

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
 Data File : BN003015.D
 Acq On : 09 Oct 2018 07:50
 Operator : MJ/SJ
 Sample : J5115-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 09 08:57:25 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

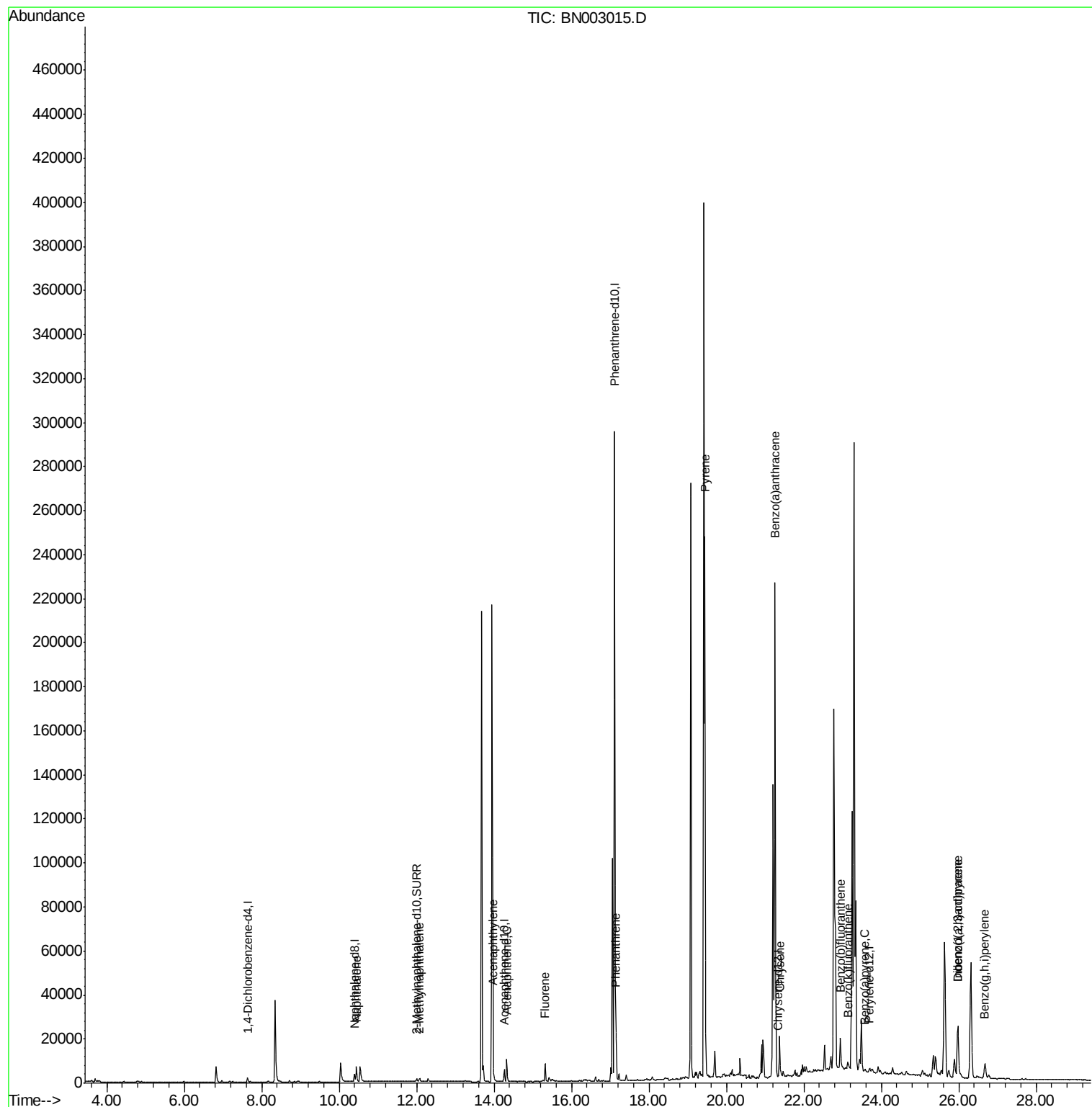
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1158	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	5130	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3104	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	347970	0.40	ng/ul	0.08
16) Chrysene-d12	21.34	240	32	0.40	ng/ul	0.11
20) Perylene-d12	23.70	264	750	0.40	ng/ul	0.24
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1996	0.25	ng/ul	-0.02
14) Fluoranthene-d10	19.16	212	139	0.00	ng/ul	0.09
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	3243	0.246	ng/ul	97
5) 2-Methylnaphthalene	12.08	142	1458	0.161	ng/ul	95
7) Acenaphthylene	13.98	152	2498	0.176	ng/ul#	93
8) Acenaphthene	14.32	153	6017	0.558	ng/ul	99
9) Fluorene	15.32	166	5740	0.465	ng/ul	99
12) Phenanthrene	17.15	178	23117	0.024	ng/ul	98
17) Pyrene	19.45	202	204708	1647.065	ng/ul	96
18) Benzo(a)anthracene	21.26	228	220655	2142.774	ng/ul	97
19) Chrysene	21.38	228	13399	128.140	ng/ul#	61
21) Benzo(b)fluoranthene	22.94	252	17079	6.323	ng/ul#	60
22) Benzo(k)fluoranthene	23.13	252	2453	0.876	ng/ul#	1
23) Benzo(a)pyrene	23.58	252	431	0.178	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.97	276	10336	3.716	ng/ul#	45
25) Dibenzo(a,h)anthracene	25.97	278	35872	16.110	ng/ul	93
26) Benzo(g,h,i)perylene	26.68	276	12708	5.418	ng/ul#	88

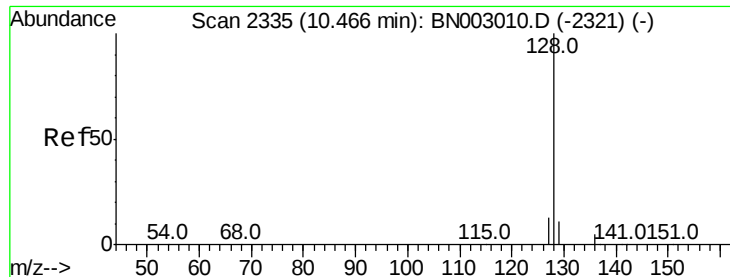
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.246 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.02 min

Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

Instrument :

BNA_N

ClientSampleId :

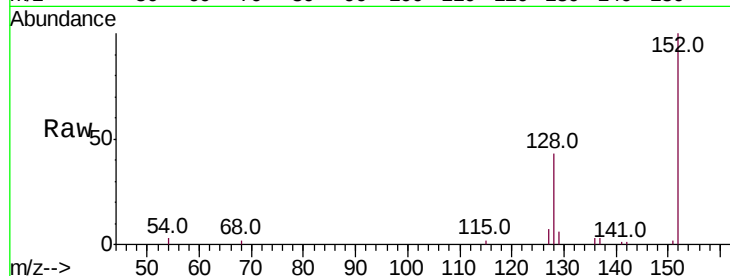
Tot Ion:128 Resp: 3243

Ion Ratio Lower Upper

128 100

129 14.3 10.4 15.6

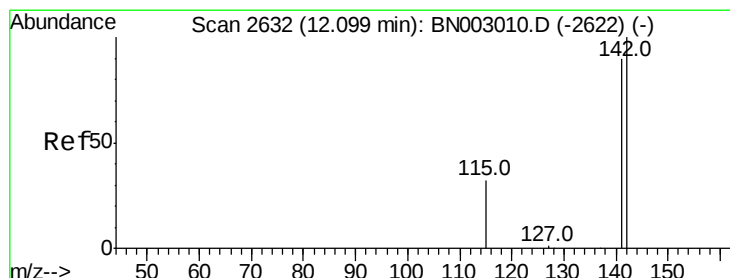
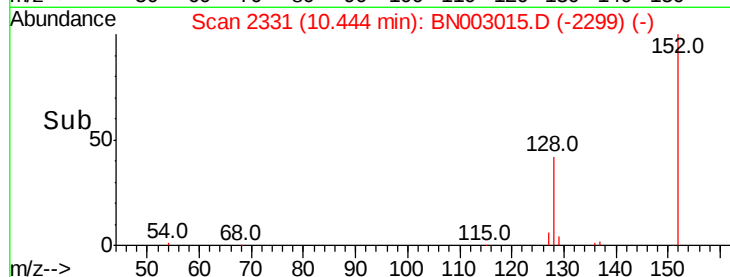
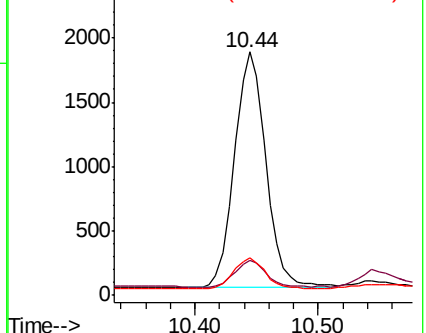
127 15.5 11.7 17.5



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: 0.161 ng/ul

RT: 12.08 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BN003015.D

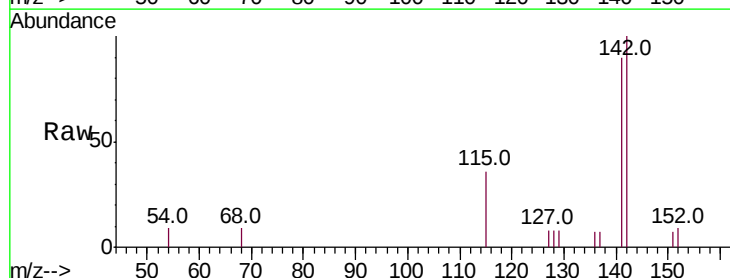
Acq: 09 Oct 2018 07:50

Tgt Ion:142 Resp: 1458

Ion Ratio Lower Upper

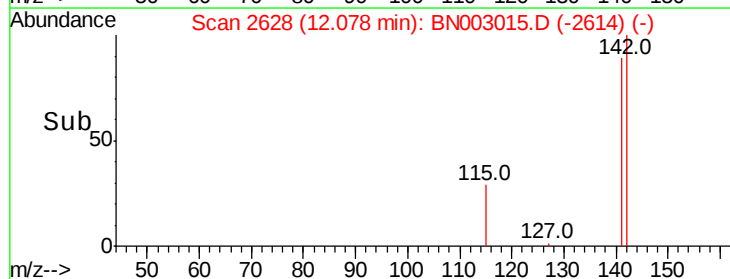
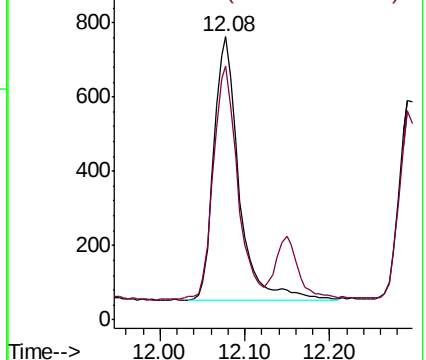
142 100

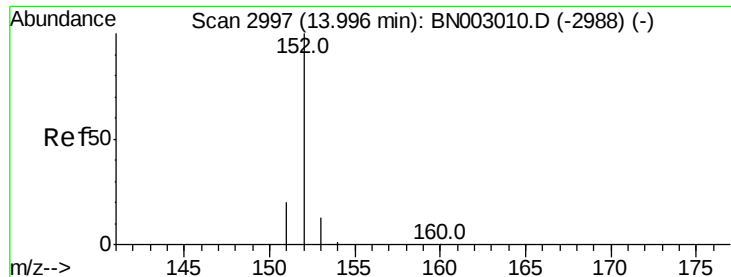
141 86.7 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.176 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

Instrument :

BNA_N

ClientSampleId :

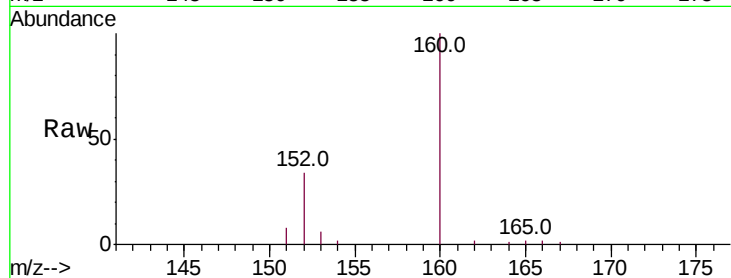
Tot Ion:152 Resp: 2498

Ion Ratio Lower Upper

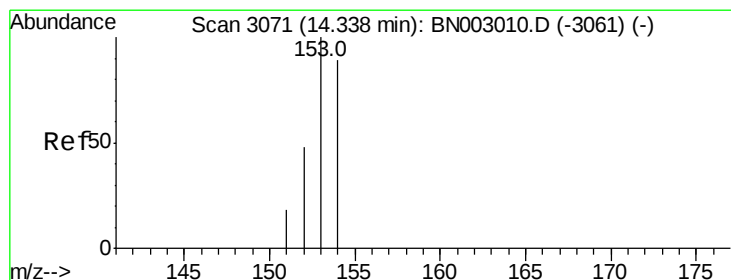
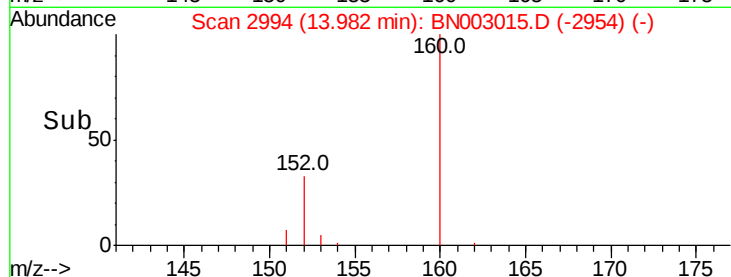
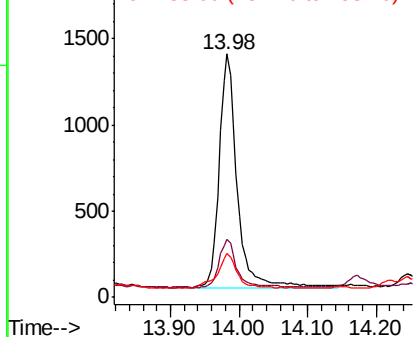
152 100

151 23.7 16.5 24.7

153 17.8 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: 0.558 ng/ul

RT: 14.32 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

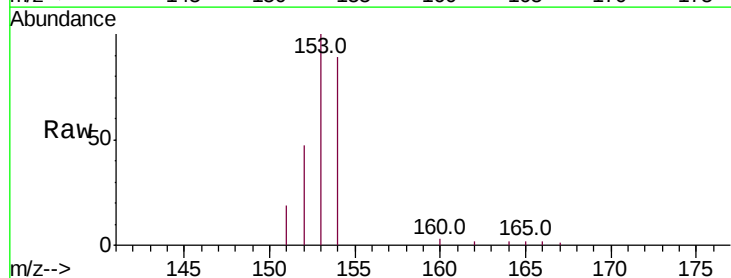
Tgt Ion:153 Resp: 6017

Ion Ratio Lower Upper

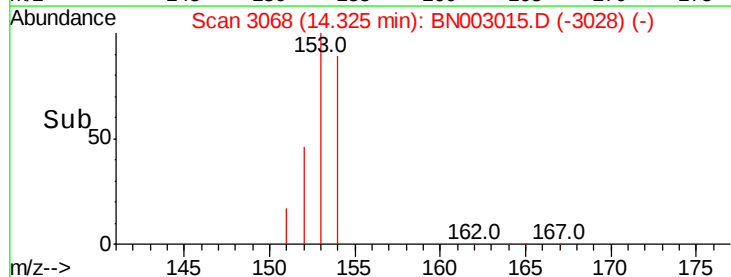
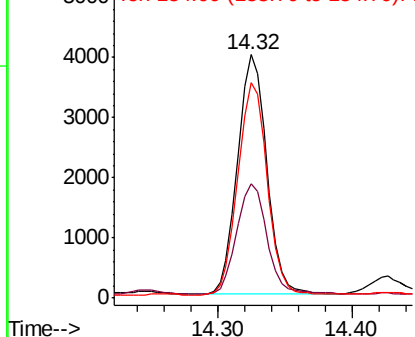
153 100

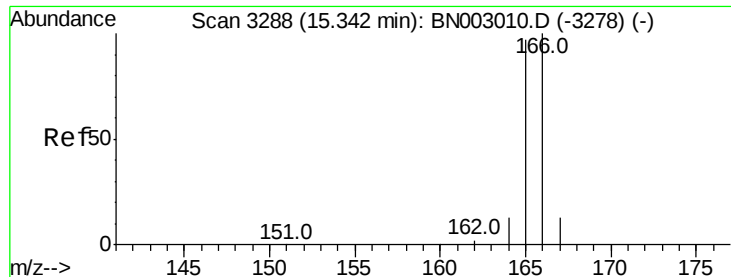
152 47.1 38.2 57.4

154 88.6 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: 0.465 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.02 min

Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

Instrument :

BNA_N

ClientSampleId :

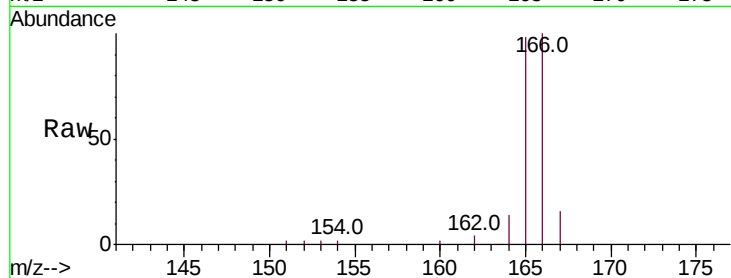
Tot Ion:166 Resp: 5740

Ion Ratio Lower Upper

166 100

165 98.4 78.5 117.7

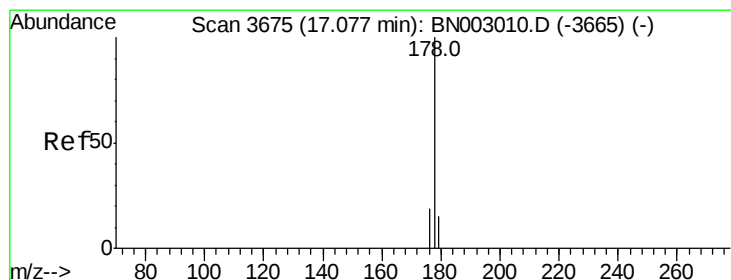
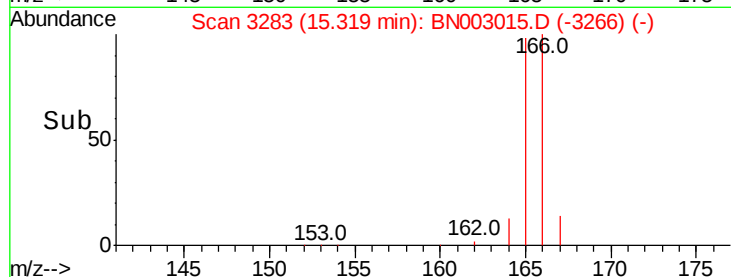
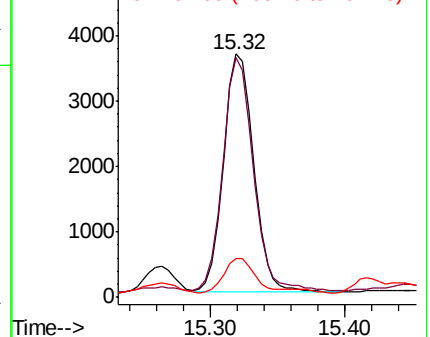
167 15.7 11.6 17.4



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: 0.024 ng/ul

RT: 17.15 min Scan# 3692

Delta R.T. 0.07 min

Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

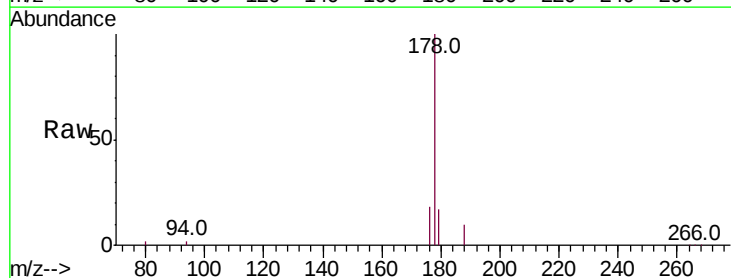
Tgt Ion:178 Resp: 23117

Ion Ratio Lower Upper

178 100

179 16.8 12.9 19.3

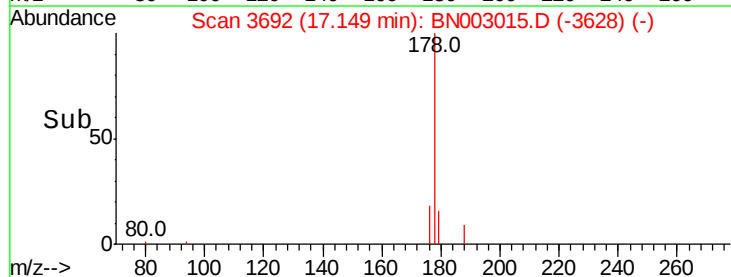
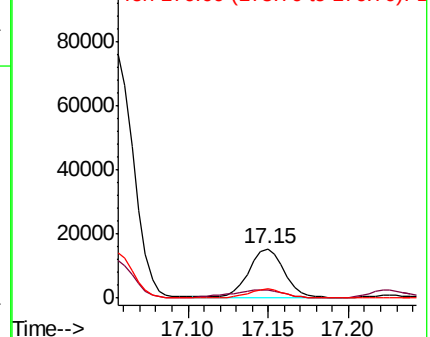
176 18.3 15.4 23.2

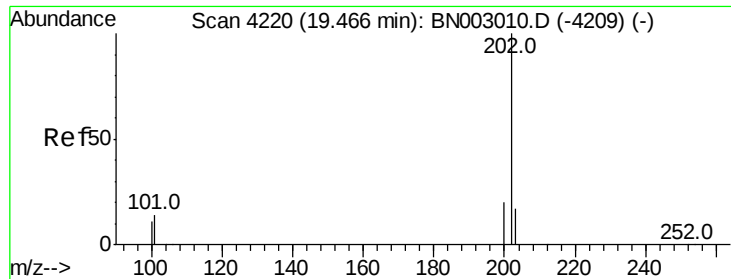


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#17

Pvrene

Concen: 1647.065 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.02 min

Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

Instrument :

BNA_N

ClientSampleId :

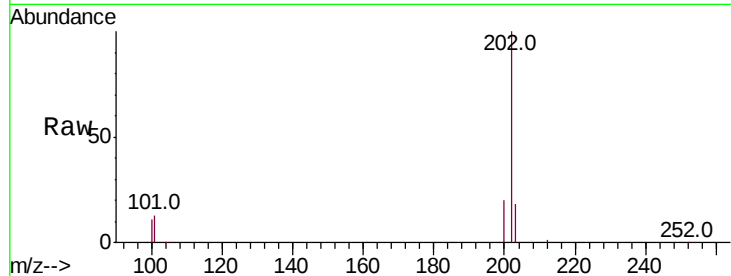
Tot Ion:202 Resp: 204708

Ion Ratio Lower Upper

202 100

101 13.3 11.9 17.9

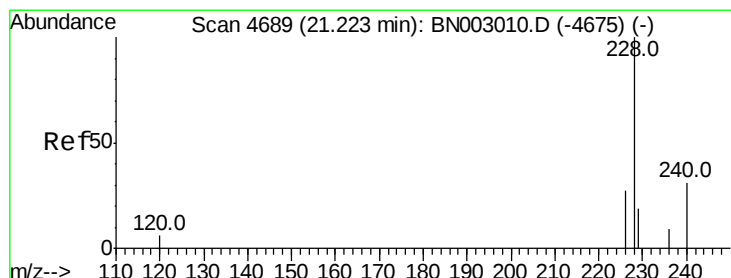
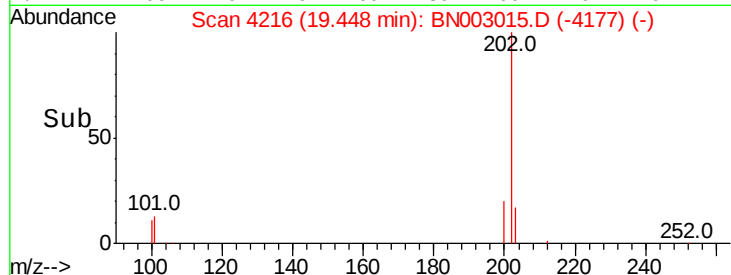
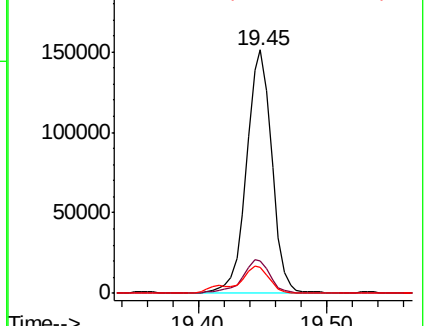
100 10.6 9.9 14.9



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): E



#18

Benzo(a)anthracene

Concen: 2142.774 ng/ul

RT: 21.26 min Scan# 4701

Delta R.T. 0.04 min

Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

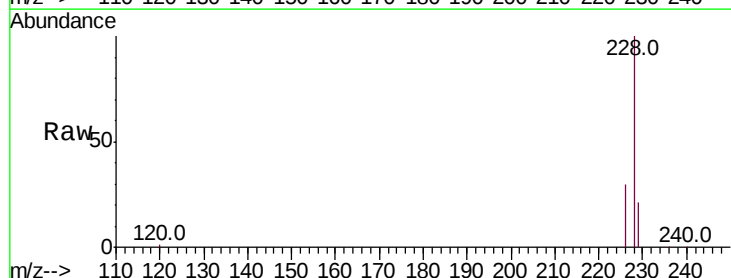
Tgt Ion:228 Resp: 220655

Ion Ratio Lower Upper

228 100

229 21.1 16.2 24.2

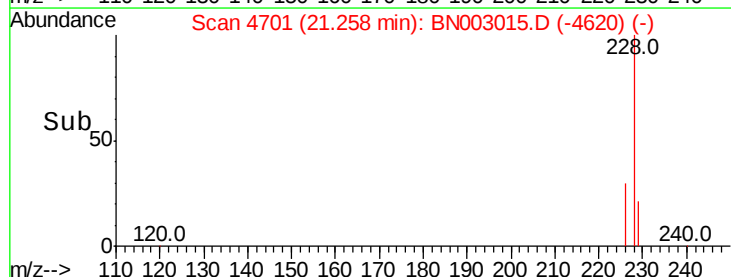
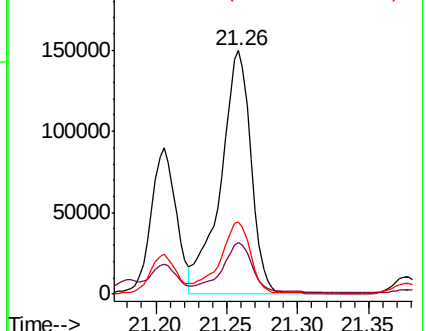
226 29.8 22.3 33.5

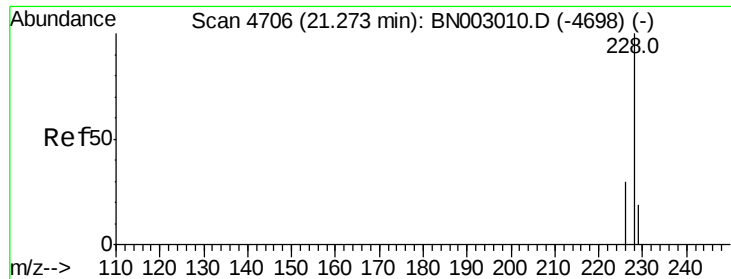


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 128.140 ng/ul

RT: 21.38 min Scan# 4741

Delta R.T. 0.10 min

Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

Instrument :

BNA_N

ClientSampled :

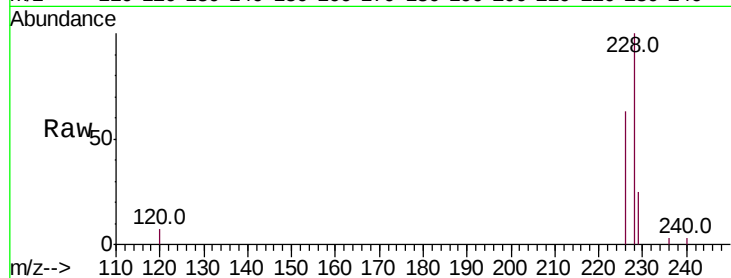
Tot Ion:228 Resp: 13399

Ion Ratio Lower Upper

228 100

226 63.1 24.2 36.4#

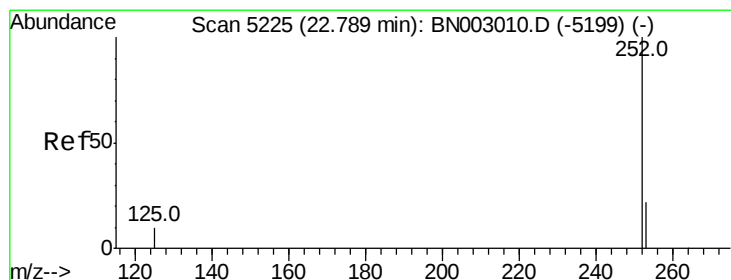
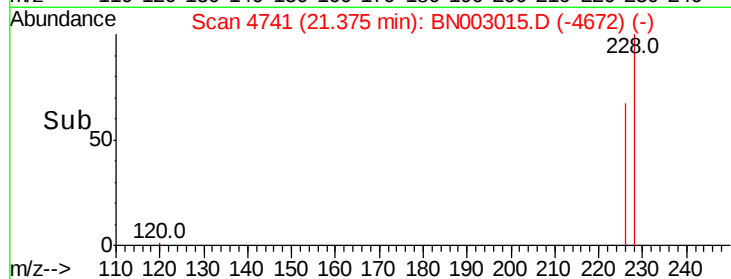
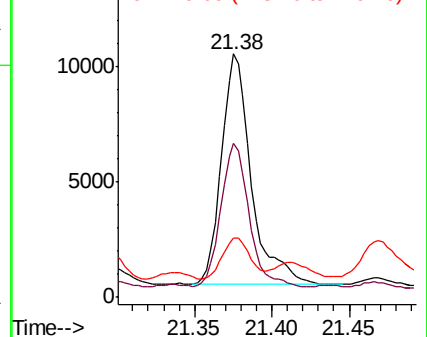
229 24.6 16.7 25.1



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: 6.323 ng/ul

RT: 22.94 min Scan# 5278

Delta R.T. 0.16 min

Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

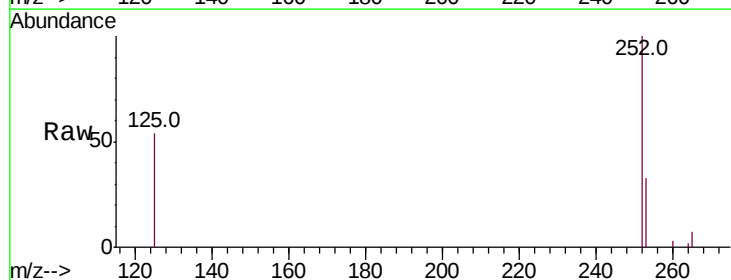
Tgt Ion:252 Resp: 17079

Ion Ratio Lower Upper

252 100

253 32.8 0.0 53.2

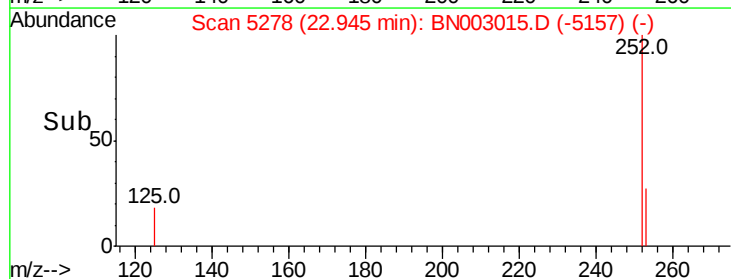
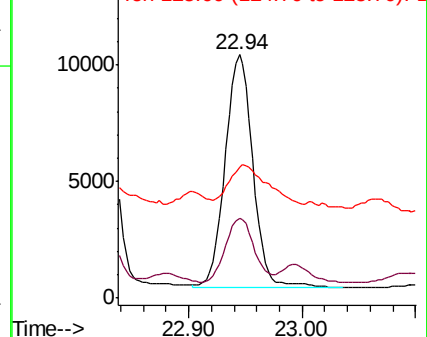
125 53.8 0.0 34.2#

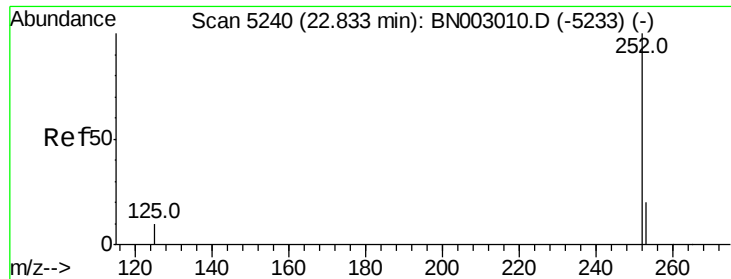


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.876 ng/ul

RT: 23.13 min Scan# 5343

Delta R.T. 0.30 min

Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

Instrument :

BNA_N

ClientSampleId :

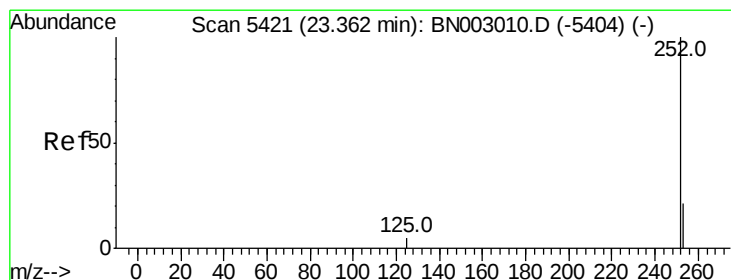
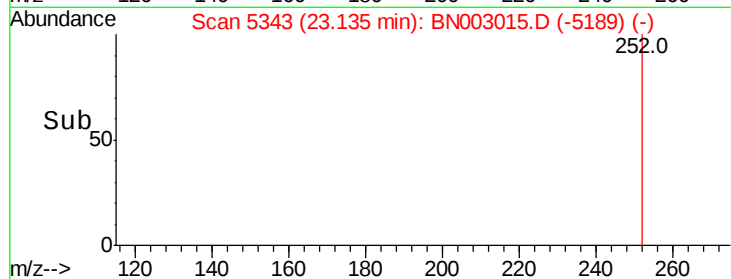
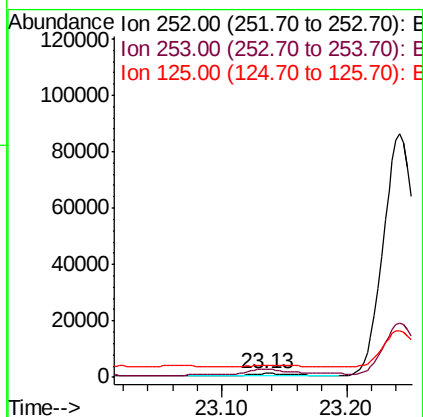
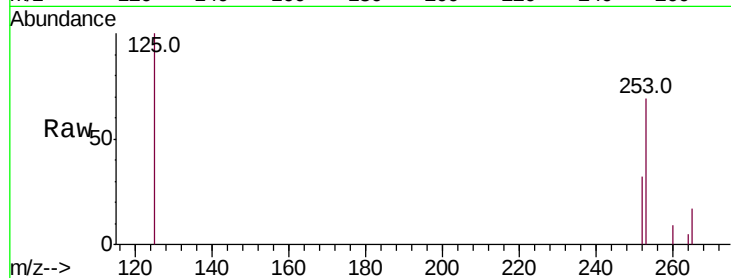
Tot Ion:252 Resp: 2453

Ion Ratio Lower Upper

252 100

253 215.1 21.3 31.9#

125 313.0 14.1 21.1#



#23

Benzo(a)pyrene

Concen: 0.178 ng/ul

RT: 23.58 min Scan# 5494

Delta R.T. 0.21 min

Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

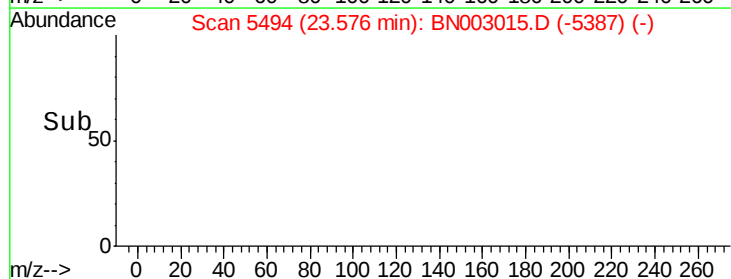
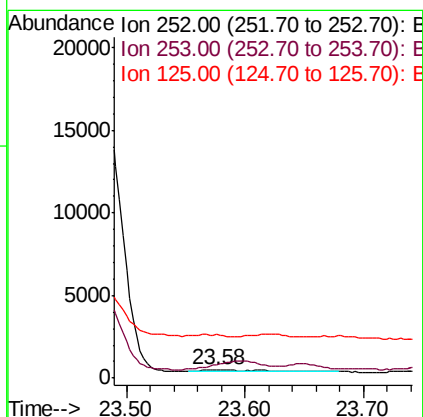
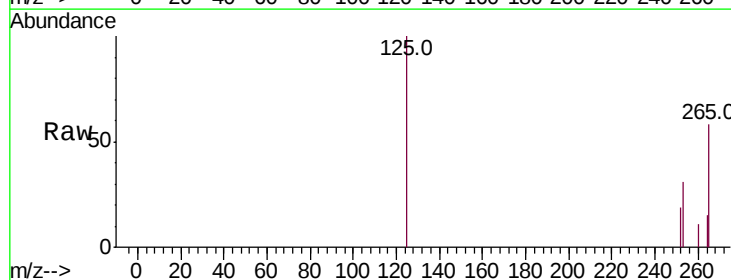
Tgt Ion:252 Resp: 431

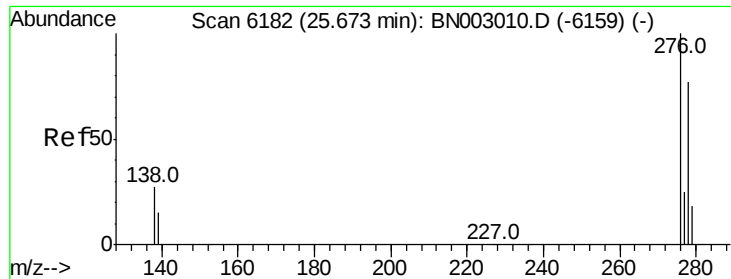
Ion Ratio Lower Upper

252 100

253 165.0 23.1 34.7#

125 531.4 16.9 25.3#

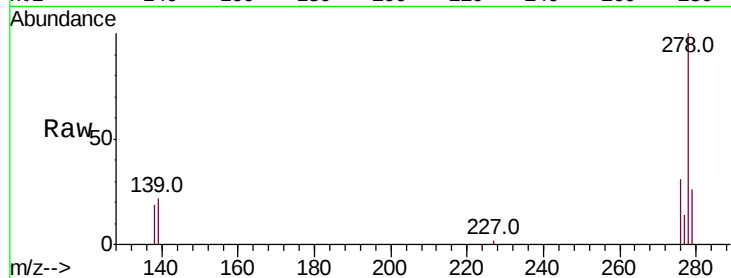




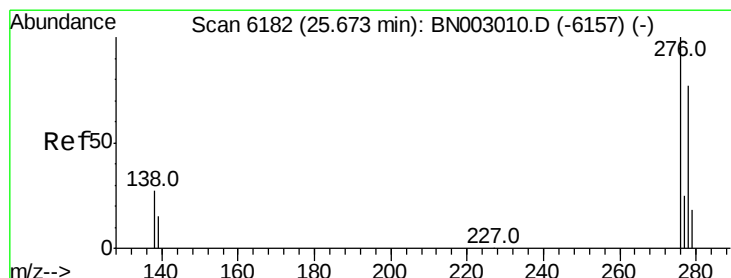
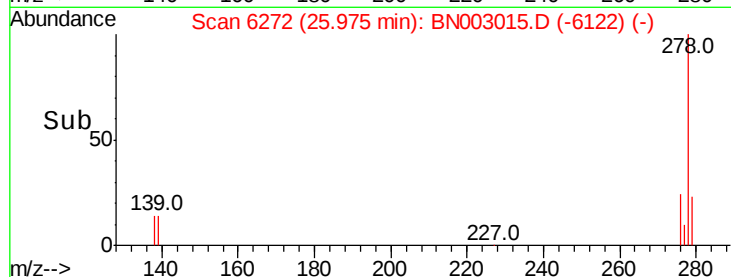
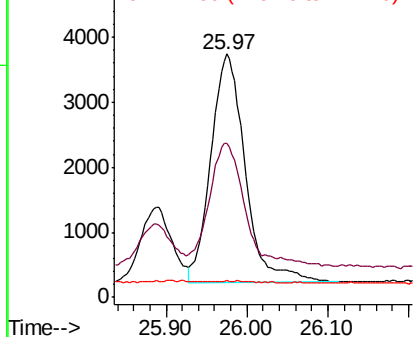
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 3.716 ng/ul
 RT: 25.97 min Scan# 6272
 Delta R.T. 0.30 min
 Lab File: BN003015.D
 Acq: 09 Oct 2018 07:50

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 10336
 Ion Ratio Lower Upper
 276 100
 138 56.0 21.5 32.3#
 227 0.2 0.3 0.5#

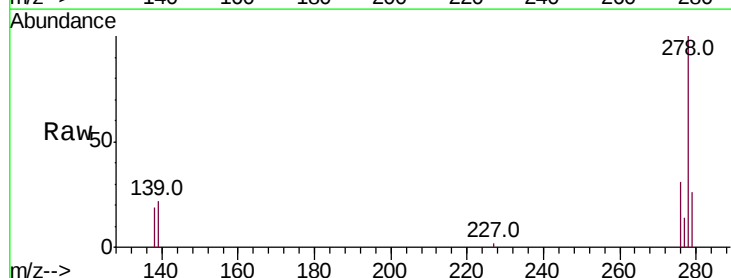


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

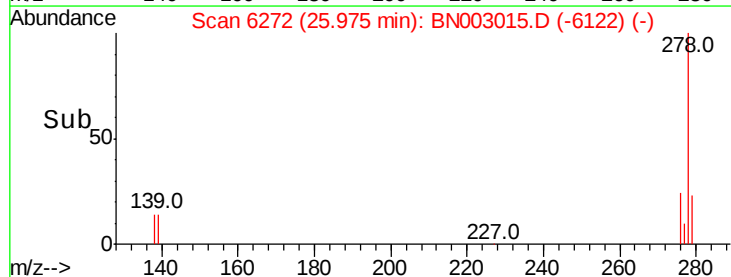
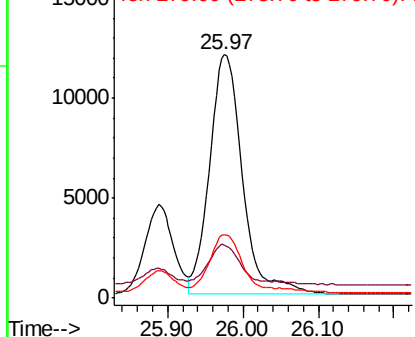


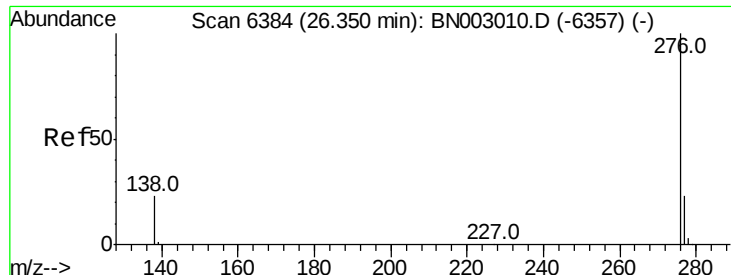
#25
 Dibenzo(a,h)anthracene
 Concen: 16.110 ng/ul
 RT: 25.97 min Scan# 6272
 Delta R.T. 0.30 min
 Lab File: BN003015.D
 Acq: 09 Oct 2018 07:50

Tgt Ion:278 Resp: 35872
 Ion Ratio Lower Upper
 278 100
 139 21.7 20.2 30.4
 279 25.8 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: 5.418 ng/ul

RT: 26.68 min Scan# 6481

Delta R.T. 0.33 min

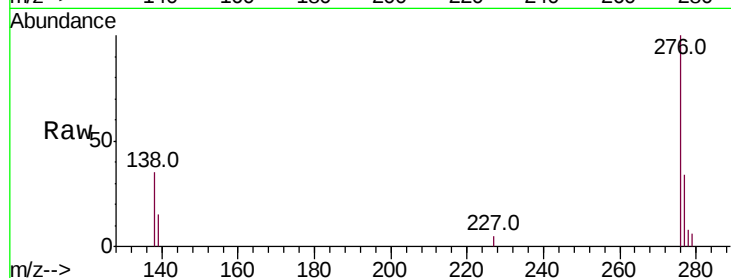
Lab File: BN003015.D

Acq: 09 Oct 2018 07:50

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 12708

Ion Ratio Lower Upper

276 100

138 34.7 23.0 34.4#

277 34.3 22.0 33.0#

