

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100918\
 Data File : BN002993.D
 Acq On : 08 Oct 2018 18:46
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 09 01:02:21 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 : Mon Oct 08 18:09:03 2018
 Response via : Initial Calibration

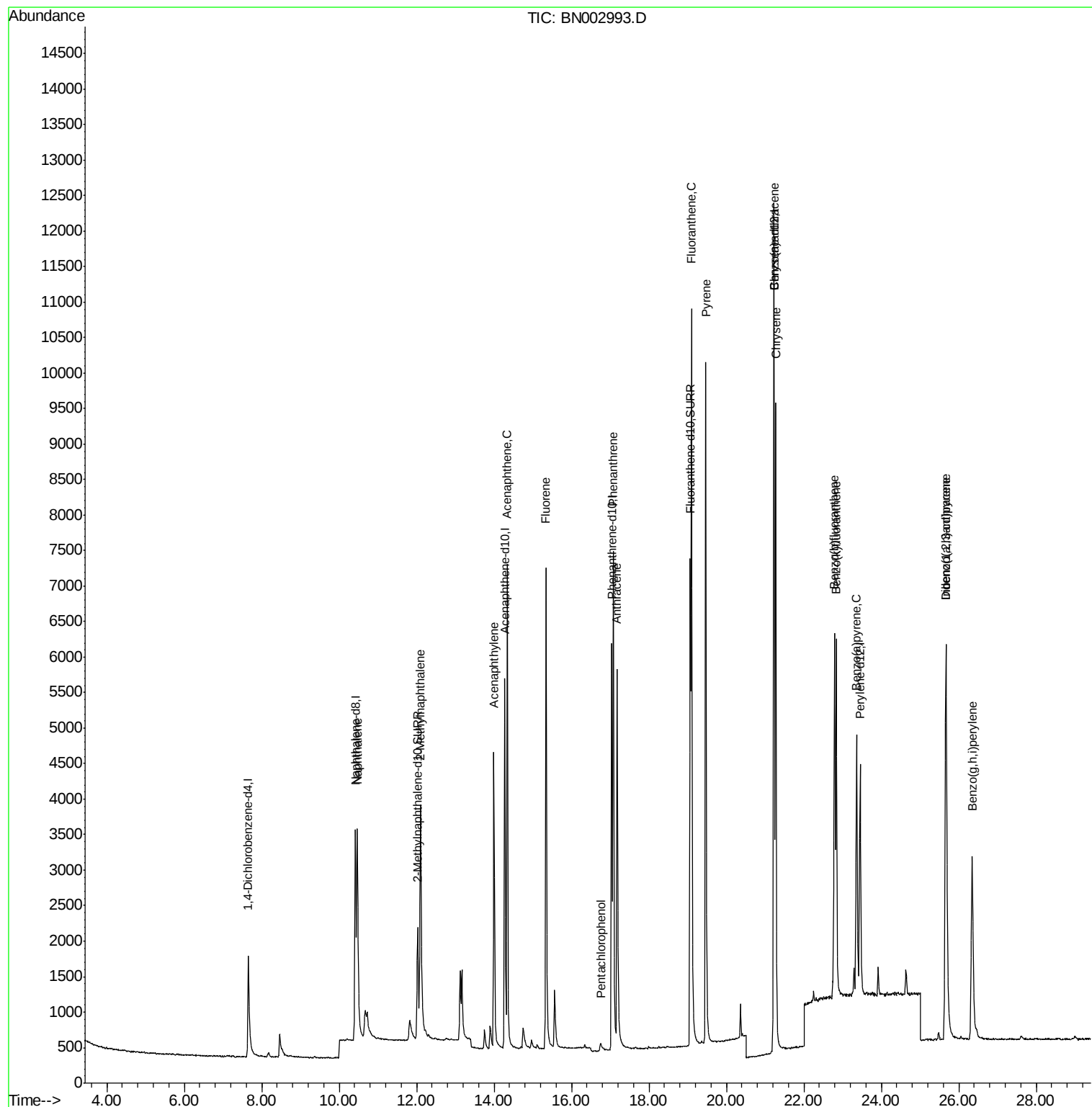
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	1251	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	5875	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	3501	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	8286	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	7118	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5116	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	3592	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	9370	0.40	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	5923	0.393	ng/ul	100
5) 2-Methylnaphthalene	12.10	142	4095	0.395	ng/ul	100
7) Acenaphthylene	14.00	152	6237	0.389	ng/ul	99
8) Acenaphthene	14.34	153	4824	0.397	ng/ul	99
9) Fluorene	15.34	166	5525	0.397	ng/ul	100
11) Pentachlorophenol	16.74	266	218	0.271	ng/ul	92
12) Phenanthrene	17.08	178	9083	0.393	ng/ul	100
13) Anthracene	17.17	178	8422	0.386	ng/ul	99
15) Fluoranthene	19.10	202	10681	0.394	ng/ul	99
17) Pyrene	19.47	202	10824	0.392	ng/ul	99
18) Benzo(a)anthracene	21.22	228	8902	0.389	ng/ul	100
19) Chrysene	21.27	228	9242	0.397	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	7130	0.387	ng/ul	99
22) Benzo(k)fluoranthene	22.83	252	7534	0.394	ng/ul	98
23) Benzo(a)pyrene	23.36	252	6464	0.391	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.67	276	7396	0.390	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.67	278	5954	0.392	ng/ul	99
26) Benzo(g,h,i)perylene	26.35	276	6268	0.392	ng/ul	99

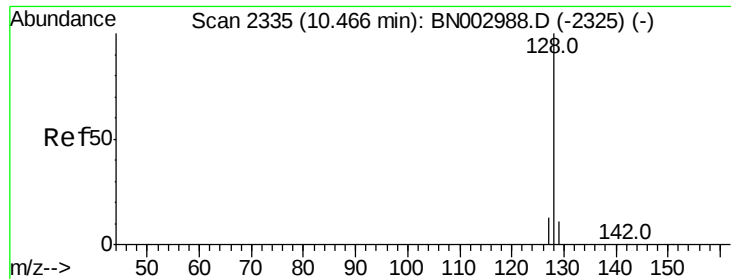
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.393 ng/ul

RT: 10.47 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BN002993.D

Acq: 08 Oct 2018 18:46

Instrument :

BNA_N

ClientSampleId :

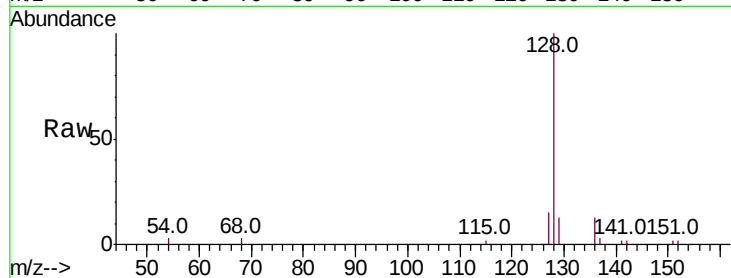
Tot Ion:128 Resp: 5923

Ion Ratio Lower Upper

128 100

129 12.7 10.4 15.6

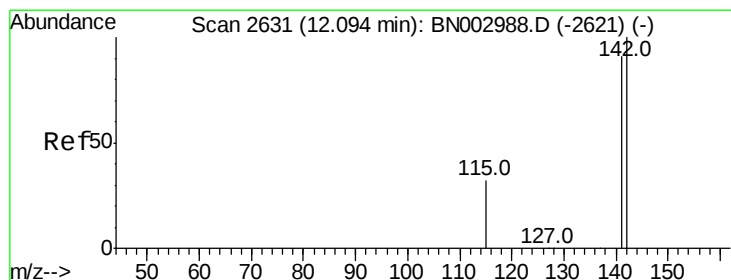
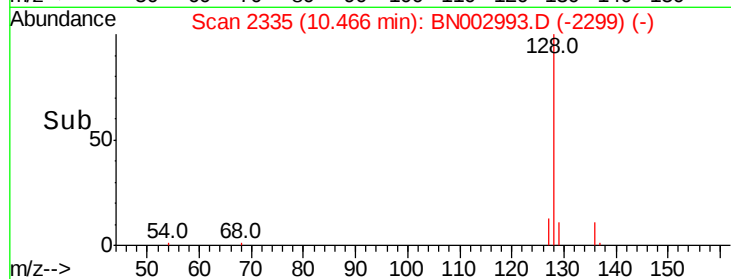
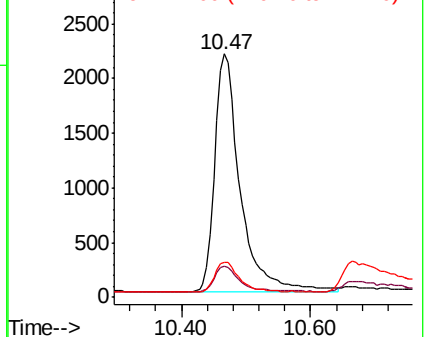
127 14.6 11.7 17.5



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: 0.395 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. 0.01 min

Lab File: BN002993.D

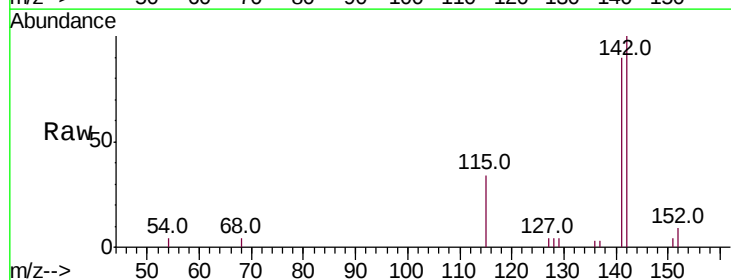
Acq: 08 Oct 2018 18:46

Tgt Ion:142 Resp: 4095

Ion Ratio Lower Upper

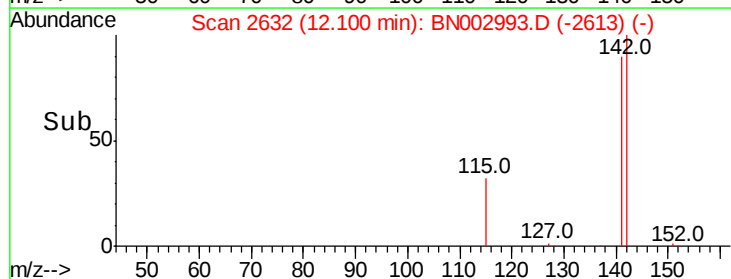
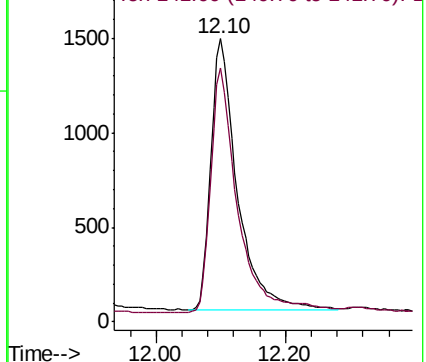
142 100

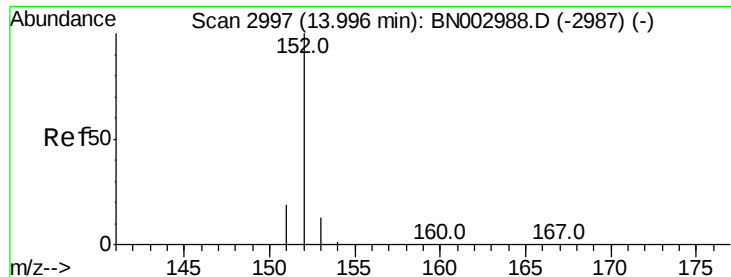
141 91.6 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.389 ng/ul

RT: 14.00 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BN002993.D

Acq: 08 Oct 2018 18:46

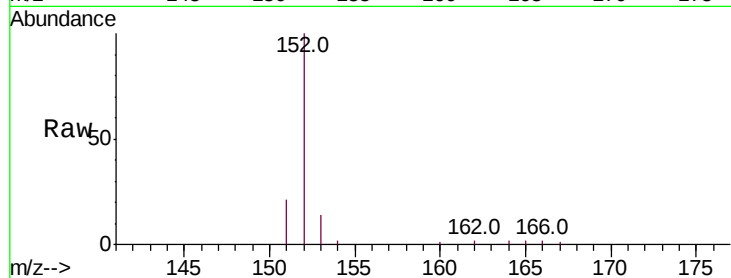
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 6237

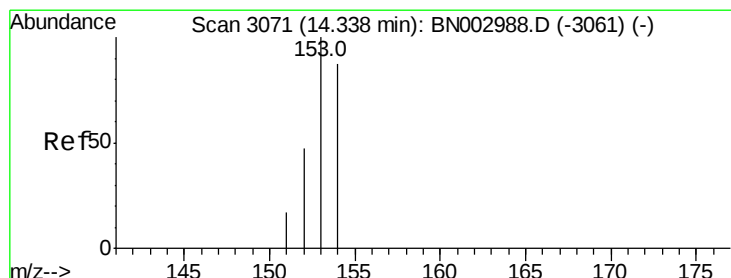
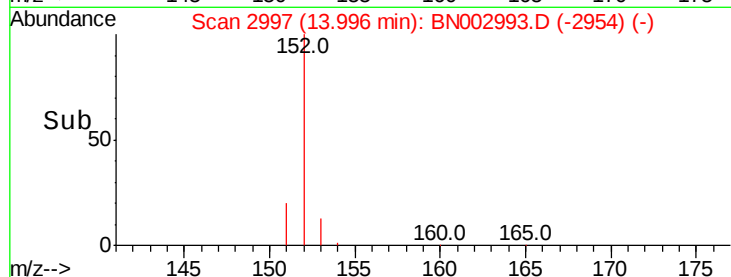
Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.5	24.7
153	14.4	11.4	17.2



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: 0.397 ng/ul

RT: 14.34 min Scan# 3071

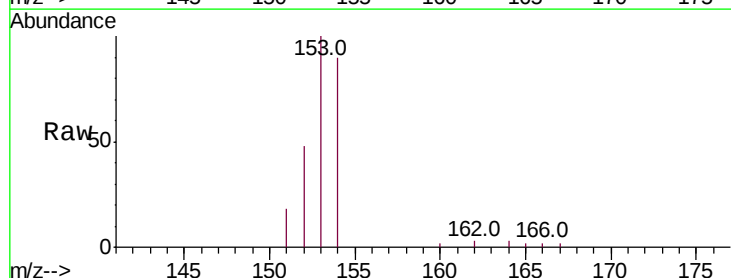
Delta R.T. 0.00 min

Lab File: BN002993.D

Acq: 08 Oct 2018 18:46

Tgt Ion:153 Resp: 4824

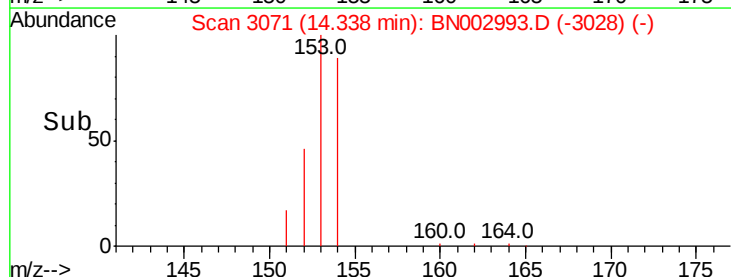
Ion	Ratio	Lower	Upper
153	100		
152	47.9	38.2	57.4
154	89.5	70.2	105.2

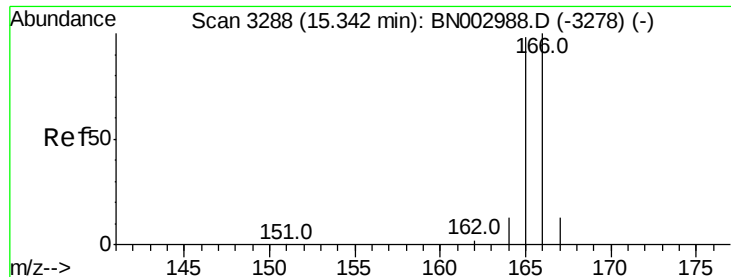


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.397 ng/ul

RT: 15.34 min Scan# 3288

Delta R.T. 0.00 min

Lab File: BN002993.D

Acq: 08 Oct 2018 18:46

Instrument :

BNA_N

ClientSampleId :

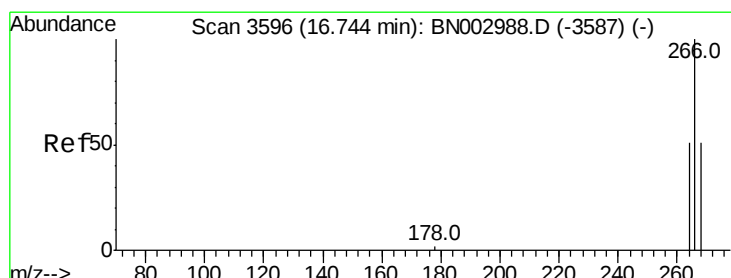
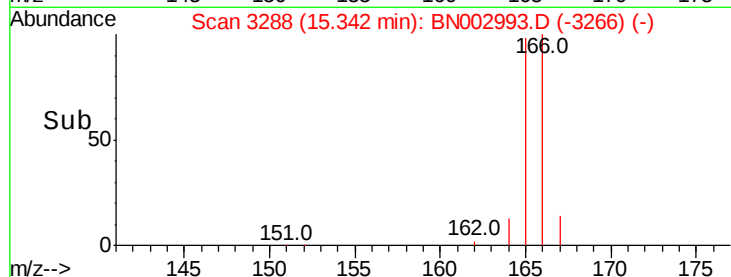
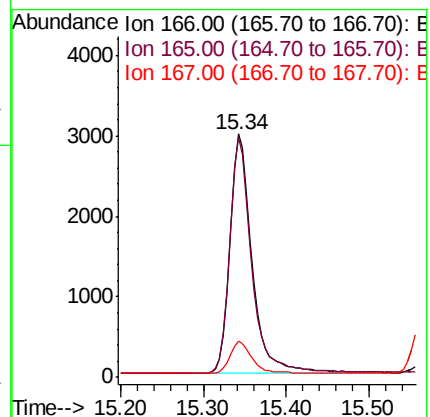
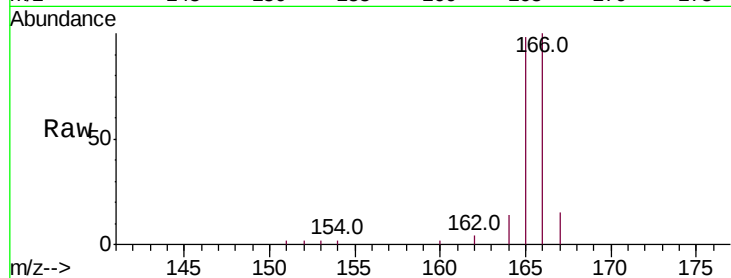
Tot Ion:166 Resp: 5525

Ion Ratio Lower Upper

166 100

165 98.2 78.5 117.7

167 15.0 11.6 17.4



#11

Pentachlorophenol

Concen: 0.271 ng/ul

RT: 16.74 min Scan# 3596

Delta R.T. 0.00 min

Lab File: BN002993.D

Acq: 08 Oct 2018 18:46

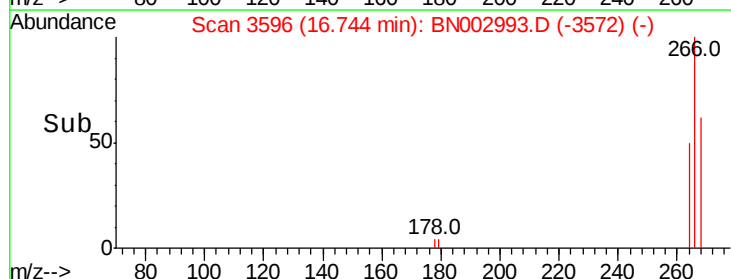
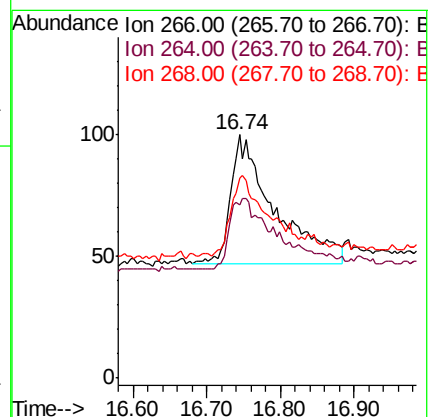
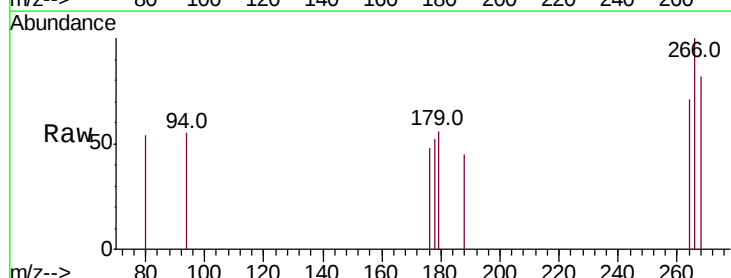
Tgt Ion:266 Resp: 218

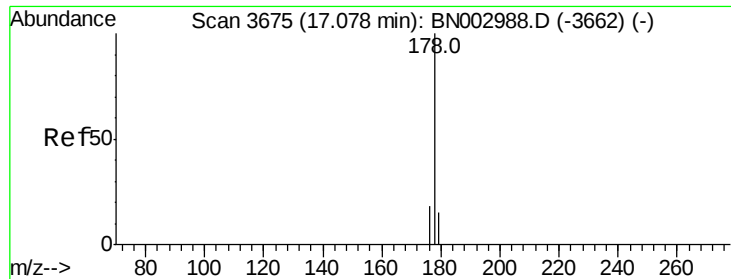
Ion Ratio Lower Upper

266 100

264 61.9 52.5 78.7

268 69.7 48.6 72.8

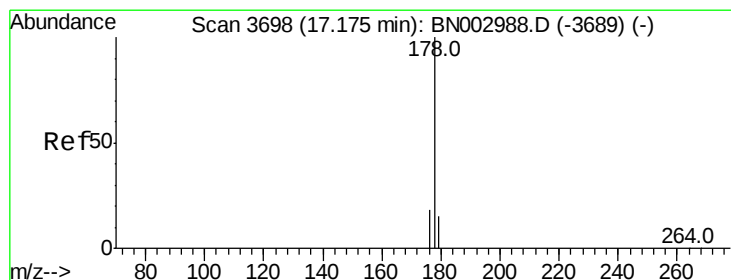
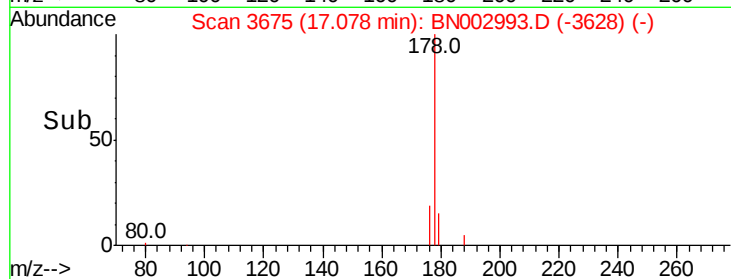
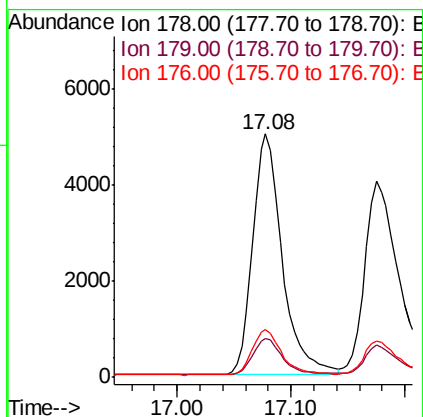
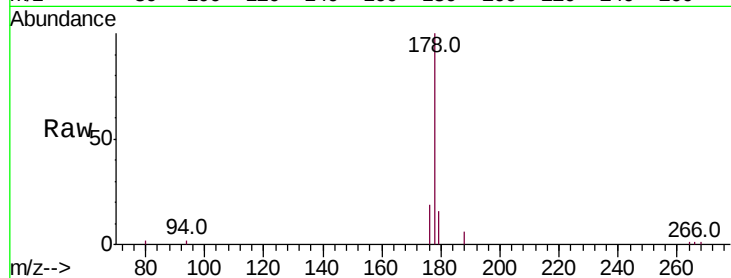




#12
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.08 min Scan# 3675
Delta R.T. 0.00 min
Lab File: BN002993.D
Acq: 08 Oct 2018 18:46

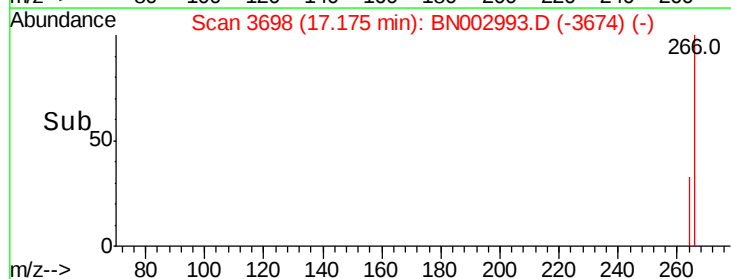
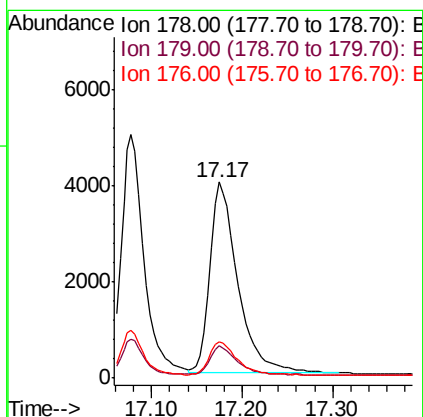
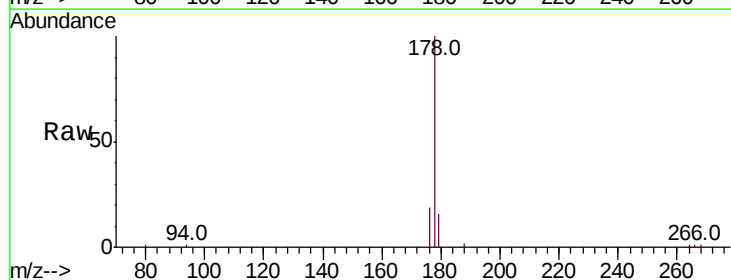
Instrument :
BNA_N
ClientSampleId :

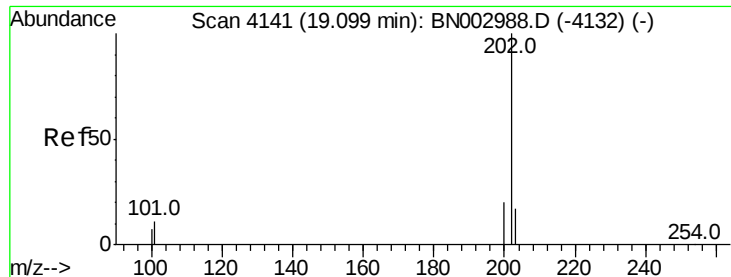
Tot Ion:178 Resp: 9083
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.4 15.4 23.2



#13
Anthracene
Concen: 0.386 ng/ul
RT: 17.17 min Scan# 3698
Delta R.T. 0.00 min
Lab File: BN002993.D
Acq: 08 Oct 2018 18:46

Tgt Ion:178 Resp: 8422
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.6
176 18.5 15.3 22.9

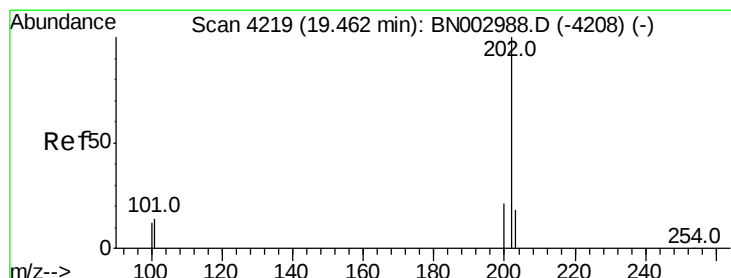
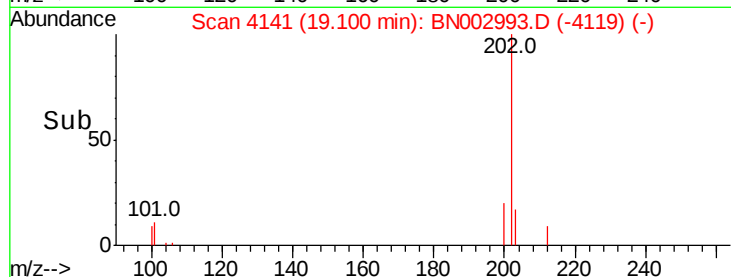
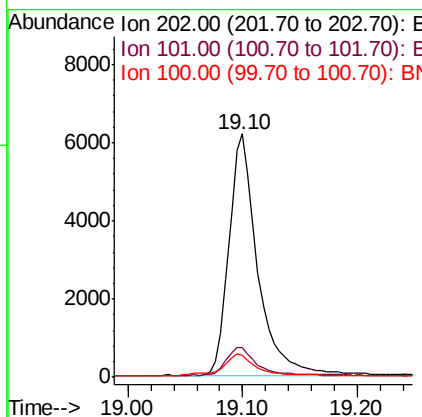
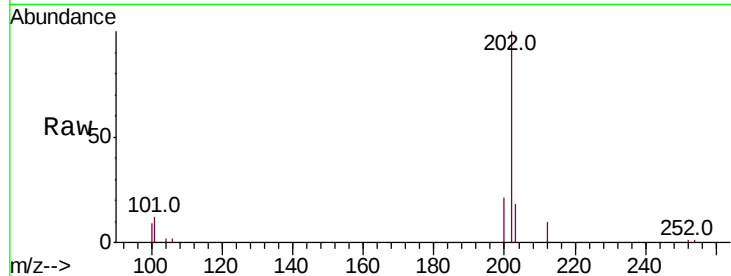




#15
Fluoranthene
 Concen: 0.394 ng/ul
 RT: 19.10 min Scan# 4141
 Delta R.T. 0.00 min
 Lab File: BN002993.D
 Acq: 08 Oct 2018 18:46

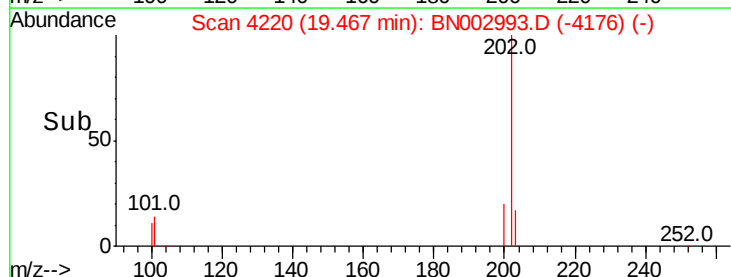
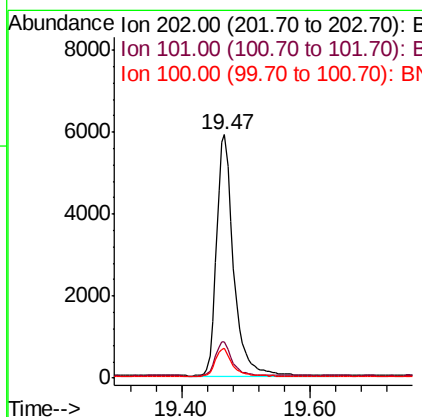
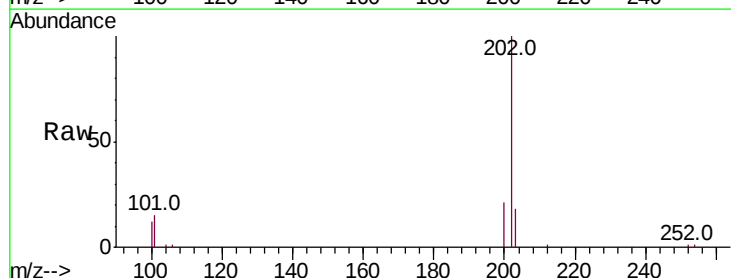
Instrument :
 BNA_N
 ClientSampleId :

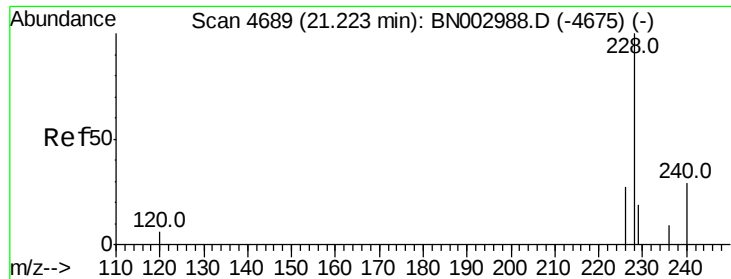
Tot Ion:202 Resp: 10681
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 32.3
 100 9.4 0.0 29.1



#17
Pyrene
 Concen: 0.392 ng/ul
 RT: 19.47 min Scan# 4220
 Delta R.T. 0.00 min
 Lab File: BN002993.D
 Acq: 08 Oct 2018 18:46

Tgt Ion:202 Resp: 10824
 Ion Ratio Lower Upper
 202 100
 101 14.7 11.9 17.9
 100 12.1 9.9 14.9





#18

Benzo(a)anthracene

Concen: 0.389 ng/ul

RT: 21.22 min Scan# 4688

Delta R.T. -0.00 min

Lab File: BN002993.D

Acq: 08 Oct 2018 18:46

Instrument :

BNA_N

ClientSampleId :

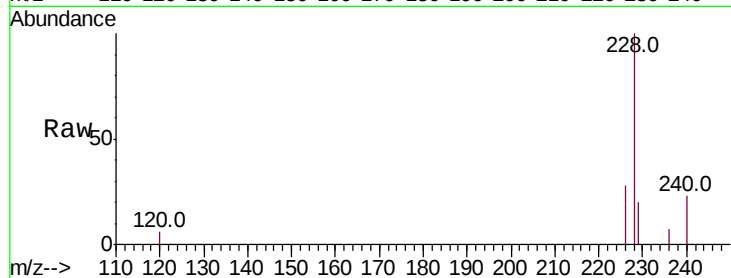
Tot Ion:228 Resp: 8902

Ion Ratio Lower Upper

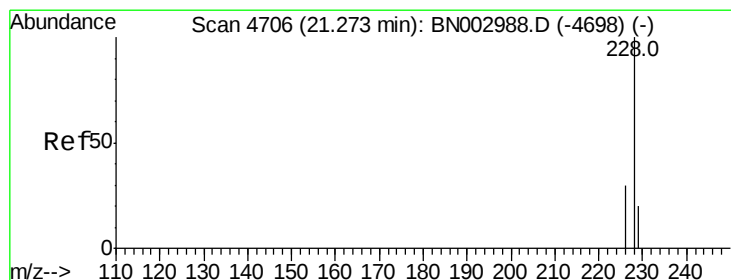
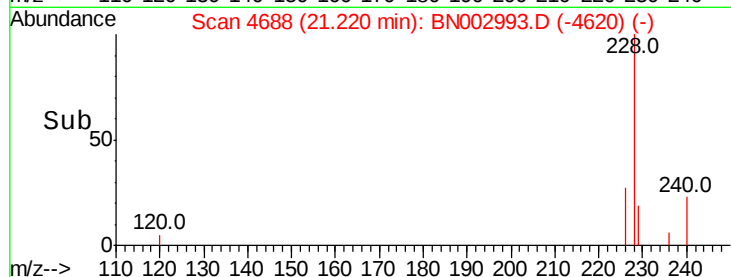
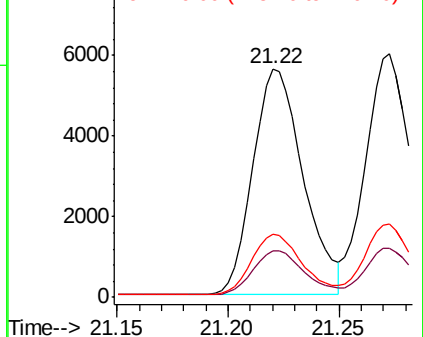
228 100

229 20.3 16.2 24.2

226 27.6 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: 0.397 ng/ul

RT: 21.27 min Scan# 4706

Delta R.T. 0.00 min

Lab File: BN002993.D

Acq: 08 Oct 2018 18:46

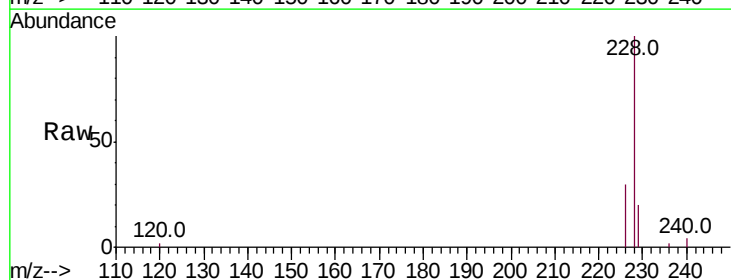
Tgt Ion:228 Resp: 9242

Ion Ratio Lower Upper

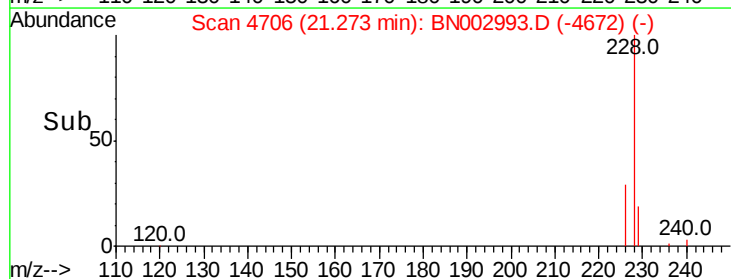
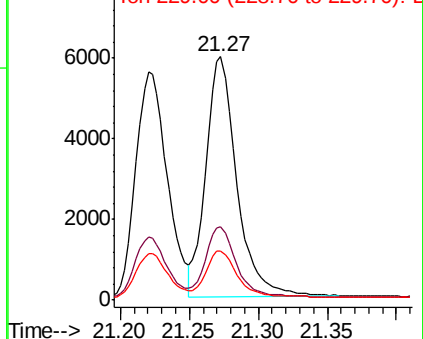
228 100

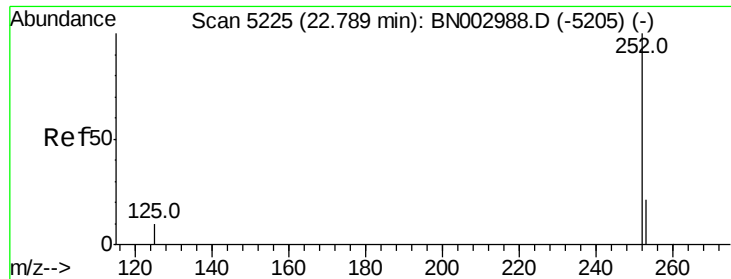
226 29.9 24.2 36.4

229 20.4 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: 0.387 ng/u1

RT: 22.79 min Scan# 5225

Delta R.T. 0.00 min

Lab File: BN002993.D

Acq: 08 Oct 2018 18:46

Instrument :

BNA_N

ClientSampled :

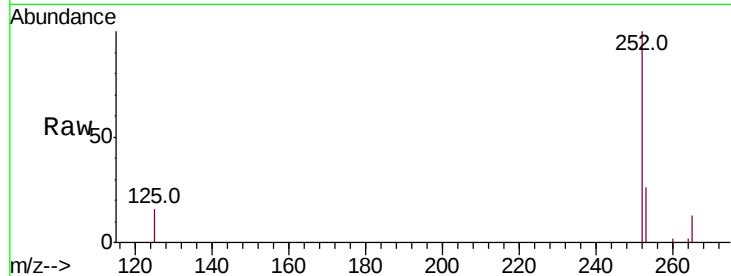
Tot Ion:252 Resp: 7130

Ion Ratio Lower Upper

252 100

253 26.5 0.0 53.2

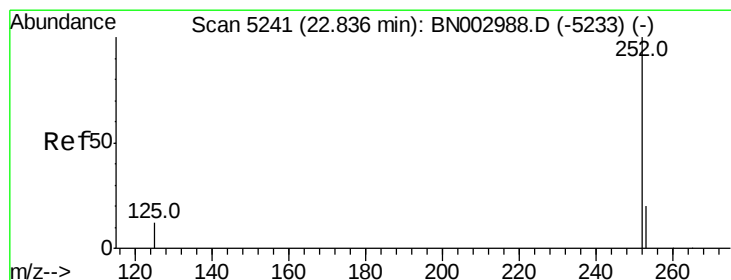
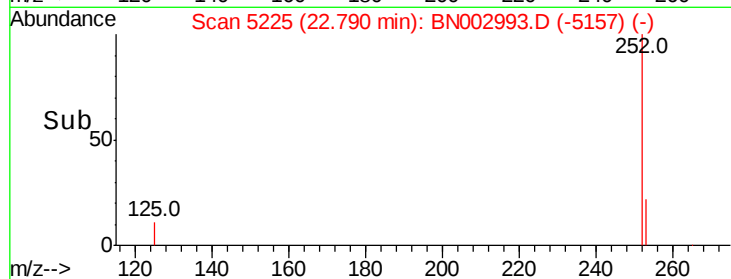
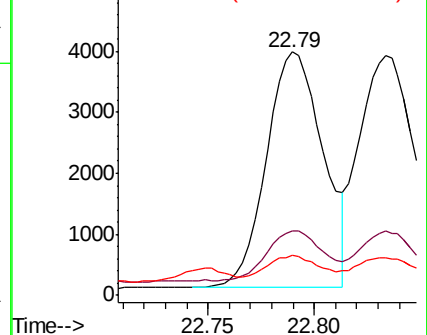
125 16.4 0.0 34.2



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: 0.394 ng/u1

RT: 22.83 min Scan# 5240

Delta R.T. -0.00 min

Lab File: BN002993.D

Acq: 08 Oct 2018 18:46

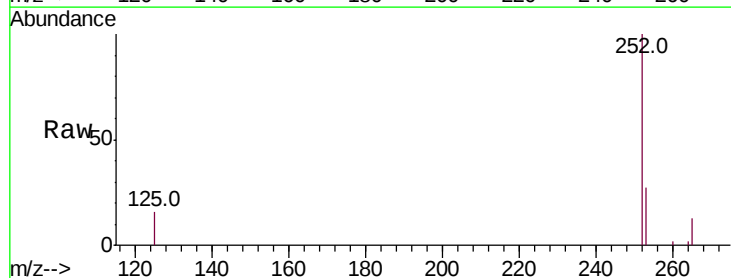
Tgt Ion:252 Resp: 7534

Ion Ratio Lower Upper

252 100

253 26.9 21.3 31.9

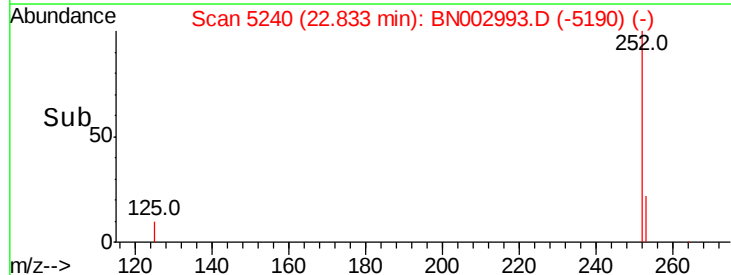
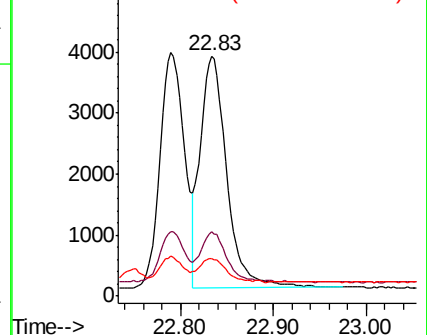
125 15.8 14.1 21.1

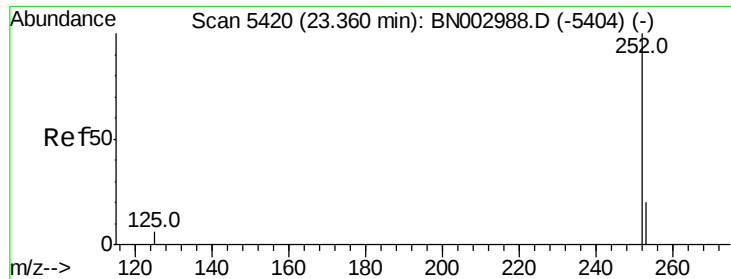


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

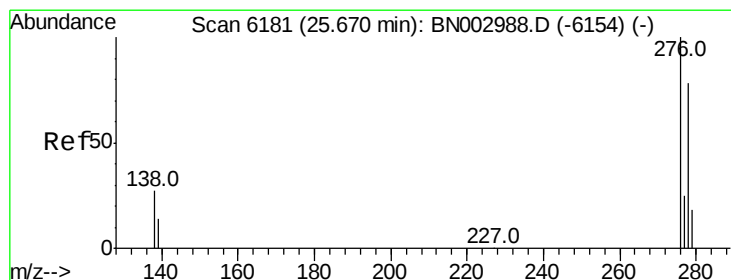
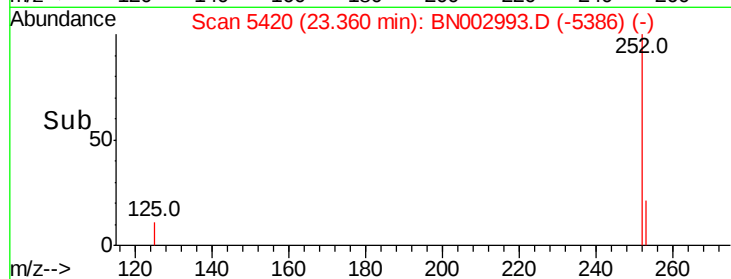
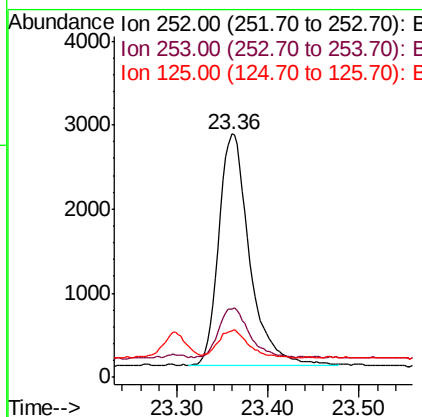
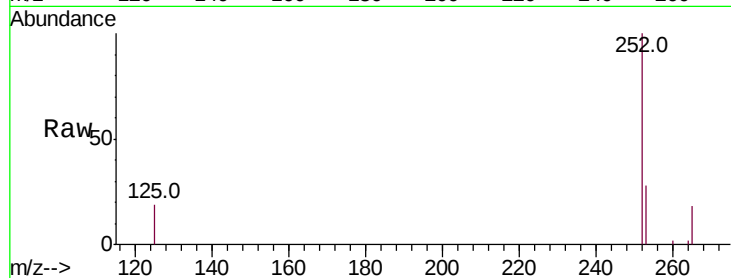




#23
Benzo(a)pyrene
Concen: 0.391 ng/ul
RT: 23.36 min Scan# 5420
Delta R.T. 0.00 min
Lab File: BN002993.D
Acq: 08 Oct 2018 18:46

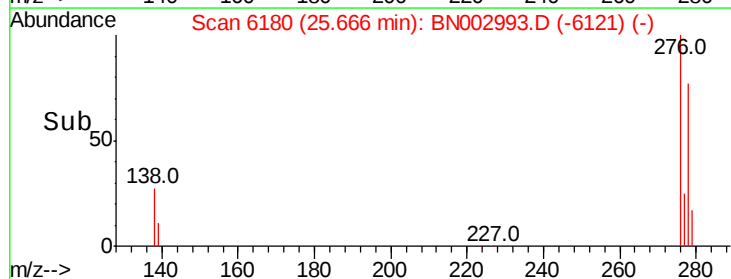
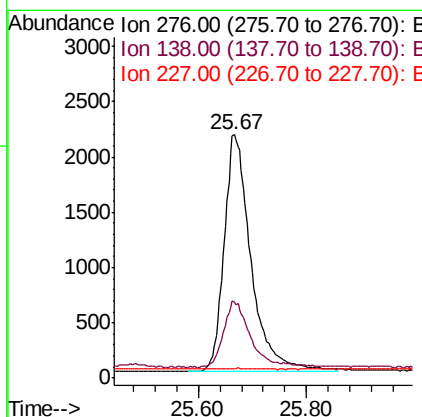
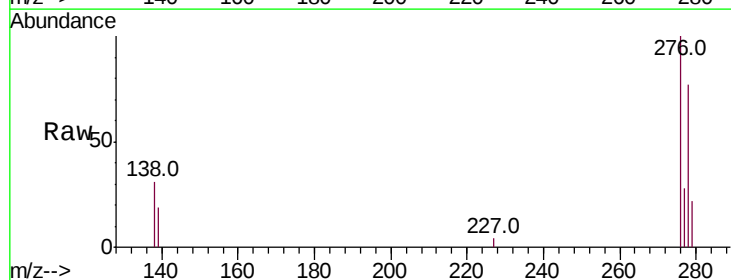
Instrument :
BNA_N
ClientSampleId :

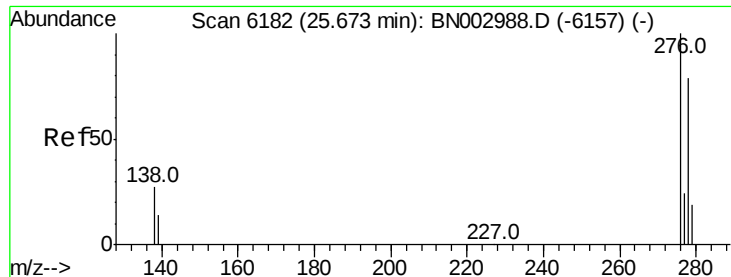
Tot Ion:252 Resp: 6464
Ion Ratio Lower Upper
252 100
253 28.2 23.1 34.7
125 19.0 16.9 25.3



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 25.67 min Scan# 6180
Delta R.T. -0.00 min
Lab File: BN002993.D
Acq: 08 Oct 2018 18:46

Tgt Ion:276 Resp: 7396
Ion Ratio Lower Upper
276 100
138 28.0 21.5 32.3
227 0.1 0.3 0.5#





#25

Dibenzo(a,h)anthracene

Concen: 0.392 ng/ul

RT: 25.67 min Scan# 6181

Delta R.T. -0.00 min

Lab File: BN002993.D

Acq: 08 Oct 2018 18:46

Instrument :

BNA_N

ClientSampleId :

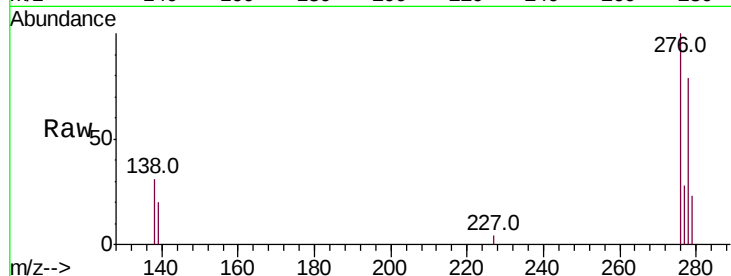
Tot Ion:278 Resp: 5954

Ion Ratio Lower Upper

278 100

139 24.8 20.2 30.4

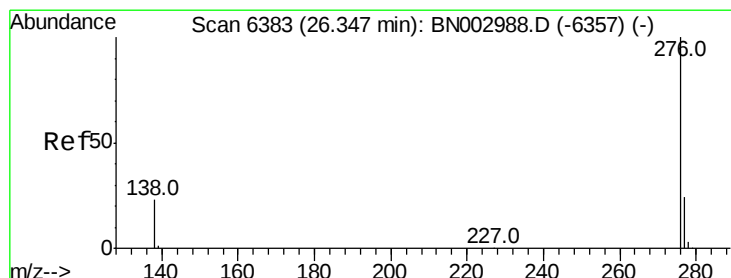
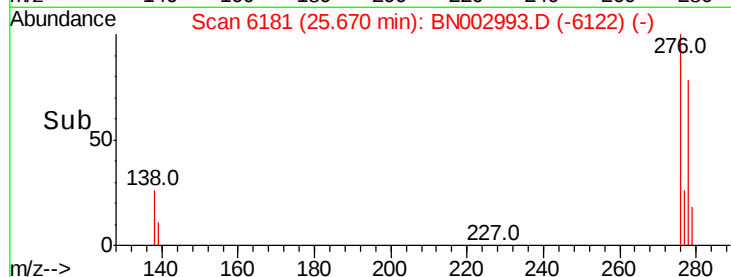
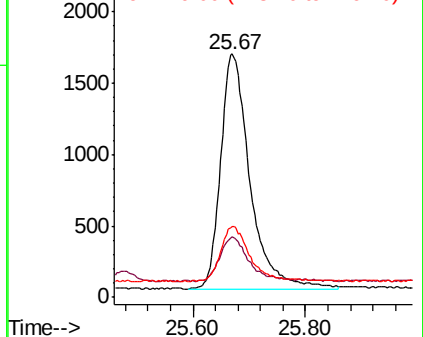
279 29.3 23.8 35.8



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(g,h,i)perylene

Concen: 0.392 ng/ul

RT: 26.35 min Scan# 6383

Delta R.T. 0.00 min

Lab File: BN002993.D

Acq: 08 Oct 2018 18:46

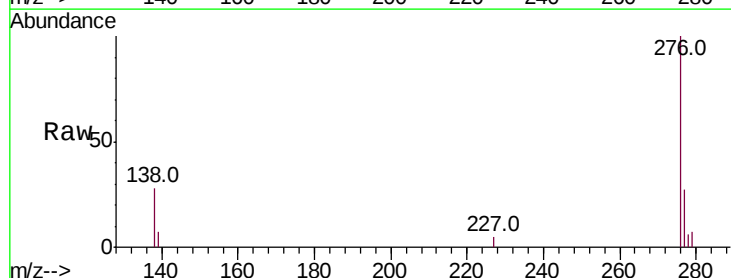
Tgt Ion:276 Resp: 6268

Ion Ratio Lower Upper

276 100

138 28.0 23.0 34.4

277 27.3 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

