

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003115.D
 Acq On : 11 Oct 2018 22:22
 Operator : MJ/SJ
 Sample : J5368-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 05:37:58 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 : Fri Oct 12 05:29:36 2018
 Response via : Initial Calibration

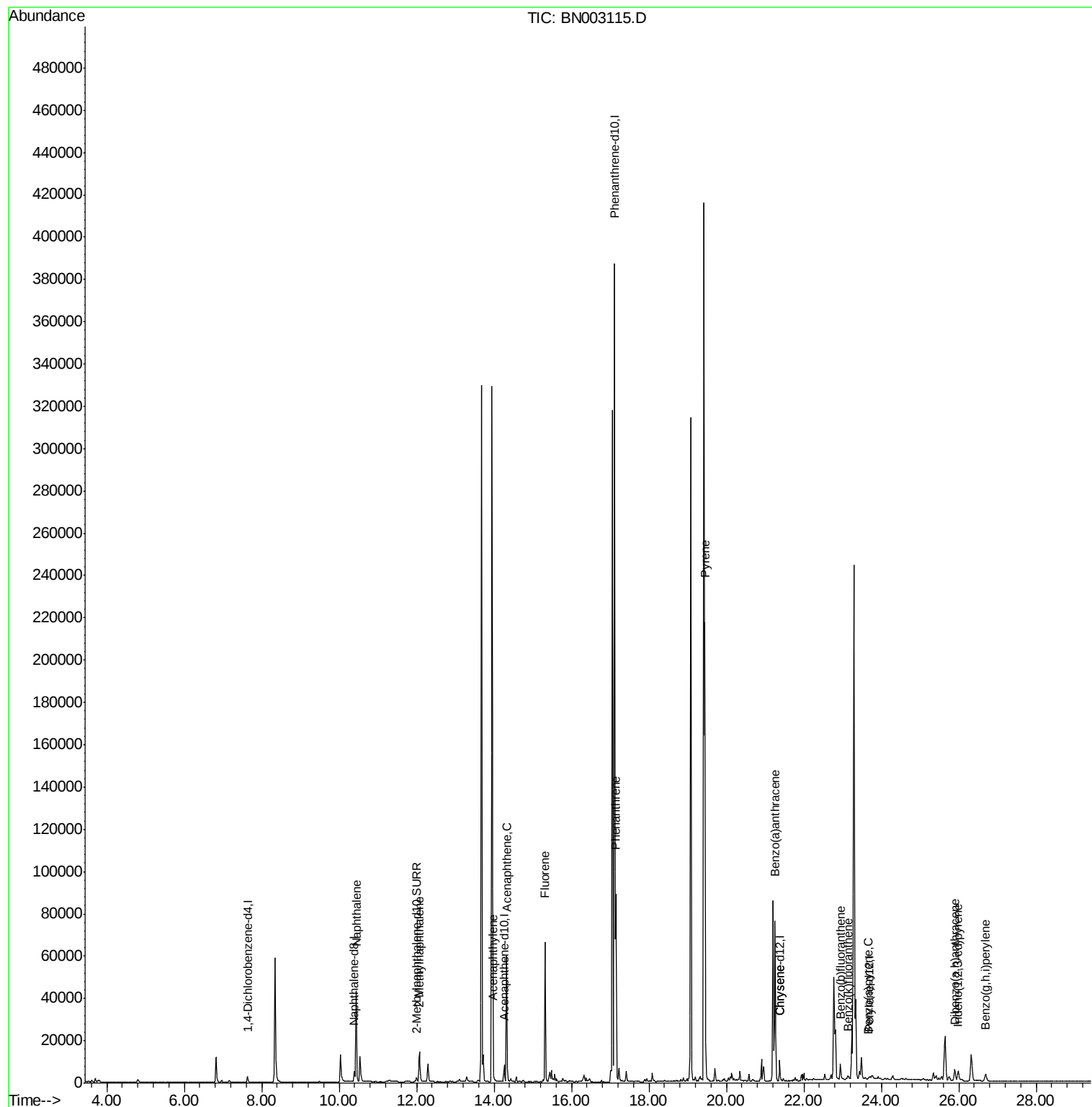
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1635	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7023	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4120	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	445282	0.40	ng/ul	0.08
16) Chrysene-d12	21.38	240	63	0.40	ng/ul	0.15
20) Perylene-d12	23.70	264	526	0.40	ng/ul	0.25
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3100	0.28	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	60959	3.382	ng/ul	95
5) 2-Methylnaphthalene	12.07	142	13258	1.069	ng/ul	98
7) Acenaphthylene	13.98	152	402	0.021	ng/ul#	36
8) Acenaphthene	14.32	153	35754	2.500	ng/ul	100
9) Fluorene	15.32	166	43478	2.654	ng/ul	98
12) Phenanthrene	17.15	178	92900	0.075	ng/ul	98
17) Pyrene	19.45	202	188049	768.522	ng/ul	96
18) Benzo(a)anthracene	21.26	228	71422	352.293	ng/ul	97
19) Chrysene	21.38	228	7390	35.898	ng/ul#	63
21) Benzo(b)fluoranthene	22.94	252	9074	4.790	ng/ul	91
22) Benzo(k)fluoranthene	23.14	252	1394	0.710	ng/ul#	1
23) Benzo(a)pyrene	23.66	252	81	0.048	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.98	276	2228	1.142	ng/ul#	57
25) Dibenzo(a,h)anthracene	25.90	278	7630	4.886	ng/ul	98
26) Benzo(g,h,i)perylene	26.70	276	6609	4.017	ng/ul#	92

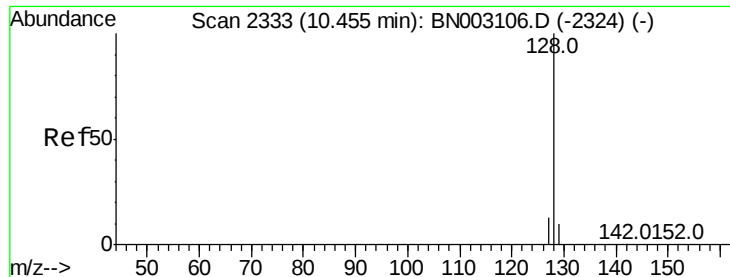
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 12 05:29:36 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 3.382 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003115.D

Acq: 11 Oct 2018 22:22

Instrument :

BNA_N

ClientSampleId :

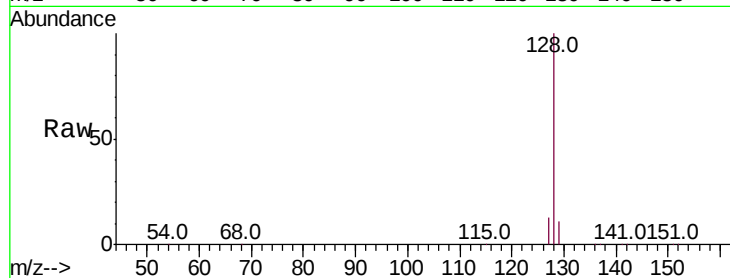
Tot Ion:128 Resp: 60959

Ion Ratio Lower Upper

128 100

129 10.9 10.4 15.6

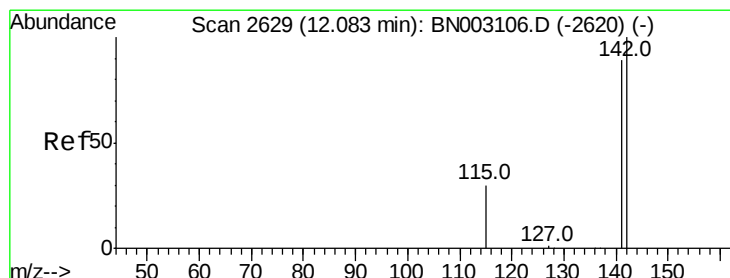
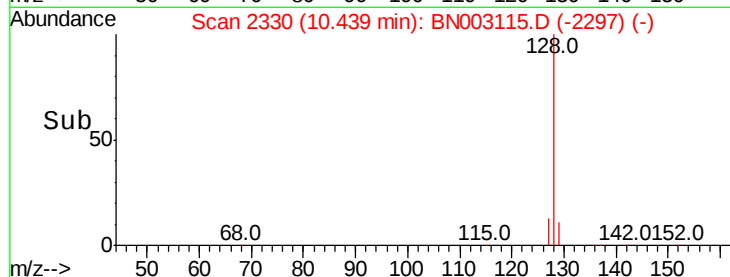
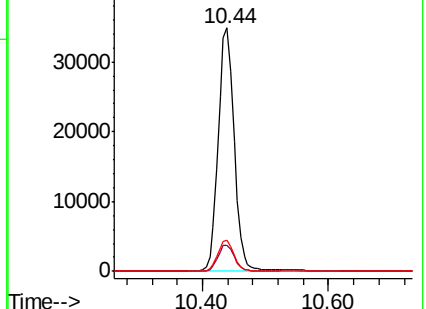
127 12.8 11.7 17.5



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: 1.069 ng/ul

RT: 12.07 min Scan# 2627

Delta R.T. -0.01 min

Lab File: BN003115.D

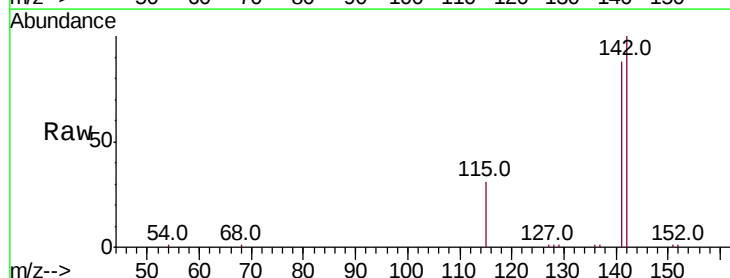
Acq: 11 Oct 2018 22:22

Tgt Ion:142 Resp: 13258

Ion Ratio Lower Upper

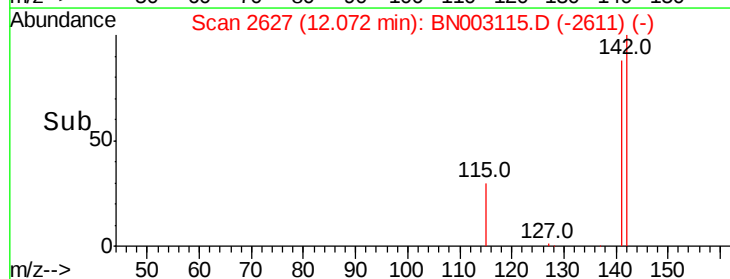
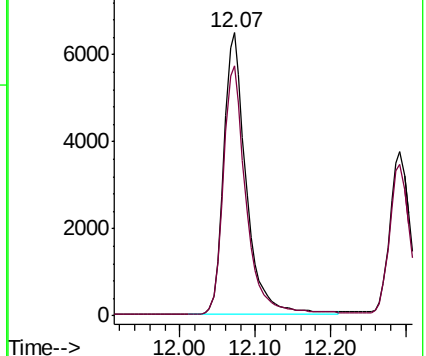
142 100

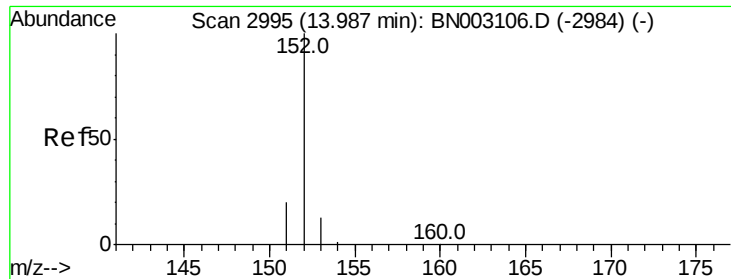
141 89.4 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.021 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN003115.D

Acq: 11 Oct 2018 22:22

Instrument :

BNA_N

ClientSampleId :

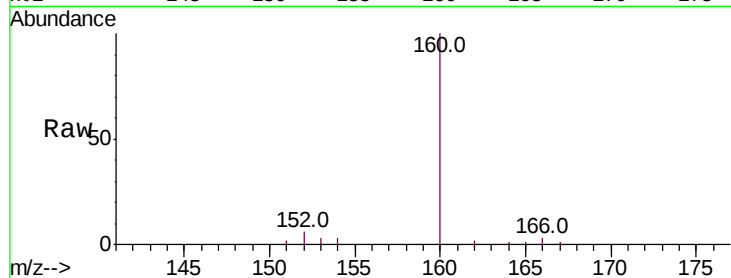
Tot Ion:152 Resp: 402

Ion Ratio Lower Upper

152 100

151 40.1 16.5 24.7#

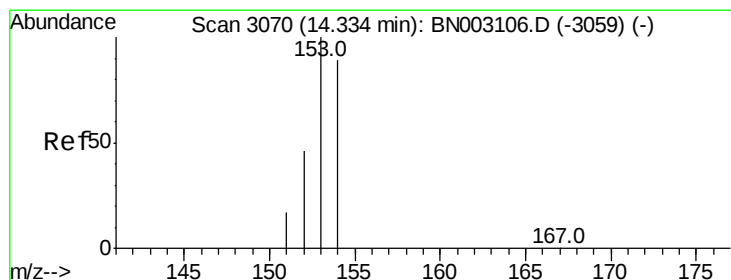
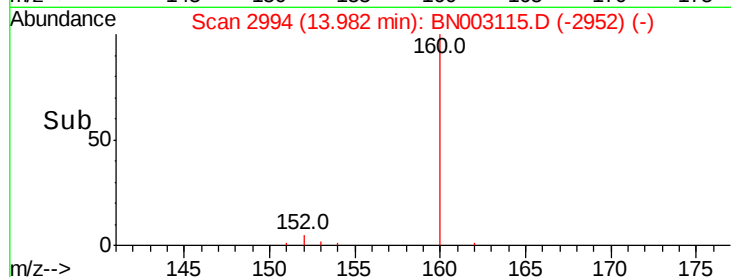
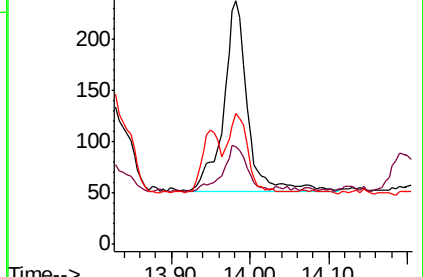
153 54.0 11.4 17.2#



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: 2.500 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN003115.D

Acq: 11 Oct 2018 22:22

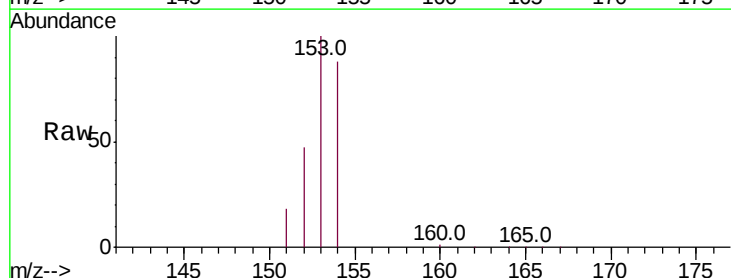
Tgt Ion:153 Resp: 35754

Ion Ratio Lower Upper

153 100

152 47.4 38.2 57.4

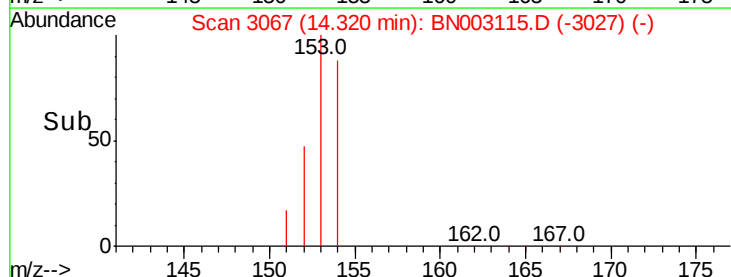
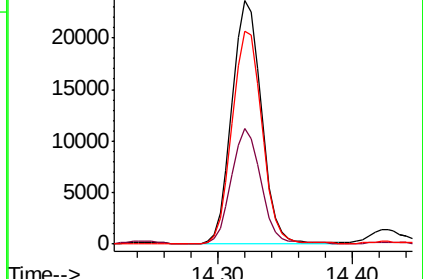
154 87.7 70.2 105.2

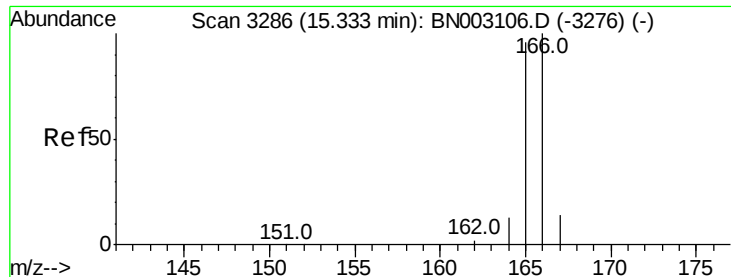


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 2.654 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.01 min

Lab File: BN003115.D

Acq: 11 Oct 2018 22:22

Instrument :

BNA_N

ClientSampleId :

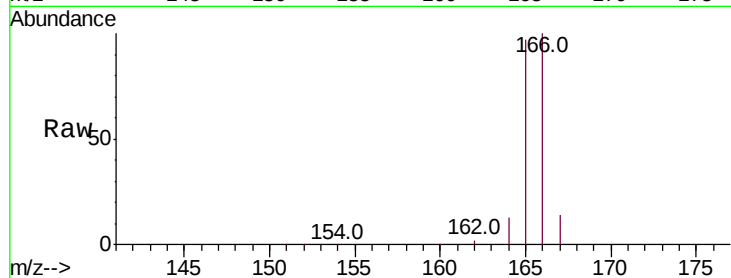
Tot Ion:166 Resp: 43478

Ion Ratio Lower Upper

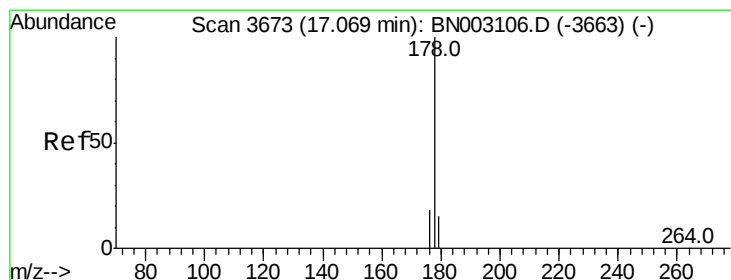
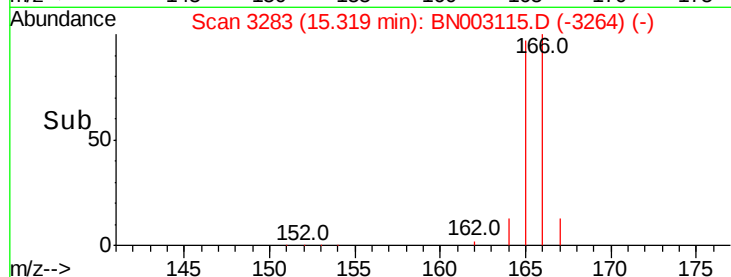
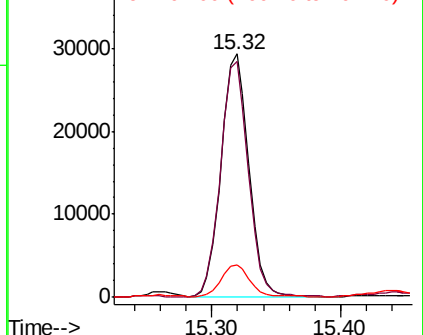
166 100

165 96.7 78.5 117.7

167 13.6 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: 0.075 ng/ul

RT: 17.15 min Scan# 3691

Delta R.T. 0.08 min

Lab File: BN003115.D

Acq: 11 Oct 2018 22:22

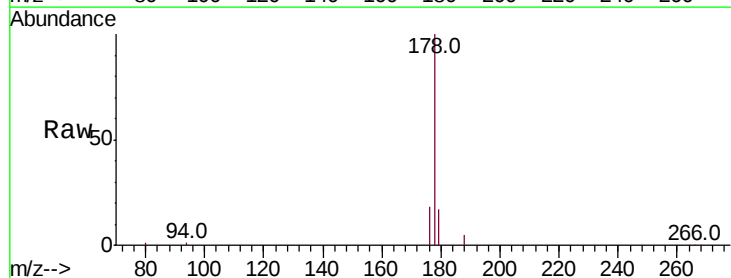
Tgt Ion:178 Resp: 92900

Ion Ratio Lower Upper

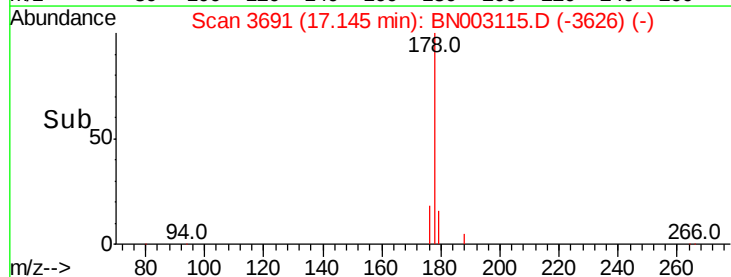
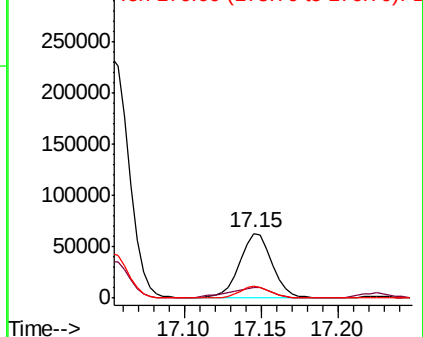
178 100

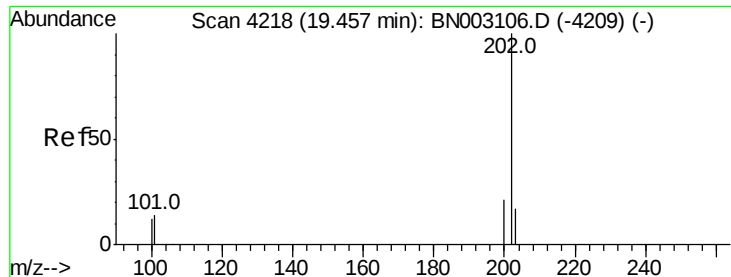
179 16.6 12.9 19.3

176 18.0 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: 768.522 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003115.D

Acq: 11 Oct 2018 22:22

Instrument :

BNA_N

ClientSampleId :

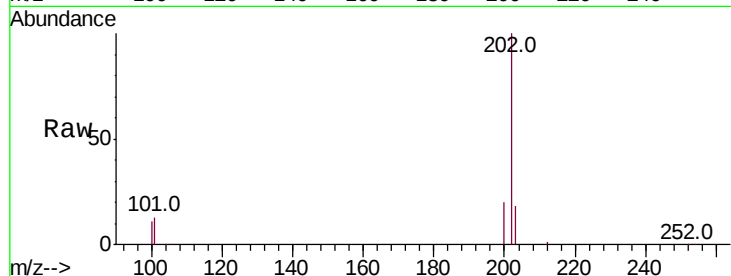
Tot Ion:202 Resp: 188049

Ion Ratio Lower Upper

202 100

101 13.2 11.9 17.9

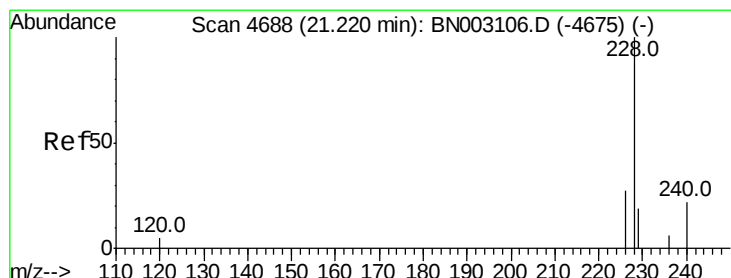
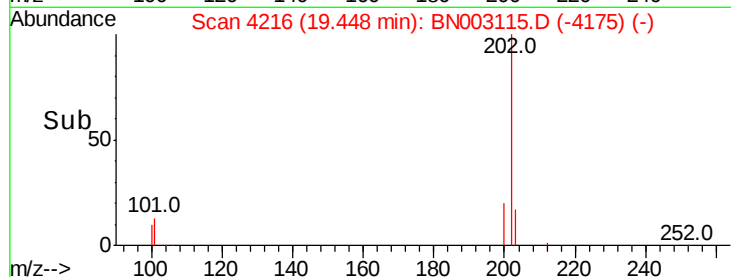
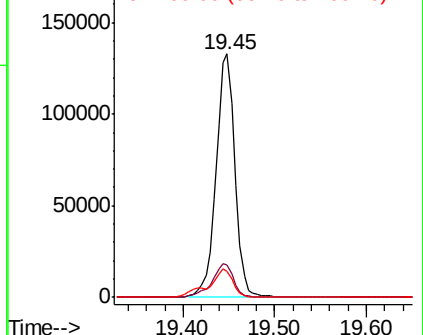
100 10.5 9.9 14.9



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: 352.293 ng/ul

RT: 21.26 min Scan# 4701

Delta R.T. 0.04 min

Lab File: BN003115.D

Acq: 11 Oct 2018 22:22

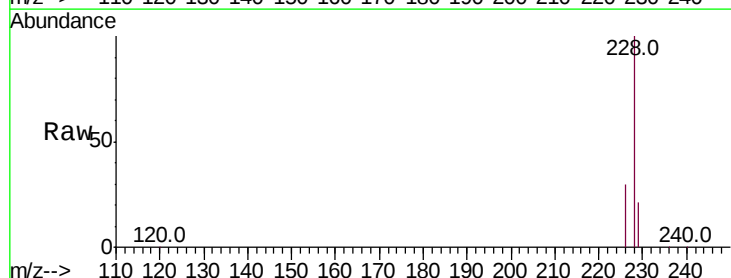
Tgt Ion:228 Resp: 71422

Ion Ratio Lower Upper

228 100

229 21.4 16.2 24.2

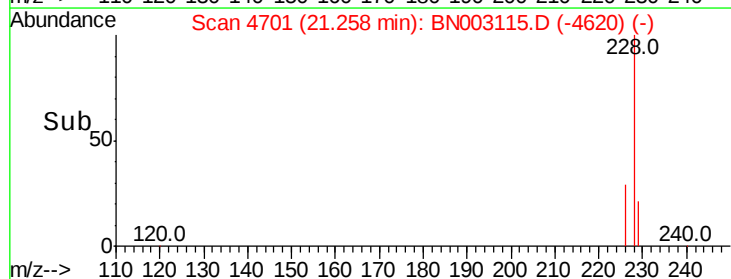
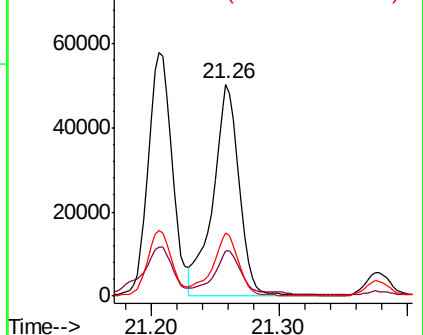
226 29.6 22.3 33.5

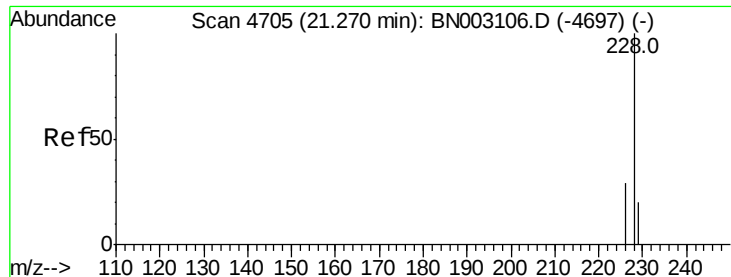


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 35.898 ng/ul

RT: 21.38 min Scan# 4741

Delta R.T. 0.11 min

Lab File: BN003115.D

Acq: 11 Oct 2018 22:22

Instrument :

BNA_N

ClientSampleId :

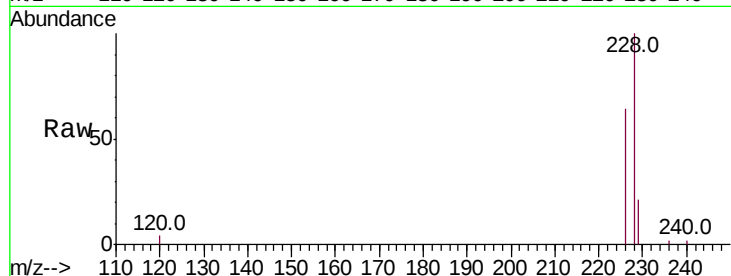
Tot Ion:228 Resp: 7390

Ion Ratio Lower Upper

228 100

226 64.1 24.2 36.4#

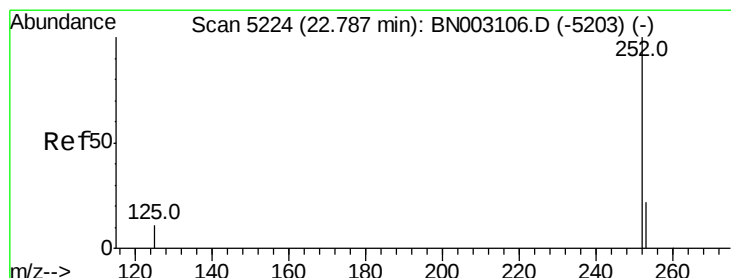
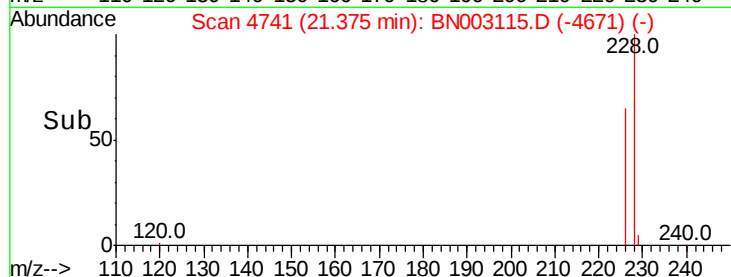
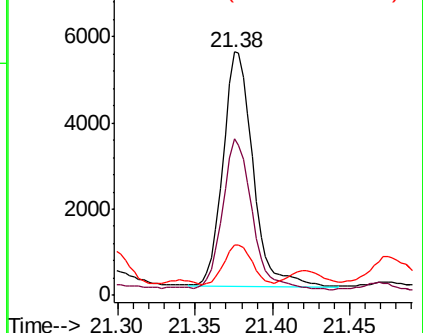
229 20.8 16.7 25.1



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: 4.790 ng/ul

RT: 22.94 min Scan# 5278

Delta R.T. 0.16 min

Lab File: BN003115.D

Acq: 11 Oct 2018 22:22

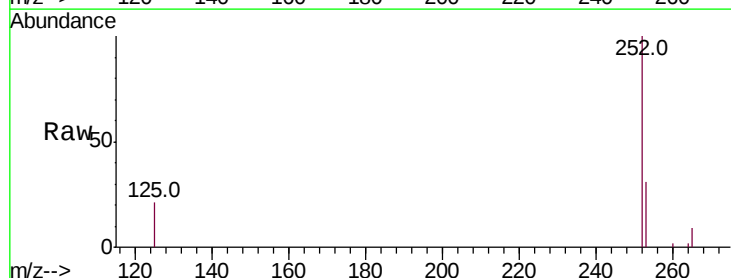
Tgt Ion:252 Resp: 9074

Ion Ratio Lower Upper

252 100

253 30.8 0.0 53.2

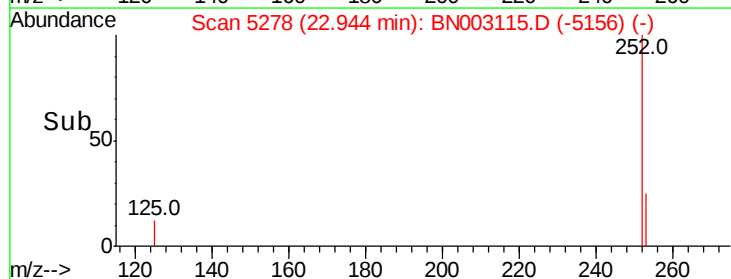
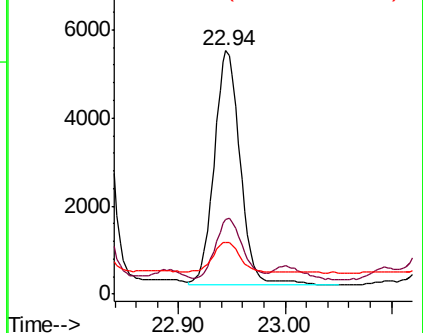
125 21.4 0.0 34.2

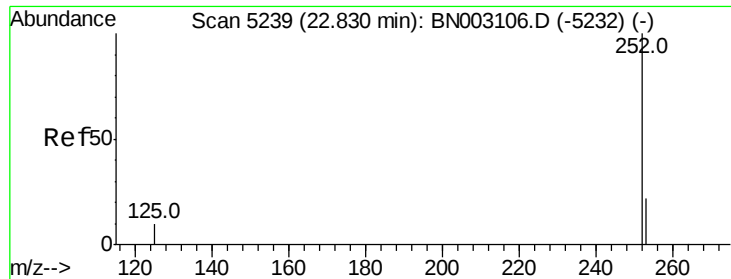


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

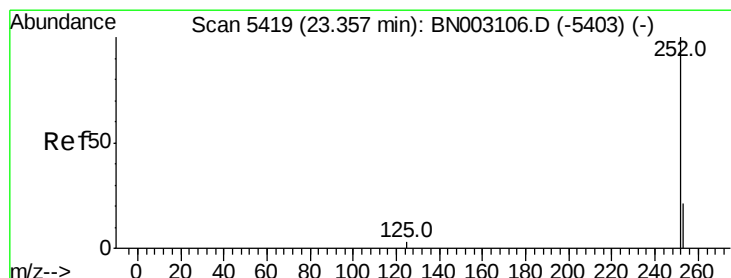
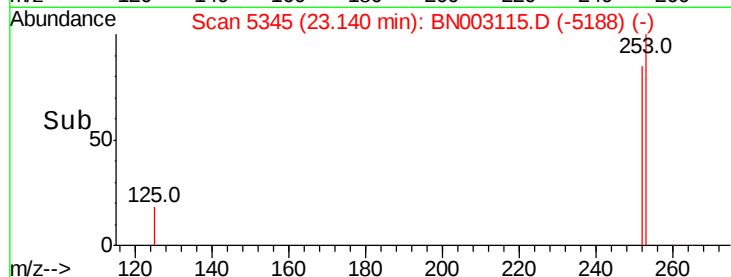
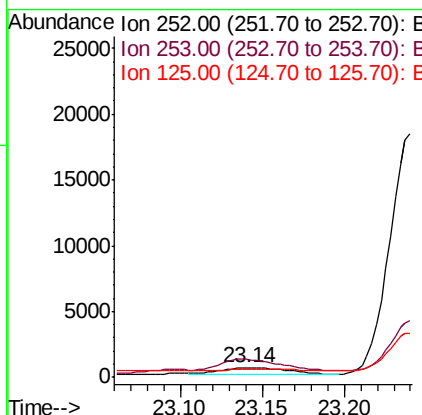
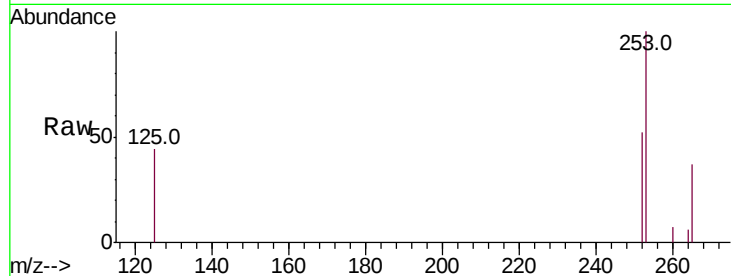




#22
Benzo(k)fluoranthene
Concen: 0.710 ng/ul
RT: 23.14 min Scan# 5345
Delta R.T. 0.31 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

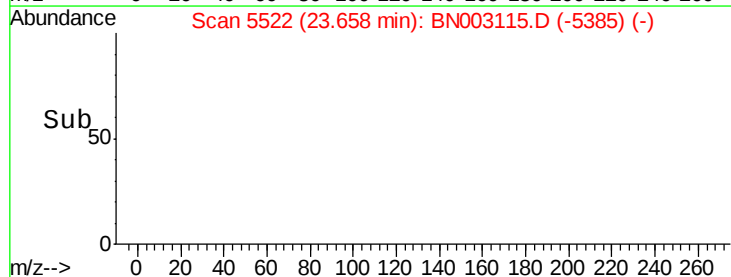
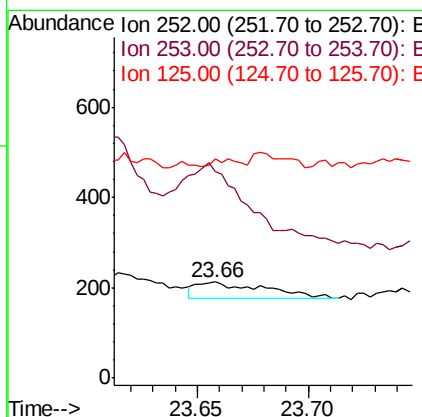
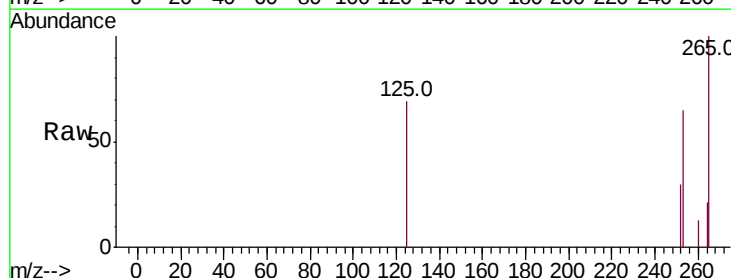
Instrument :
BNA_N
ClientSampled :

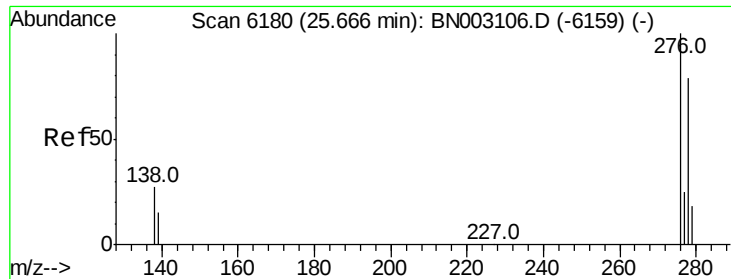
Tot Ion:252 Resp: 1394
Ion Ratio Lower Upper
252 100
253 190.7 21.3 31.9#
125 84.4 14.1 21.1#



#23
Benzo(a)pyrene
Concen: 0.048 ng/ul
RT: 23.66 min Scan# 5522
Delta R.T. 0.30 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

Tgt Ion:252 Resp: 81
Ion Ratio Lower Upper
252 100
253 214.6 23.1 34.7#
125 228.6 16.9 25.3#



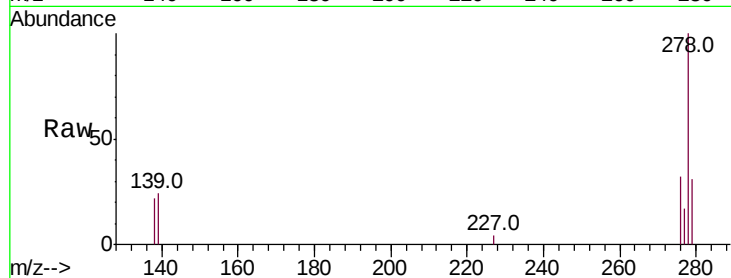


#24

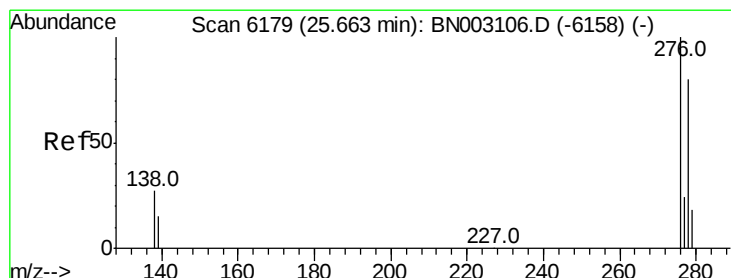
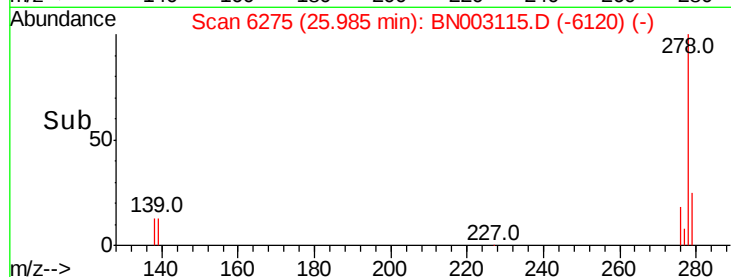
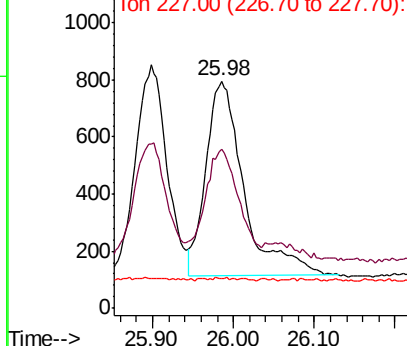
Indeno(1,2,3-cd)pyrene
Concen: 1.142 ng/ul
RT: 25.98 min Scan# 6275
Delta R.T. 0.32 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 2228
Ion Ratio Lower Upper
276 100
138 49.6 21.5 32.3#
227 0.2 0.3 0.5#



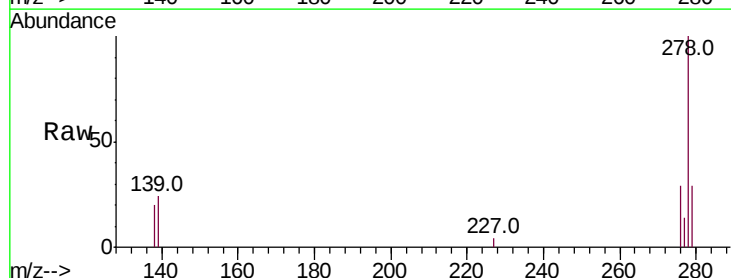
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



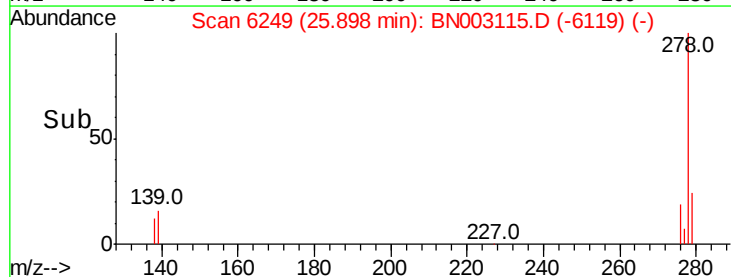
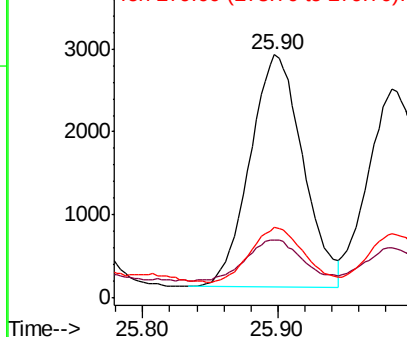
#25

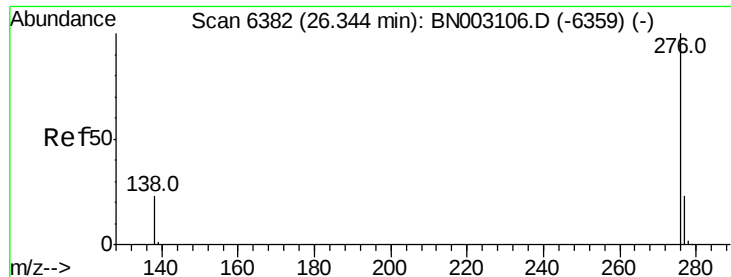
Dibenzo(a,h)anthracene
Concen: 4.886 ng/ul
RT: 25.90 min Scan# 6249
Delta R.T. 0.23 min
Lab File: BN003115.D
Acq: 11 Oct 2018 22:22

Tgt Ion:278 Resp: 7630
Ion Ratio Lower Upper
278 100
139 24.0 20.2 30.4
279 28.9 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: 4.017 ng/ul

RT: 26.70 min Scan# 6487

Delta R.T. 0.35 min

Lab File: BN003115.D

Acq: 11 Oct 2018 22:22

Instrument :

BNA_N

ClientSampleId :

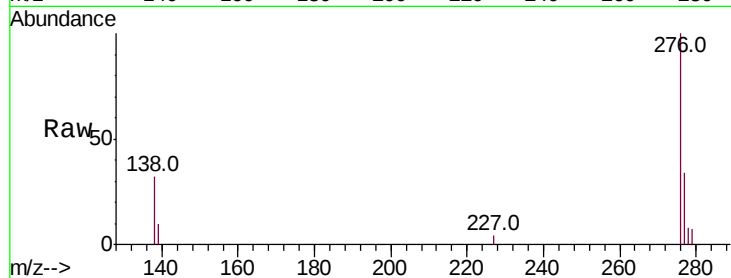
Tot Ion:276 Resp: 6609

Ion Ratio Lower Upper

276 100

138 31.6 23.0 34.4

277 33.6 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

