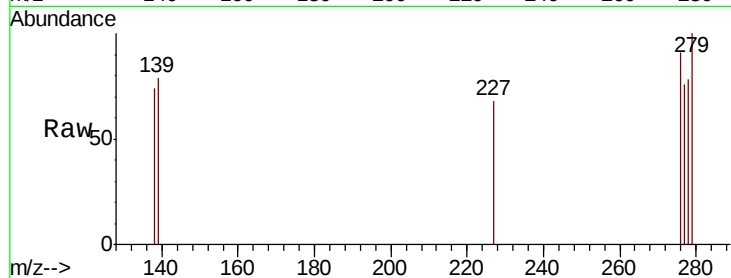


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng/u1
RT: 25.76 min Scan# 6208
Delta R.T. 0.06 min
Lab File: BN002797.D
Acq: 20 Sep 2018 21:29

Instrument :
BNA_N
ClientSampleId :
A3ZD5

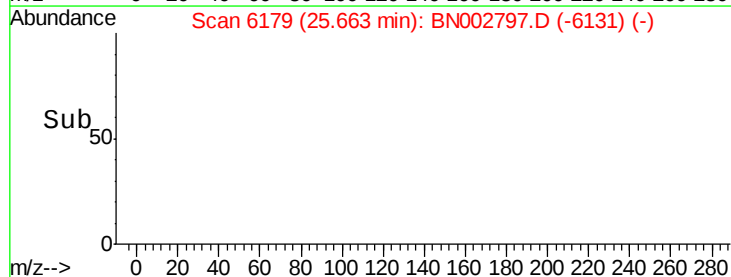
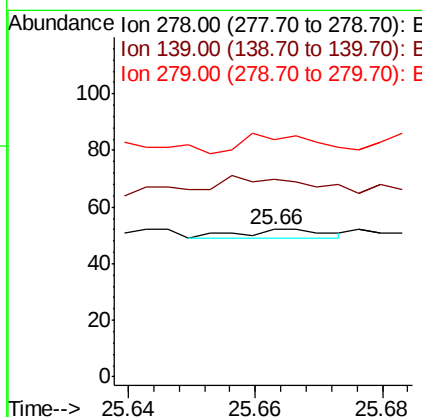
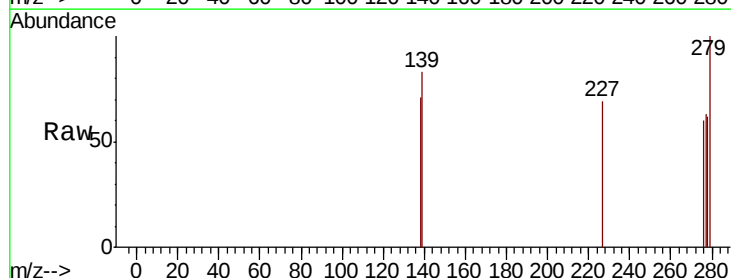
Tgt Ion: 276 Resp: 101
Ion Ratio Lower Upper
276 100
138 0.0 28.0 42.0#
227 5.0 0.8 1.2#

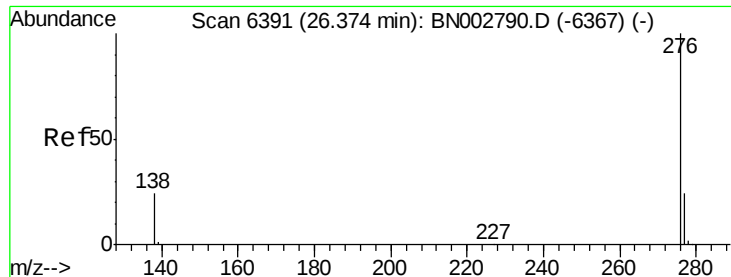


#25

Dibenzo(a,h)anthracene
Concen: 0.000 ng/u1
RT: 25.66 min Scan# 6179
Delta R.T. -0.04 min
Lab File: BN002797.D
Acq: 20 Sep 2018 21:29

Tgt Ion: 278 Resp: 3
Ion Ratio Lower Upper
278 100
139 134.6 17.4 26.0#
279 161.5 25.9 38.9#





#26

Benzo(g,h,i)perylene

Concen: 0.005 ng/u1

RT: 26.43 min Scan# 6407

Delta R.T. 0.05 min

Lab File: BN002797.D

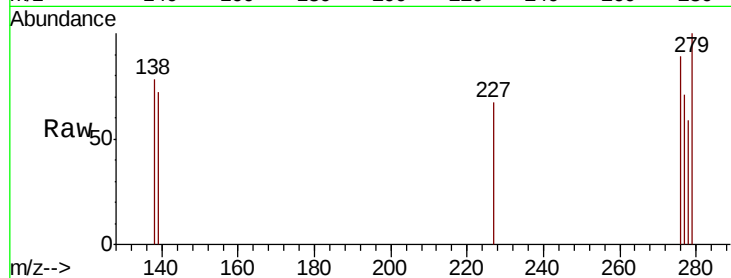
Acq: 20 Sep 2018 21:29

Instrument :

BNA_N

ClientSampleId :

A3ZD5



Tgt Ion: 276 Resp: 111

Ion Ratio Lower Upper

276 100

138 86.8 21.8 32.8#

277 78.9 20.5 30.7#

