

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
 Data File : BN003122.D
 Acq On : 12 Oct 2018 02:28
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 05:38:50 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

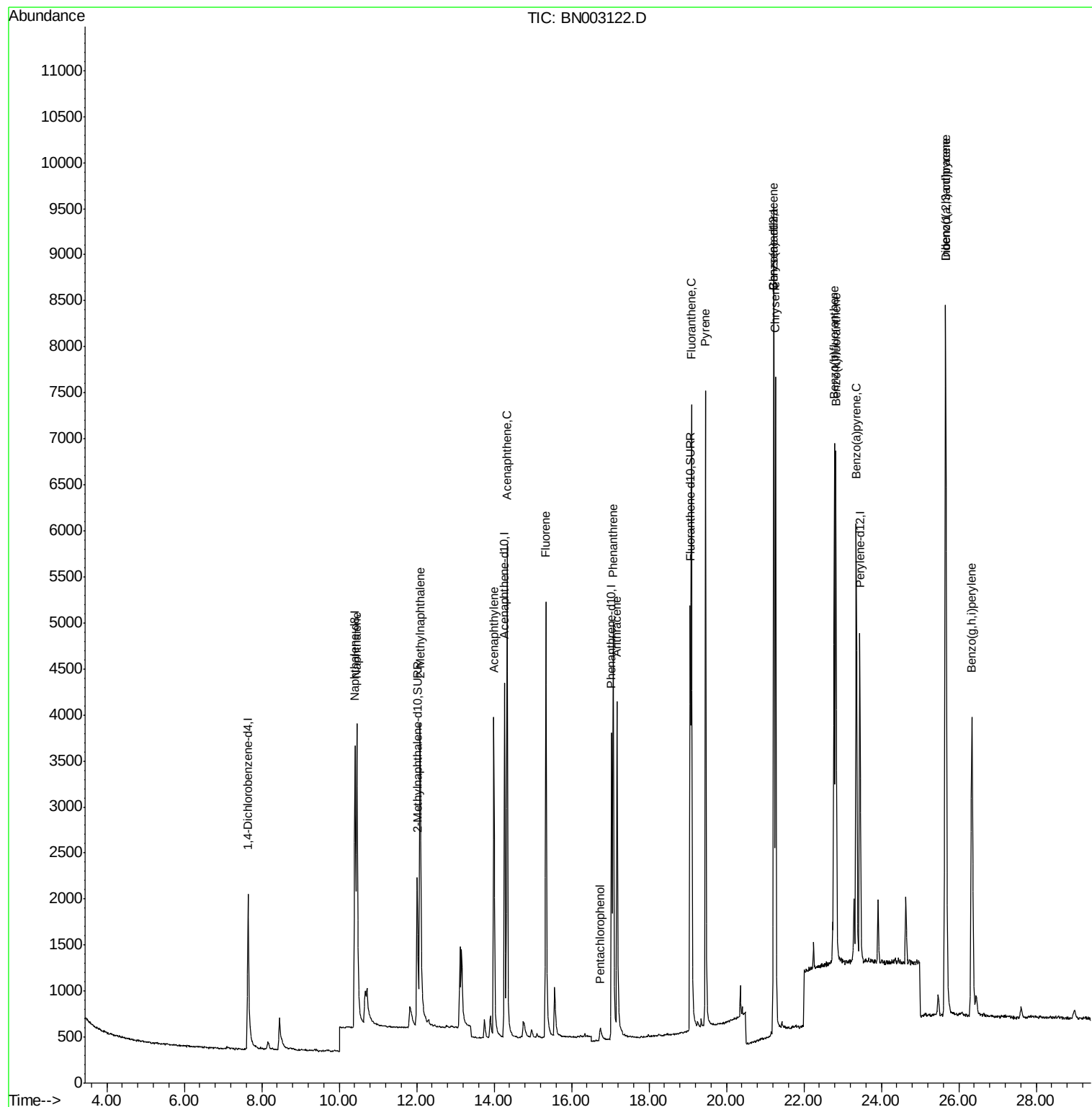
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1428	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	5807	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	2642	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	5085	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	4813	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	5152	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	3522	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	6232	0.43	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	6356	0.427	ng/ul	100
5) 2-Methylnaphthalene	12.09	142	4014	0.391	ng/ul	100
7) Acenaphthylene	14.00	152	5469	0.452	ng/ul	100
8) Acenaphthene	14.33	153	3995	0.436	ng/ul	99
9) Fluorene	15.34	166	4178	0.398	ng/ul	99
11) Pentachlorophenol	16.74	266	288	0.584	ng/ul	87
12) Phenanthrene	17.07	178	6093	0.430	ng/ul	99
13) Anthracene	17.17	178	5783	0.432	ng/ul	99
15) Fluoranthene	19.09	202	7059	0.424	ng/ul	97
17) Pyrene	19.46	202	7327	0.392	ng/ul	100
18) Benzo(a)anthracene	21.22	228	6816	0.440	ng/ul	98
19) Chrysene	21.27	228	6879	0.437	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	7278	0.392	ng/ul	99
22) Benzo(k)fluoranthene	22.83	252	7573	0.394	ng/ul	100
23) Benzo(a)pyrene	23.35	252	7138	0.429	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.66	276	8714	0.456	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.66	278	6976	0.456	ng/ul	97
26) Benzo(g,h,i)perylene	26.34	276	7366	0.457	ng/ul	99

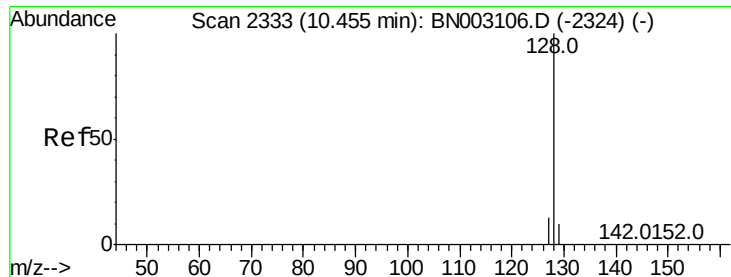
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.427 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BN003122.D

Acq: 12 Oct 2018 02:28

Instrument :

BNA_N

ClientSampleId :

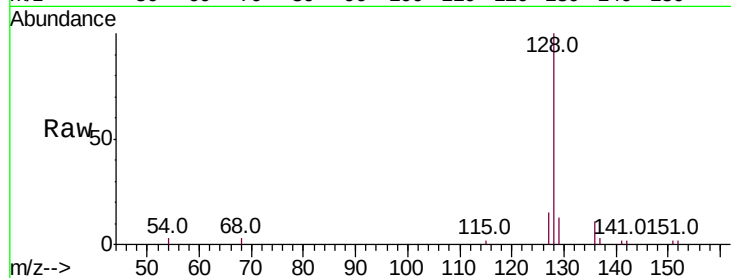
Tot Ion:128 Resp: 6356

Ion Ratio Lower Upper

128 100

129 12.7 10.4 15.6

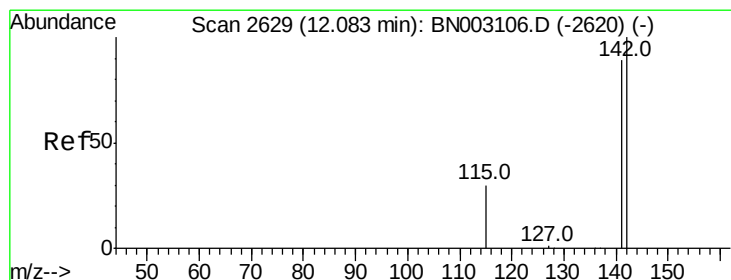
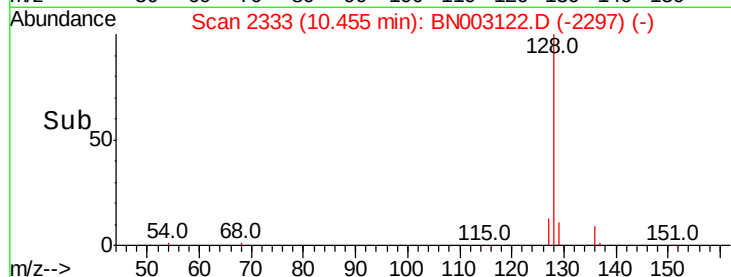
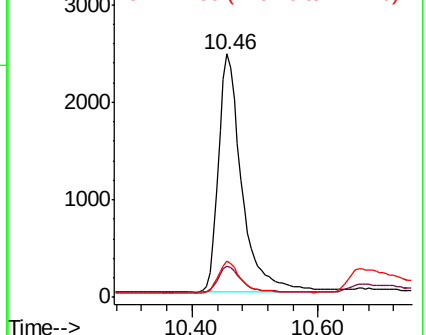
127 14.6 11.7 17.5



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: 0.391 ng/ul

RT: 12.09 min Scan# 2630

Delta R.T. 0.01 min

Lab File: BN003122.D

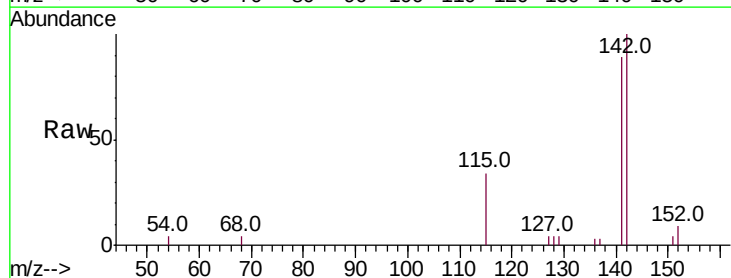
Acq: 12 Oct 2018 02:28

Tgt Ion:142 Resp: 4014

Ion Ratio Lower Upper

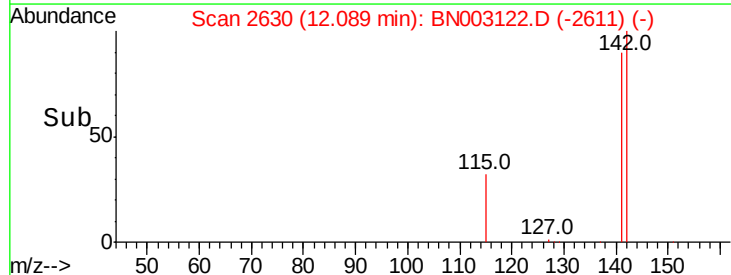
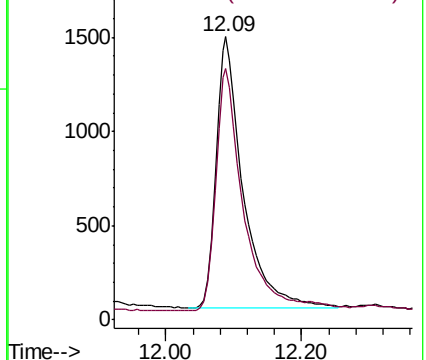
142 100

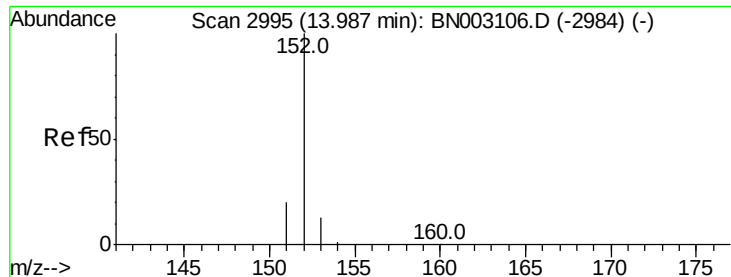
141 91.6 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.452 ng/ul

RT: 14.00 min Scan# 2997

Delta R.T. 0.01 min

Lab File: BN003122.D

Acq: 12 Oct 2018 02:28

Instrument :

BNA_N

ClientSampleId :

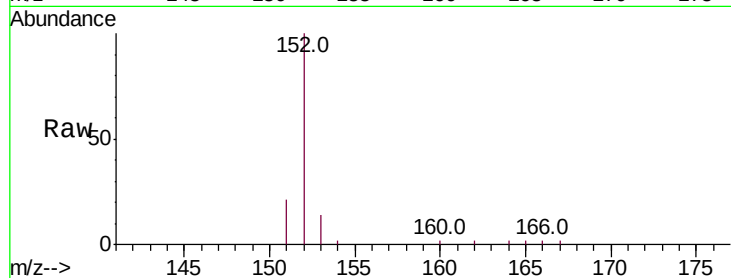
Tot Ion:152 Resp: 5469

Ion Ratio Lower Upper

152 100

151 20.8 16.5 24.7

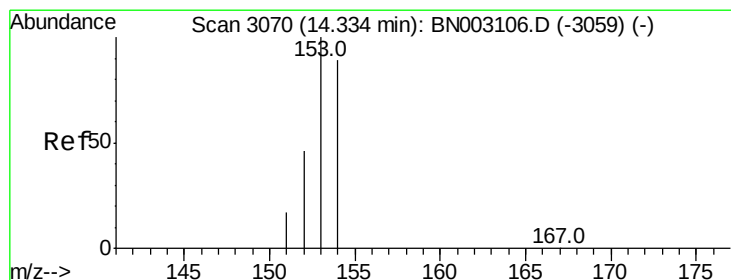
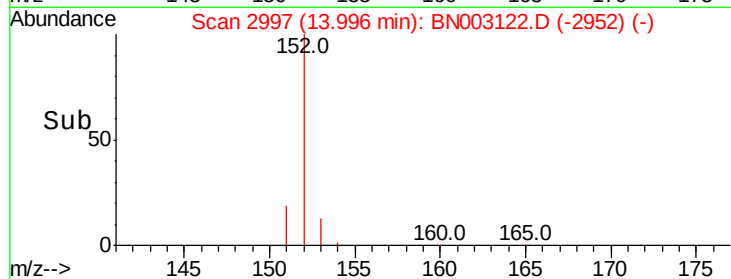
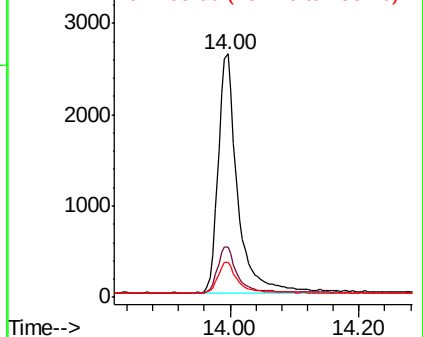
153 14.2 11.4 17.2



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: 0.436 ng/ul

RT: 14.33 min Scan# 3070

Delta R.T. -0.00 min

Lab File: BN003122.D

Acq: 12 Oct 2018 02:28

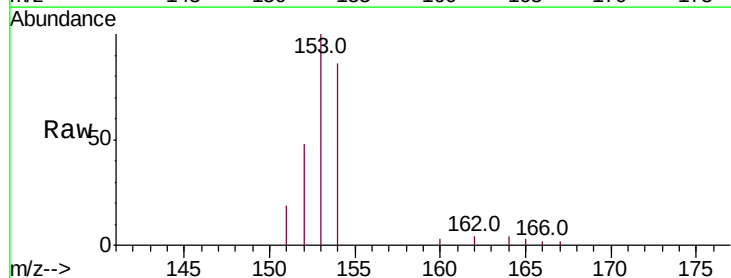
Tgt Ion:153 Resp: 3995

Ion Ratio Lower Upper

153 100

152 48.4 38.2 57.4

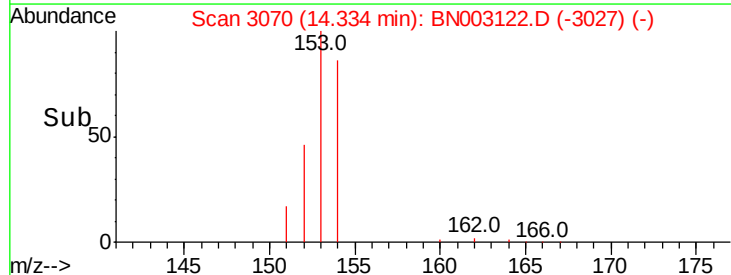
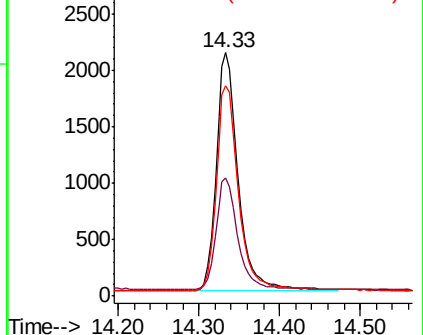
154 86.5 70.2 105.2

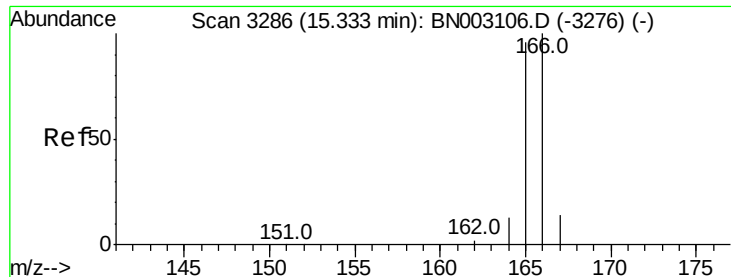


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

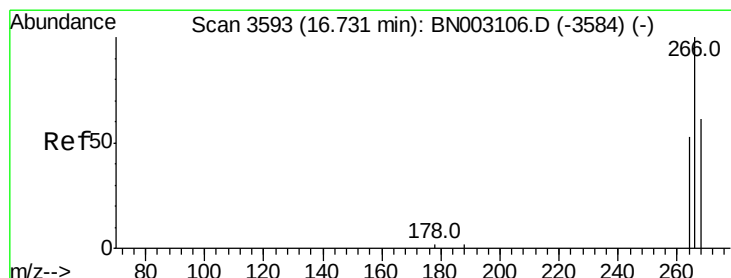
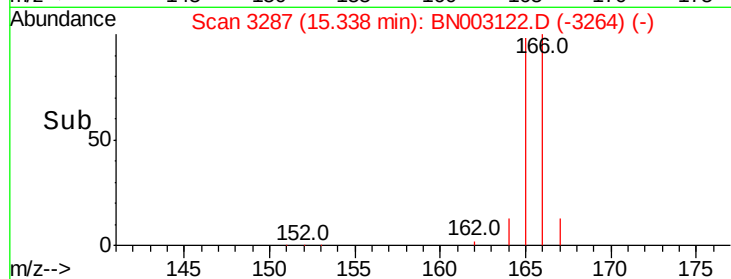
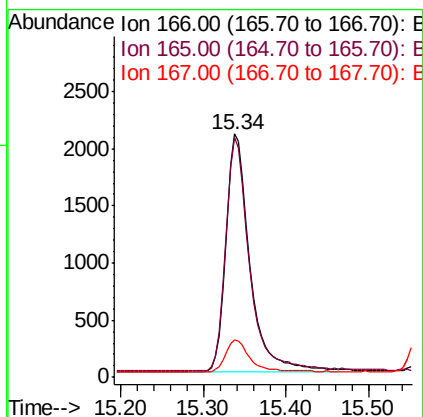
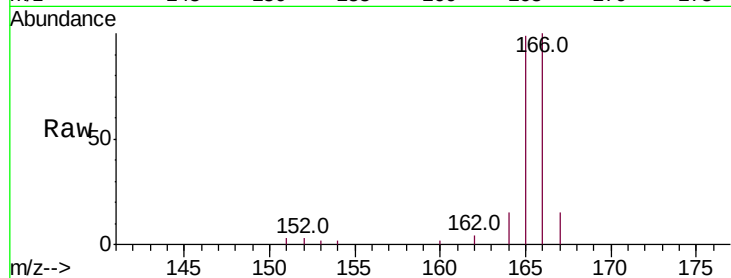




#9
Fluorene
 Concen: 0.398 ng/ul
 RT: 15.34 min Scan# 3287
 Delta R.T. 0.00 min
 Lab File: BN003122.D
 Acq: 12 Oct 2018 02:28

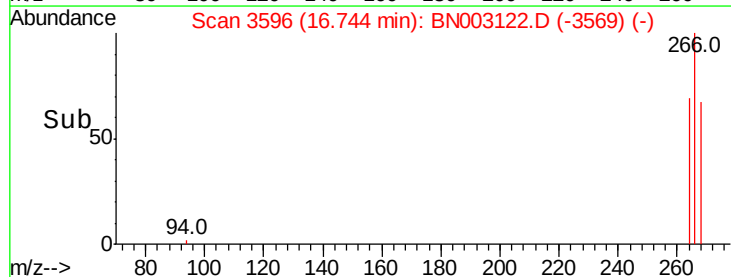
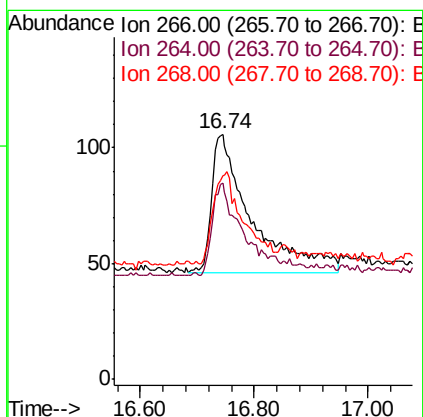
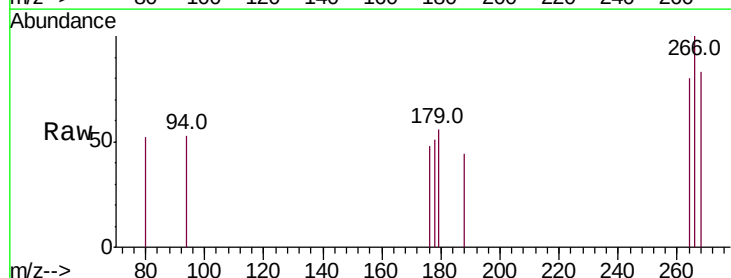
Instrument :
 BNA_N
 ClientSampleId :

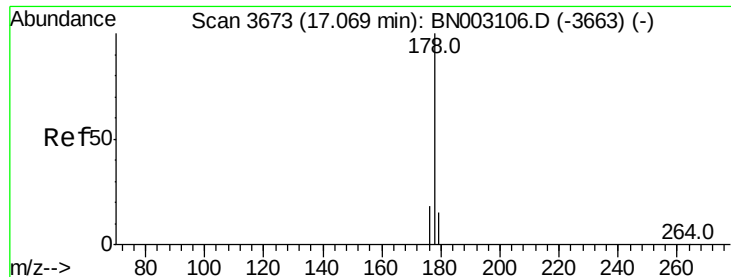
Tot Ion:166 Resp: 4178
 Ion Ratio Lower Upper
 166 100
 165 98.6 78.5 117.7
 167 15.4 11.6 17.4



#11
Pentachlorophenol
 Concen: 0.584 ng/ul
 RT: 16.74 min Scan# 3596
 Delta R.T. 0.01 min
 Lab File: BN003122.D
 Acq: 12 Oct 2018 02:28

Tgt Ion:266 Resp: 288
 Ion Ratio Lower Upper
 266 100
 264 55.9 52.5 78.7
 268 50.7 48.6 72.8





#12

Phenanthrene

Concen: 0.430 ng/ul

RT: 17.07 min Scan# 3674

Delta R.T. 0.00 min

Lab File: BN003122.D

Acq: 12 Oct 2018 02:28

Instrument :

BNA_N

ClientSampleId :

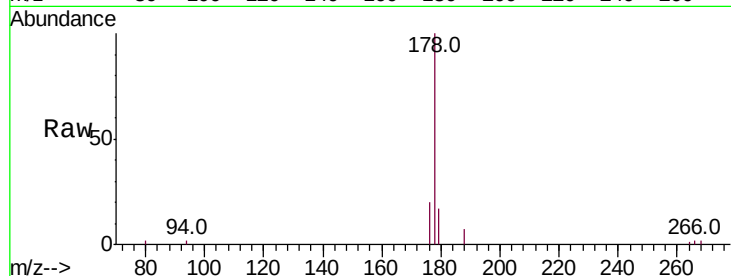
Tot Ion:178 Resp: 6093

Ion Ratio Lower Upper

178 100

179 16.6 12.9 19.3

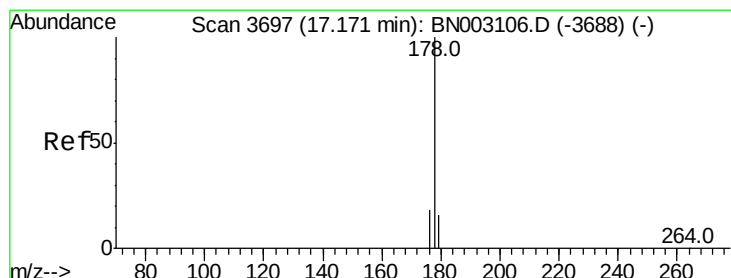
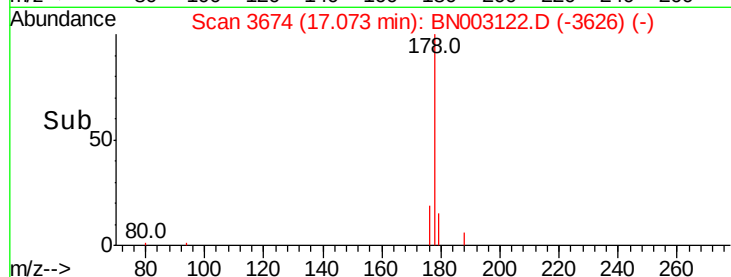
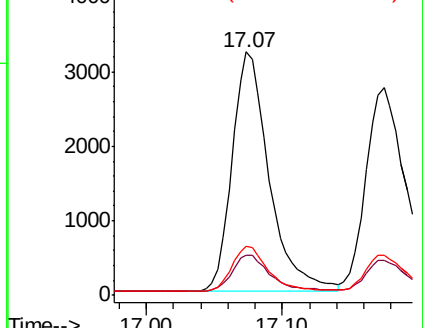
176 20.0 15.4 23.2



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



#13

Anthracene

Concen: 0.432 ng/ul

RT: 17.17 min Scan# 3698

Delta R.T. 0.00 min

Lab File: BN003122.D

Acq: 12 Oct 2018 02:28

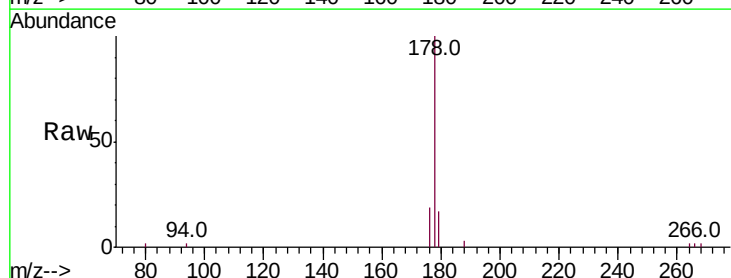
Tgt Ion:178 Resp: 5783

Ion Ratio Lower Upper

178 100

179 17.1 13.0 19.6

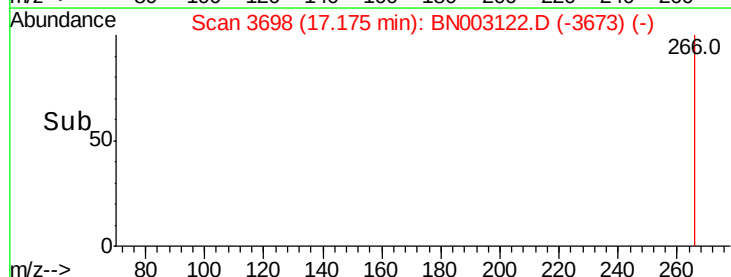
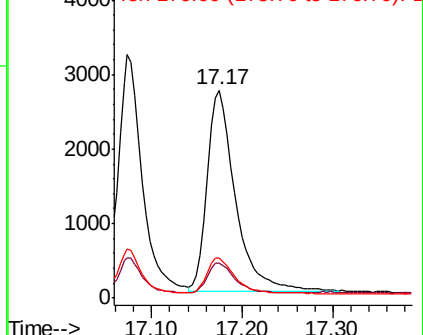
176 19.4 15.3 22.9

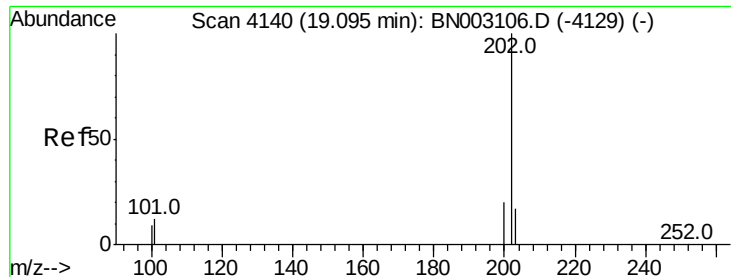


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.424 ng/ul

RT: 19.09 min Scan# 4140

Delta R.T. -0.00 min

Lab File: BN003122.D

Acq: 12 Oct 2018 02:28

Instrument :

BNA_N

ClientSampleId :

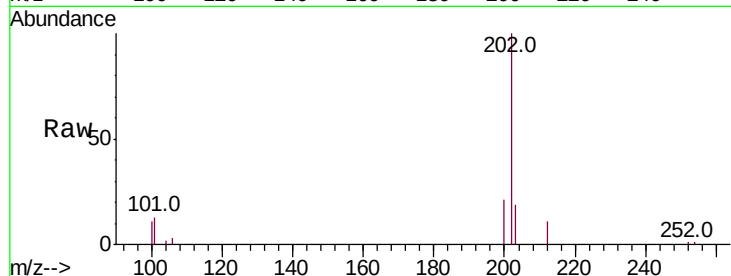
Tot Ion:202 Resp: 7059

Ion Ratio Lower Upper

202 100

101 13.4 0.0 32.3

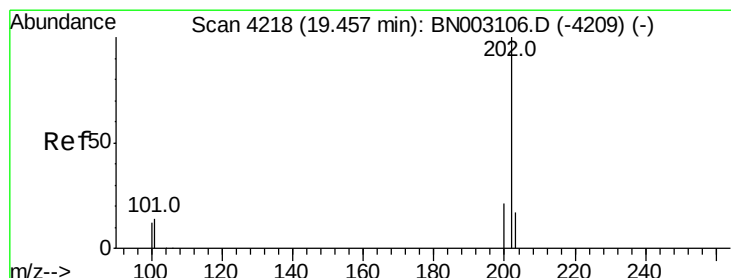
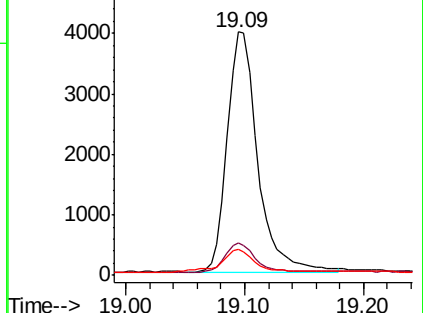
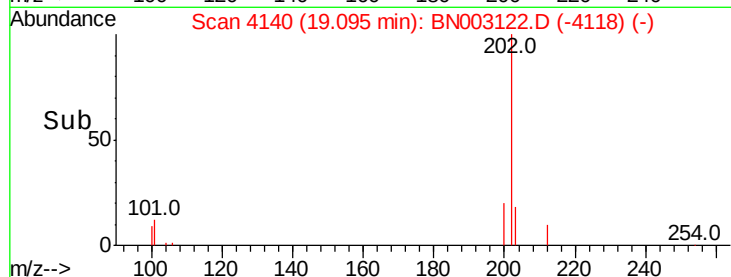
100 10.5 0.0 29.1



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: 0.392 ng/ul

RT: 19.46 min Scan# 4219

Delta R.T. 0.00 min

Lab File: BN003122.D

Acq: 12 Oct 2018 02:28

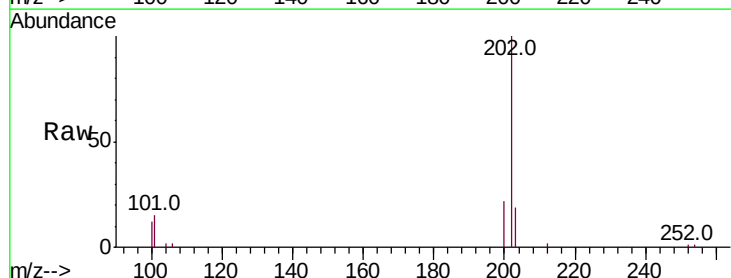
Tgt Ion:202 Resp: 7327

Ion Ratio Lower Upper

202 100

101 14.7 11.9 17.9

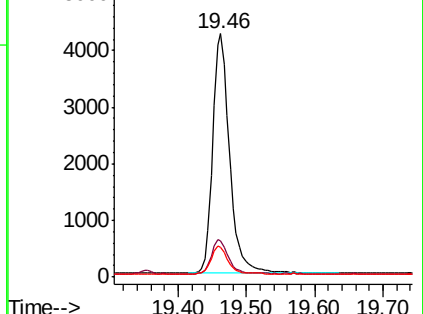
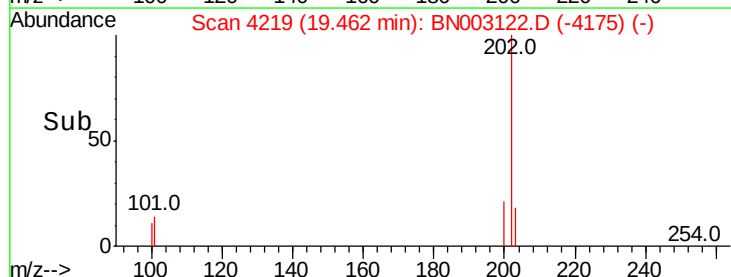
100 12.4 9.9 14.9

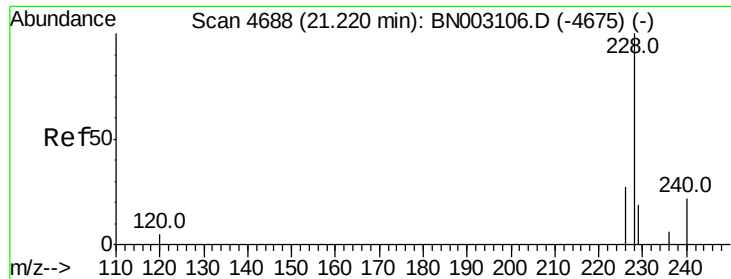


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.440 ng/ul

RT: 21.22 min Scan# 4687

Delta R.T. -0.00 min

Lab File: BN003122.D

Acq: 12 Oct 2018 02:28

Instrument :

BNA_N

ClientSampleId :

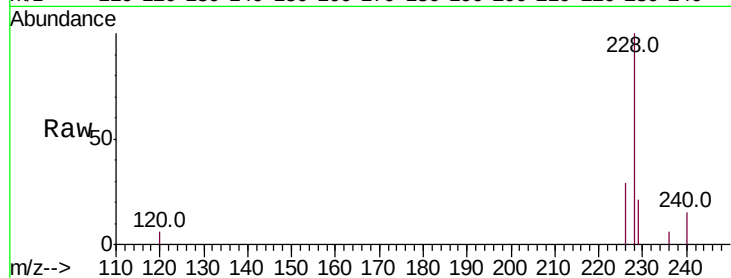
Tot Ion:228 Resp: 6816

Ion Ratio Lower Upper

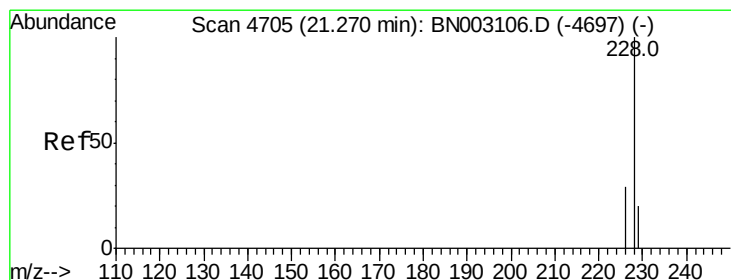
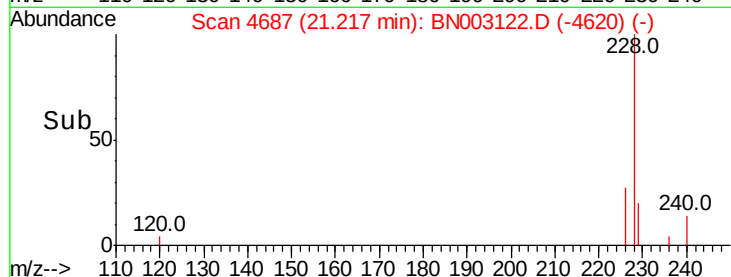
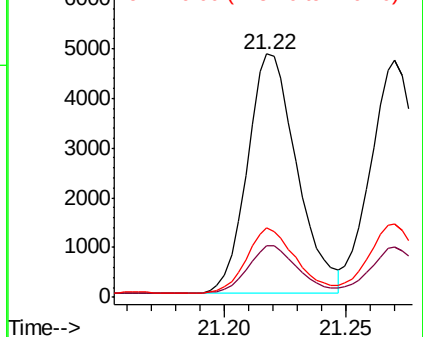
228 100

229 21.3 16.2 24.2

226 28.5 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: 0.437 ng/ul

RT: 21.27 min Scan# 4705

Delta R.T. -0.00 min

Lab File: BN003122.D

Acq: 12 Oct 2018 02:28

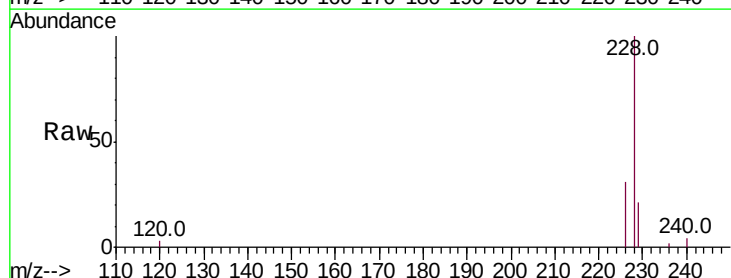
Tgt Ion:228 Resp: 6879

Ion Ratio Lower Upper

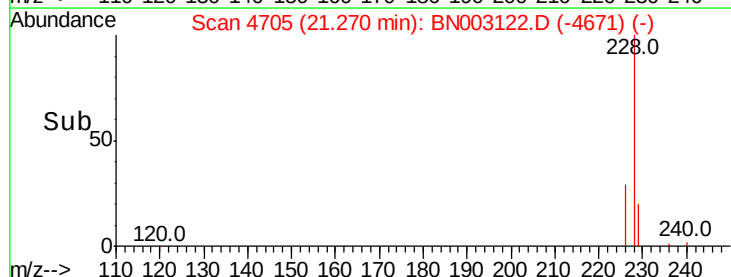
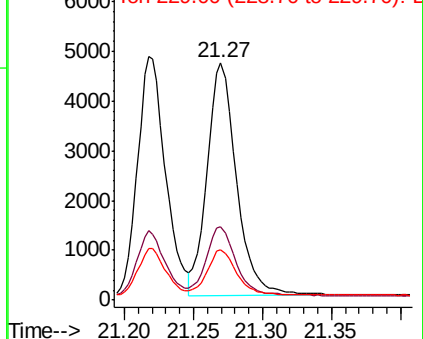
228 100

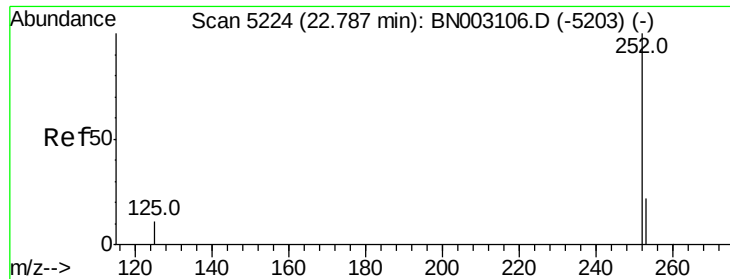
226 30.6 24.2 36.4

229 21.1 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: 0.392 ng/ul

RT: 22.79 min Scan# 5224

Delta R.T. -0.00 min

Lab File: BN003122.D

Acq: 12 Oct 2018 02:28

Instrument :

BNA_N

ClientSampleId :

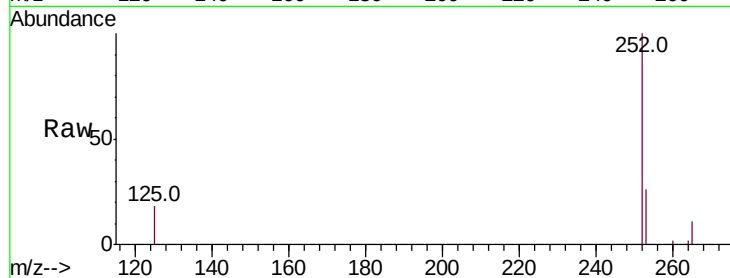
Tot Ion:252 Resp: 7278

Ion Ratio Lower Upper

252 100

253 26.1 0.0 53.2

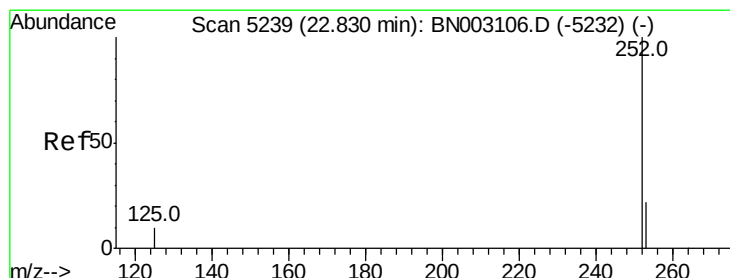
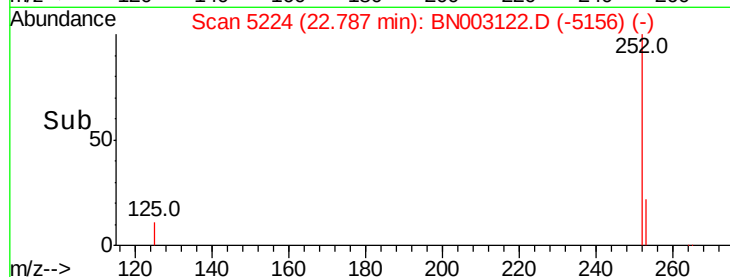
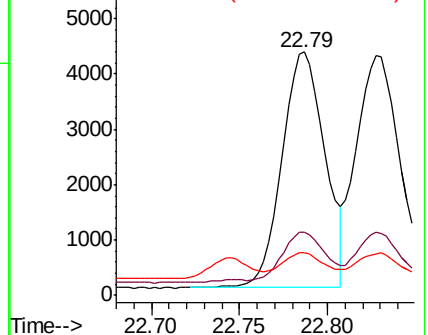
125 17.5 0.0 34.2



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: 0.394 ng/ul

RT: 22.83 min Scan# 5238

Delta R.T. -0.00 min

Lab File: BN003122.D

Acq: 12 Oct 2018 02:28

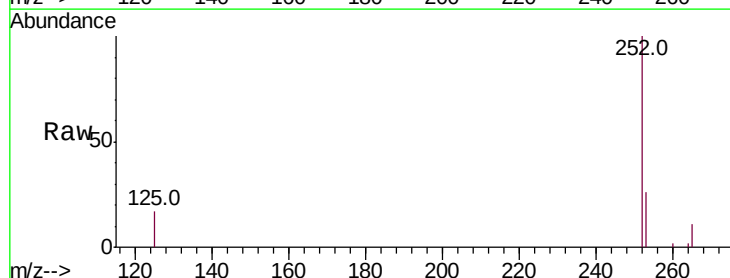
Tgt Ion:252 Resp: 7573

Ion Ratio Lower Upper

252 100

253 26.4 21.3 31.9

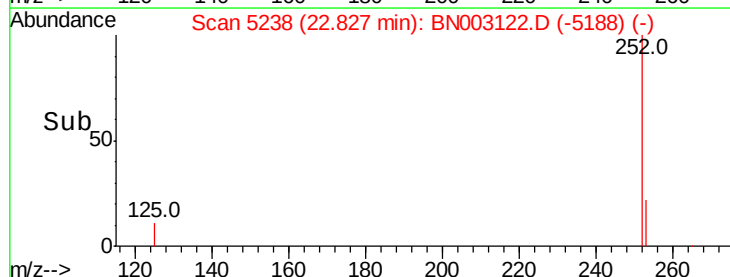
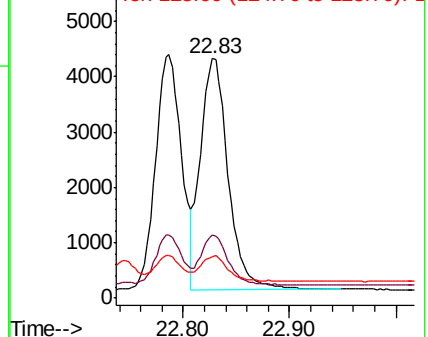
125 17.4 14.1 21.1

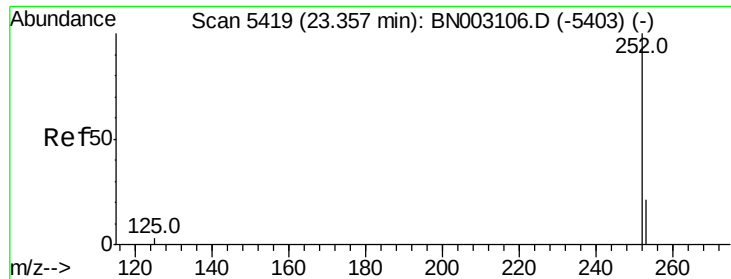


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.429 ng/ul

RT: 23.35 min Scan# 5418

Delta R.T. -0.00 min

Lab File: BN003122.D

Acq: 12 Oct 2018 02:28

Instrument :

BNA_N

ClientSampleId :

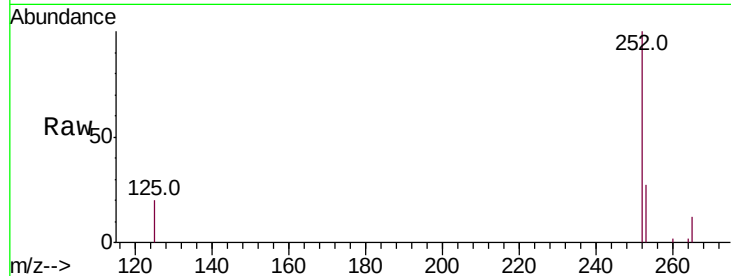
Tot Ion:252 Resp: 7138

Ion Ratio Lower Upper

252 100

253 27.0 23.1 34.7

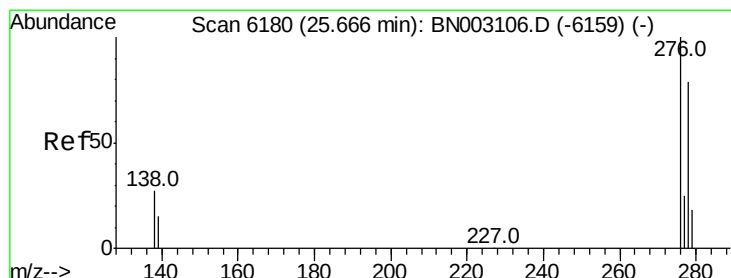
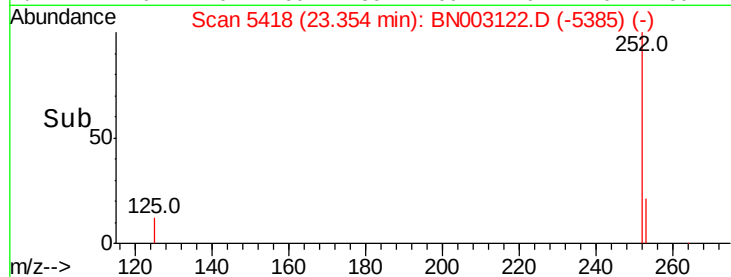
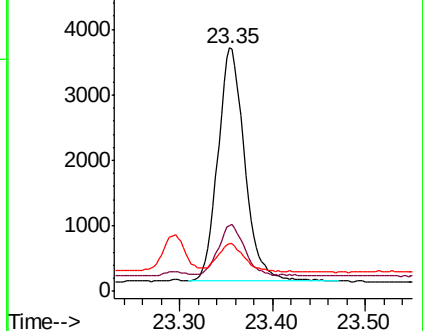
125 19.7 16.9 25.3



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: 0.456 ng/ul

RT: 25.66 min Scan# 6179

Delta R.T. -0.00 min

Lab File: BN003122.D

Acq: 12 Oct 2018 02:28

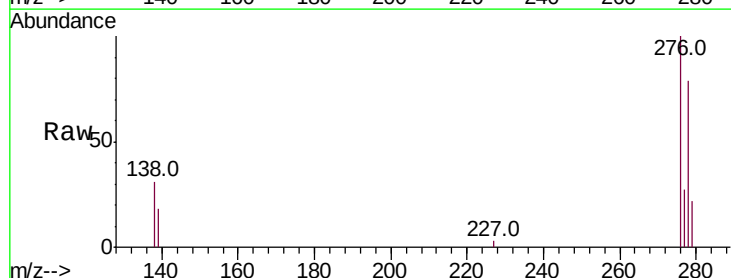
Tgt Ion:276 Resp: 8714

Ion Ratio Lower Upper

276 100

138 27.8 21.5 32.3

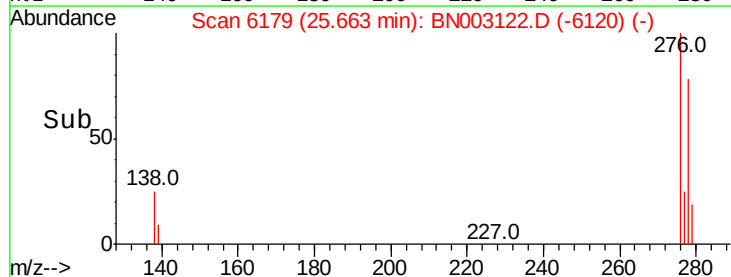
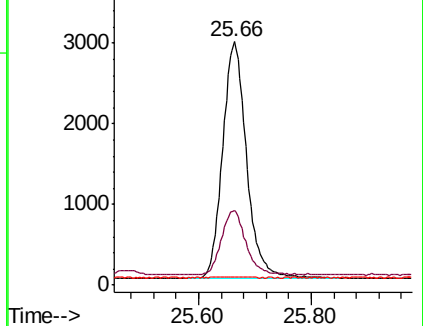
227 0.1 0.3 0.5#

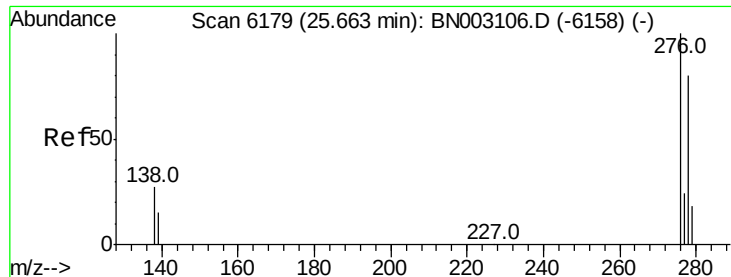


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



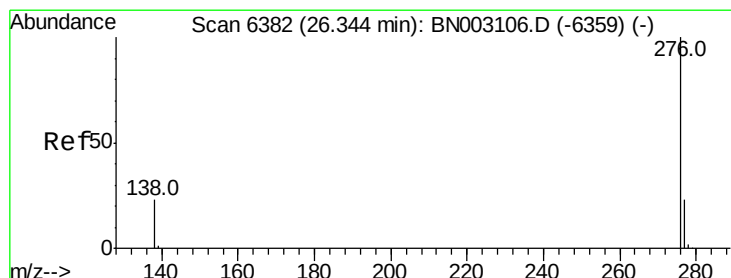
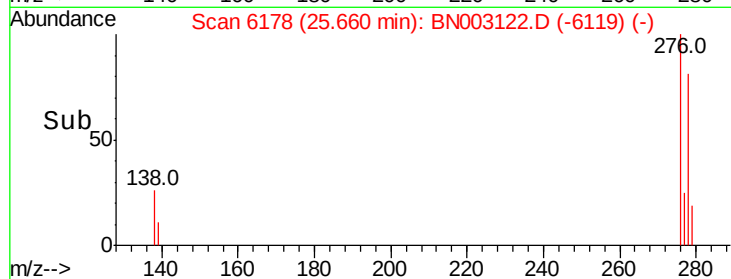
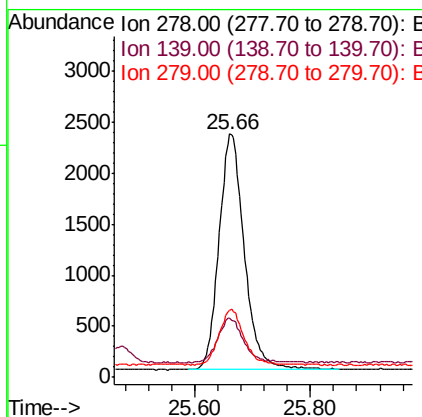
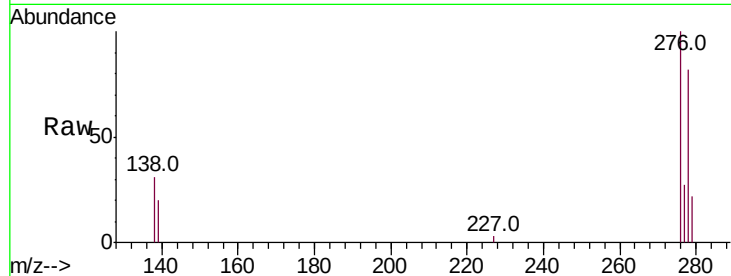


#25
Dibenzo(a,h)anthracene
Concen: 0.456 ng/ul
RT: 25.66 min Scan# 6178
Delta R.T. -0.00 min
Lab File: BN003122.D
Acq: 12 Oct 2018 02:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 6976

Ion	Ratio	Lower	Upper
278	100		
139	24.6	20.2	30.4
279	27.5	23.8	35.8



#26
Benzo(g,h,i)perylene
Concen: 0.457 ng/ul
RT: 26.34 min Scan# 6382
Delta R.T. -0.00 min
Lab File: BN003122.D
Acq: 12 Oct 2018 02:28

Tgt Ion:276 Resp: 7366

Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.0	34.4
277	26.6	22.0	33.0

