

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003161.D
 Acq On : 13 Oct 2018 04:18
 Operator : MJ/SJ
 Sample : J5368-06DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 13 06:03:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 05:59:15 2018
 Response via : Initial Calibration

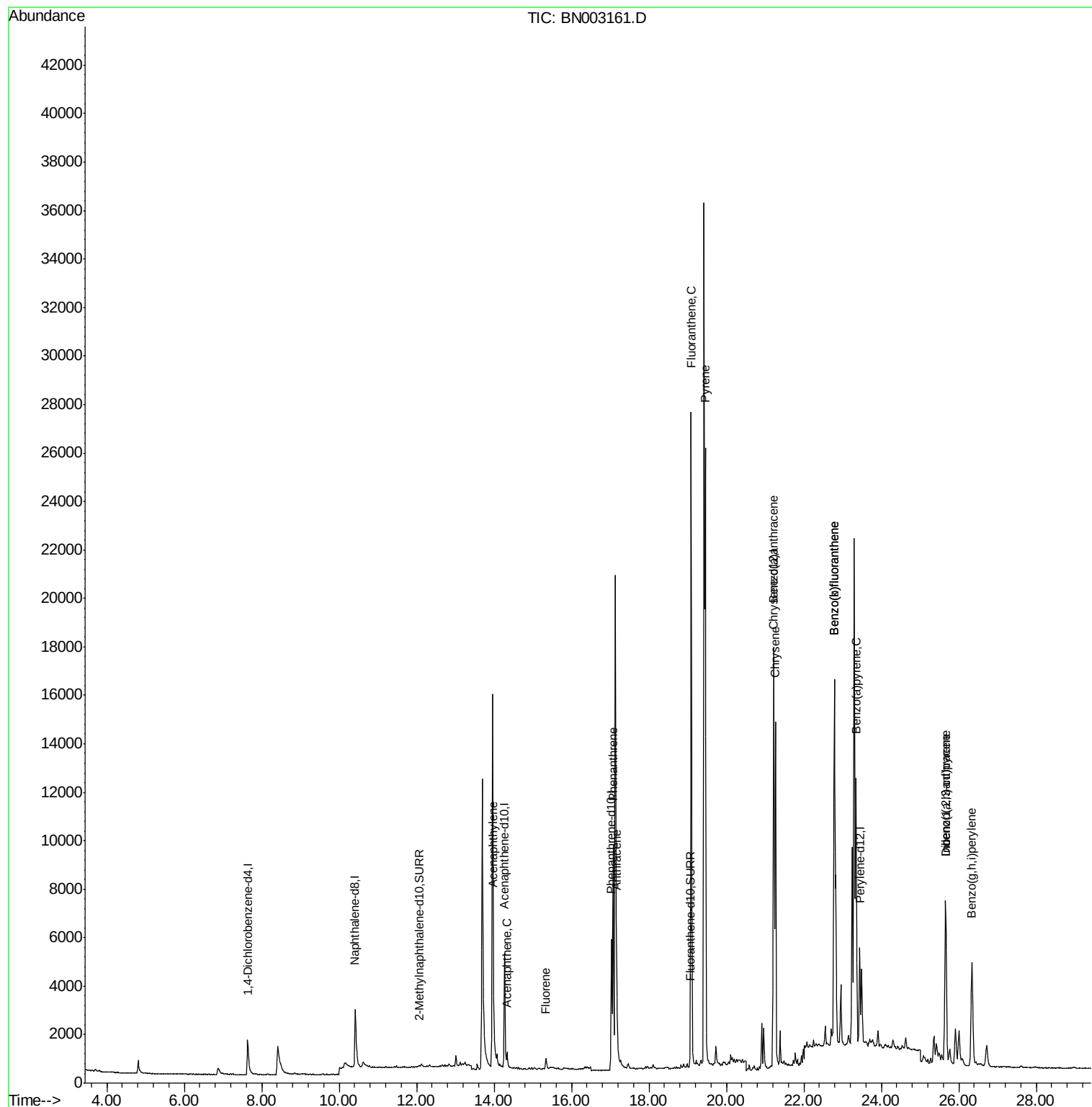
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1236	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.41	136	5358	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	3253	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	7474	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	6614	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5837	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	195	0.02	ng/ul	0.03
14) Fluoranthene-d10	19.06	212	511	0.02	ng/ul	-0.01
Target Compounds				Ovalue		
7) Acenaphthylene	13.99	152	351	0.024	ng/ul#	1
8) Acenaphthene	14.33	153	393	0.035	ng/ul#	90
9) Fluorene	15.33	166	441	0.034	ng/ul#	91
12) Phenanthrene	17.07	178	11968	0.574	ng/ul	100
13) Anthracene	17.17	178	3229	0.164	ng/ul#	91
15) Fluoranthene	19.09	202	25025	1.024	ng/ul	99
17) Pyrene	19.45	202	22972	0.894	ng/ul	97
18) Benzo(a)anthracene	21.21	228	15012	0.705	ng/ul	98
19) Chrysene	21.26	228	14280	0.661	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	31746	1.510	ng/ul	96
22) Benzo(k)fluoranthene	22.78	252	31746	1.457	ng/ul	96
23) Benzo(a)pyrene	23.35	252	15324	0.813	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.66	276	11064	0.511	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.65	278	2740	0.158	ng/ul#	84
26) Benzo(g,h,i)perylene	26.34	276	9130	0.500	ng/ul	99

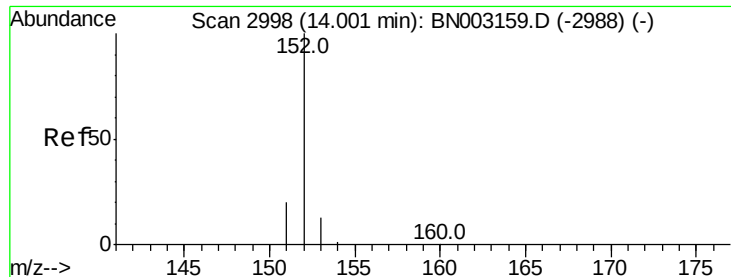
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 13 05:59:15 2018
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#7

Acenaphthylene

Concen: 0.024 ng/ul

RT: 13.99 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BN003161.D

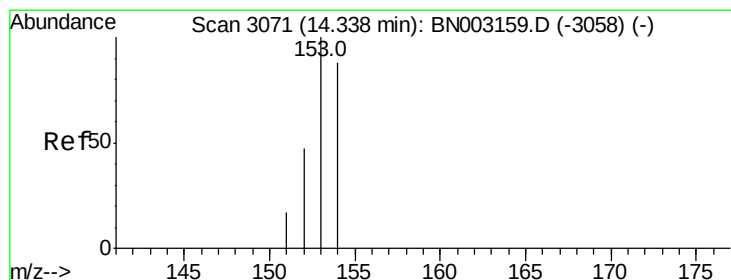
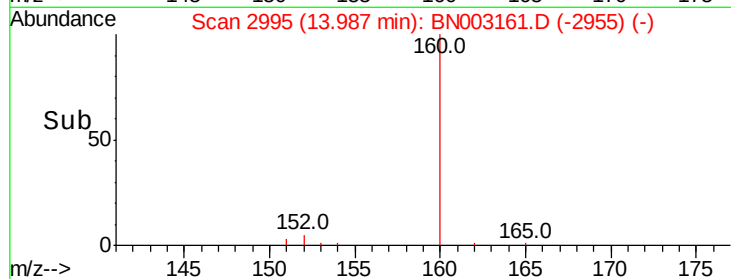
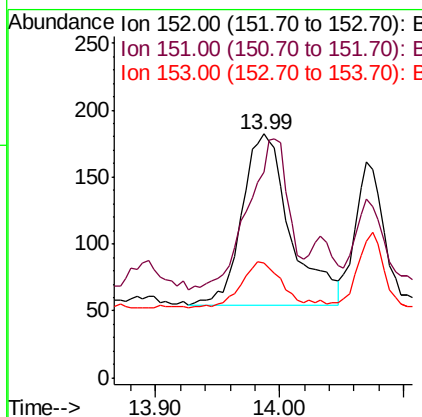
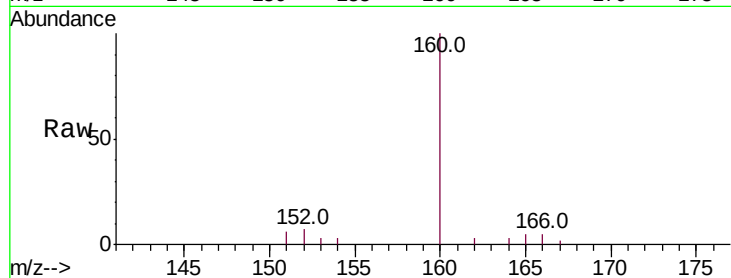
Acq: 13 Oct 2018 04:18

Instrument :

BNA_N

ClientSampled :

Tot Ion:	152	Resp:	351
Ion	Ratio	Lower	Upper
152	100		
151	84.6	16.5	24.7#
153	47.3	11.4	17.2#



#8

Acenaphthene

Concen: 0.035 ng/ul

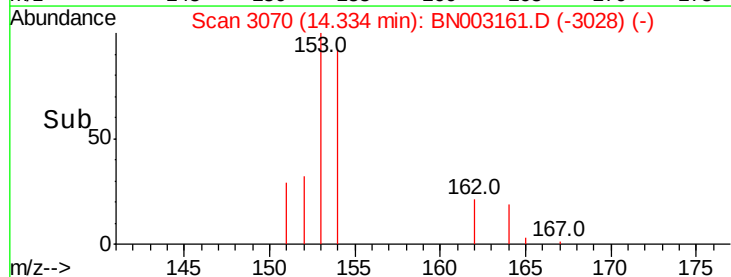
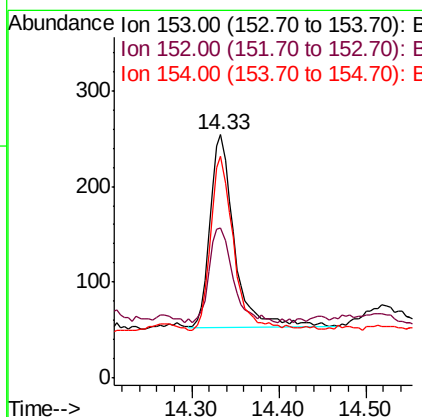
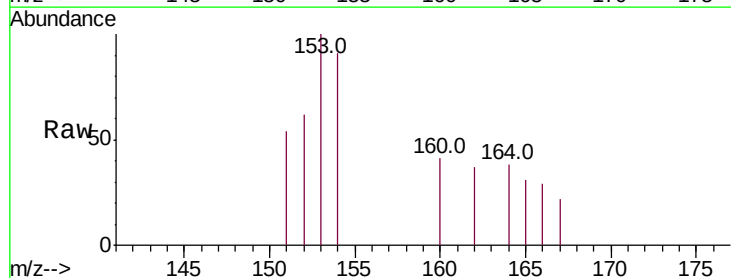
RT: 14.33 min Scan# 3070

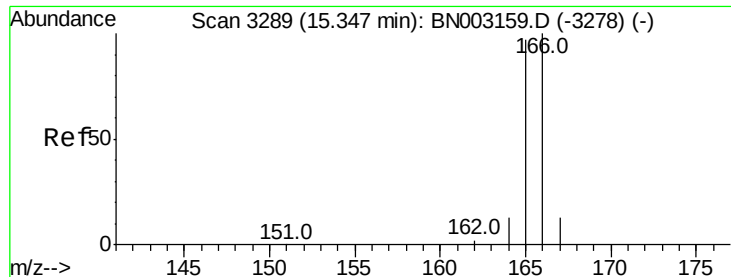
Delta R.T. -0.00 min

Lab File: BN003161.D

Acq: 13 Oct 2018 04:18

Tgt Ion:	153	Resp:	393
Ion	Ratio	Lower	Upper
153	100		
152	61.8	38.2	57.4#
154	91.3	70.2	105.2





#9

Fluorene

Concen: 0.034 ng/ul

RT: 15.33 min Scan# 3286

Delta R.T. -0.01 min

Lab File: BN003161.D

Acq: 13 Oct 2018 04:18

Instrument :

BNA_N

ClientSampleId :

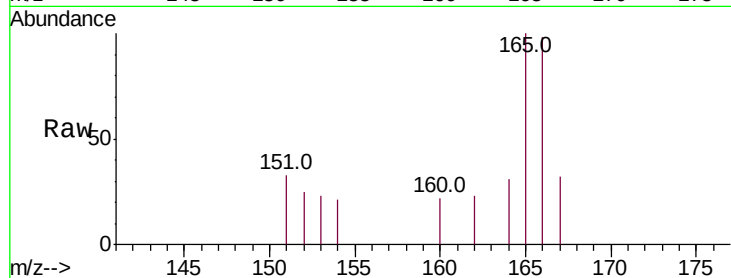
Tot Ion:166 Resp: 441

Ion Ratio Lower Upper

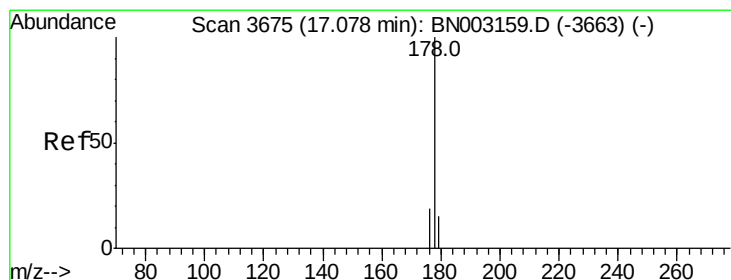
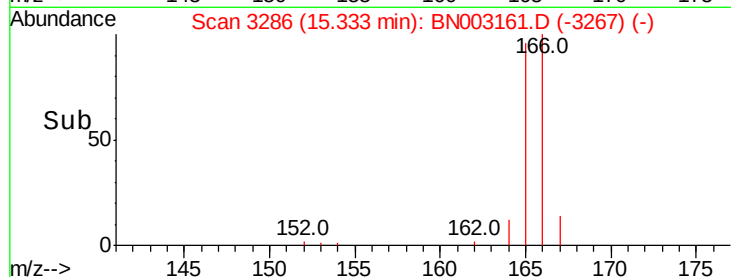
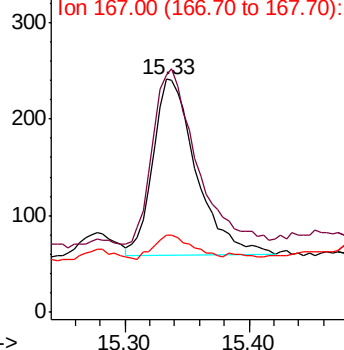
166 100

165 102.1 78.5 117.7

167 32.8 11.6 17.4#



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



#12

Phenanthrene

Concen: 0.574 ng/ul

RT: 17.07 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BN003161.D

Acq: 13 Oct 2018 04:18

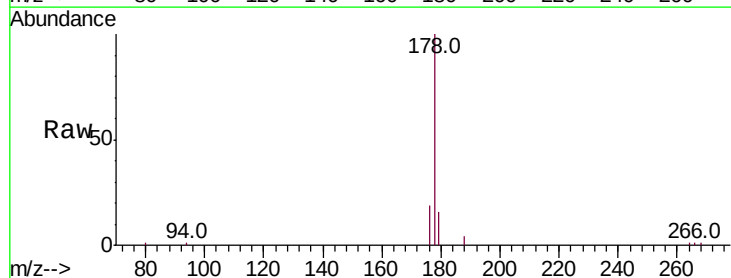
Tgt Ion:178 Resp: 11968

Ion Ratio Lower Upper

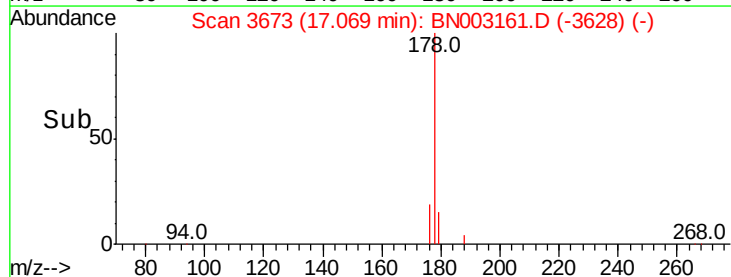
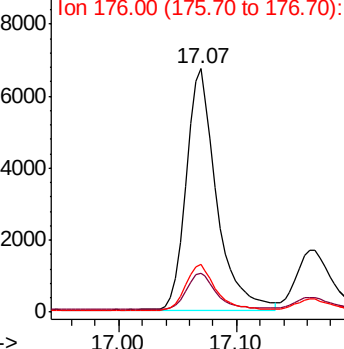
178 100

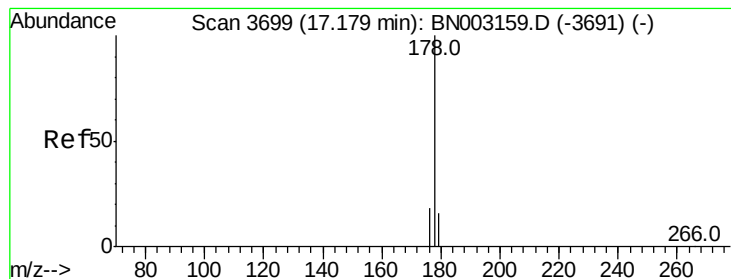
179 16.1 12.9 19.3

176 19.4 15.4 23.2



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: 0.164 ng/ul

RT: 17.17 min Scan# 3696

Delta R.T. -0.01 min

Lab File: BN003161.D

Acq: 13 Oct 2018 04:18

Instrument :

BNA_N

ClientSampleId :

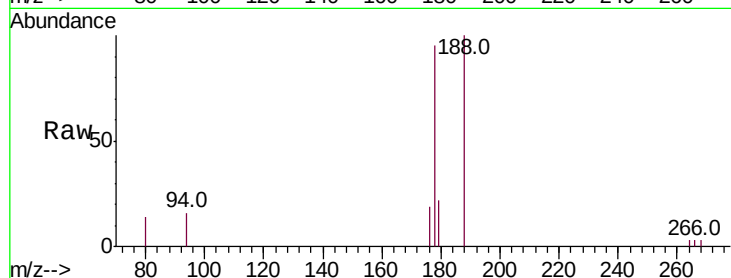
Tot Ion:178 Resp: 3229

Ion Ratio Lower Upper

178 100

179 23.5 13.0 19.6#

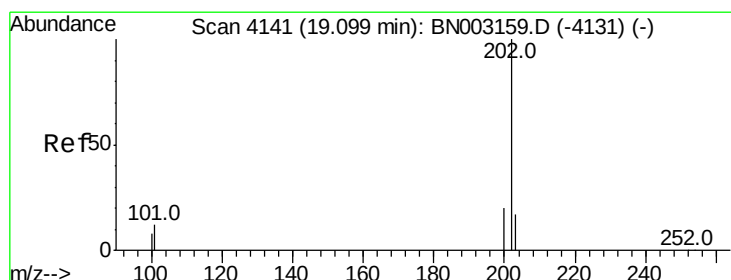
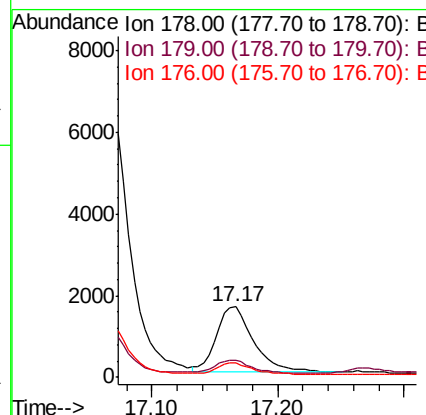
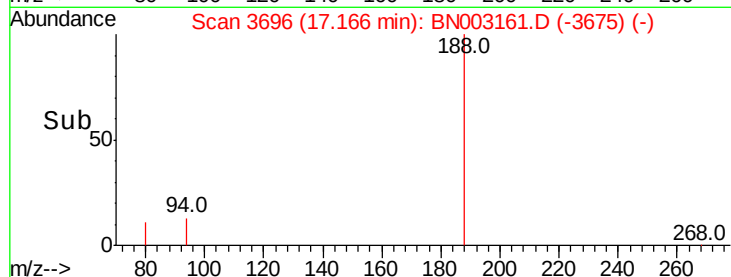
176 20.3 15.3 22.9



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: 1.024 ng/ul

RT: 19.09 min Scan# 4139

Delta R.T. -0.01 min

Lab File: BN003161.D

Acq: 13 Oct 2018 04:18

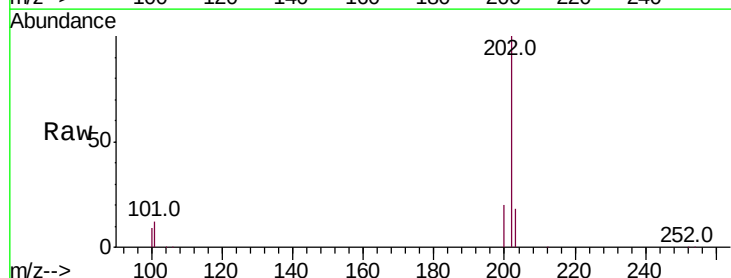
Tgt Ion:202 Resp: 25025

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.3

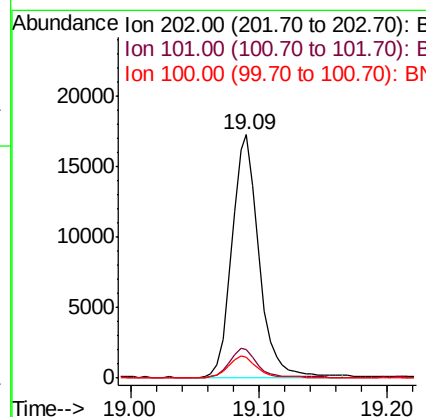
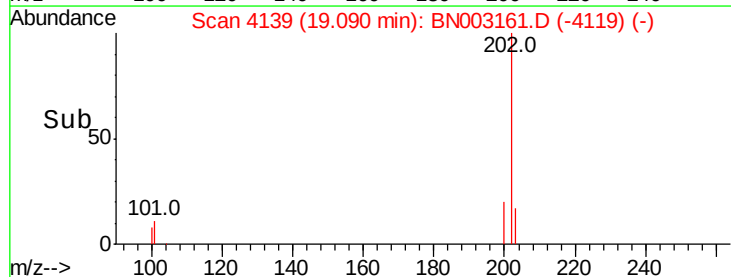
100 8.7 0.0 29.1

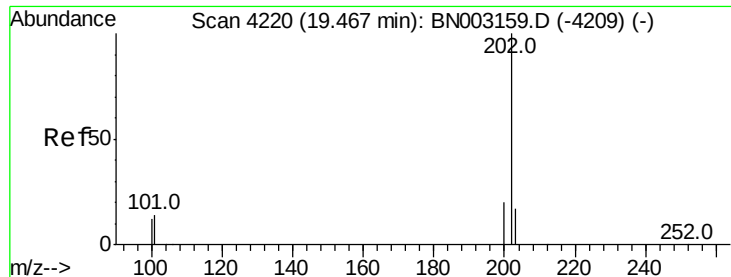


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

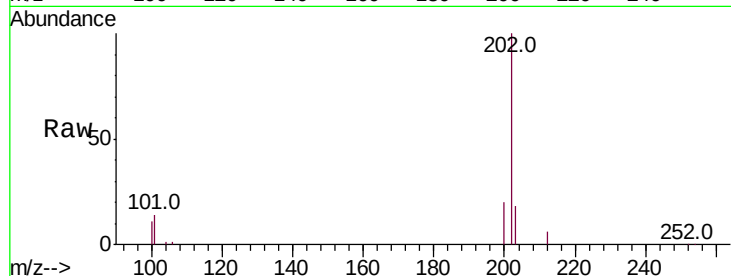




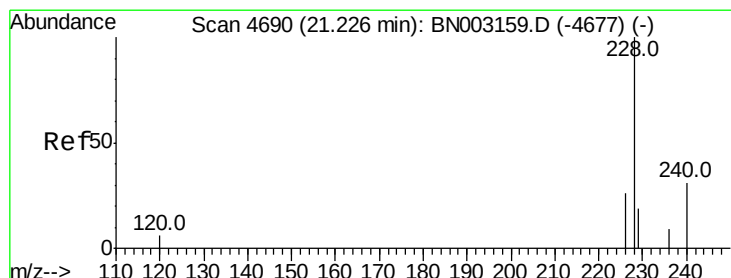
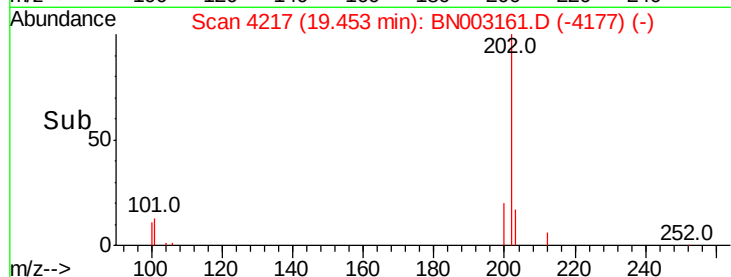
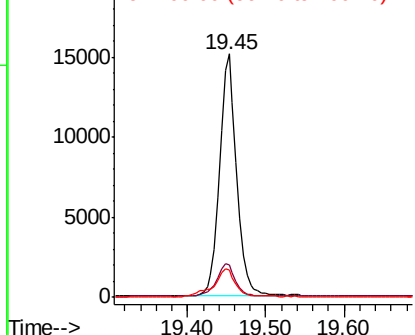
#17
Pvrene
Concen: 0.894 ng/ul
RT: 19.45 min Scan# 4217
Delta R.T. -0.01 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 22972
Ion Ratio Lower Upper
202 100
101 13.5 11.9 17.9
100 11.0 9.9 14.9

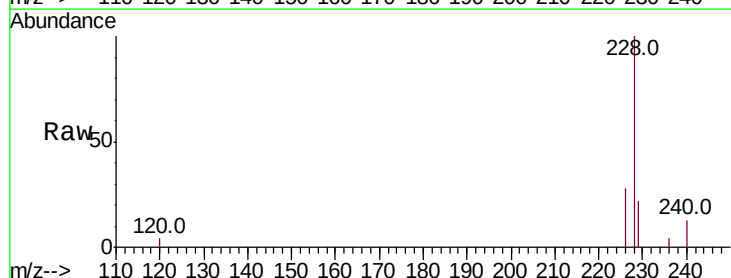


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

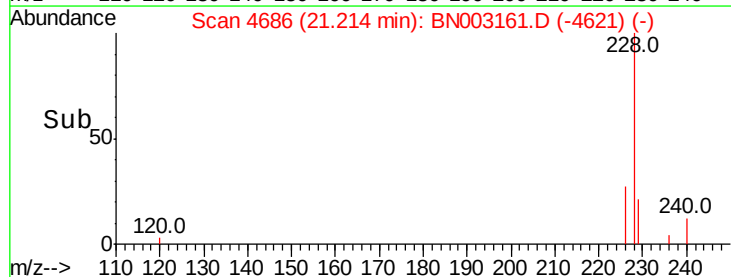
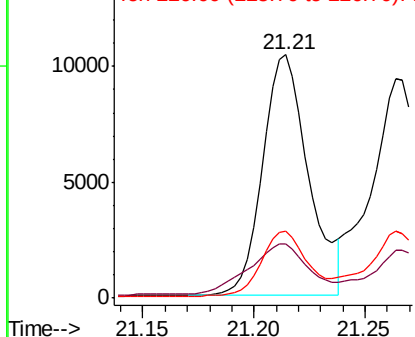


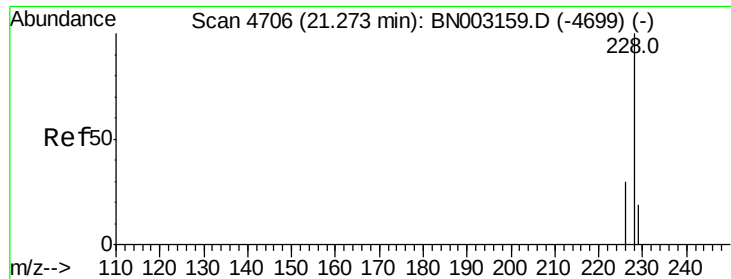
#18
Benzo(a)anthracene
Concen: 0.705 ng/ul
RT: 21.21 min Scan# 4686
Delta R.T. -0.01 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Tgt Ion:228 Resp: 15012
Ion Ratio Lower Upper
228 100
229 22.4 16.2 24.2
226 27.6 22.3 33.5



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: 0.661 ng/ul

RT: 21.26 min Scan# 4703

Delta R.T. -0.01 min

Lab File: BN003161.D

Acq: 13 Oct 2018 04:18

Instrument :

BNA_N

ClientSampleId :

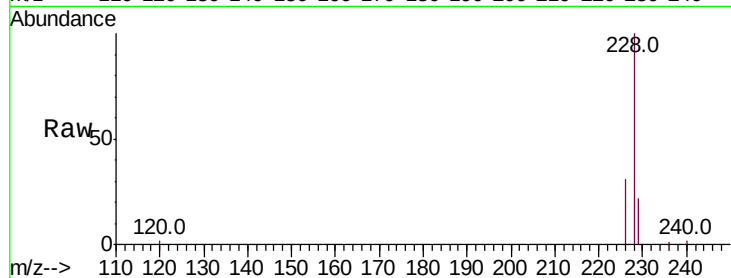
Tot Ion:228 Resp: 14280

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.4

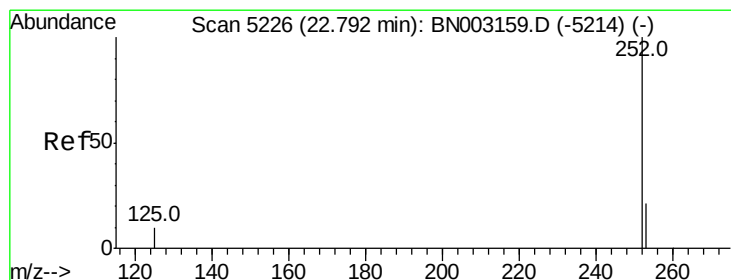
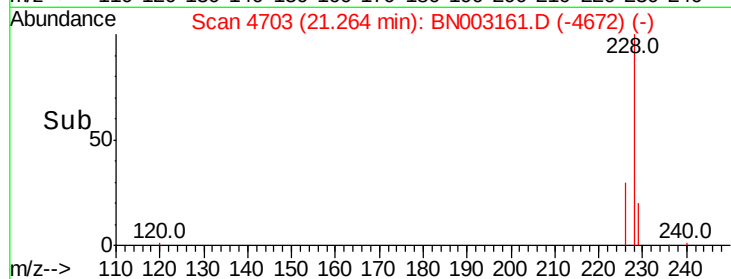
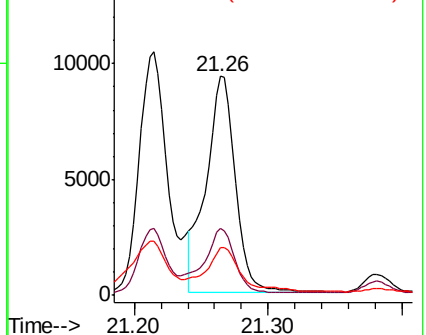
229 22.0 16.7 25.1



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: 1.510 ng/ul

RT: 22.78 min Scan# 5223

Delta R.T. -0.01 min

Lab File: BN003161.D

Acq: 13 Oct 2018 04:18

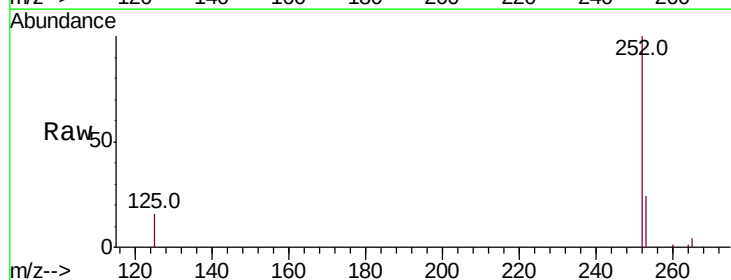
Tgt Ion:252 Resp: 31746

Ion Ratio Lower Upper

252 100

253 23.9 0.0 53.2

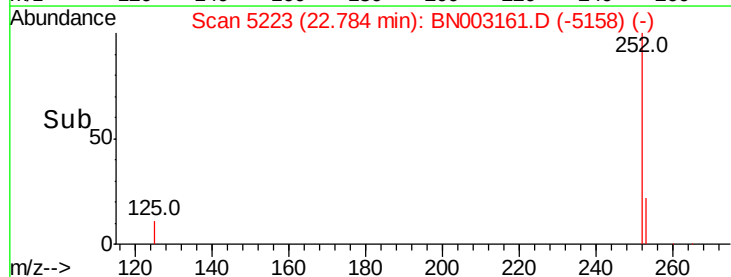
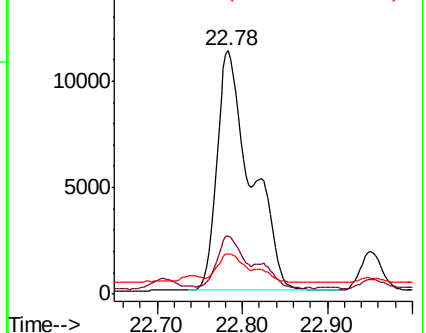
125 16.3 0.0 34.2

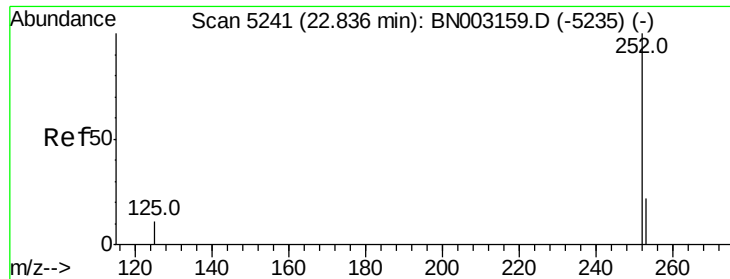


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.457 ng/ul

RT: 22.78 min Scan# 5223

Delta R.T. -0.05 min

Lab File: BN003161.D

Acq: 13 Oct 2018 04:18

Instrument :

BNA_N

ClientSampleId :

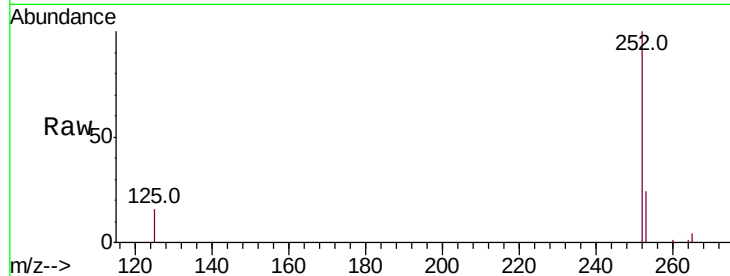
Tot Ion:252 Resp: 31746

Ion Ratio Lower Upper

252 100

253 23.9 21.3 31.9

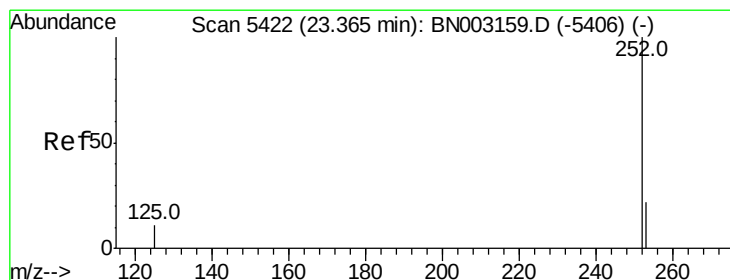
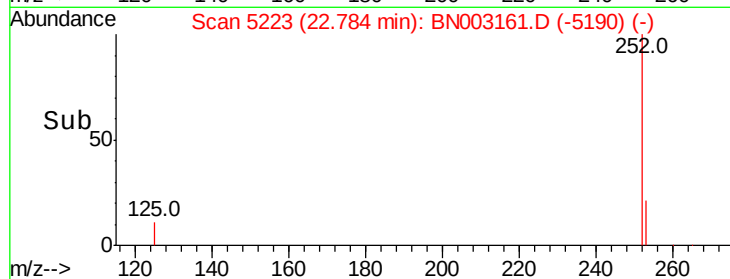
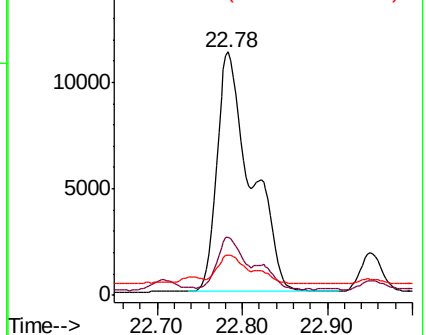
125 16.3 14.1 21.1



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: 0.813 ng/ul

RT: 23.35 min Scan# 5415

Delta R.T. -0.02 min

Lab File: BN003161.D

Acq: 13 Oct 2018 04:18

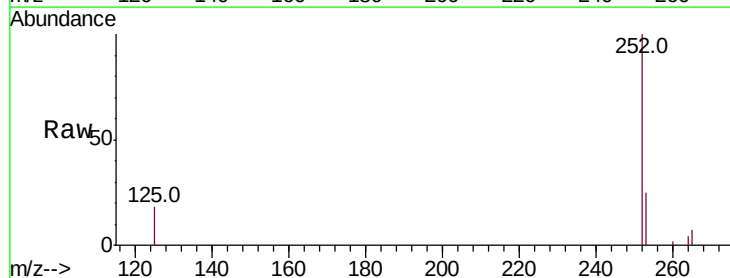
Tgt Ion:252 Resp: 15324

Ion Ratio Lower Upper

252 100

253 25.2 23.1 34.7

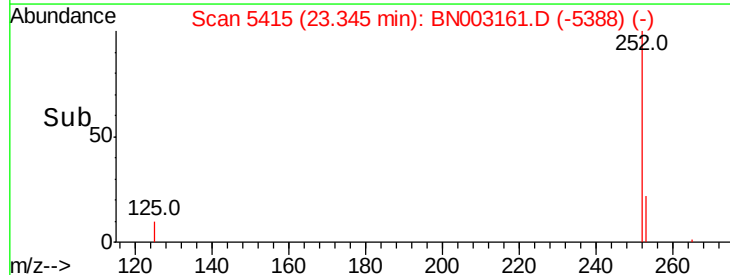
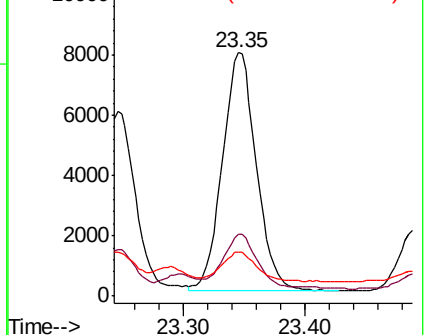
125 18.1 16.9 25.3

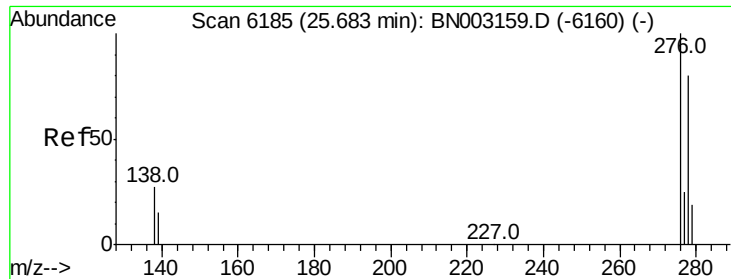


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



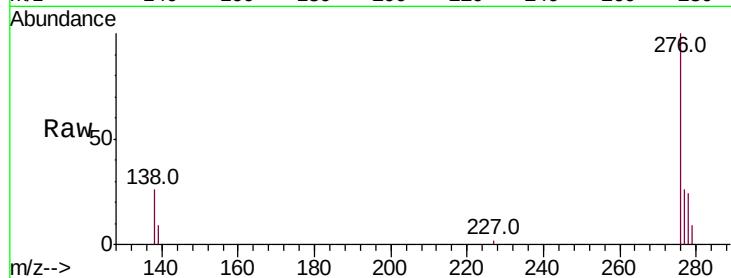


#24

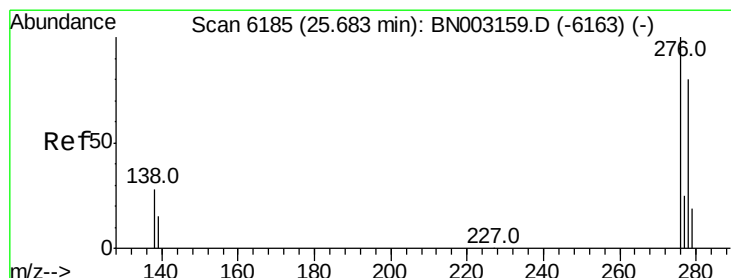
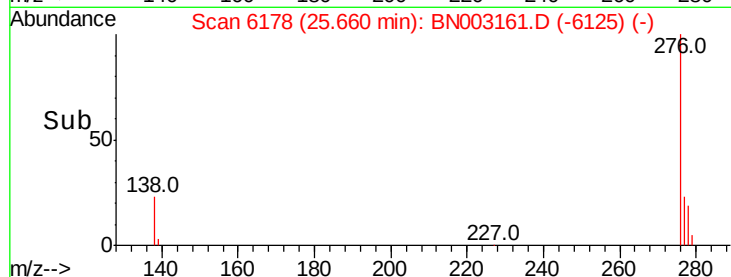
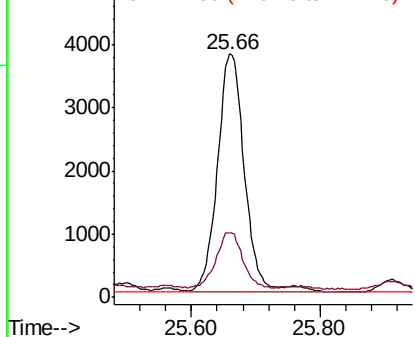
Indeno(1,2,3-cd)pyrene
Concen: 0.511 ng/ul
RT: 25.66 min Scan# 6178
Delta R.T. -0.02 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 11064
Ion Ratio Lower Upper
276 100
138 22.9 21.5 32.3
227 0.1 0.3 0.5#



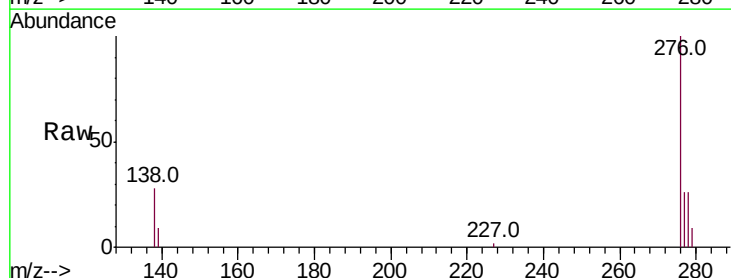
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



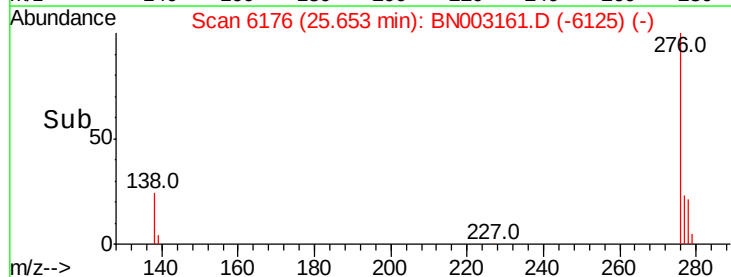
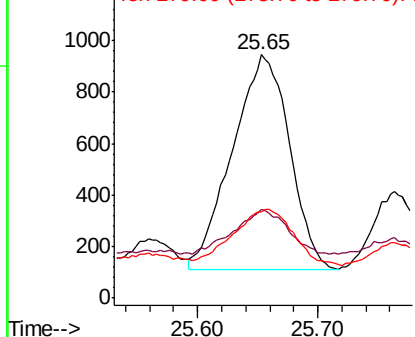
#25

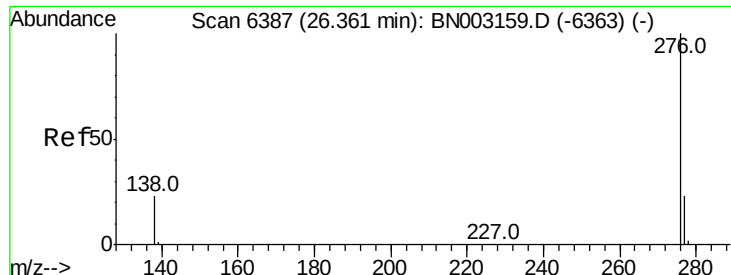
Dibenzo(a,h)anthracene
Concen: 0.158 ng/ul
RT: 25.65 min Scan# 6176
Delta R.T. -0.03 min
Lab File: BN003161.D
Acq: 13 Oct 2018 04:18

Tgt Ion:278 Resp: 2740
Ion Ratio Lower Upper
278 100
139 36.3 20.2 30.4#
279 35.6 23.8 35.8



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(a,h,i)perylene

Concen: 0.500 ng/ul

RT: 26.34 min Scan# 6380

Delta R.T. -0.02 min

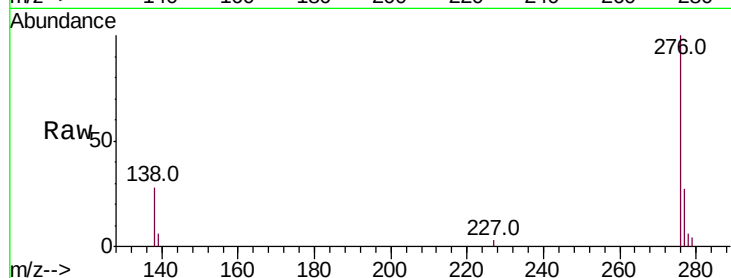
Lab File: BN003161.D

Acq: 13 Oct 2018 04:18

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 9130

Ion Ratio Lower Upper

276 100

138 28.1 23.0 34.4

277 27.1 22.0 33.0

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

