

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
 Data File : BN003014.D
 Acq On : 09 Oct 2018 07:15
 Operator : MJ/SJ
 Sample : J5116-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 09 08:57:19 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 : Tue Oct 09 08:56:18 2018
 Response via : Initial Calibration

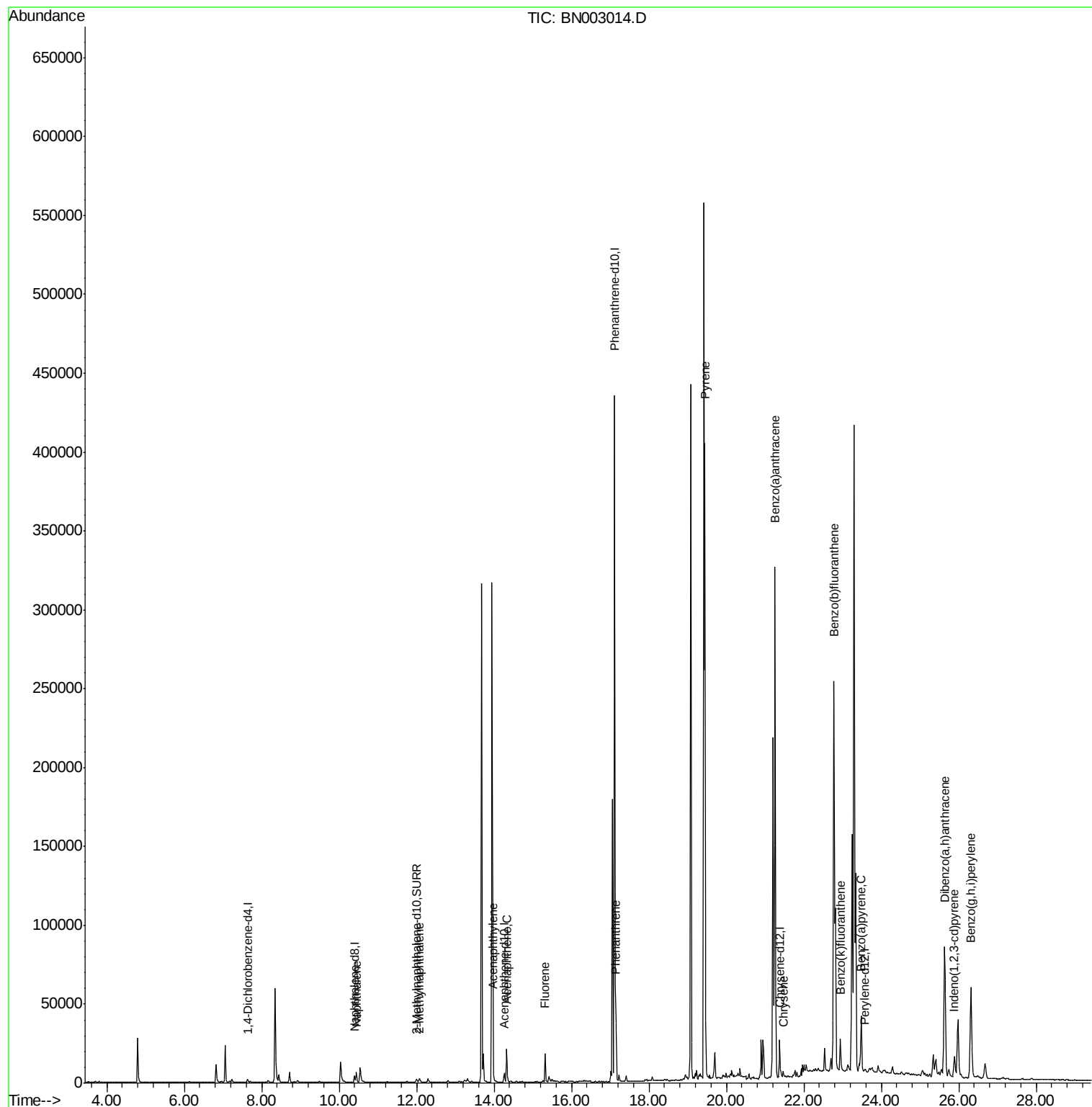
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1178	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	5184	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3245	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	494838	0.40	ng/ul	0.08
16) Chrysene-d12	21.39	240	117	0.40	ng/ul	0.15
20) Perylene-d12	23.57	264	745	0.40	ng/ul	0.11
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3004	0.37	ng/ul	-0.03
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	9042	0.680	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	2137	0.233	ng/ul	95
7) Acenaphthylene	13.98	152	3301	0.222	ng/ul	96
8) Acenaphthene	14.32	153	12386	1.099	ng/ul	98
9) Fluorene	15.32	166	11800	0.914	ng/ul	98
12) Phenanthrene	17.15	178	41727	0.030	ng/ul	98
17) Pyrene	19.45	202	328258	722.363	ng/ul	96
18) Benzo(a)anthracene	21.26	228	304001	807.424	ng/ul	97
19) Chrysene	21.47	228	933	2.440	ng/ul#	1
21) Benzo(b)fluoranthene	22.77	252	476992	177.781	ng/ul	92
22) Benzo(k)fluoranthene	22.94	252	25502	9.169	ng/ul#	71
23) Benzo(a)pyrene	23.48	252	44210	18.386	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.89	276	4995	1.808	ng/ul#	49
25) Dibenzo(a,h)anthracene	25.64	278	29082	13.149	ng/ul	93
26) Benzo(g,h,i)perylene	26.31	276	105086	45.102	ng/ul	93

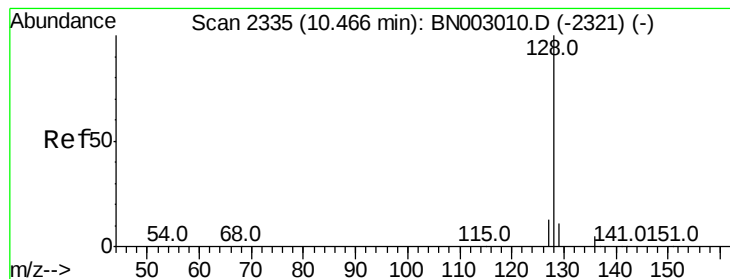
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.680 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003014.D

Acq: 09 Oct 2018 07:15

Instrument :

BNA_N

ClientSampleId :

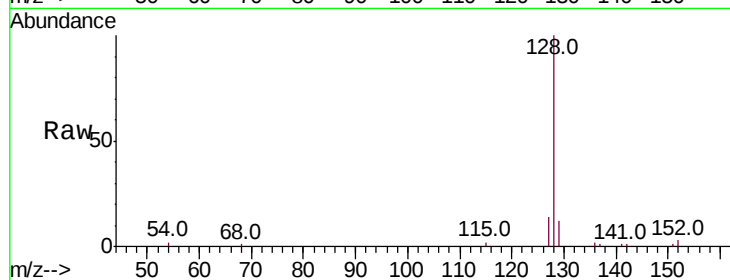
Tot Ion:128 Resp: 9042

Ion Ratio Lower Upper

128 100

129 12.4 10.4 15.6

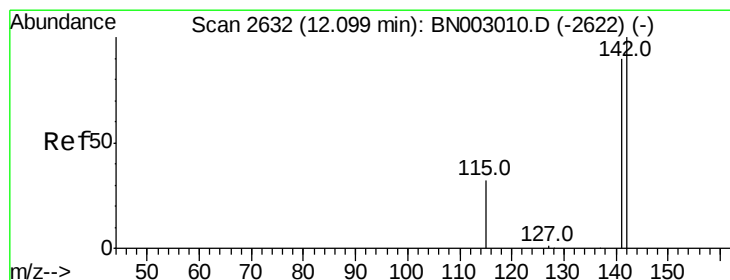
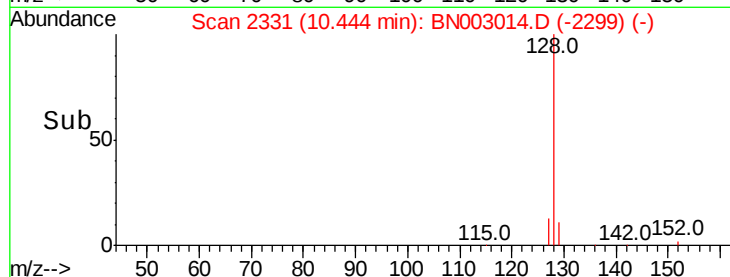
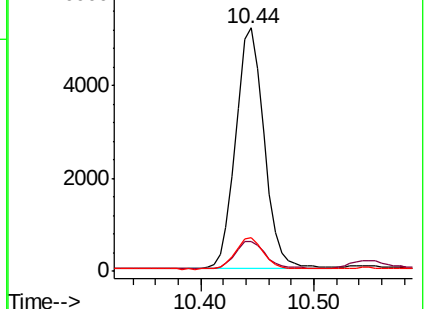
127 13.6 11.7 17.5



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: 0.233 ng/ul

RT: 12.07 min Scan# 2627

Delta R.T. -0.03 min

Lab File: BN003014.D

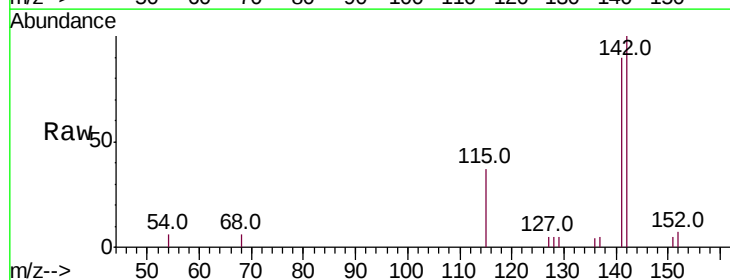
Acq: 09 Oct 2018 07:15

Tgt Ion:142 Resp: 2137

Ion Ratio Lower Upper

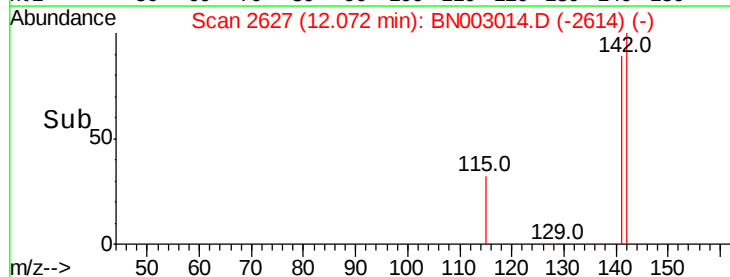
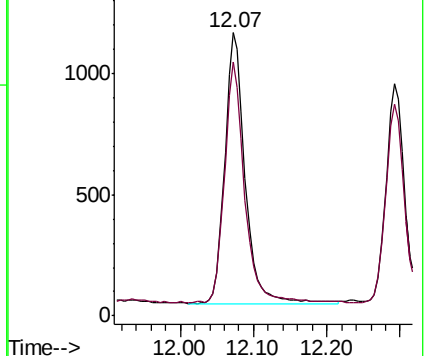
142 100

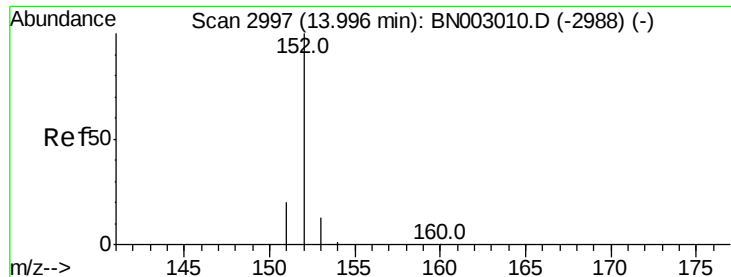
141 87.3 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.222 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003014.D

Acq: 09 Oct 2018 07:15

Instrument :

BNA_N

ClientSampled :

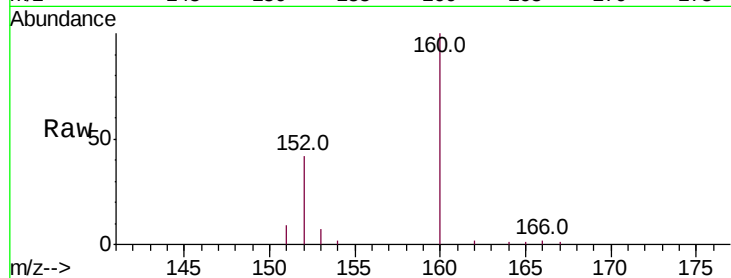
Tot Ion:152 Resp: 3301

Ion Ratio Lower Upper

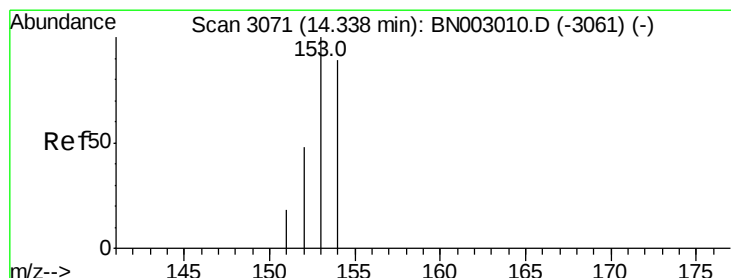
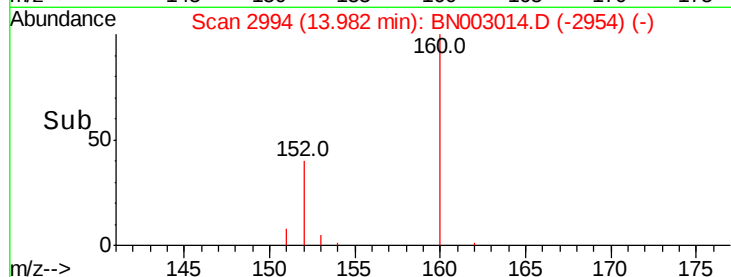
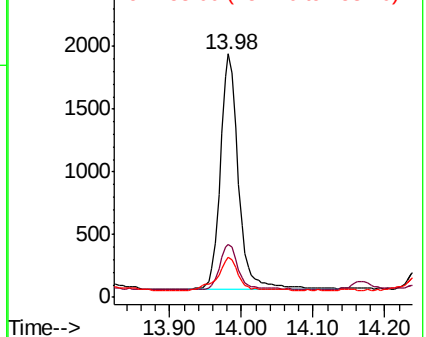
152 100

151 21.9 16.5 24.7

153 16.2 11.4 17.2



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



#8

Acenaphthene

Concen: 1.099 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003014.D

Acq: 09 Oct 2018 07:15

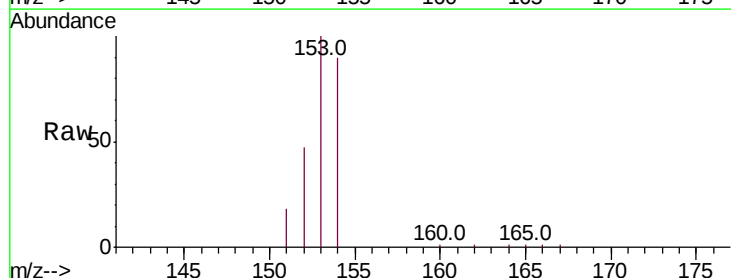
Tgt Ion:153 Resp: 12386

Ion Ratio Lower Upper

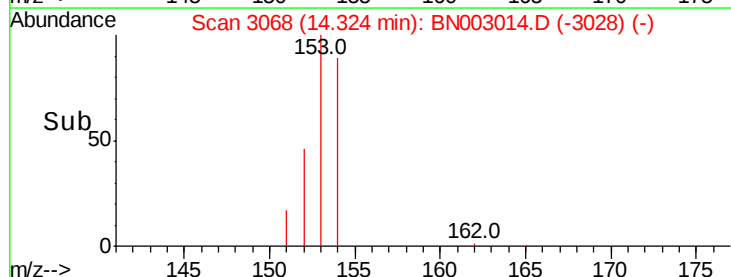
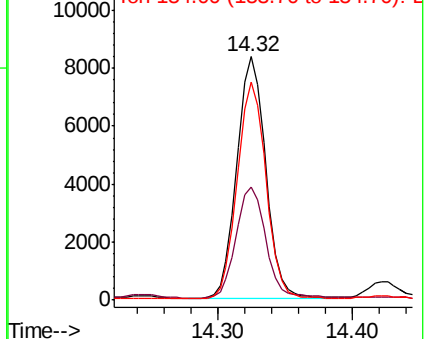
153 100

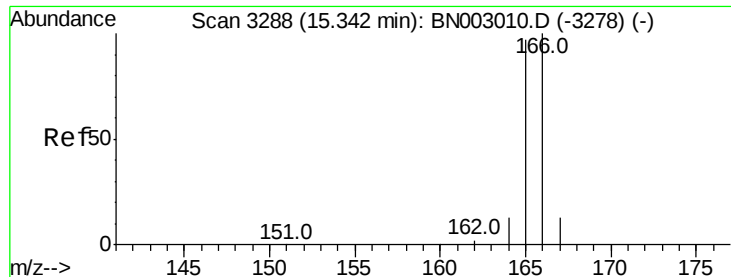
152 46.6 38.2 57.4

154 89.5 70.2 105.2



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





#9

Fluorene

Concen: 0.914 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003014.D

Acq: 09 Oct 2018 07:15

Instrument :

BNA_N

ClientSampleId :

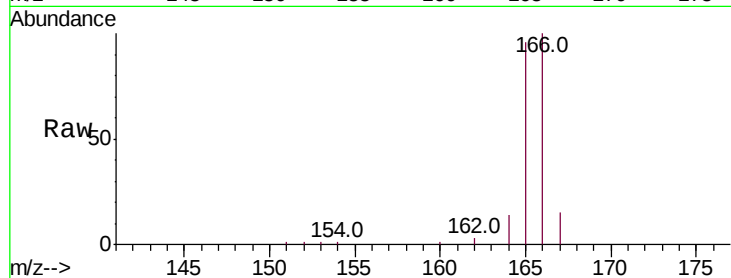
Tot Ion:166 Resp: 11800

Ion Ratio Lower Upper

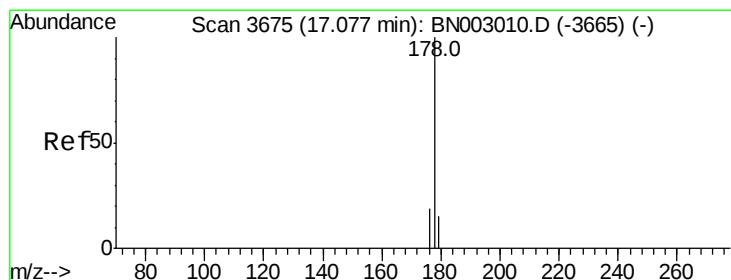
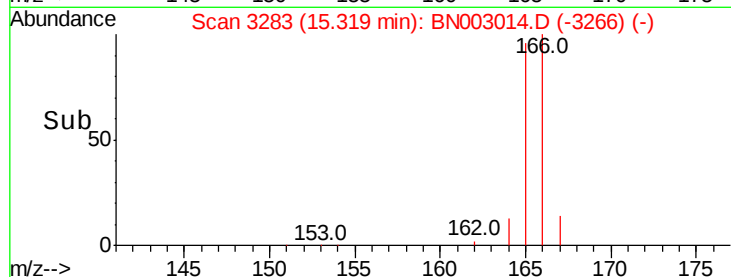
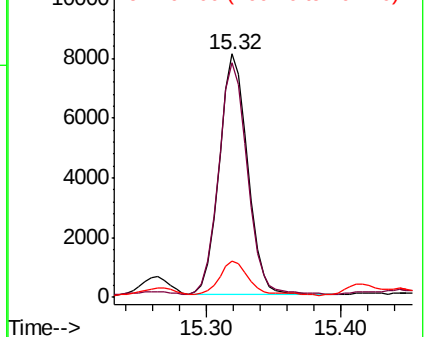
166 100

165 96.5 78.5 117.7

167 14.7 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: 0.030 ng/ul

RT: 17.15 min Scan# 3692

Delta R.T. 0.07 min

Lab File: BN003014.D

Acq: 09 Oct 2018 07:15

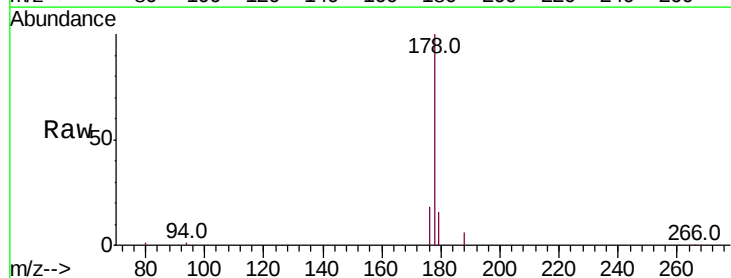
Tgt Ion:178 Resp: 41727

Ion Ratio Lower Upper

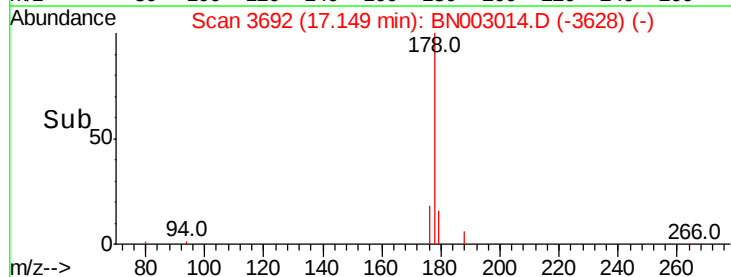
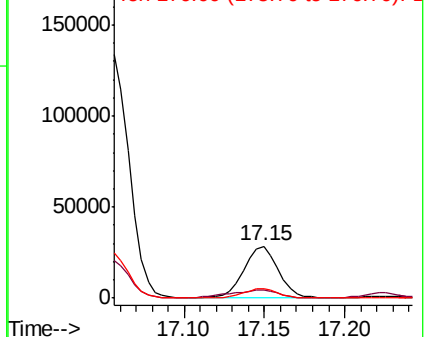
178 100

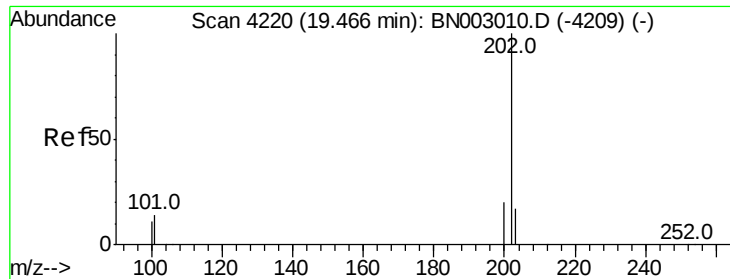
179 16.3 12.9 19.3

176 17.9 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

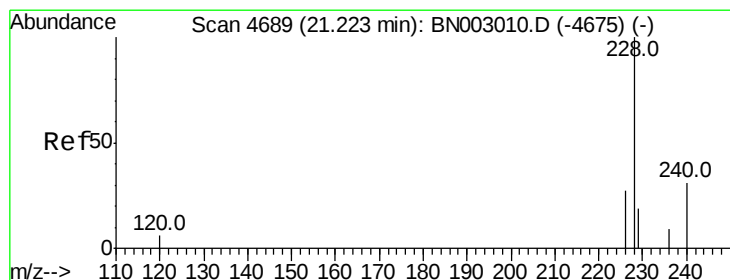
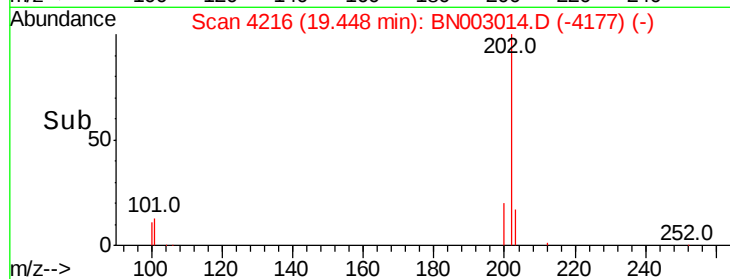
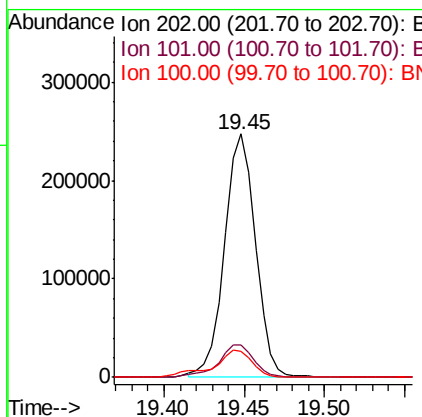
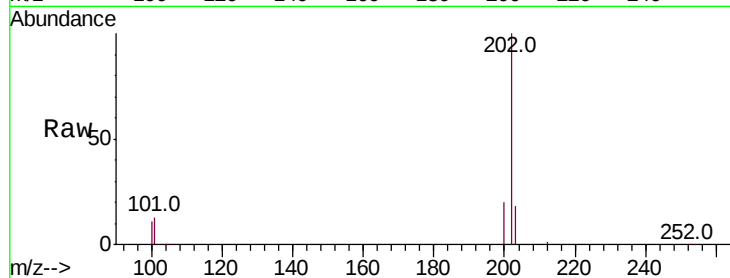




#17
Pvrene
Concen: 722.363 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.02 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

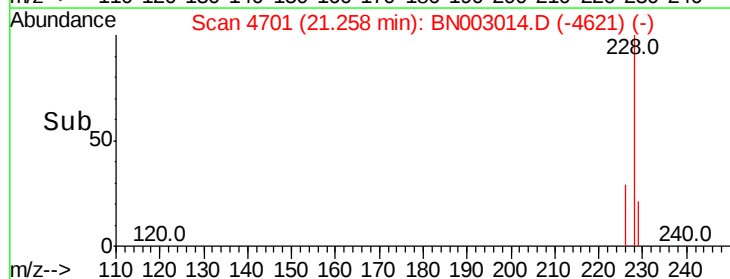
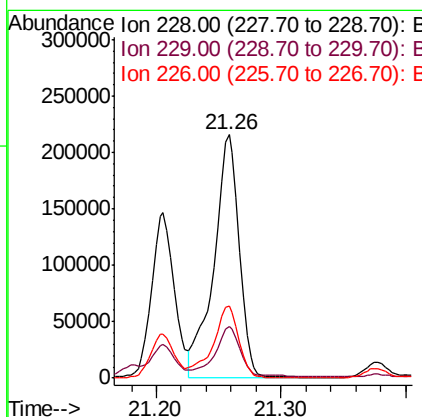
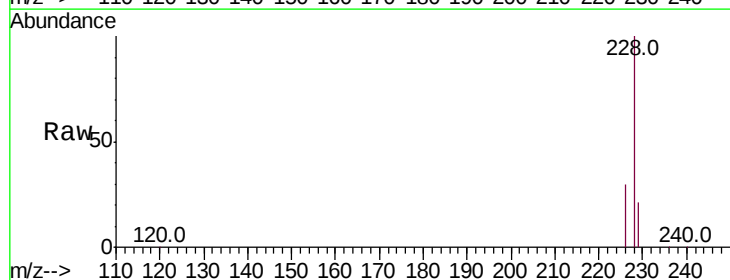
Instrument :
BNA_N
ClientSampleId :

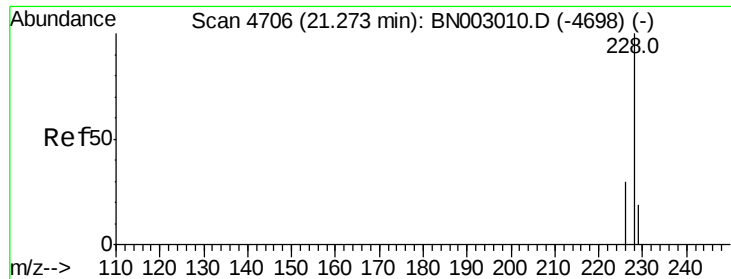
Tot Ion:202 Resp: 328258
Ion Ratio Lower Upper
202 100
101 13.5 11.9 17.9
100 10.8 9.9 14.9



#18
Benzo(a)anthracene
Concen: 807.424 ng/ul
RT: 21.26 min Scan# 4701
Delta R.T. 0.04 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:228 Resp: 304001
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.2
226 29.5 22.3 33.5





#19

Chrysene

Concen: 2.440 ng/ul

RT: 21.47 min Scan# 4772

Delta R.T. 0.19 min

Lab File: BN003014.D

Acq: 09 Oct 2018 07:15

Instrument :

BNA_N

ClientSampleId :

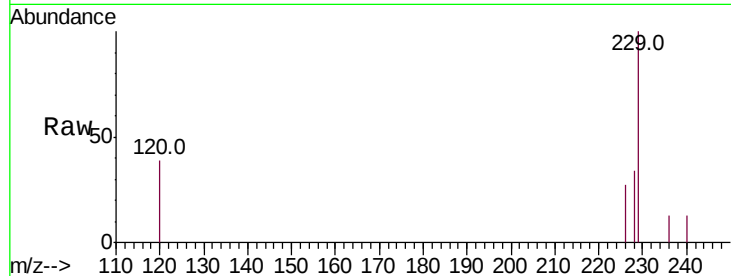
Tot Ion:228 Resp: 933

Ion Ratio Lower Upper

228 100

226 80.0 24.2 36.4#

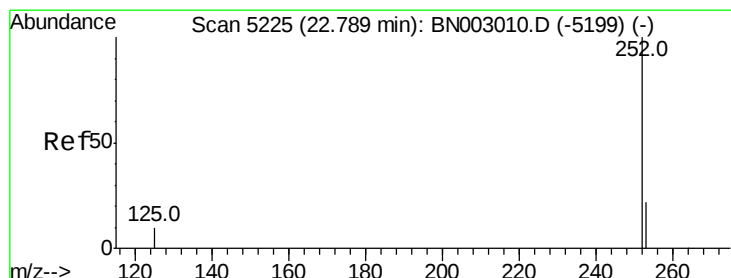
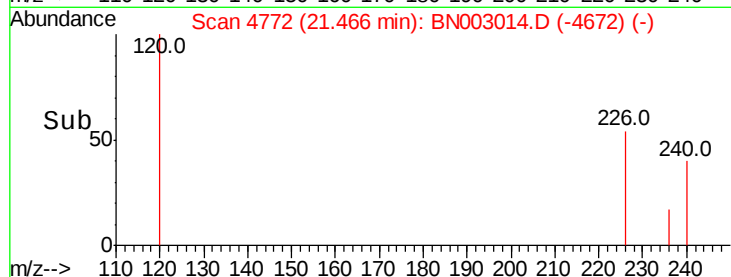
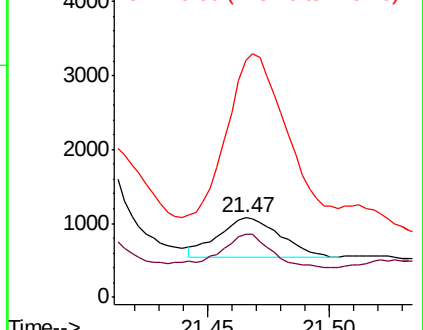
229 297.9 16.7 25.1#



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: 177.781 ng/ul

RT: 22.77 min Scan# 5220

Delta R.T. -0.01 min

Lab File: BN003014.D

Acq: 09 Oct 2018 07:15

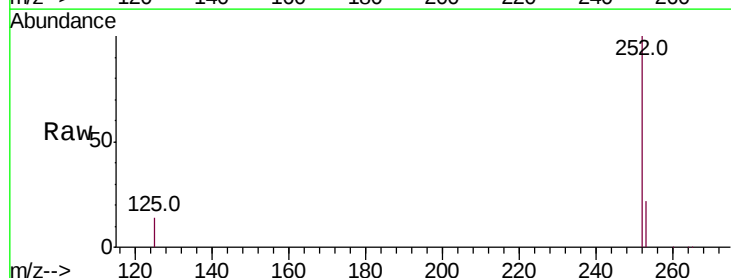
Tgt Ion:252 Resp: 476992

Ion Ratio Lower Upper

252 100

253 22.4 0.0 53.2

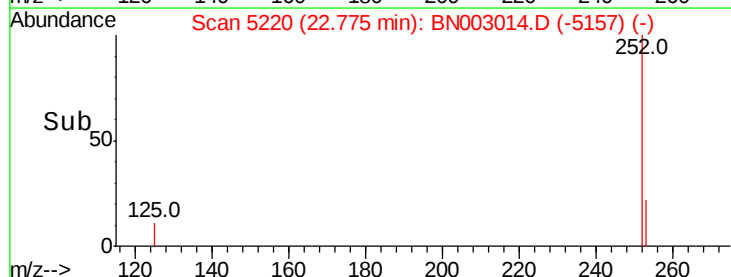
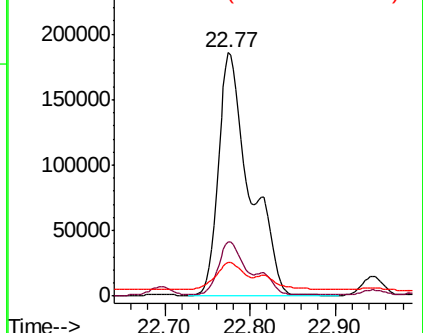
125 13.8 0.0 34.2

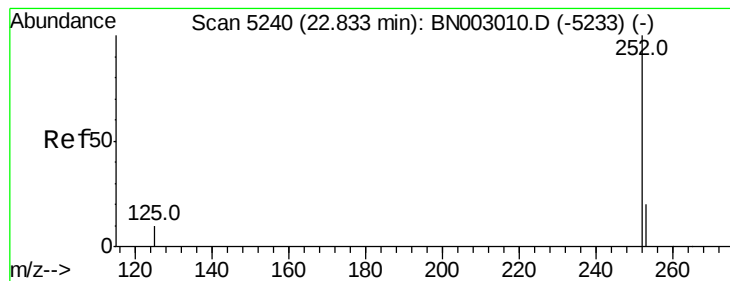


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 9.169 ng/ul

RT: 22.94 min Scan# 5278

Delta R.T. 0.11 min

Lab File: BN003014.D

Acq: 09 Oct 2018 07:15

Instrument :

BNA_N

ClientSampleId :

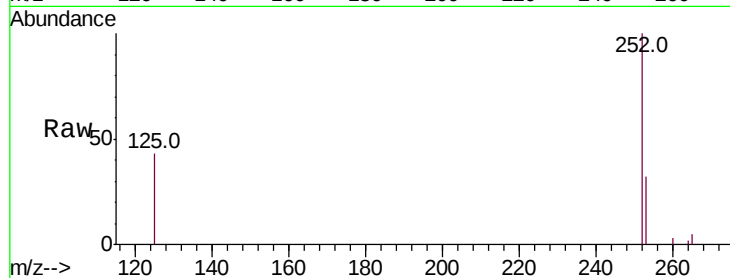
Tot Ion:252 Resp: 25502

Ion Ratio Lower Upper

252 100

253 31.6 21.3 31.9

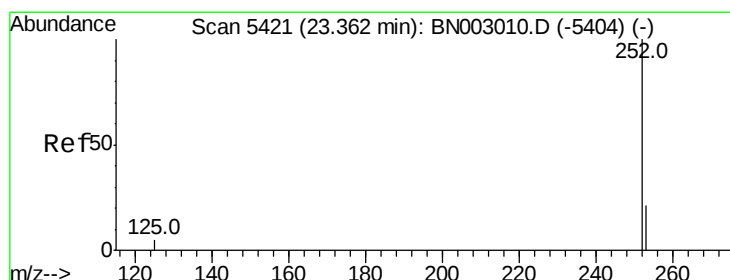
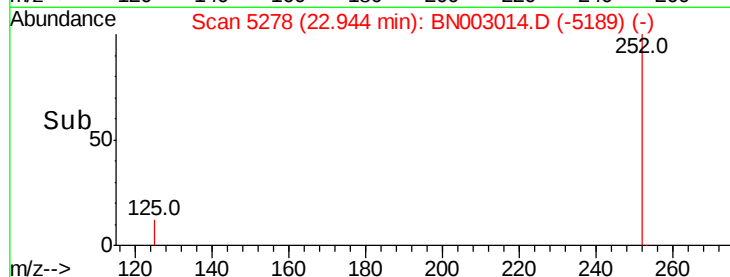
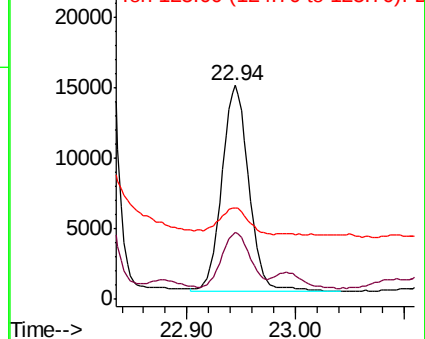
125 42.8 14.1 21.1#



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: 18.386 ng/ul

RT: 23.48 min Scan# 5462

Delta R.T. 0.12 min

Lab File: BN003014.D

Acq: 09 Oct 2018 07:15

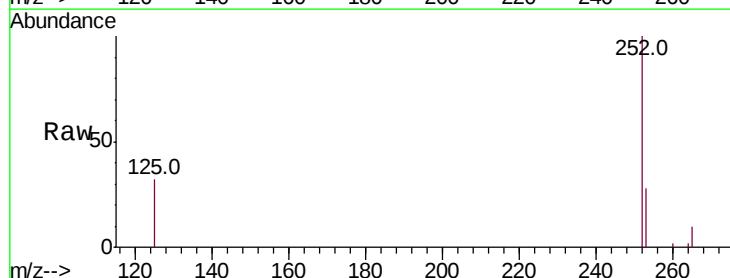
Tgt Ion:252 Resp: 44210

Ion Ratio Lower Upper

252 100

253 28.3 23.1 34.7

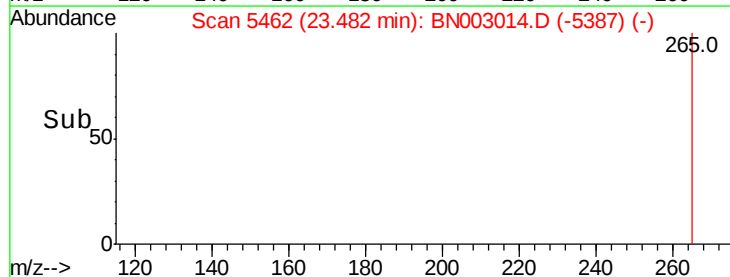
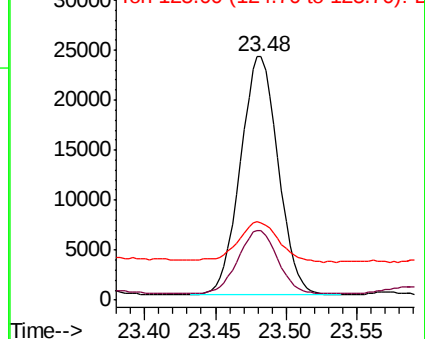
125 31.9 16.9 25.3#

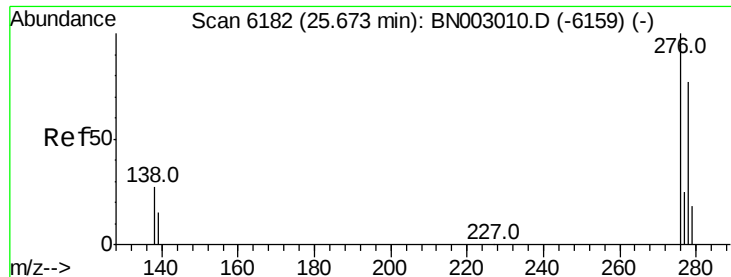


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



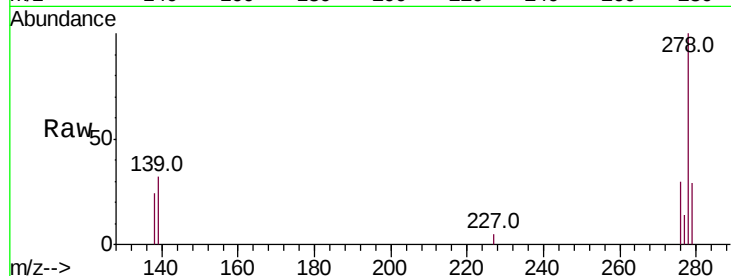


#24

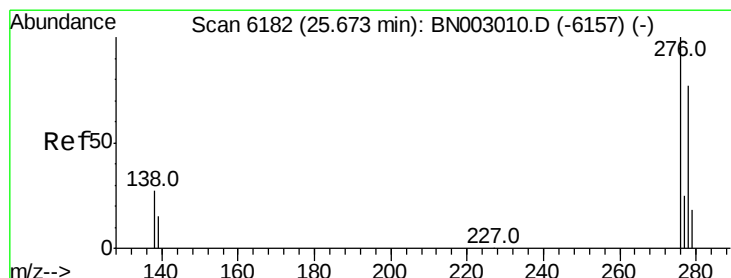
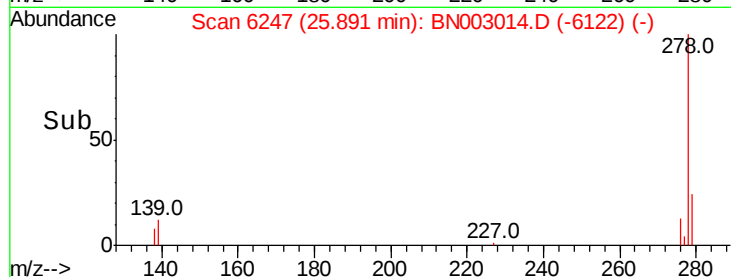
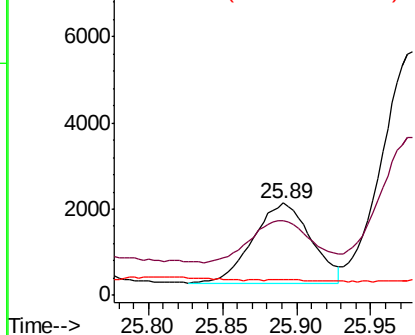
Indeno(1,2,3-cd)pyrene
Concen: 1.808 ng/ul
RT: 25.89 min Scan# 6247
Delta R.T. 0.22 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 4995
Ion Ratio Lower Upper
276 100
138 53.8 21.5 32.3#
227 1.4 0.3 0.5#



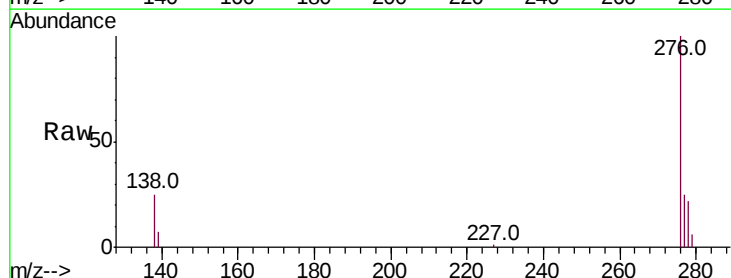
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



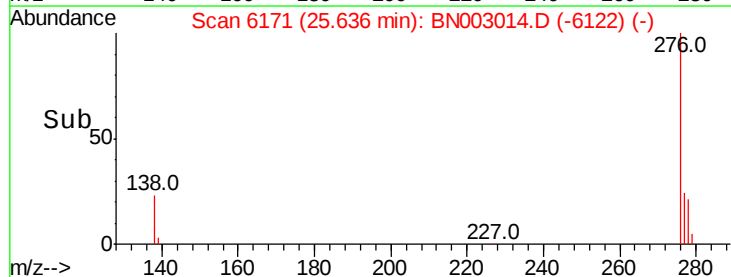
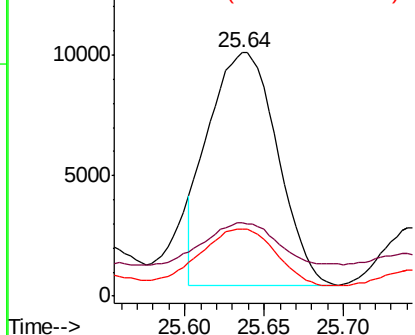
#25

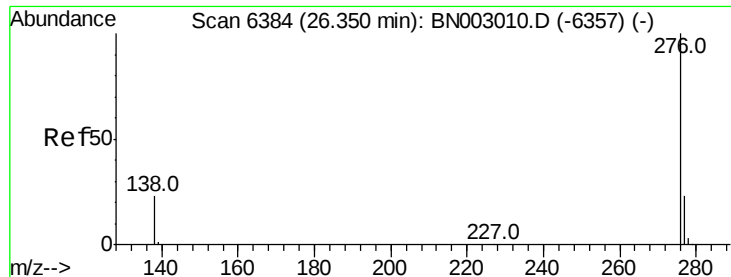
Dibenzo(a,h)anthracene
Concen: 13.149 ng/ul
RT: 25.64 min Scan# 6171
Delta R.T. -0.04 min
Lab File: BN003014.D
Acq: 09 Oct 2018 07:15

Tgt Ion:278 Resp: 29082
Ion Ratio Lower Upper
278 100
139 29.9 20.2 30.4
279 27.4 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: 45.102 ng/ul

RT: 26.31 min Scan# 6373

Delta R.T. -0.04 min

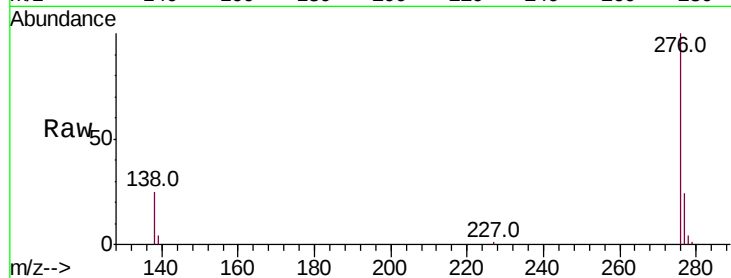
Lab File: BN003014.D

Acq: 09 Oct 2018 07:15

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 105086

Ion Ratio Lower Upper

276 100

138 24.9 23.0 34.4

277 24.1 22.0 33.0

