

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003118.D
 Acq On : 12 Oct 2018 00:08
 Operator : MJ/SJ
 Sample : J5230-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 05:38:18 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

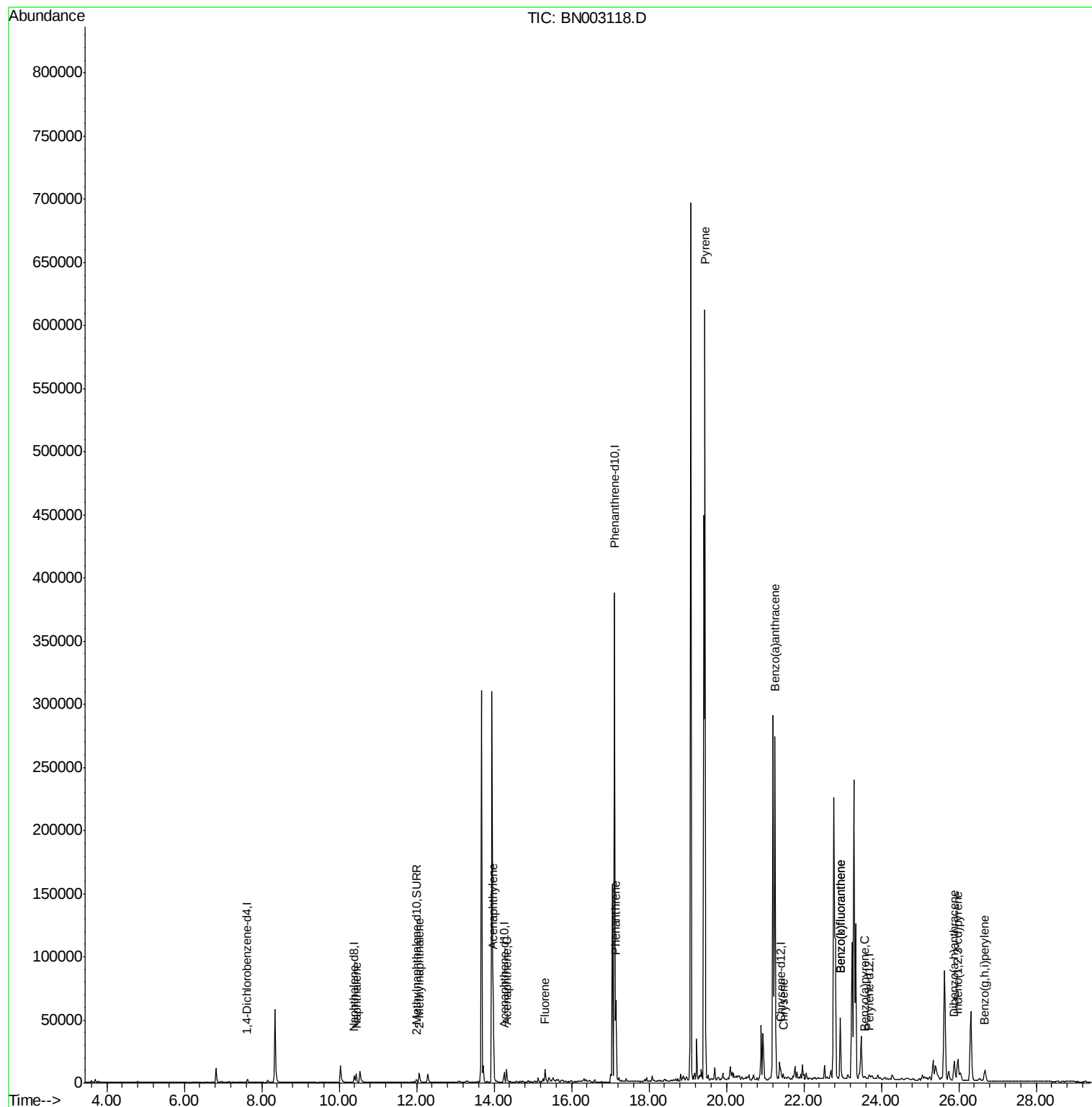
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1679	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	7134	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	4236	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	439756	0.40	ng/ul	0.08
16) Chrysene-d12	21.39	240	63	0.40	ng/ul	0.16
20) Perylene-d12	23.69	264	2416	0.40	ng/ul	0.24
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	2980	0.27	ng/ul	-0.01
14) Fluoranthene-d10	19.14	212	306	0.00	ng/ul	0.07
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	9773	0.534	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	6342	0.503	ng/ul	97
7) Acenaphthylene	13.98	152	69848	3.604	ng/ul	98
8) Acenaphthene	14.32	153	6115	0.416	ng/ul	99
9) Fluorene	15.32	166	7584	0.450	ng/ul#	98
12) Phenanthrene	17.15	178	71052	0.058	ng/ul	98
17) Pyrene	19.45	202	498034	2035.375	ng/ul	95
18) Benzo(a)anthracene	21.26	228	280724	1384.687	ng/ul	97
19) Chrysene	21.46	228	740	3.595	ng/ul#	1
21) Benzo(b)fluoranthene	22.94	252	61382	7.055	ng/ul	99
22) Benzo(k)fluoranthene	22.94	252	60171	6.671	ng/ul	98
23) Benzo(a)pyrene	23.57	252	1288	0.165	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.97	276	9988	1.115	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.88	278	22076	3.078	ng/ul	94
26) Benzo(g,h,i)perylene	26.68	276	17275	2.286	ng/ul#	93

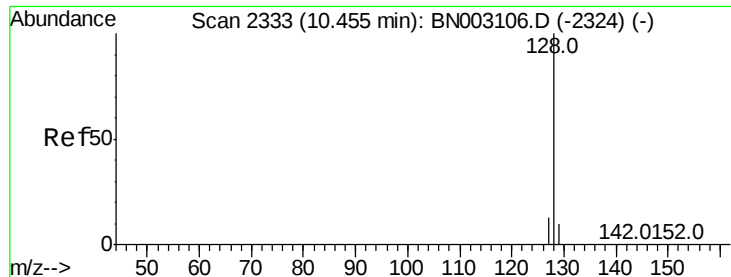
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#3

Naphthalene

Concen: 0.534 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN003118.D

Acq: 12 Oct 2018 00:08

Instrument :

BNA_N

ClientSampleId :

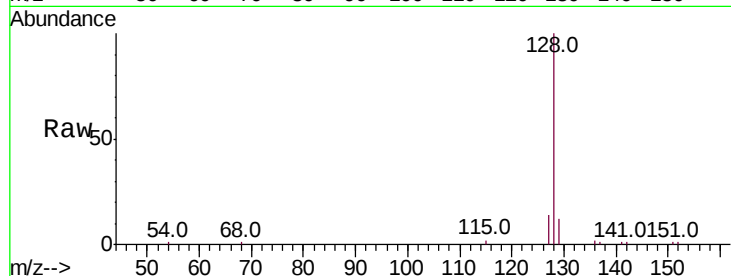
Tot Ion:128 Resp: 9773

Ion Ratio Lower Upper

128 100

129 12.1 10.4 15.6

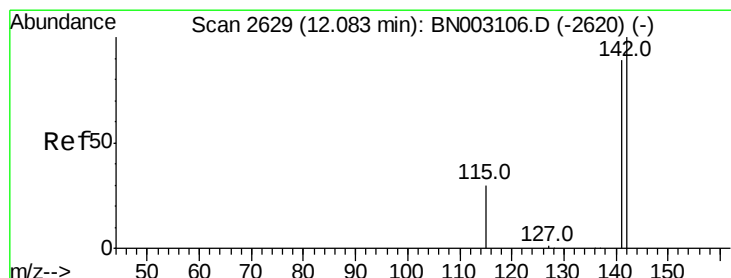
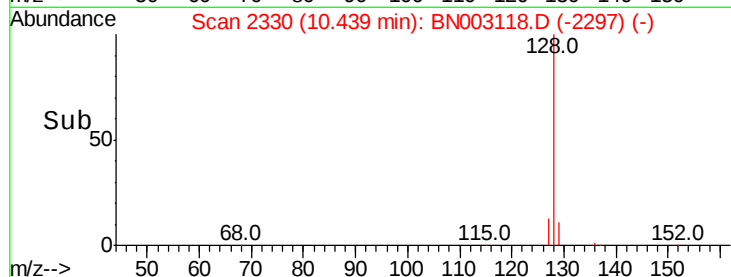
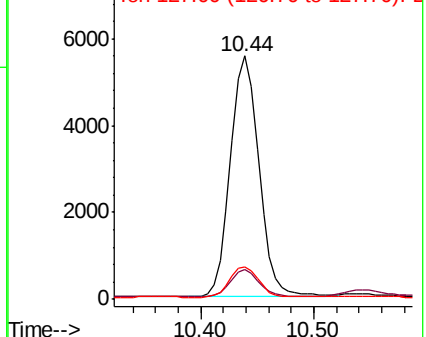
127 13.6 11.7 17.5



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: 0.503 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.02 min

Lab File: BN003118.D

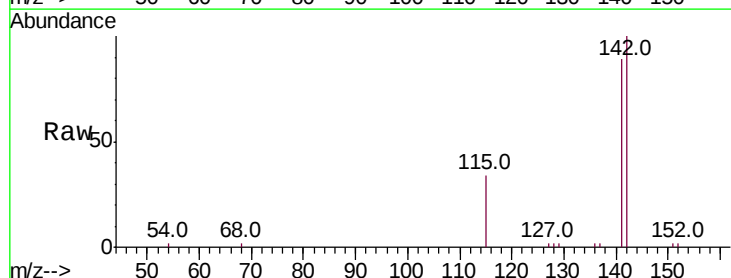
Acq: 12 Oct 2018 00:08

Tgt Ion:142 Resp: 6342

Ion Ratio Lower Upper

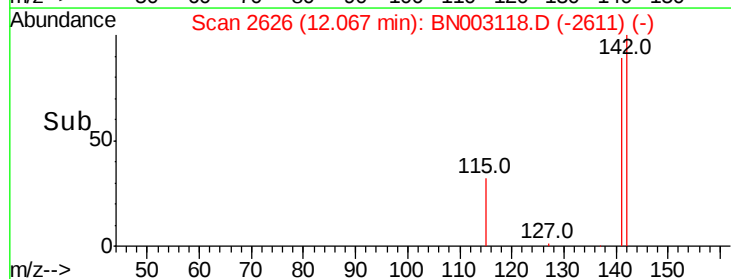
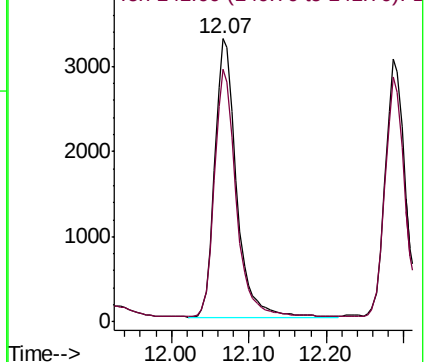
142 100

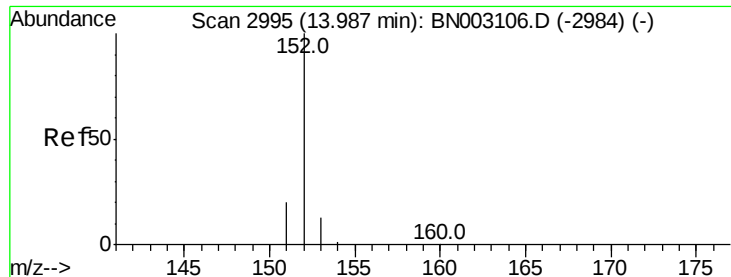
141 88.6 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 3.604 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN003118.D

Acq: 12 Oct 2018 00:08

Instrument :

BNA_N

ClientSampleId :

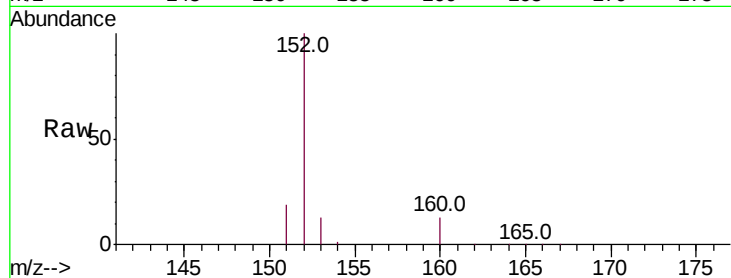
Tot Ion:152 Resp: 69848

Ion Ratio Lower Upper

152 100

151 19.5 16.5 24.7

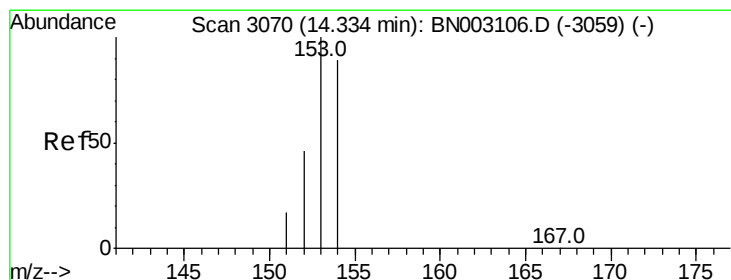
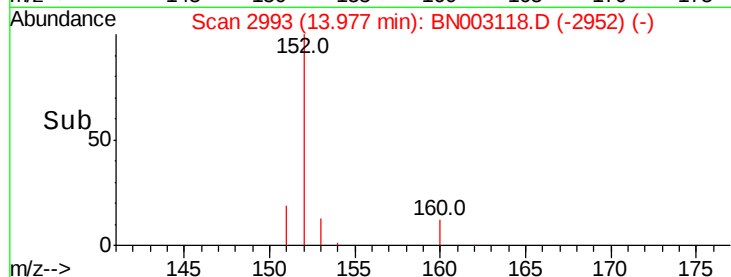
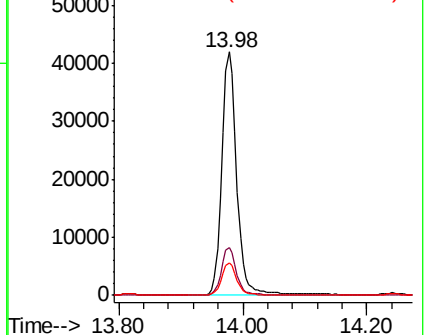
153 13.2 11.4 17.2



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: 0.416 ng/ul

RT: 14.32 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN003118.D

Acq: 12 Oct 2018 00:08

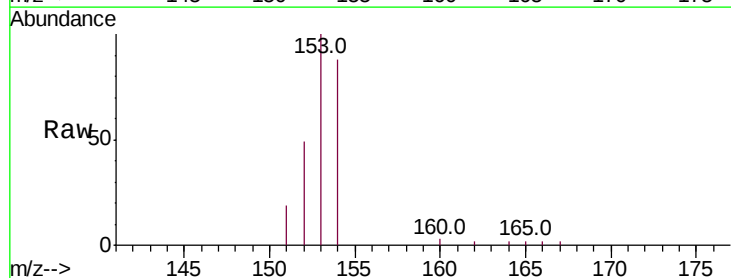
Tgt Ion:153 Resp: 6115

Ion Ratio Lower Upper

153 100

152 49.4 38.2 57.4

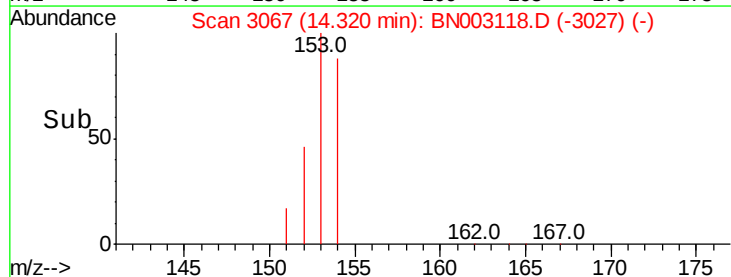
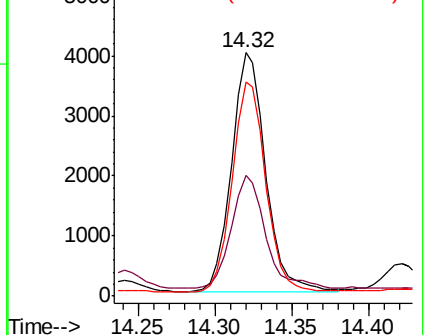
154 87.9 70.2 105.2

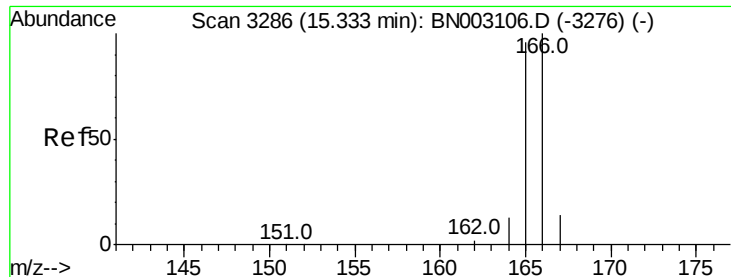


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

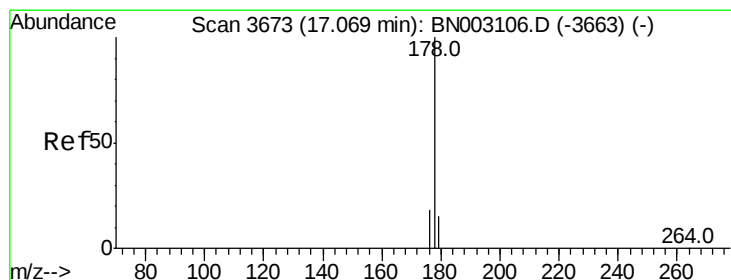
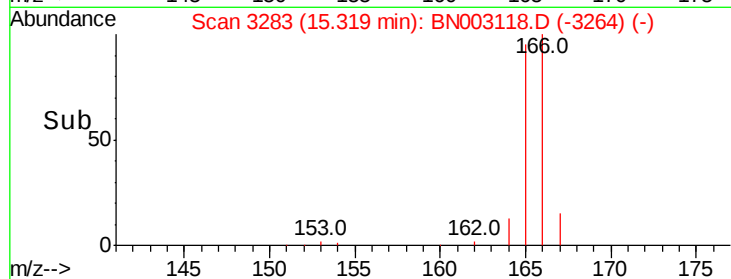
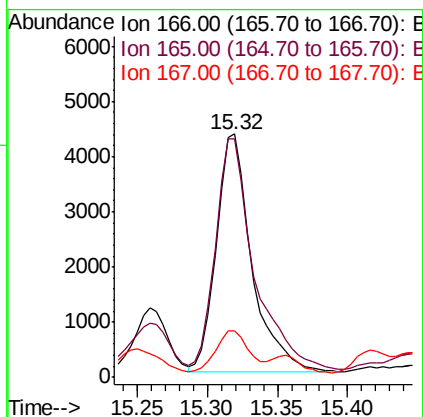
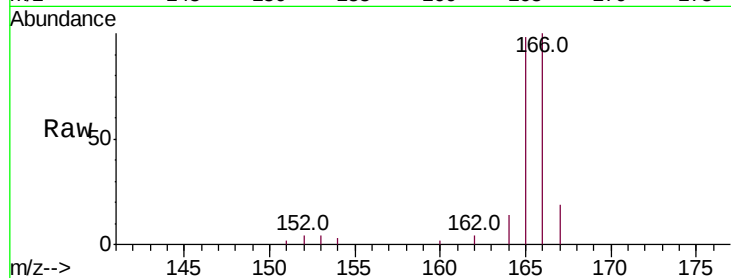




#9
Fluorene
 Concen: 0.450 ng/ul
 RT: 15.32 min Scan# 3283
 Delta R.T. -0.01 min
 Lab File: BN003118.D
 Acq: 12 Oct 2018 00:08

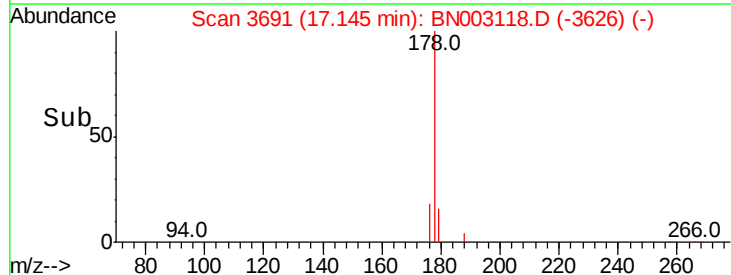
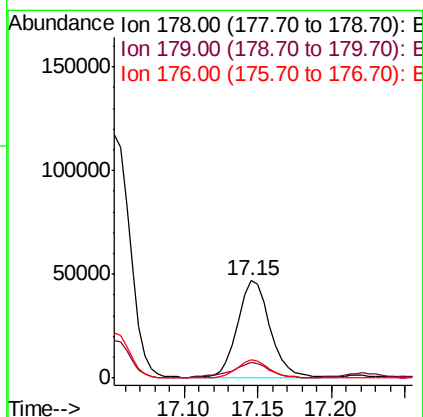
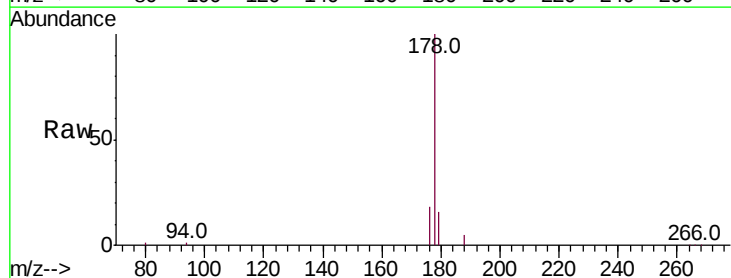
Instrument :
 BNA_N
 ClientSampleId :

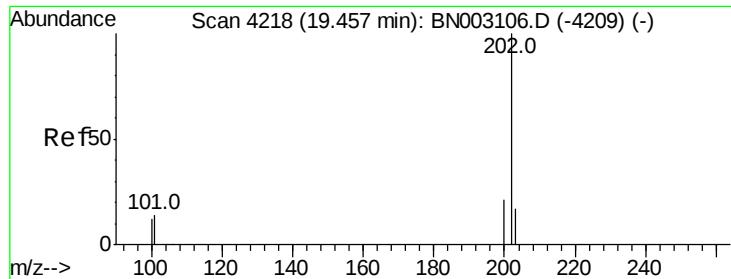
Tot Ion:166 Resp: 7584
 Ion Ratio Lower Upper
 166 100
 165 97.8 78.5 117.7
 167 19.0 11.6 17.4#



#12
Phenanthrene
 Concen: 0.058 ng/ul
 RT: 17.15 min Scan# 3691
 Delta R.T. 0.08 min
 Lab File: BN003118.D
 Acq: 12 Oct 2018 00:08

Tgt Ion:178 Resp: 71052
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.9 19.3
 176 18.2 15.4 23.2

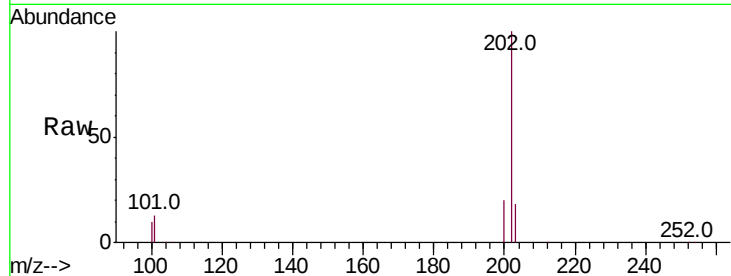




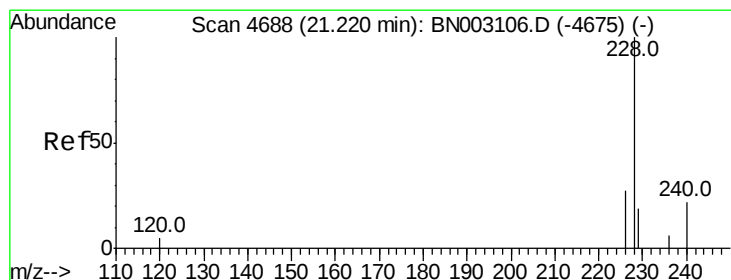
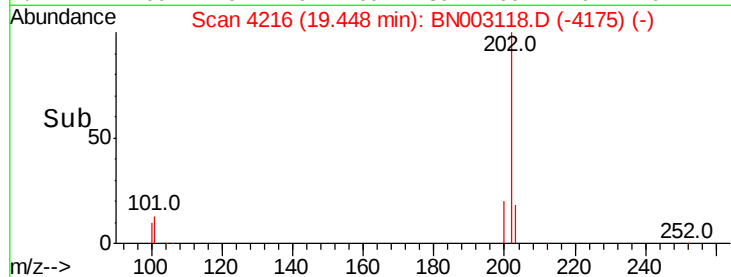
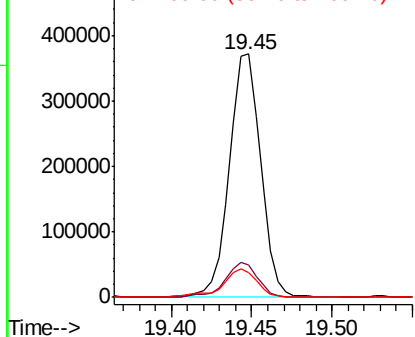
#17
Pvrene
Concen: 2035.375 ng/ul
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	11.9	17.9
100	10.4	9.9	14.9

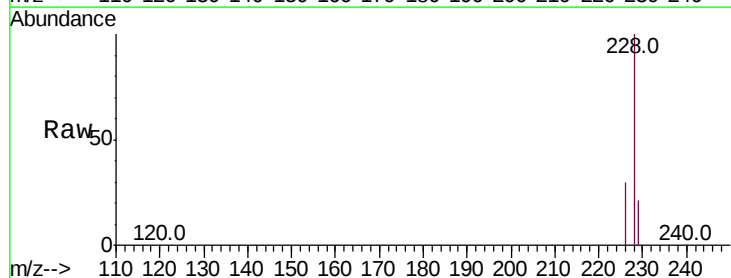


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

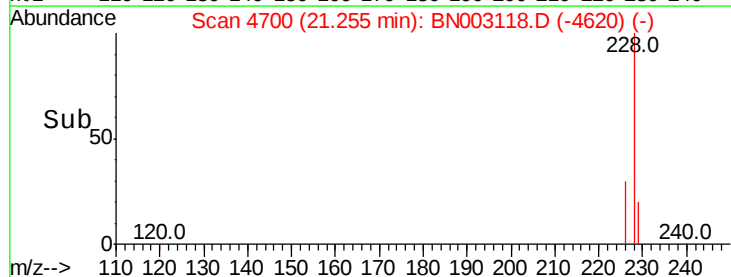
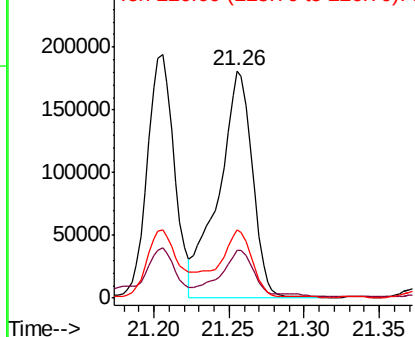


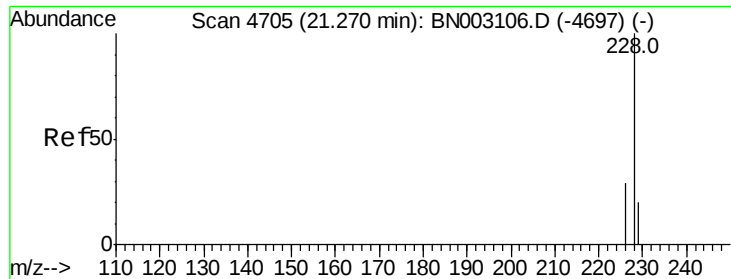
#18
Benzo(a)anthracene
Concen: 1384.687 ng/ul
RT: 21.26 min Scan# 4700
Delta R.T. 0.04 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.2
226	29.9	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: 3.595 ng/ul

RT: 21.46 min Scan# 4771

Delta R.T. 0.19 min

Lab File: BN003118.D

Acq: 12 Oct 2018 00:08

Instrument :

BNA_N

ClientSampleId :

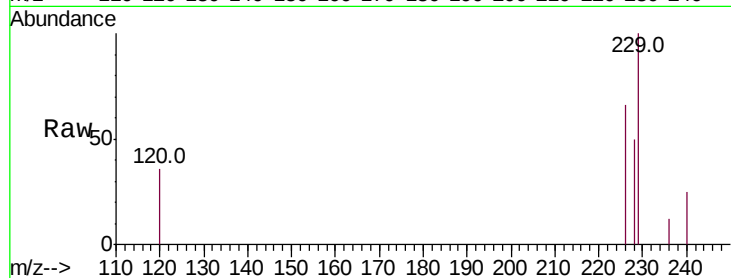
Tot Ion:228 Resp: 740

Ion Ratio Lower Upper

228 100

226 130.9 24.2 36.4#

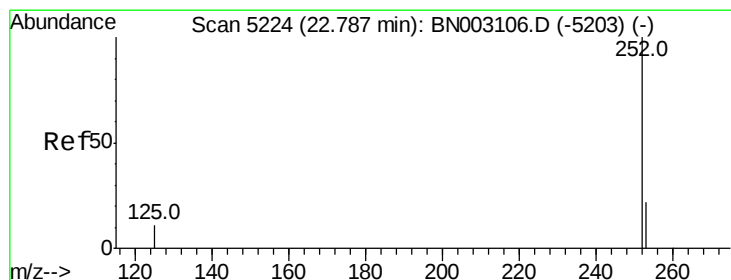
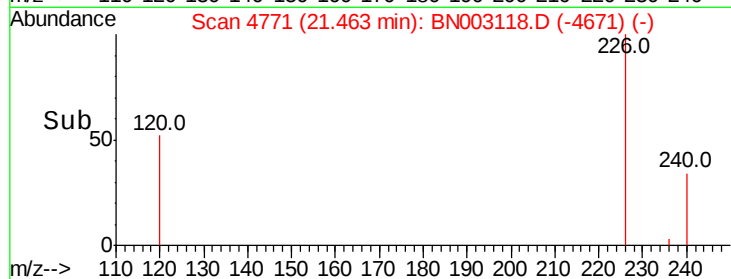
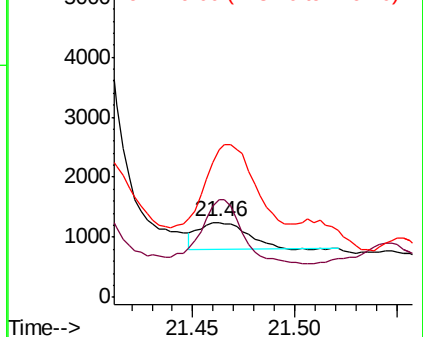
229 198.2 16.7 25.1#



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: 7.055 ng/ul

RT: 22.94 min Scan# 5277

Delta R.T. 0.15 min

Lab File: BN003118.D

Acq: 12 Oct 2018 00:08

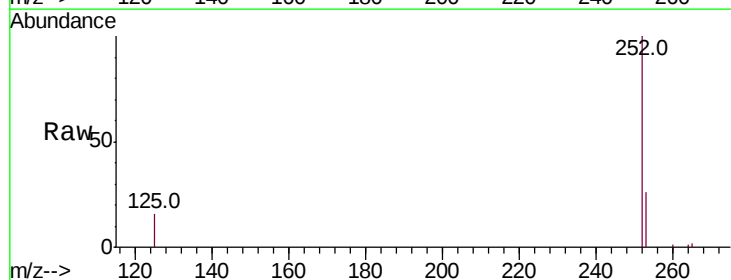
Tgt Ion:252 Resp: 61382

Ion Ratio Lower Upper

252 100

253 26.2 0.0 53.2

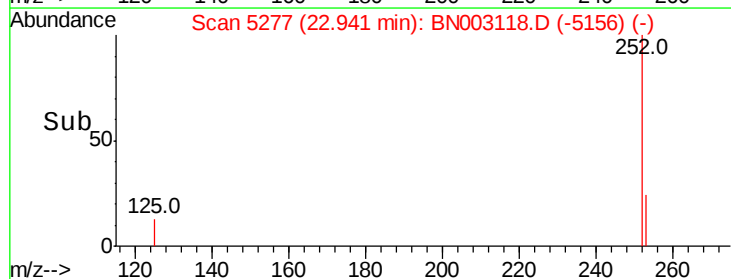
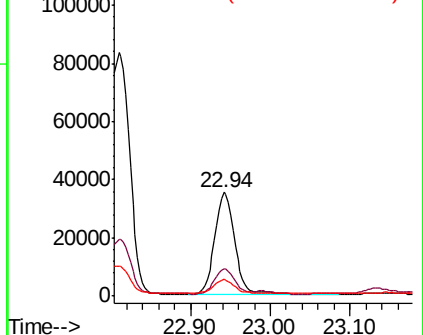
125 16.0 0.0 34.2

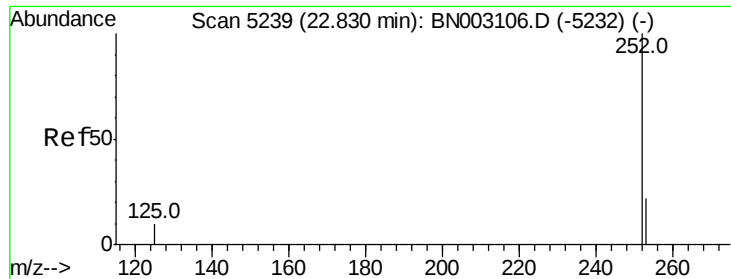


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 6.671 ng/ul

RT: 22.94 min Scan# 5277

Delta R.T. 0.11 min

Lab File: BN003118.D

Acq: 12 Oct 2018 00:08

Instrument :

BNA_N

ClientSampled :

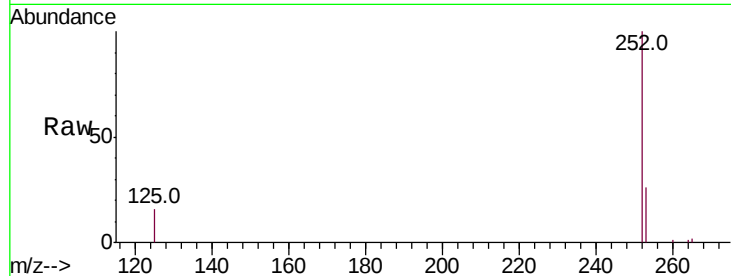
Tot Ion:252 Resp: 60171

Ion Ratio Lower Upper

252 100

253 26.2 21.3 31.9

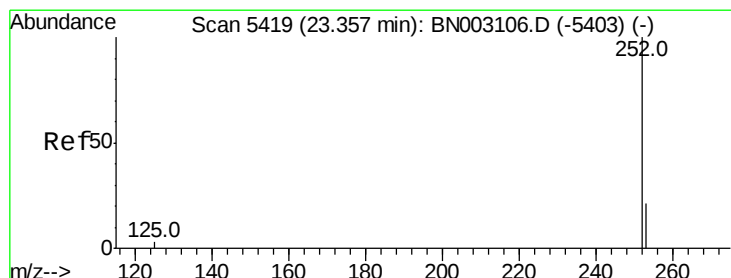
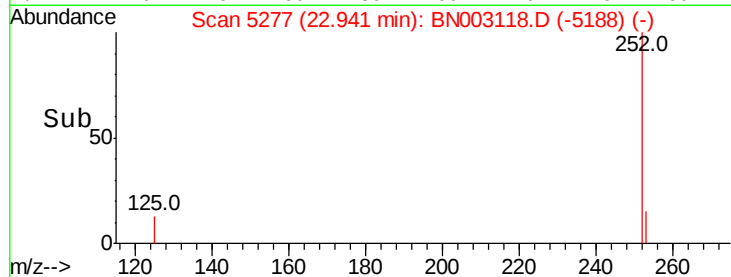
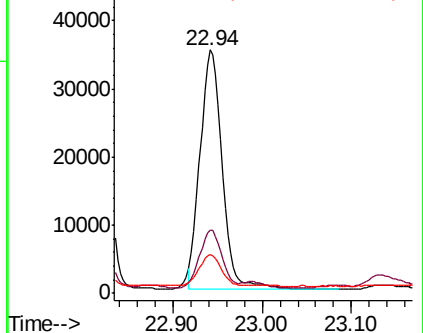
125 16.0 14.1 21.1



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: 0.165 ng/ul

RT: 23.57 min Scan# 5492

Delta R.T. 0.21 min

Lab File: BN003118.D

Acq: 12 Oct 2018 00:08

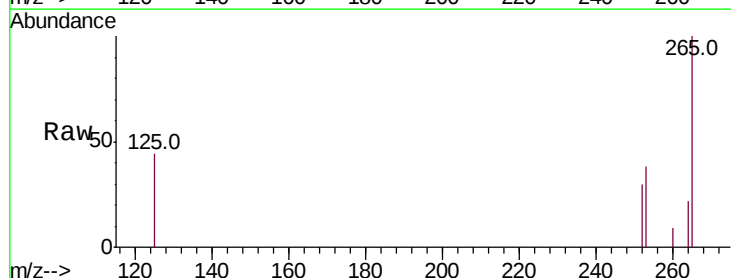
Tgt Ion:252 Resp: 1288

Ion Ratio Lower Upper

252 100

253 127.7 23.1 34.7#

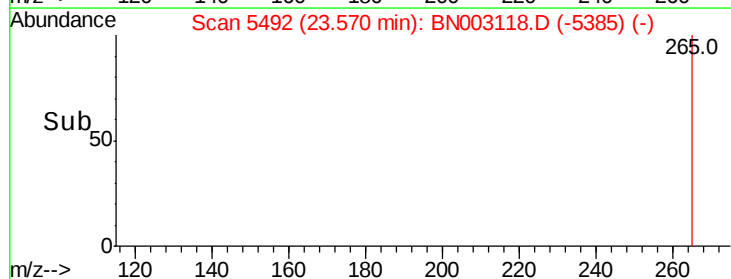
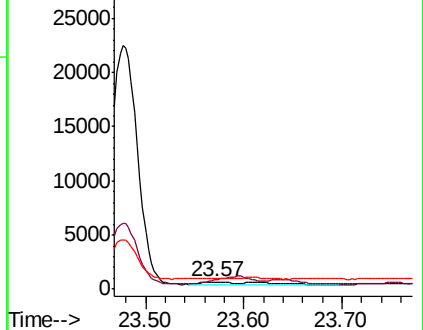
125 145.0 16.9 25.3#

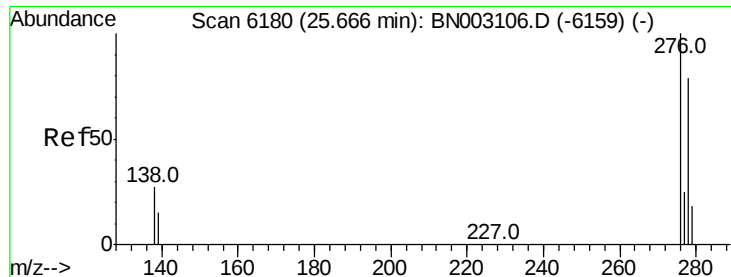


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



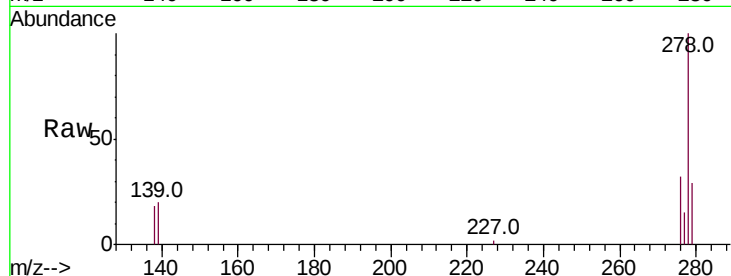


#24

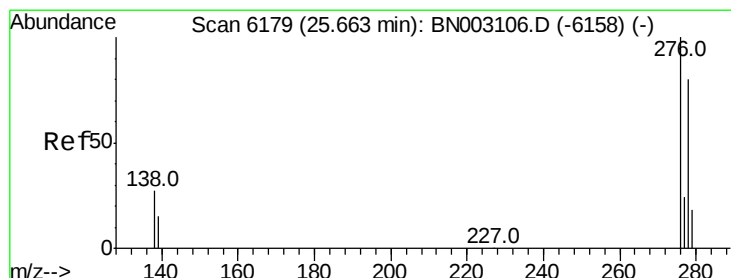
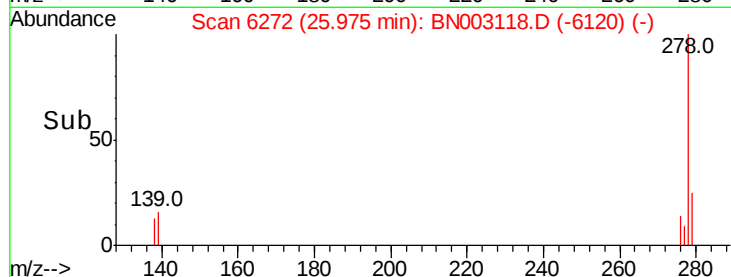
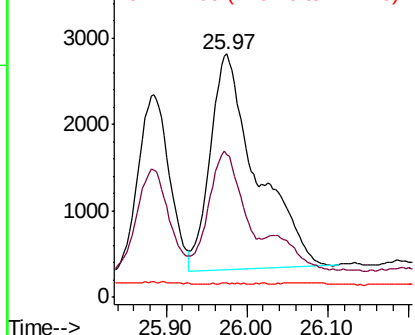
Indeno(1,2,3-cd)pyrene
Concen: 1.115 ng/ul
RT: 25.97 min Scan# 6272
Delta R.T. 0.31 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 9988
Ion Ratio Lower Upper
276 100
138 52.4 21.5 32.3#
227 0.4 0.3 0.5



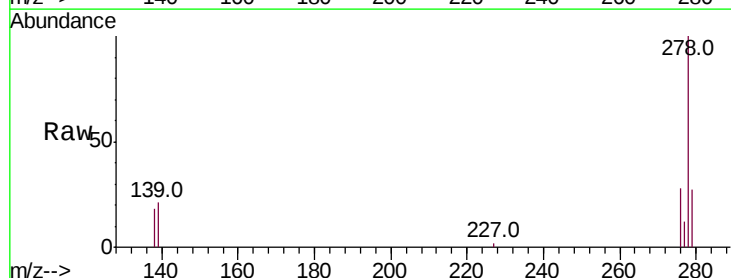
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



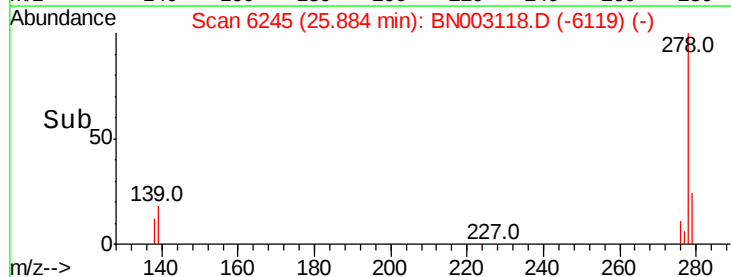
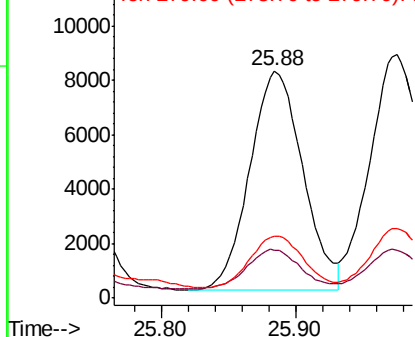
#25

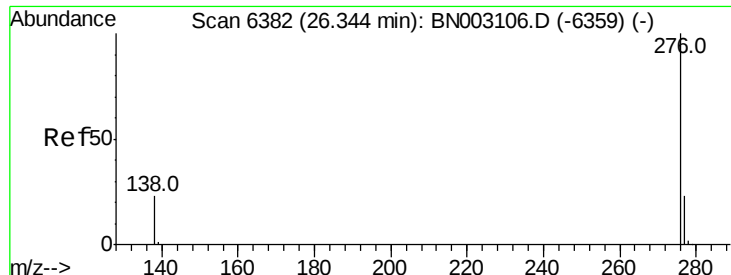
Dibenzo(a,h)anthracene
Concen: 3.078 ng/ul
RT: 25.88 min Scan# 6245
Delta R.T. 0.22 min
Lab File: BN003118.D
Acq: 12 Oct 2018 00:08

Tgt Ion:278 Resp: 22076
Ion Ratio Lower Upper
278 100
139 21.2 20.2 30.4
279 27.5 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: 2.286 ng/ul

RT: 26.68 min Scan# 6481

Delta R.T. 0.33 min

Lab File: BN003118.D

Acq: 12 Oct 2018 00:08

Instrument :

BNA_N

ClientSampleId :

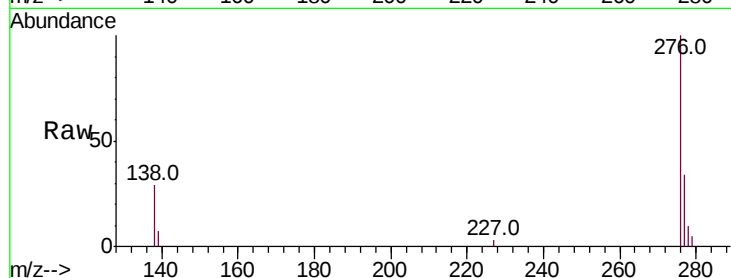
Tot Ion:276 Resp: 17275

Ion Ratio Lower Upper

276 100

138 29.2 23.0 34.4

277 34.0 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

