

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003126.D
 Acq On : 12 Oct 2018 04:49
 Operator : MJ/SJ
 Sample : J5230-06DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 07:32:11 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 07:27:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1741	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	6999	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3578	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	6545	0.40	ng/ul	-0.01
16) Chrysene-d12	21.23	240	4988	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5782	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	640	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	1020	0.05	ng/ul	0.00

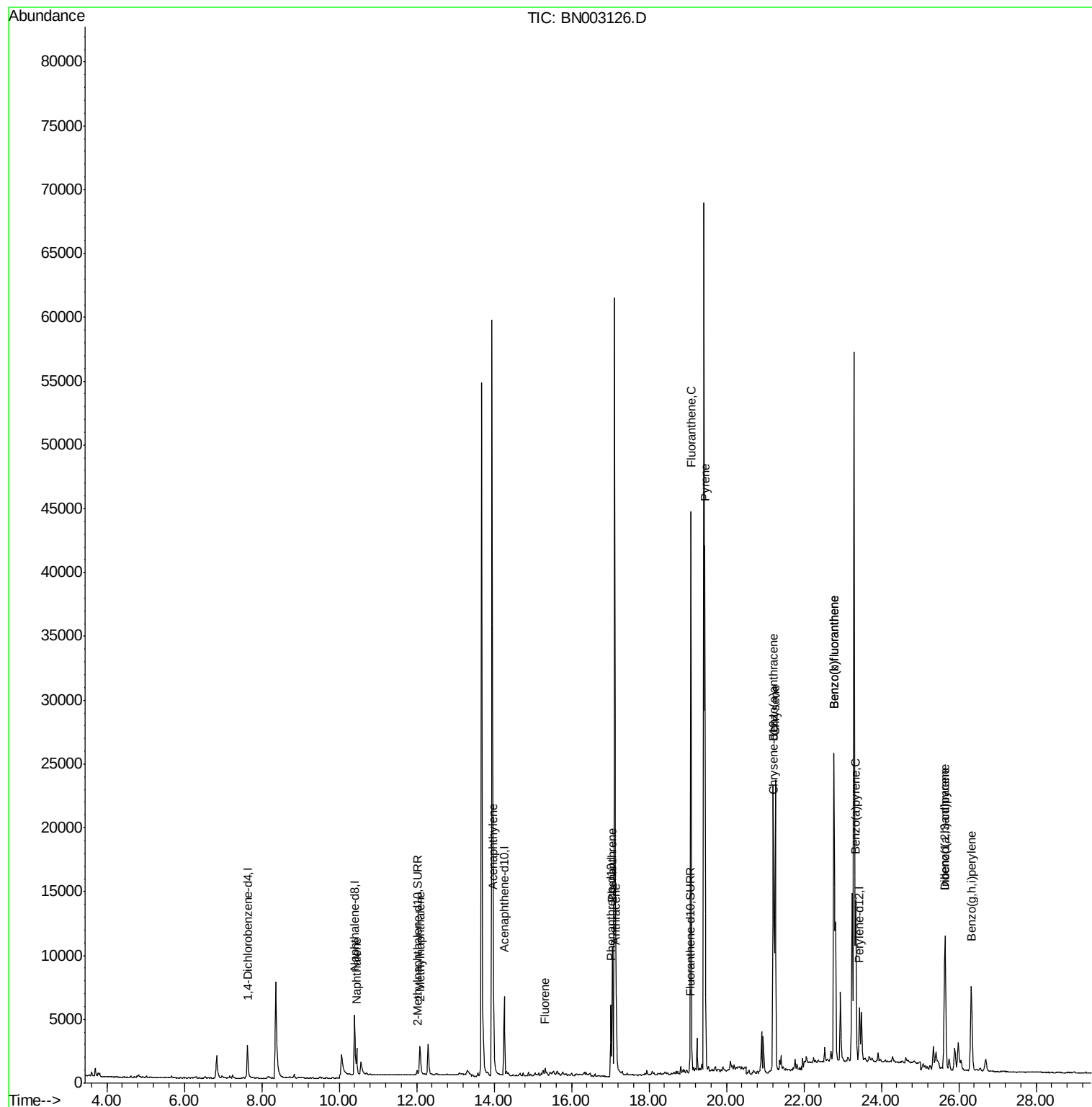
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	3170	0.177	ng/ul	97
5) 2-Methylnaphthalene	12.08	142	2589	0.209	ng/ul	96
7) Acenaphthylene	13.98	152	7243	0.442	ng/ul	98
9) Fluorene	15.32	166	427	0.030	ng/ul#	76
12) Phenanthrene	17.06	178	11607	0.636	ng/ul	100
13) Anthracene	17.15	178	6258	0.363	ng/ul	98
15) Fluoranthene	19.09	202	38537	1.800	ng/ul	100
17) Pyrene	19.45	202	34403	1.776	ng/ul	98
18) Benzo(a)anthracene	21.21	228	19346	1.205	ng/ul	98
19) Chrysene	21.26	228	24687	1.515	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	50226	2.412	ng/ul	94
22) Benzo(k)fluoranthene	22.78	252	50238	2.327	ng/ul	93
23) Benzo(a)pyrene	23.34	252	17598	0.943	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.65	276	16245	0.758	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	4615	0.269	ng/ul#	89
26) Benzo(a,h,i)perylene	26.32	276	13529	0.748	ng/ul	96

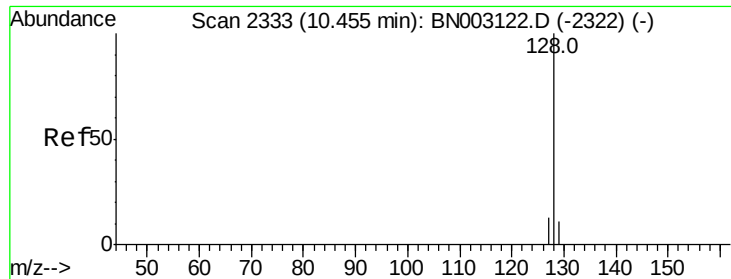
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.177 ng/ul

RT: 10.45 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

Instrument :

BNA_N

ClientSampleId :

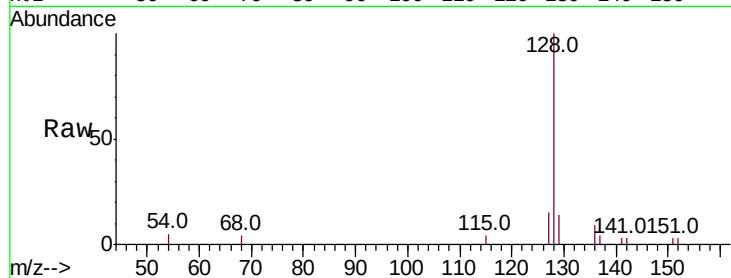
Tot Ion:128 Resp: 3170

Ion Ratio Lower Upper

128 100

129 14.5 10.4 15.6

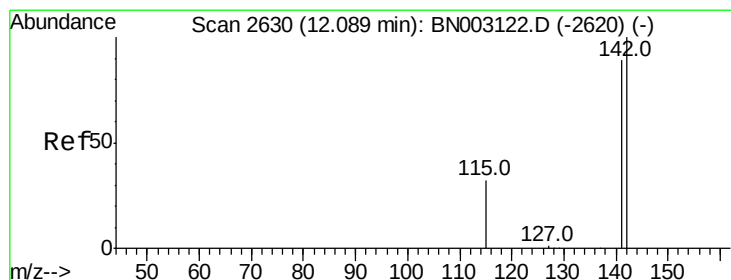
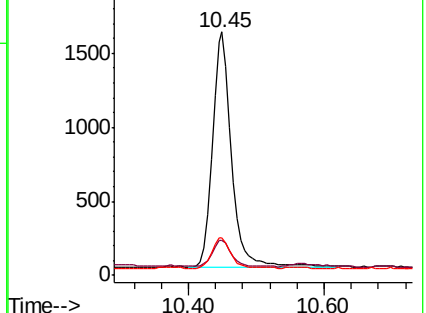
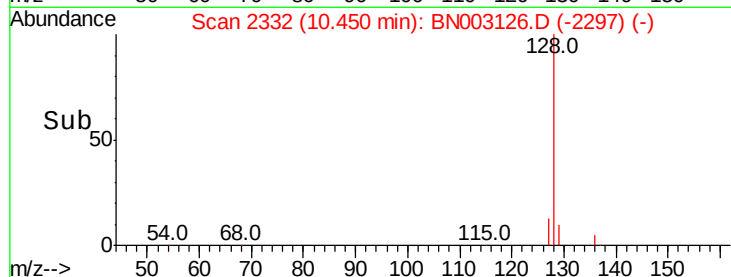
127 15.4 11.7 17.5



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: 0.209 ng/ul

RT: 12.08 min Scan# 2629

Delta R.T. -0.01 min

Lab File: BN003126.D

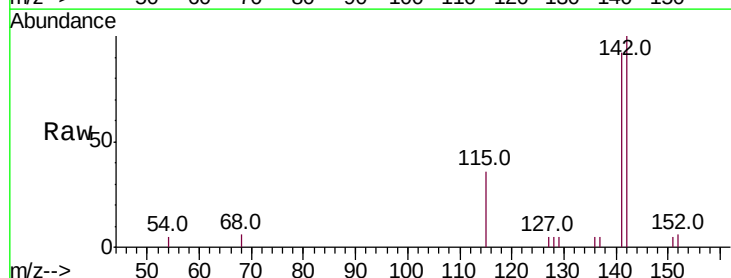
Acq: 12 Oct 2018 04:49

Tgt Ion:142 Resp: 2589

Ion Ratio Lower Upper

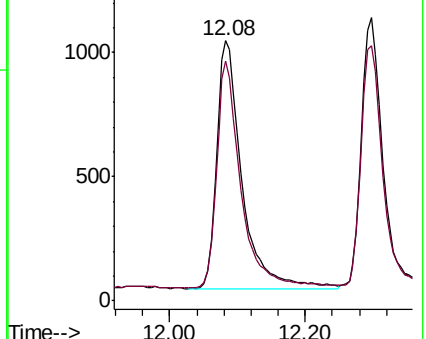
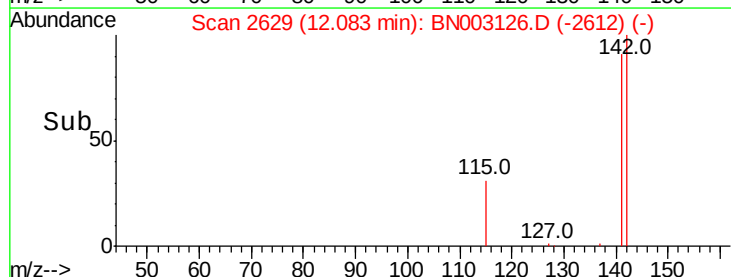
142 100

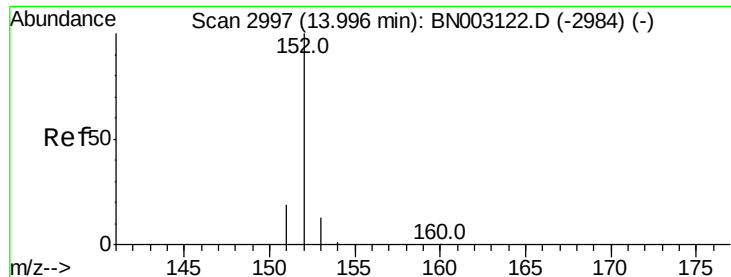
141 88.2 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.442 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

Instrument :

BNA_N

ClientSampled :

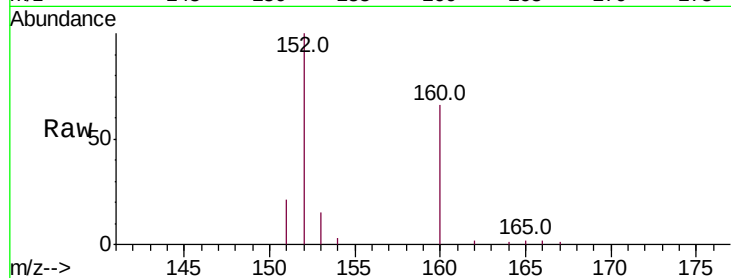
Tot Ion:152 Resp: 7243

Ion Ratio Lower Upper

152 100

151 21.3 16.5 24.7

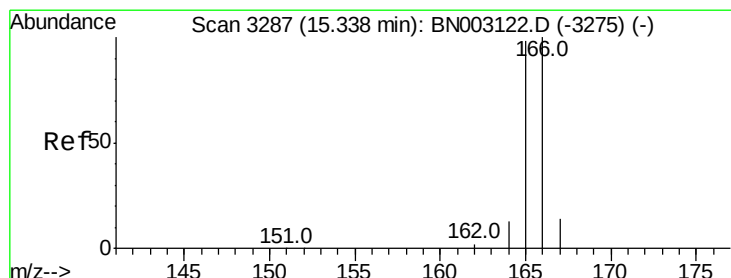
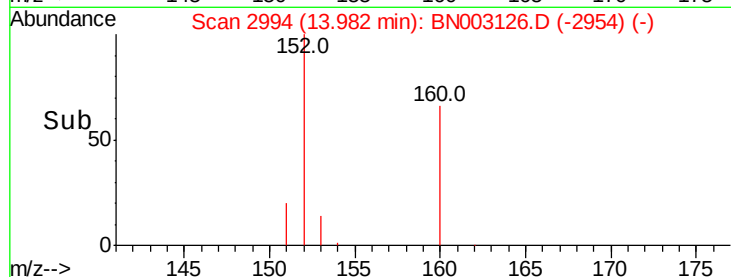
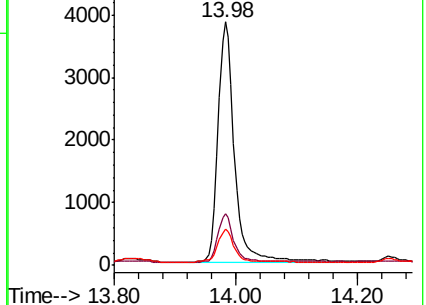
153 15.0 11.4 17.2



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



#9

Fluorene

Concen: 0.030 ng/ul

RT: 15.32 min Scan# 3284

Delta R.T. -0.01 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

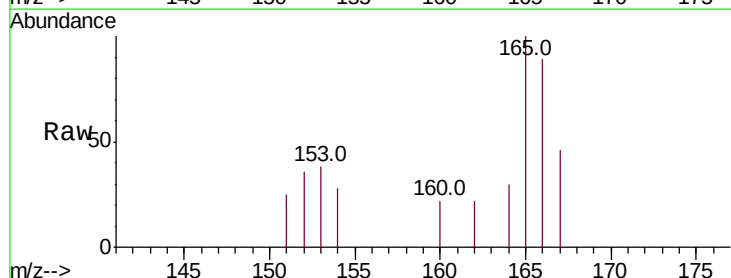
Tgt Ion:166 Resp: 427

Ion Ratio Lower Upper

166 100

165 111.9 78.5 117.7

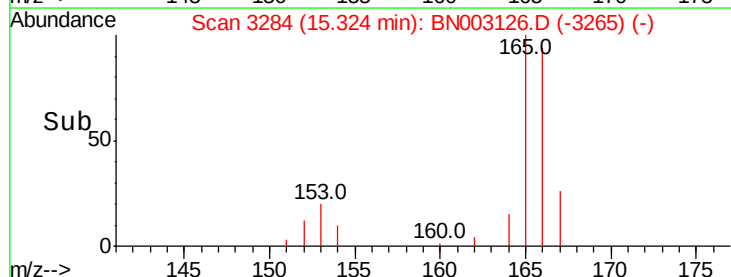
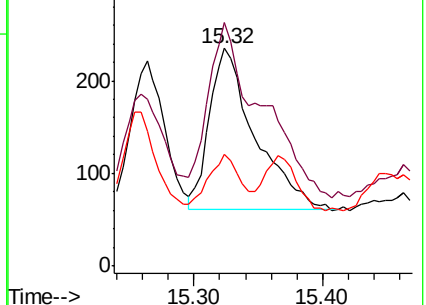
167 51.1 11.6 17.4#

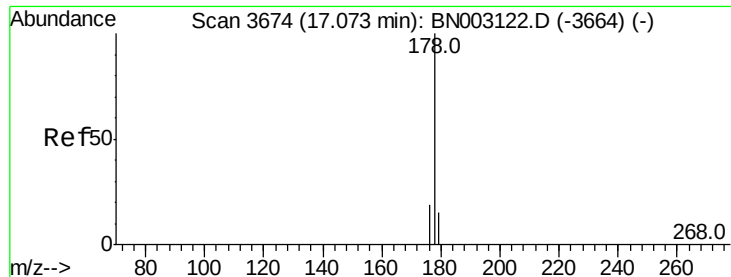


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.636 ng/ul

RT: 17.06 min Scan# 3670

Delta R.T. -0.02 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

Instrument :

BNA_N

ClientSampleId :

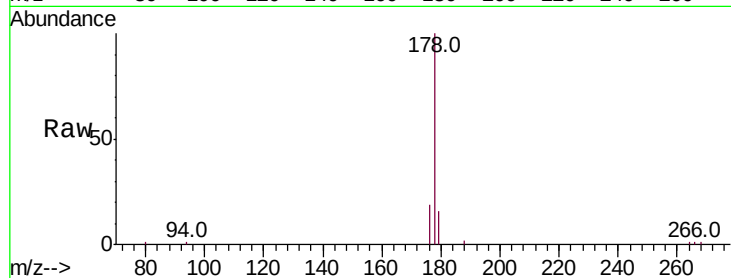
Tot Ion:178 Resp: 11607

Ion Ratio Lower Upper

178 100

179 15.9 12.9 19.3

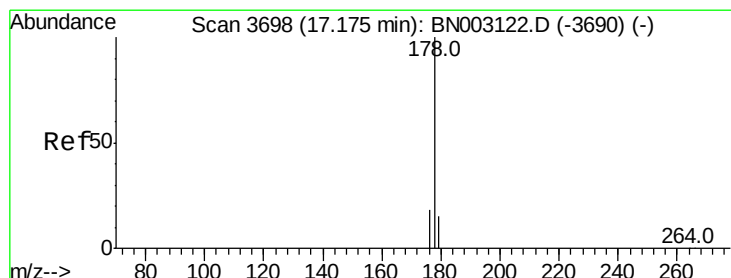
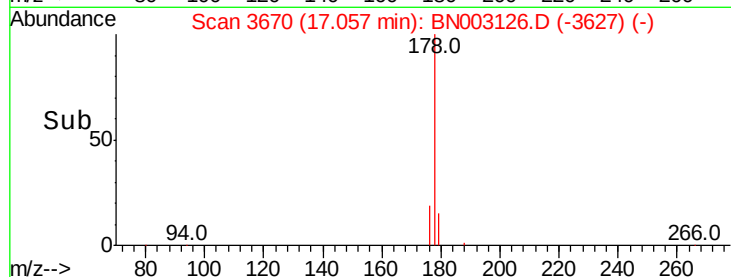
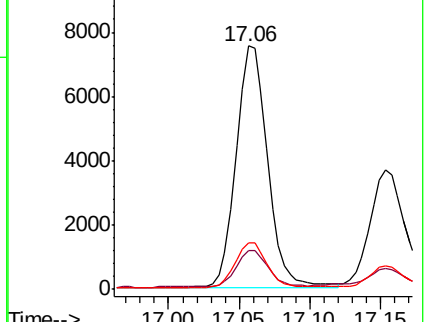
176 19.2 15.4 23.2



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: 0.363 ng/ul

RT: 17.15 min Scan# 3693

Delta R.T. -0.02 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

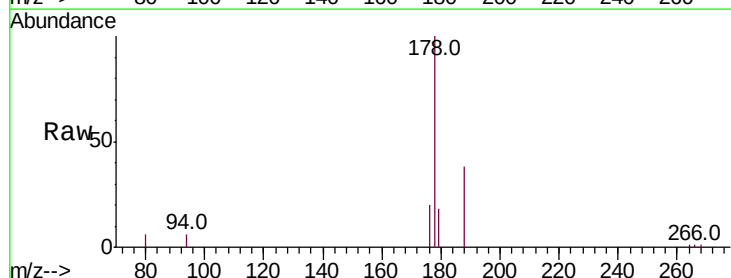
Tgt Ion:178 Resp: 6258

Ion Ratio Lower Upper

178 100

179 17.8 13.0 19.6

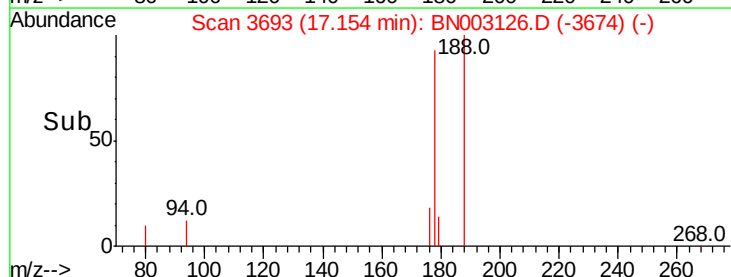
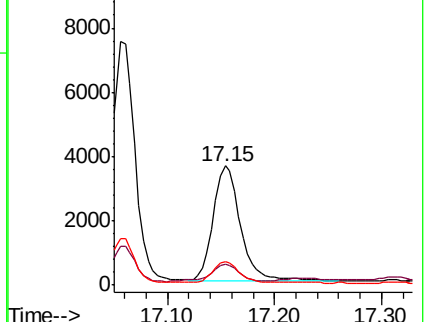
176 19.6 15.3 22.9

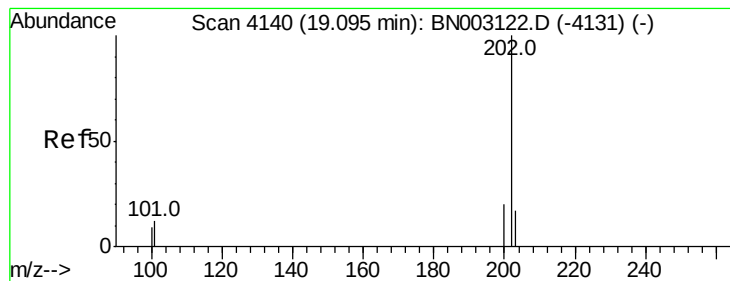


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 1.800 ng/ul

RT: 19.09 min Scan# 4138

Delta R.T. -0.01 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

Instrument :

BNA_N

ClientSampleId :

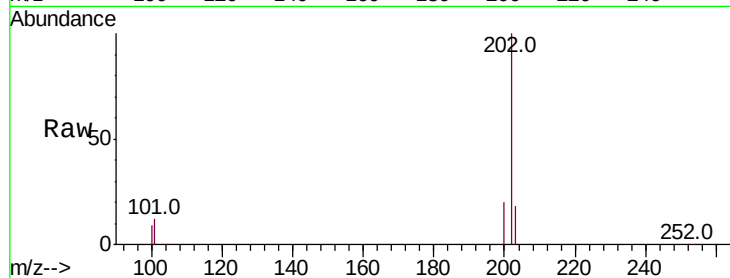
Tot Ion:202 Resp: 38537

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.3

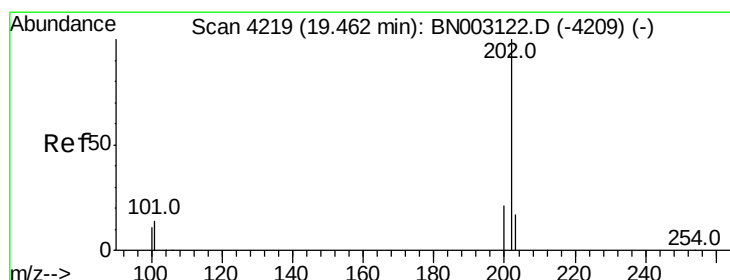
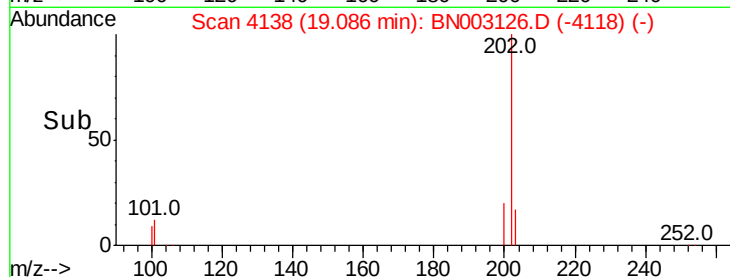
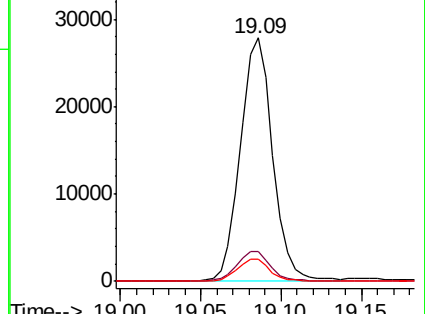
100 9.1 0.0 29.1



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

Pyrene

Concen: 1.776 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.01 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

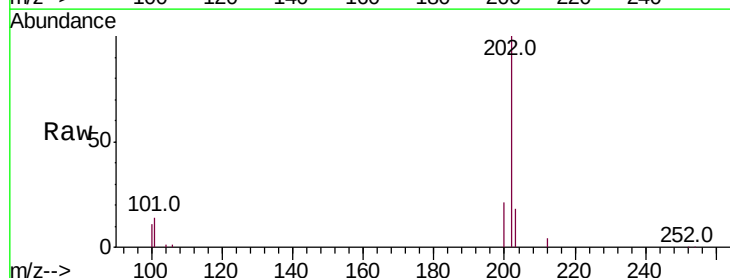
Tgt Ion:202 Resp: 34403

Ion Ratio Lower Upper

202 100

101 14.0 11.9 17.9

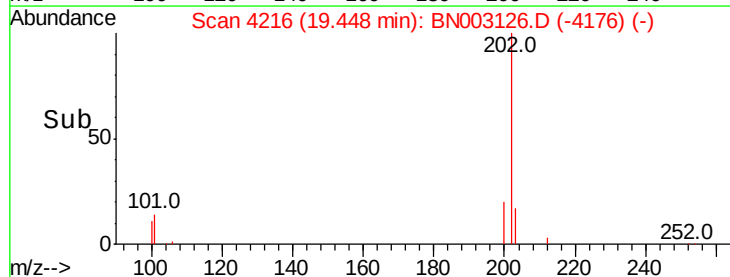
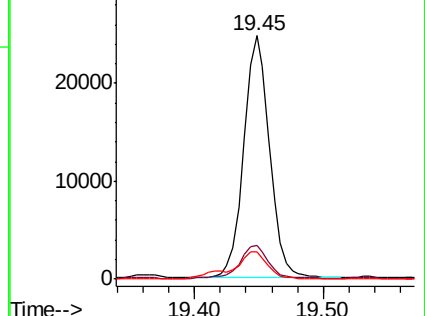
100 11.3 9.9 14.9

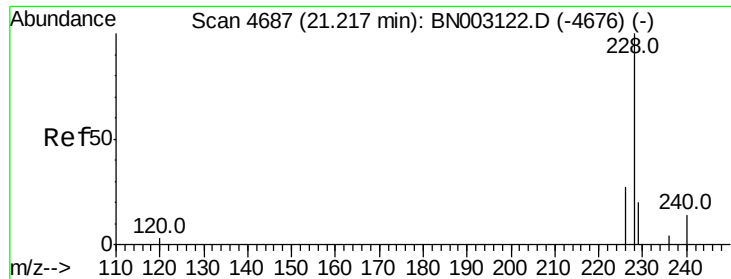


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 1.205 ng/ul

RT: 21.21 min Scan# 4684

Delta R.T. -0.01 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

Instrument :

BNA_N

ClientSampleId :

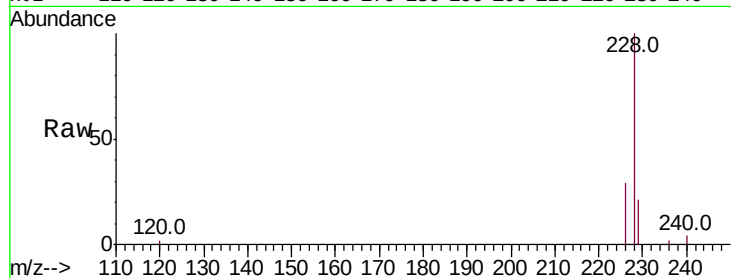
Tot Ion:228 Resp: 19346

Ion Ratio Lower Upper

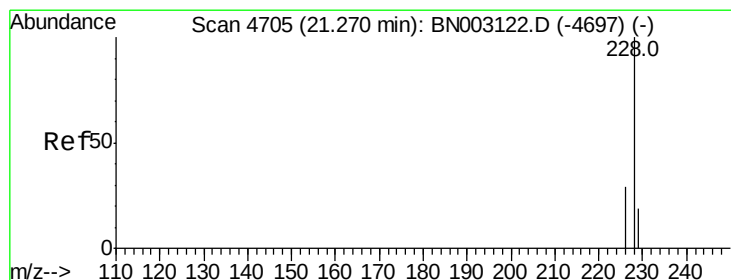
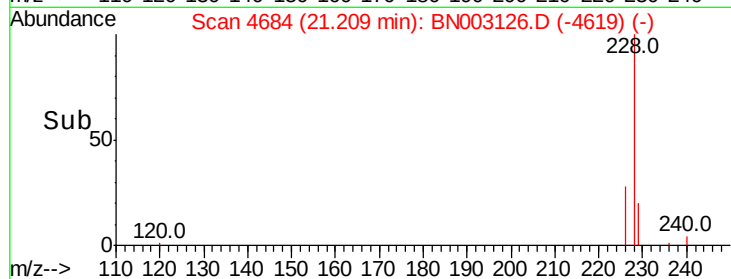
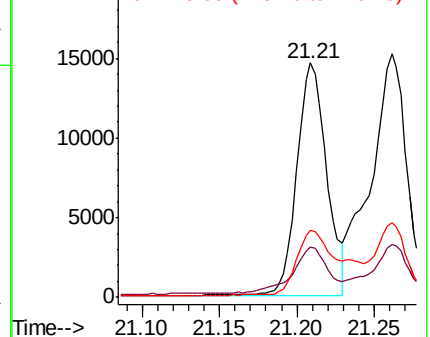
228 100

229 21.4 16.2 24.2

226 28.8 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: 1.515 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

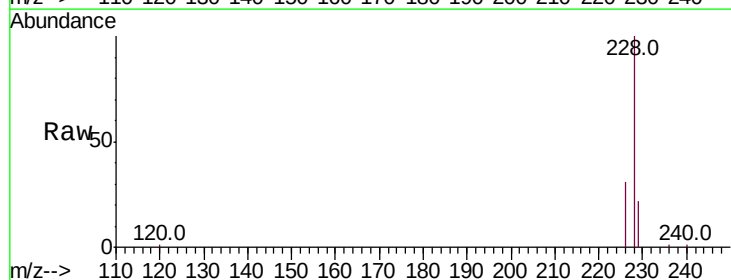
Tgt Ion:228 Resp: 24687

Ion Ratio Lower Upper

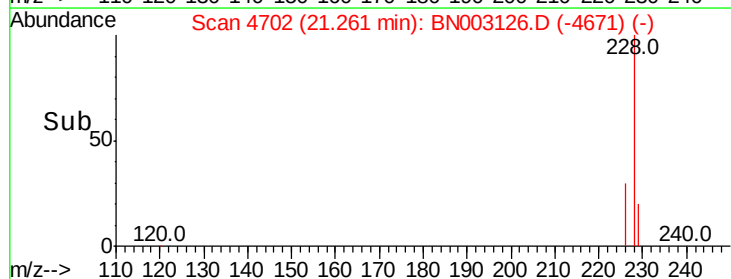
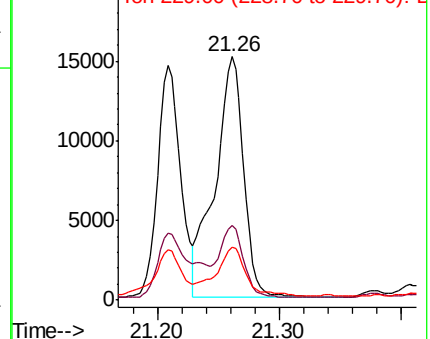
228 100

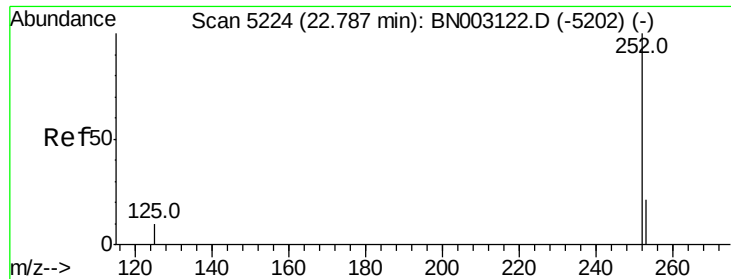
226 30.6 24.2 36.4

229 21.7 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

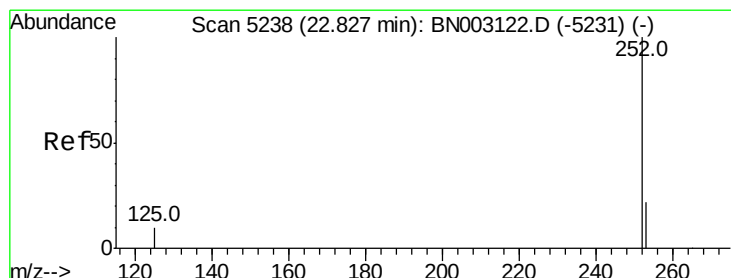
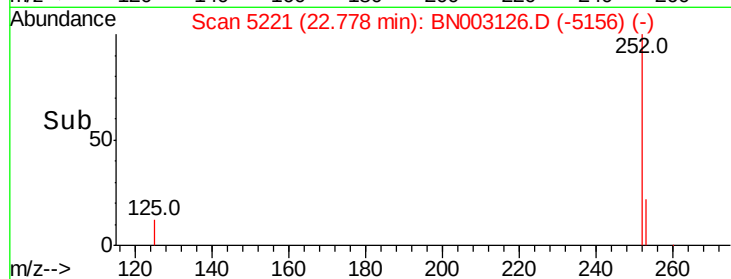
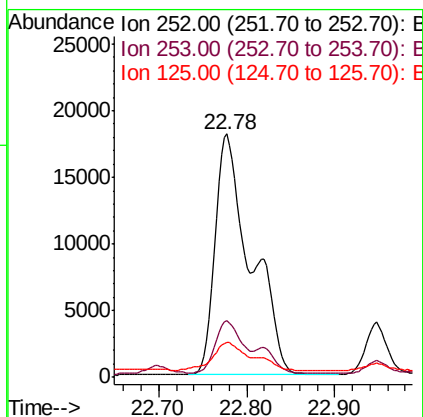
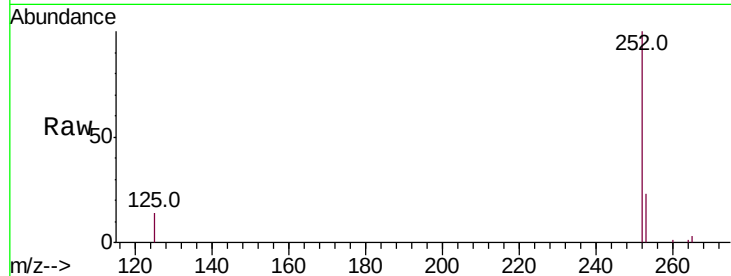




#21
Benzo(b)fluoranthene
Concen: 2.412 ng/ul
RT: 22.78 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN003126.D
Acq: 12 Oct 2018 04:49

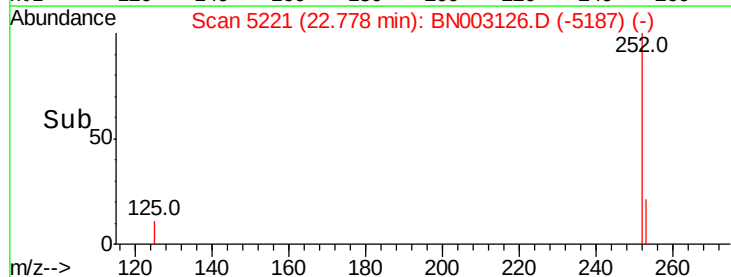
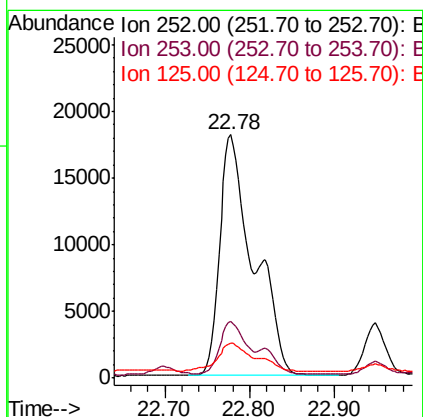
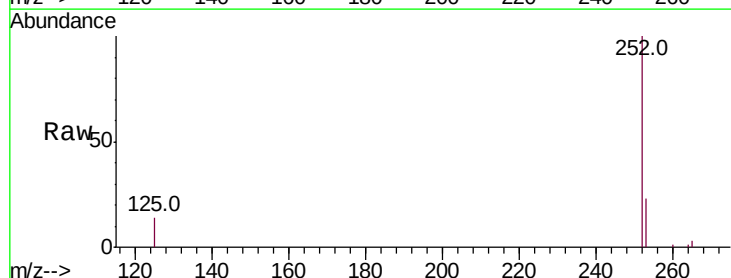
Instrument :
BNA_N
ClientSampleId :

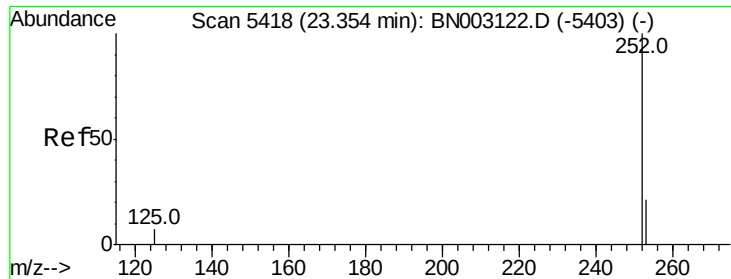
Tot Ion:252 Resp: 50226
Ion Ratio Lower Upper
252 100
253 23.5 0.0 53.2
125 14.3 0.0 34.2



#22
Benzo(k)fluoranthene
Concen: 2.327 ng/ul
RT: 22.78 min Scan# 5221
Delta R.T. -0.05 min
Lab File: BN003126.D
Acq: 12 Oct 2018 04:49

Tgt Ion:252 Resp: 50238
Ion Ratio Lower Upper
252 100
253 23.5 21.3 31.9
125 14.3 14.1 21.1





#23

Benzo(a)pyrene

Concen: 0.943 ng/ul

RT: 23.34 min Scan# 5413

Delta R.T. -0.01 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

Instrument :

BNA_N

ClientSampleId :

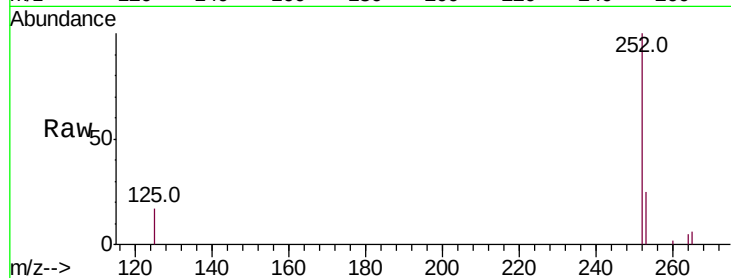
Tot Ion:252 Resp: 17598

Ion Ratio Lower Upper

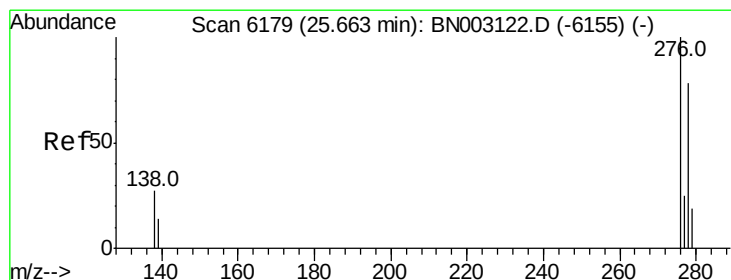
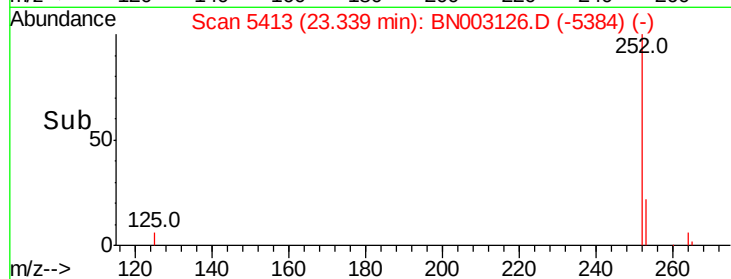
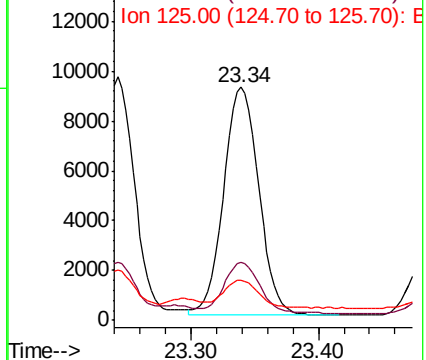
252 100

253 24.6 23.1 34.7

125 17.0 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: 0.758 ng/ul

RT: 25.65 min Scan# 6174

Delta R.T. -0.02 min

Lab File: BN003126.D

Acq: 12 Oct 2018 04:49

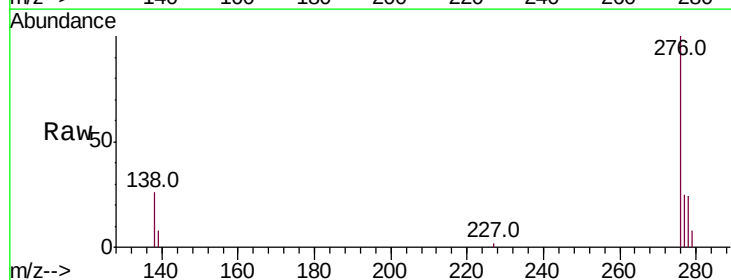
Tgt Ion:276 Resp: 16245

Ion Ratio Lower Upper

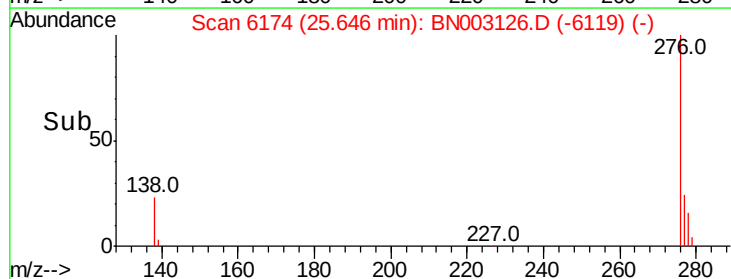
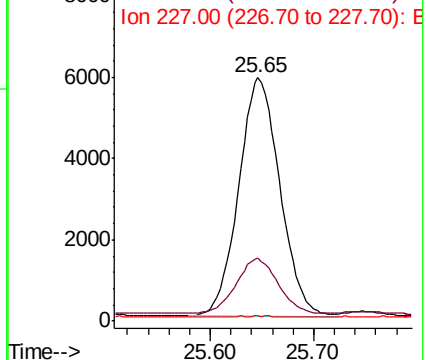
276 100

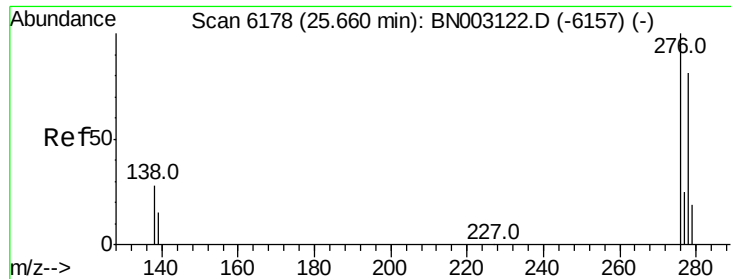
138 23.5 21.5 32.3

227 0.0 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

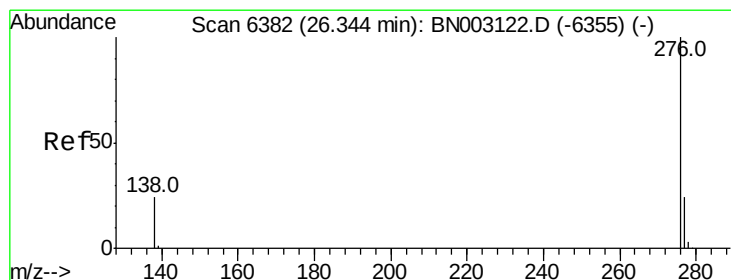
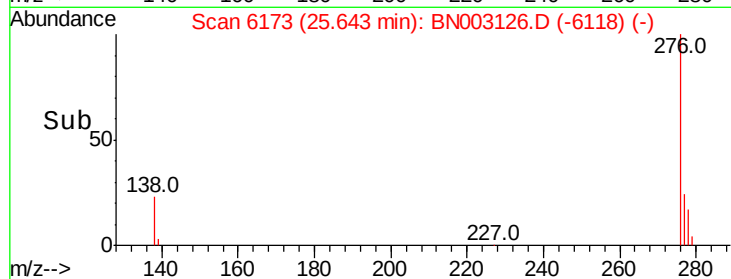
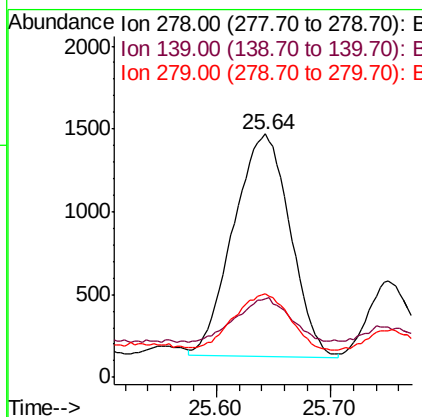
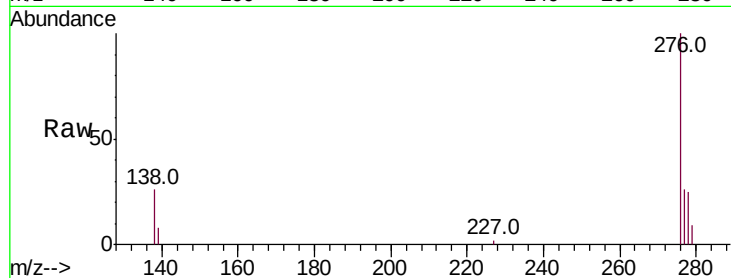




#25
Dibenzo(a,h)anthracene
Concen: 0.269 ng/ul
RT: 25.64 min Scan# 6173
Delta R.T. -0.02 min
Lab File: BN003126.D
Acq: 12 Oct 2018 04:49

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 4615
Ion Ratio Lower Upper
278 100
139 32.0 20.2 30.4#
279 34.6 23.8 35.8



#26
Benzo(g,h,i)perylene
Concen: 0.748 ng/ul
RT: 26.32 min Scan# 6376
Delta R.T. -0.02 min
Lab File: BN003126.D
Acq: 12 Oct 2018 04:49

Tgt Ion:276 Resp: 13529
Ion Ratio Lower Upper
276 100
138 26.5 23.0 34.4
277 25.3 22.0 33.0

