

Data File : BN003794.D
Acq On : 11 Dec 2018 00:44
Operator : JU/SJ
Sample : J6077-14DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y30DL

Quant Time: Dec 11 04:27:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	6022	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	24355	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	12346	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	26669	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	19847	0.40	ng/ul	0.00
20) Perylene-d12	23.70	264	17917	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2104	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.23	212	4207	0.05	ng/ul	0.00

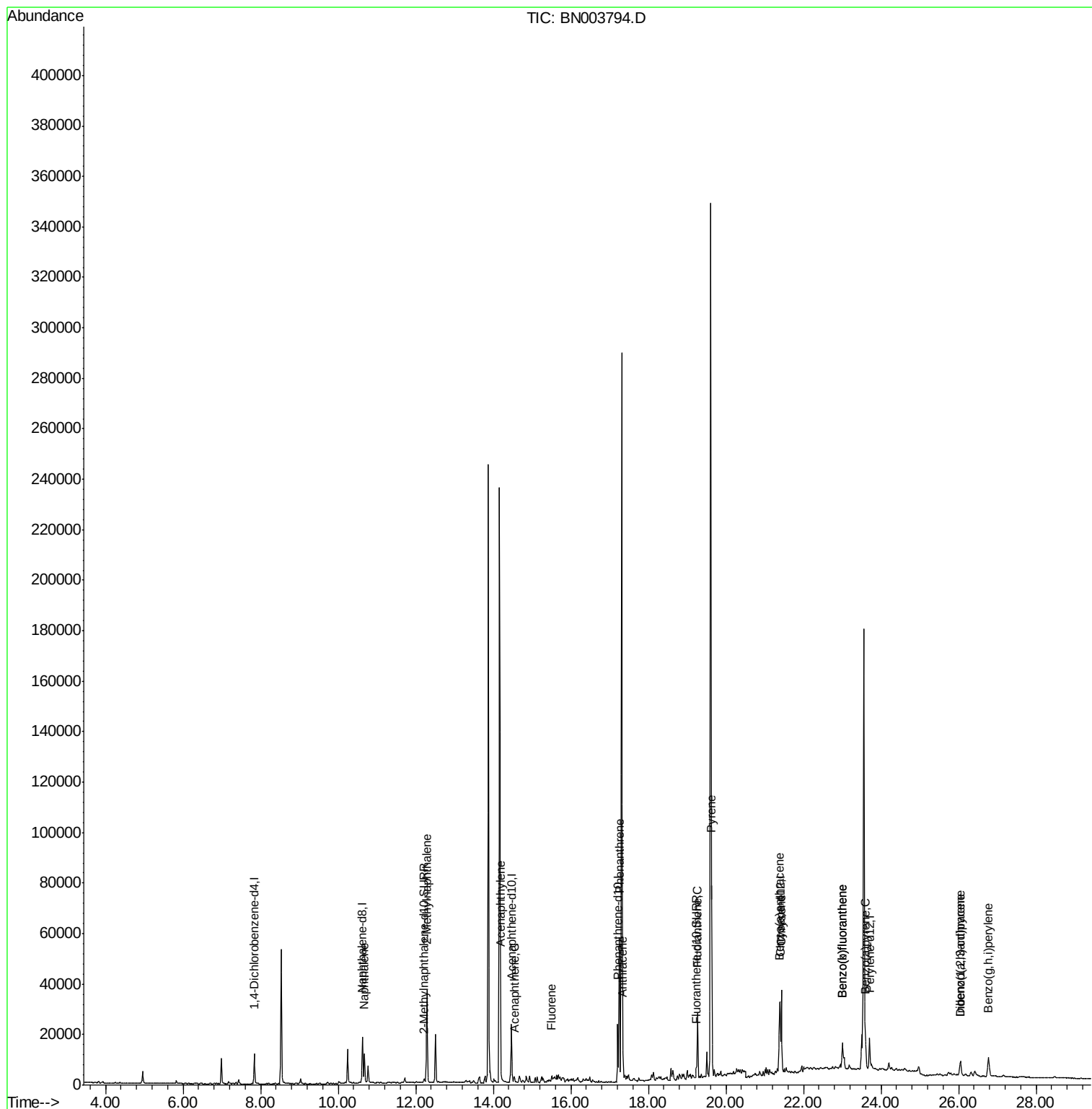
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	15302	0.224	ng/ul	98
5) 2-Methylnaphthalene	12.29	142	26666	0.558	ng/ul	100
7) Acenaphthylene	14.19	152	1310	0.024	ng/ul#	53
8) Acenaphthene	14.53	153	1638	0.034	ng/ul	93
9) Fluorene	15.52	166	1608	0.028	ng/ul#	90
12) Phenanthrene	17.26	178	62738	0.717	ng/ul	100
13) Anthracene	17.34	178	7166	0.100	ng/ul#	95
15) Fluoranthene	19.27	202	21362	0.207	ng/ul	95
17) Pyrene	19.63	202	59011	0.829	ng/ul	97
18) Benzo(a)anthracene	21.37	228	18321	0.292	ng/ul#	85
19) Chrysene	21.43	228	32576	0.454	ng/ul#	92
21) Benzo(b)fluoranthene	23.00	252	21824	0.294	ng/ul#	65
22) Benzo(k)fluoranthene	23.00	252	21824	0.302	ng/ul#	65
23) Benzo(a)pyrene	23.60	252	13912	0.217	ng/ul#	67
24) Indeno(1,2,3-cd)pyrene	26.05	276	8205	0.111	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.05	278	3412	0.058	ng/ul#	6
26) Benzo(g,h,i)perylene	26.77	276	16536	0.259	ng/ul#	85

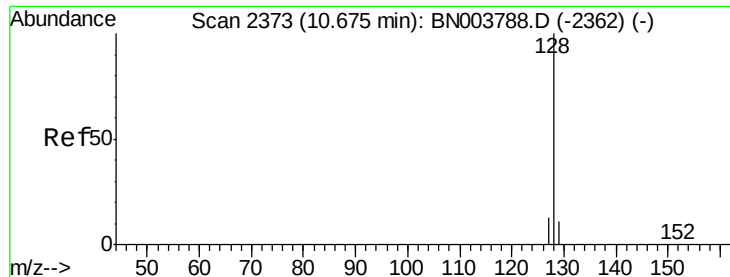
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN003794.D
Acq On : 11 Dec 2018 00:44
Operator : JU/SJ
Sample : J6077-14DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y30DL

Quant Time: Dec 11 04:27:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 11 04:22:54 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.224 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BN003794.D

Acq: 11 Dec 2018 00:44

Instrument :

BNA_N

ClientSampleId :

F9Y30DL

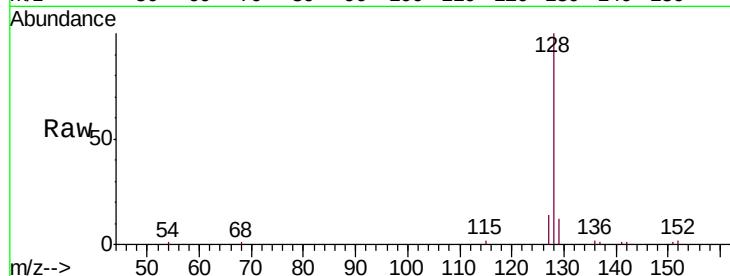
Tgt Ion:128 Resp: 15302

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

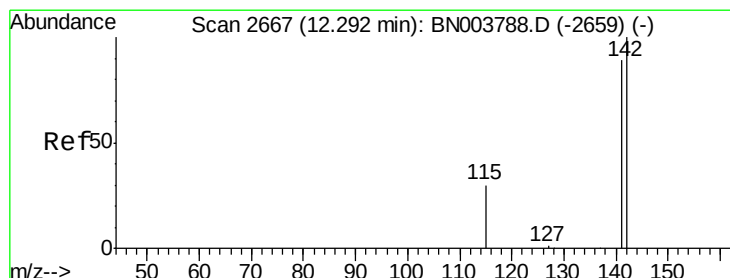
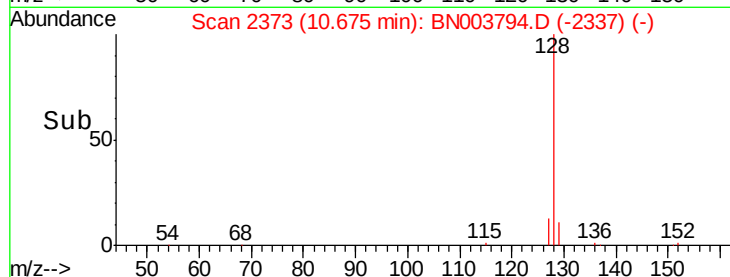
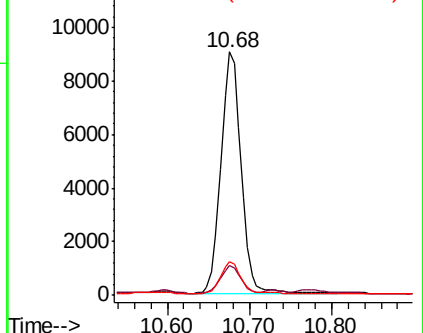
127 13.6 10.5 15.7



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: 0.558 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BN003794.D

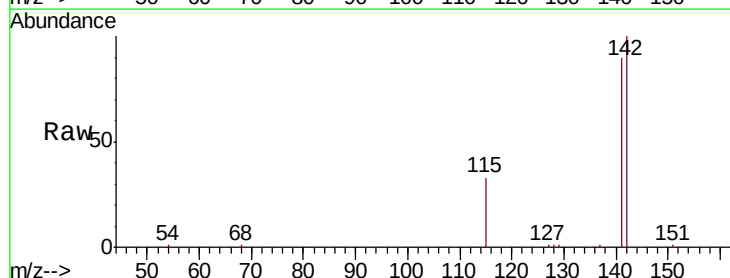
Acq: 11 Dec 2018 00:44

Tgt Ion:142 Resp: 26666

Ion Ratio Lower Upper

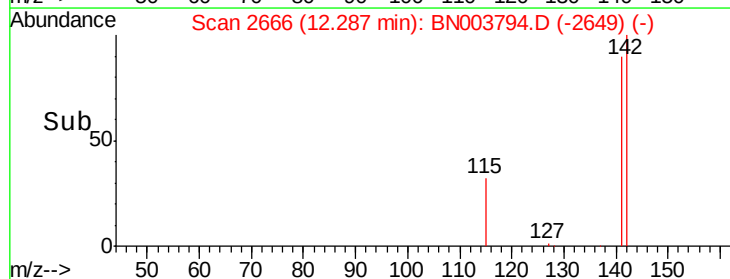
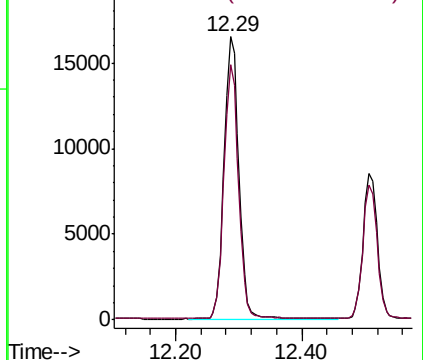
142 100

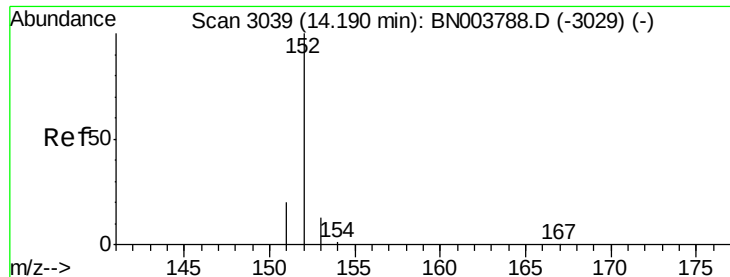
141 89.4 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.024 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BN003794.D

Acq: 11 Dec 2018 00:44

Instrument :

BNA_N

ClientSampleId :

F9Y30DL

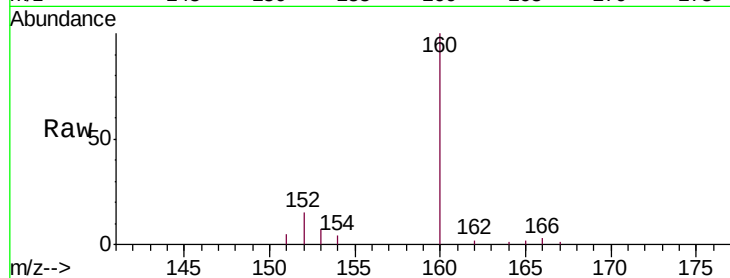
Tgt Ion:152 Resp: 1310

Ion Ratio Lower Upper

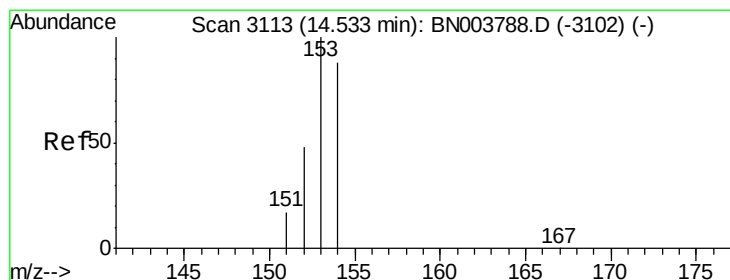
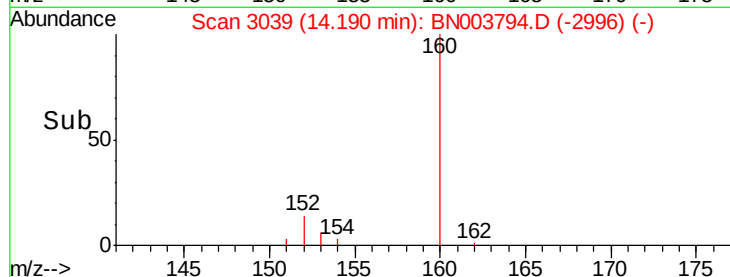
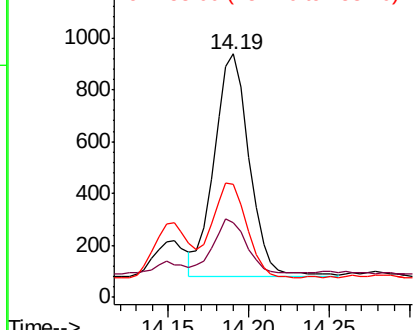
152 100

151 30.7 15.9 23.9#

153 46.7 10.7 16.1#



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: 0.034 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN003794.D

Acq: 11 Dec 2018 00:44

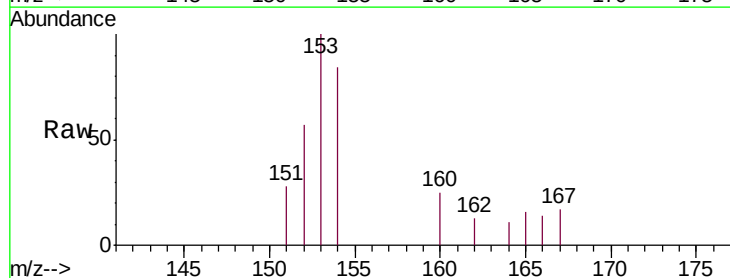
Tgt Ion:153 Resp: 1638

Ion Ratio Lower Upper

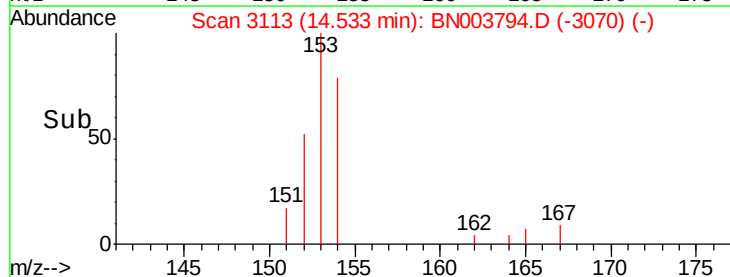
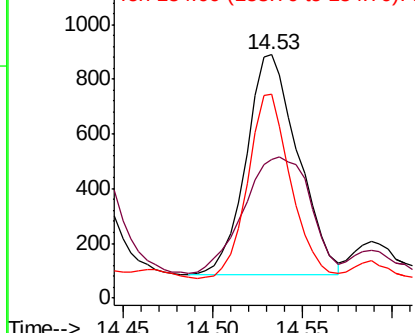
153 100

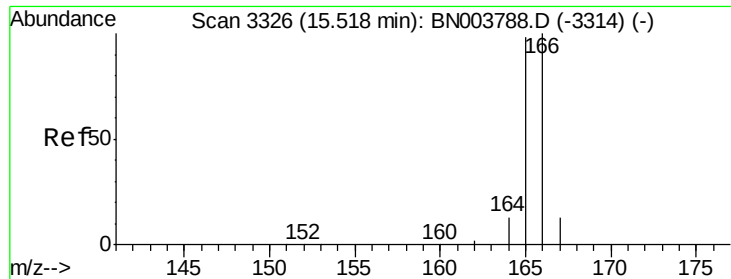
152 57.0 39.3 58.9

154 83.6 70.3 105.5



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: 0.028 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. 0.00 min

Lab File: BN003794.D

Acq: 11 Dec 2018 00:44

Instrument :

BNA_N

ClientSampleId :

F9Y30DL

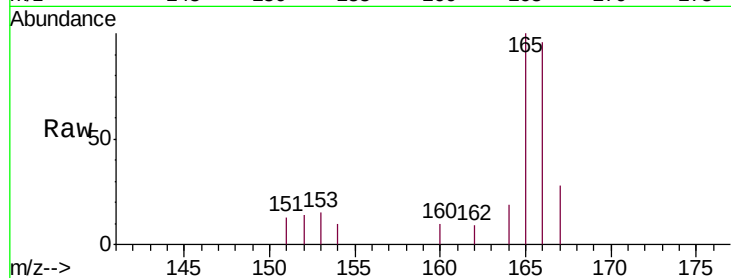
Tgt Ion:166 Resp: 1608

Ion Ratio Lower Upper

166 100

165 103.8 78.3 117.5

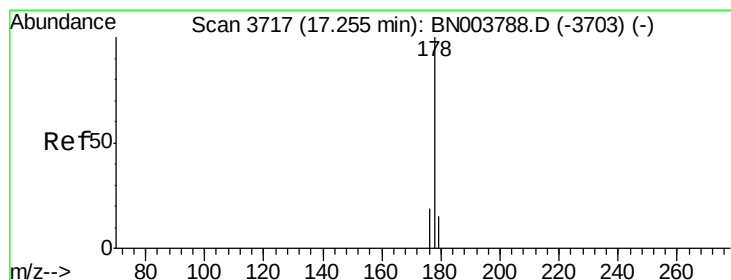
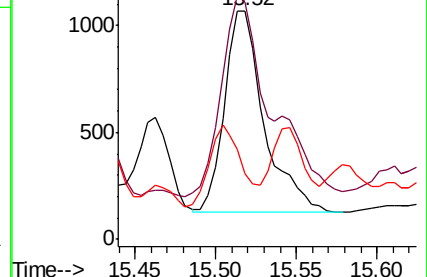
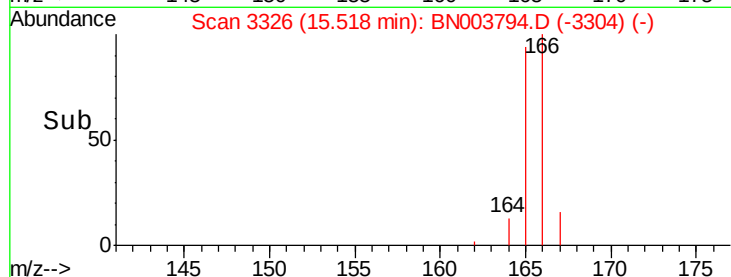
167 28.6 11.3 16.9#



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: 0.717 ng/ul

RT: 17.26 min Scan# 3717

Delta R.T. 0.00 min

Lab File: BN003794.D

Acq: 11 Dec 2018 00:44

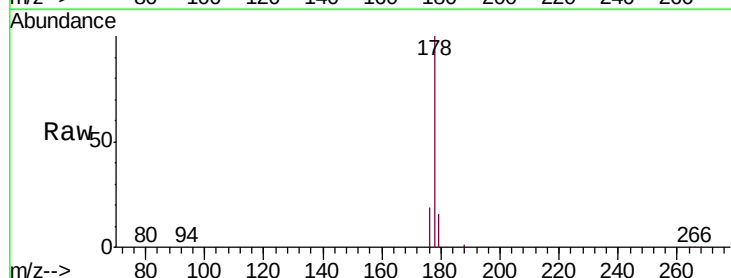
Tgt Ion:178 Resp: 62738

Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

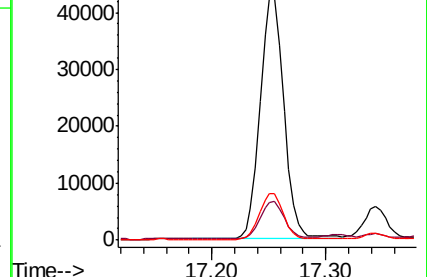
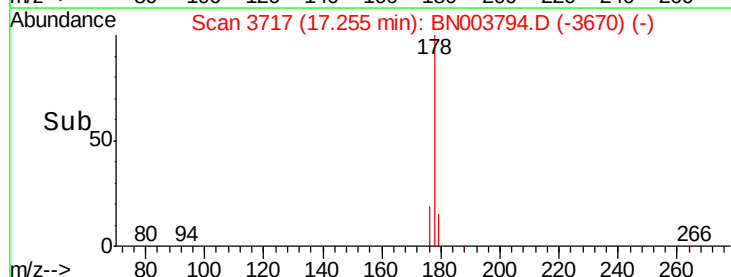
176 18.9 15.0 22.4

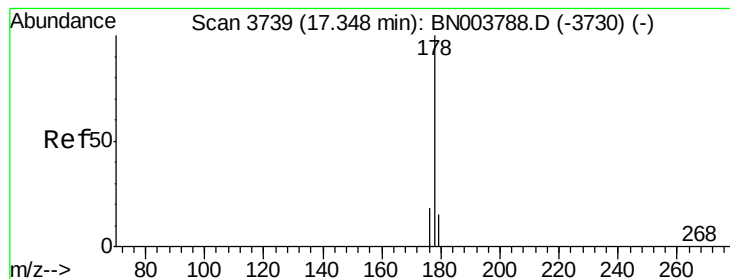


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.100 ng/ul

RT: 17.34 min Scan# 3738

Delta R.T. -0.00 min

Lab File: BN003794.D

Acq: 11 Dec 2018 00:44

Instrument :

BNA_N

ClientSampleId :

F9Y30DL

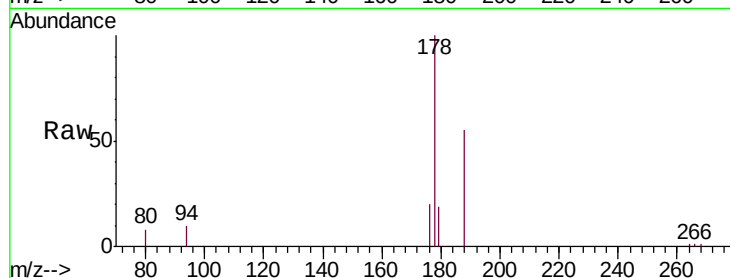
Tgt Ion:178 Resp: 7166

Ion Ratio Lower Upper

178 100

179 18.8 12.3 18.5#

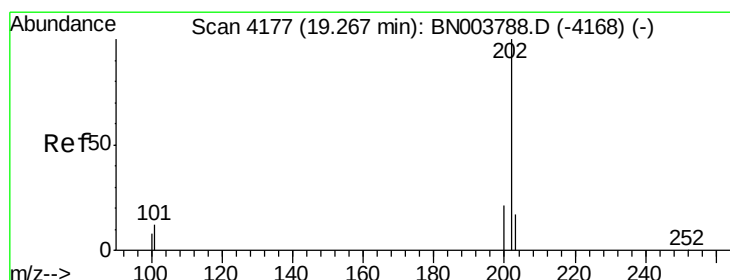
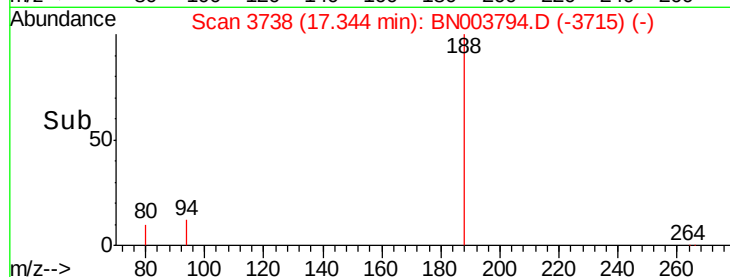
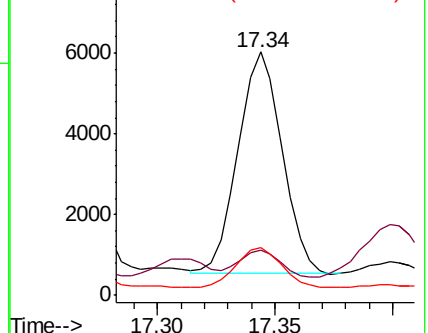
176 19.7 14.8 22.2



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



#15

Fluoranthene

Concen: 0.207 ng/ul

RT: 19.27 min Scan# 4177

Delta R.T. 0.00 min

Lab File: BN003794.D

Acq: 11 Dec 2018 00:44

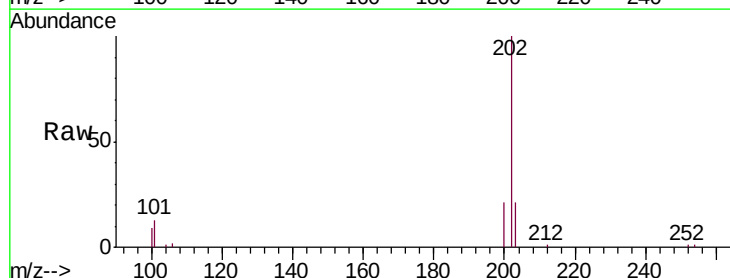
Tgt Ion:202 Resp: 21362

Ion Ratio Lower Upper

202 100

101 13.1 0.0 30.7

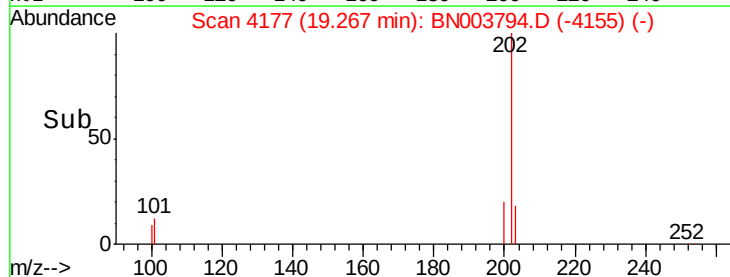
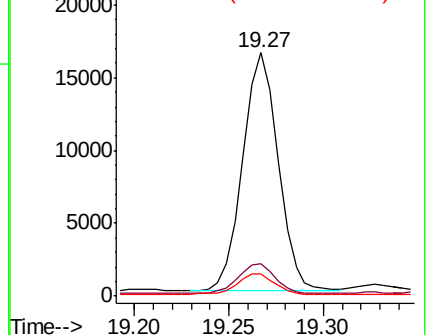
100 9.2 0.0 28.1

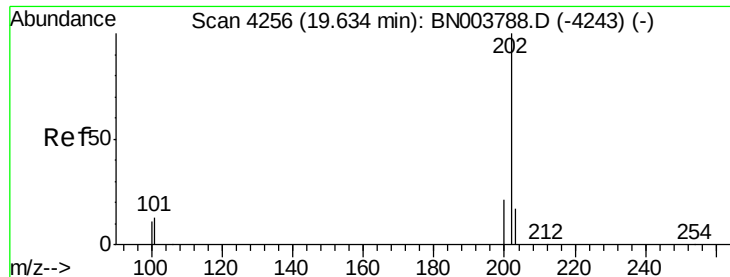


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pyrene

Concen: 0.829 ng/ul

RT: 19.63 min Scan# 4255

Delta R.T. -0.00 min

Lab File: BN003794.D

Acq: 11 Dec 2018 00:44

Instrument :

BNA_N

ClientSampleId :

F9Y30DL

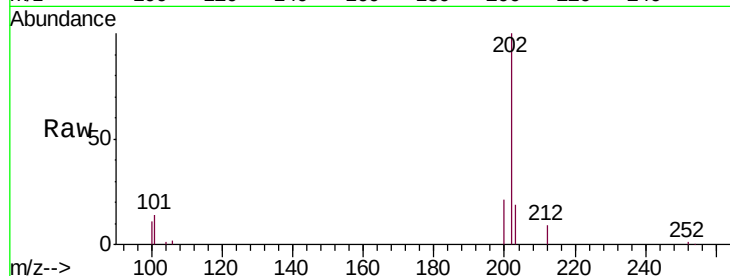
Tgt Ion:202 Resp: 59011

Ion Ratio Lower Upper

202 100

101 14.3 10.3 15.5

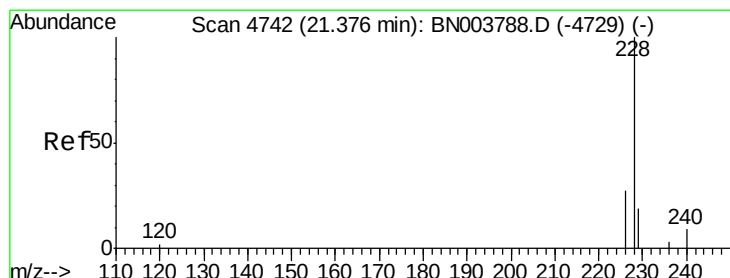
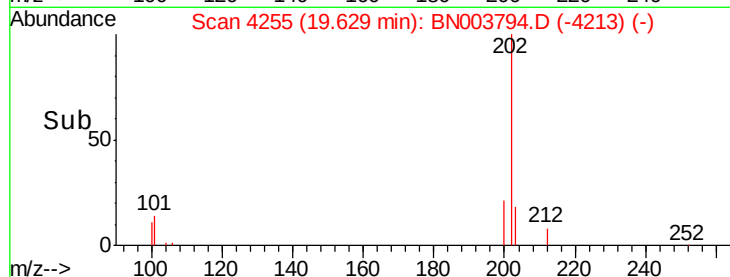
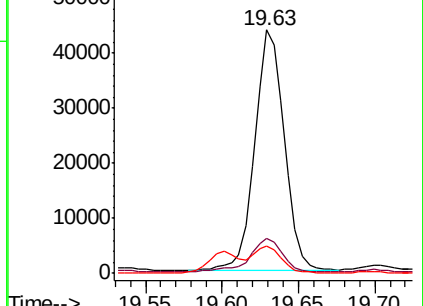
100 11.2 8.5 12.7



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: 0.292 ng/ul

RT: 21.37 min Scan# 4741

Delta R.T. -0.00 min

Lab File: BN003794.D

Acq: 11 Dec 2018 00:44

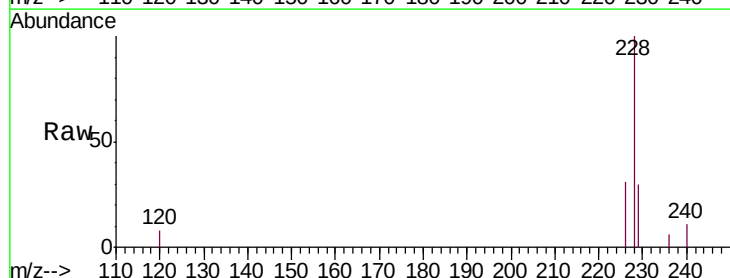
Tgt Ion:228 Resp: 18321

Ion Ratio Lower Upper

228 100

229 30.0 15.6 23.4#

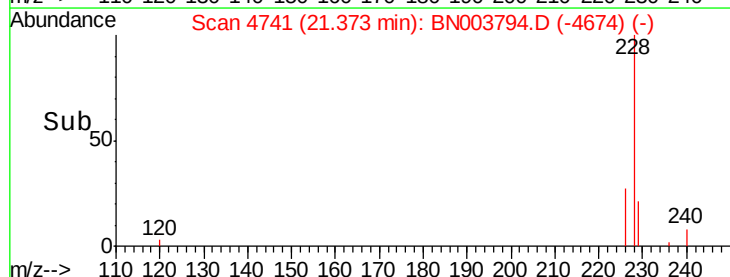
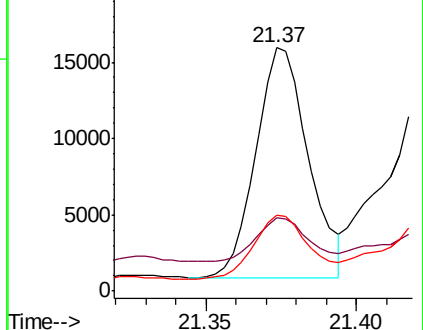
226 31.1 21.1 31.7

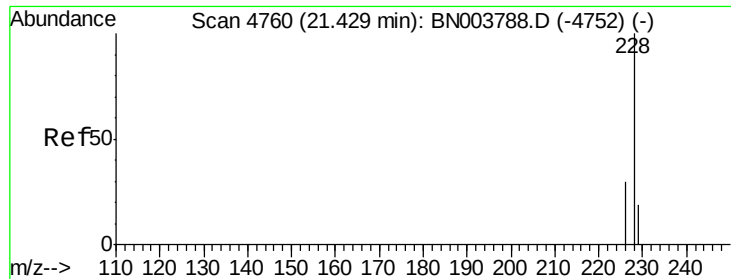


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.454 ng/ul

RT: 21.43 min Scan# 4760

Delta R.T. 0.00 min

Lab File: BN003794.D

Acq: 11 Dec 2018 00:44

Instrument :

BNA_N

ClientSampleId :

F9Y30DL

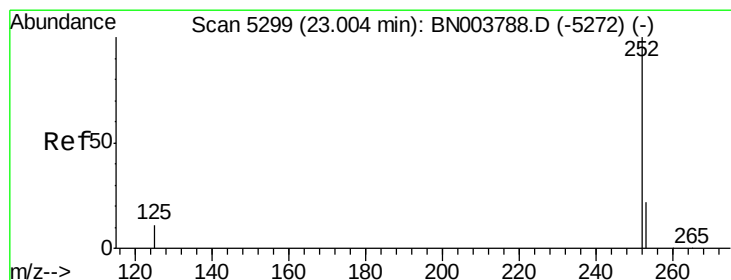
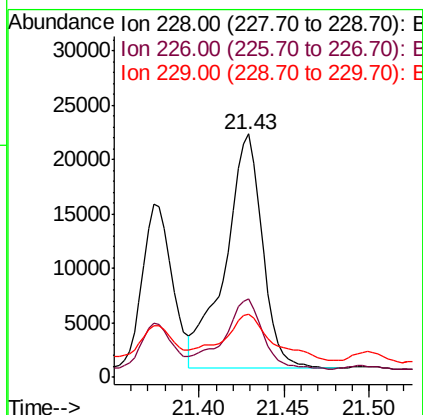
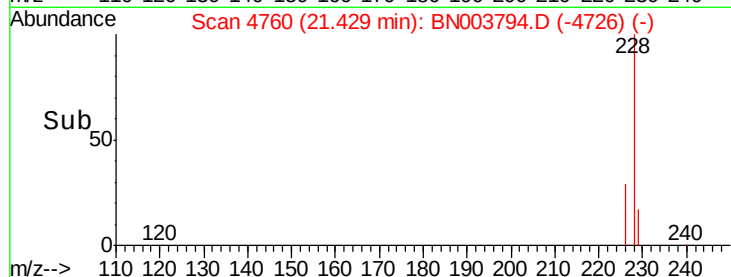
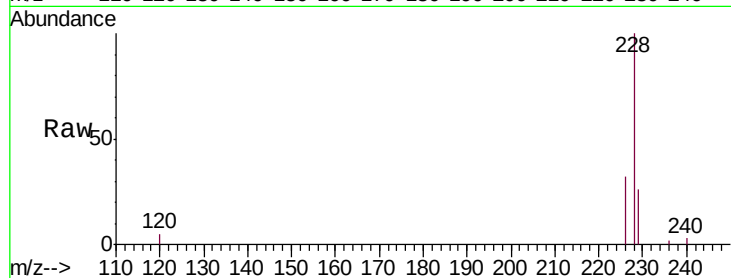
Tgt Ion:228 Resp: 32576

Ion Ratio Lower Upper

228 100

226 32.0 24.0 36.0

229 26.0 15.7 23.5#



#21

Benzo(b)fluoranthene

Concen: 0.294 ng/ul

RT: 23.00 min Scan# 5298

Delta R.T. -0.00 min

Lab File: BN003794.D

Acq: 11 Dec 2018 00:44

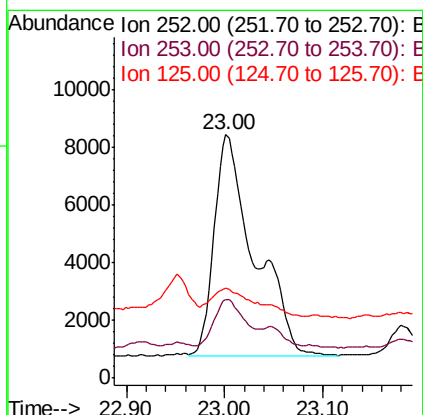
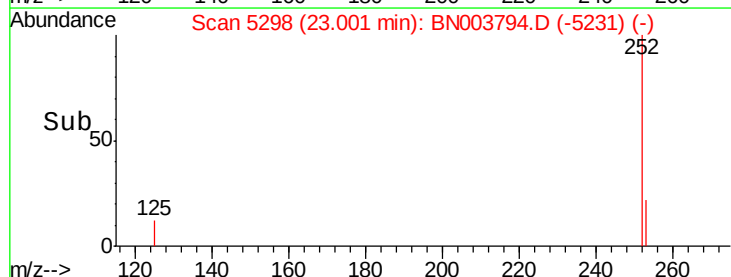
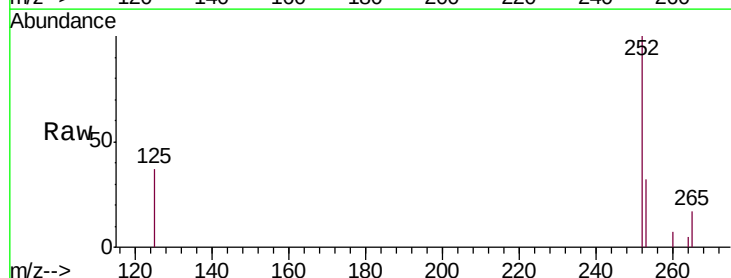
Tgt Ion:252 Resp: 21824

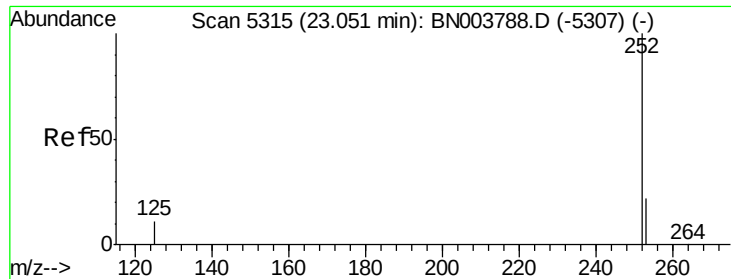
Ion Ratio Lower Upper

252 100

253 32.4 0.0 46.0

125 36.9 0.0 22.4#





#22

Benzo(k)fluoranthene

Concen: 0.302 ng/ul

RT: 23.00 min Scan# 5298

Delta R.T. -0.05 min

Lab File: BN003794.D

Acq: 11 Dec 2018 00:44

Instrument :

BNA_N

ClientSampleId :

F9Y30DL

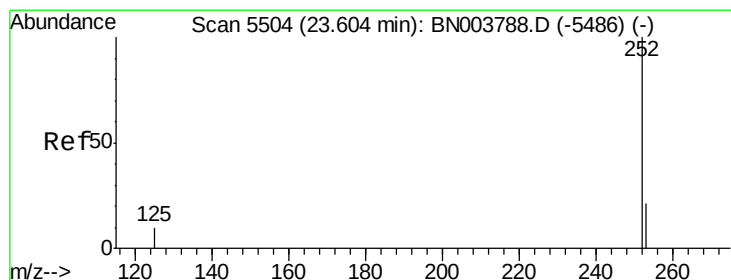
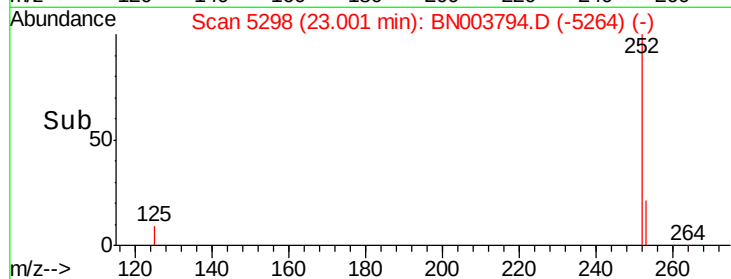
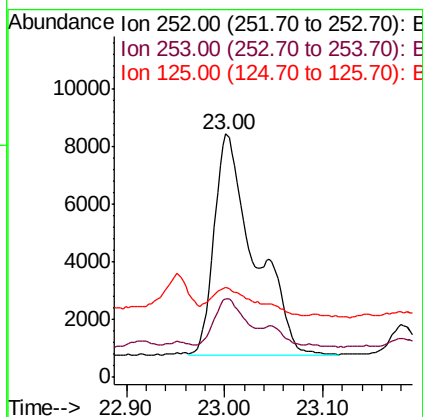
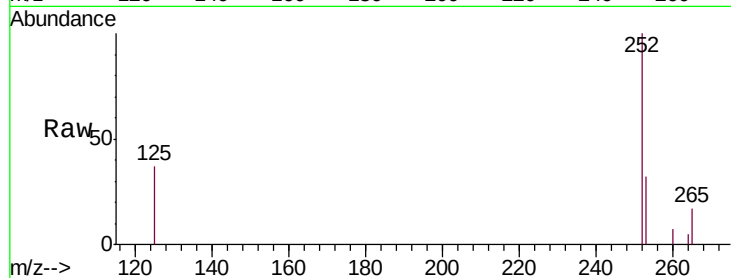
Tgt Ion:252 Resp: 21824

Ion Ratio Lower Upper

252 100

253 32.4 18.5 27.7#

125 36.9 9.0 13.6#



#23

Benzo(a)pyrene

Concen: 0.217 ng/ul

RT: 23.60 min Scan# 5503

Delta R.T. -0.00 min

Lab File: BN003794.D

Acq: 11 Dec 2018 00:44

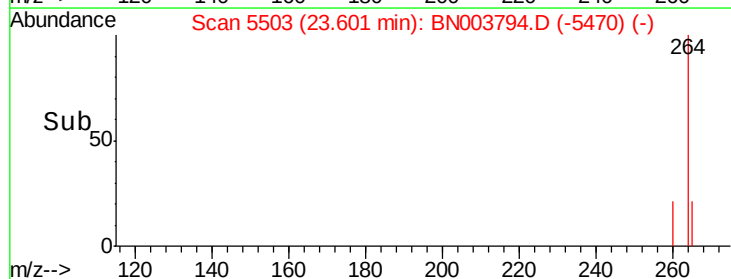
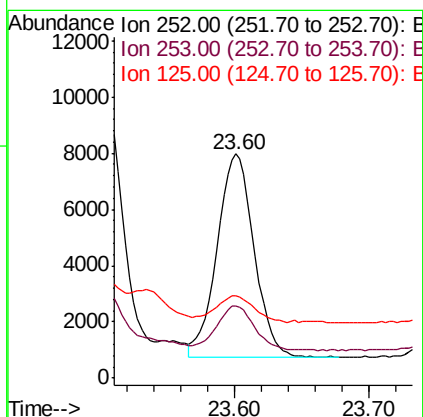
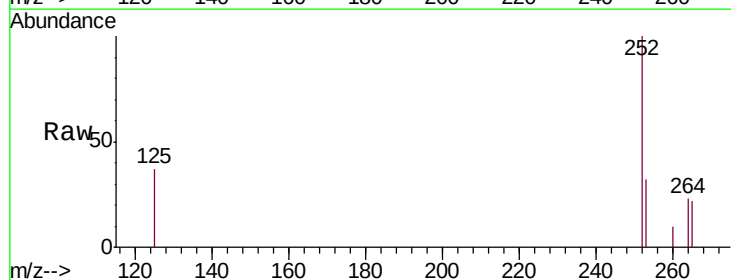
Tgt Ion:252 Resp: 13912

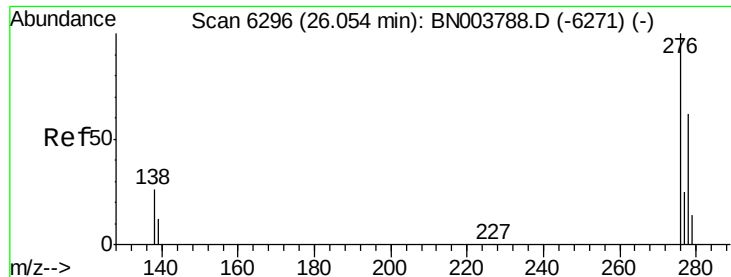
Ion Ratio Lower Upper

252 100

253 32.4 19.0 28.4#

125 36.7 10.2 15.4#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.111 ng/ul

RT: 26.05 min Scan# 6294

Delta R.T. -0.01 min

Lab File: BN003794.D

Acq: 11 Dec 2018 00:44

Instrument :

BNA_N

ClientSampleId :

F9Y30DL

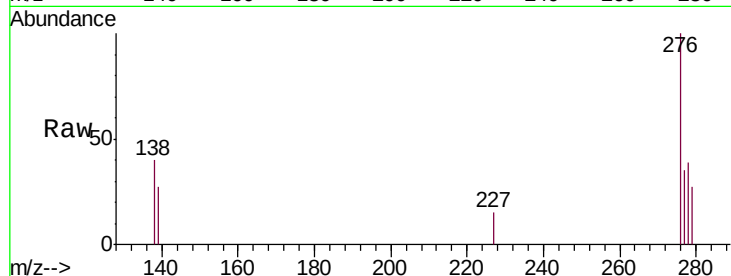
Tgt Ion:276 Resp: 8205

Ion Ratio Lower Upper

276 100

138 24.7 20.3 30.5

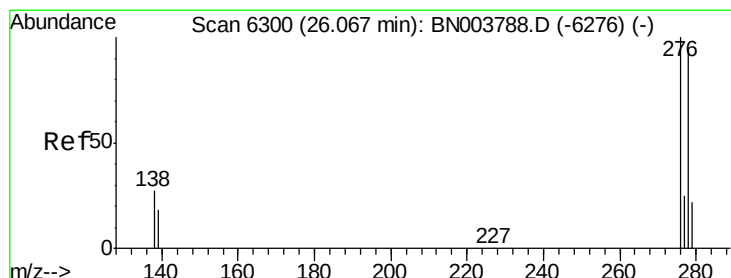
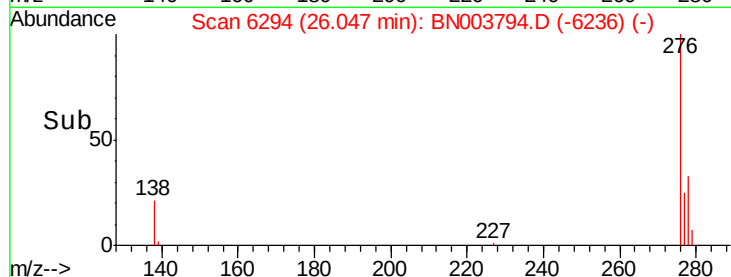
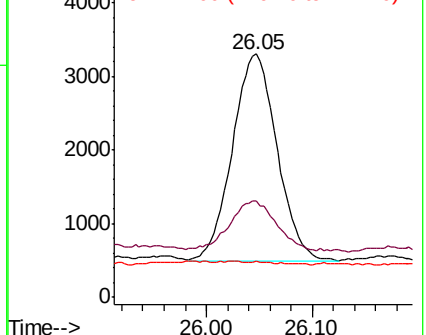
227 0.0 0.2 0.2#



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: 0.058 ng/ul

RT: 26.05 min Scan# 6296

Delta R.T. -0.01 min

Lab File: BN003794.D

Acq: 11 Dec 2018 00:44

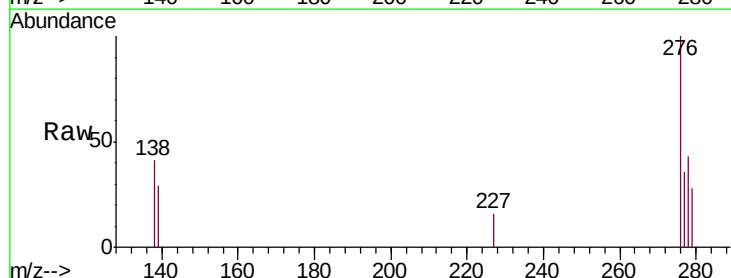
Tgt Ion:278 Resp: 3412

Ion Ratio Lower Upper

278 100

139 67.2 14.2 21.4#

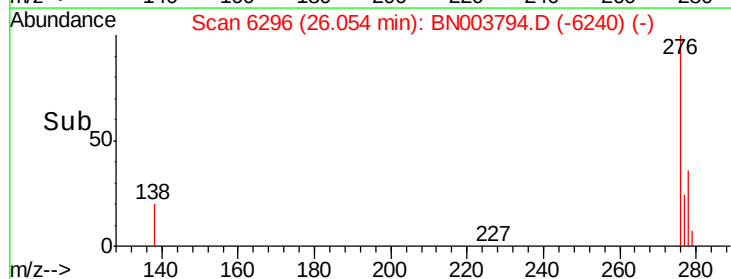
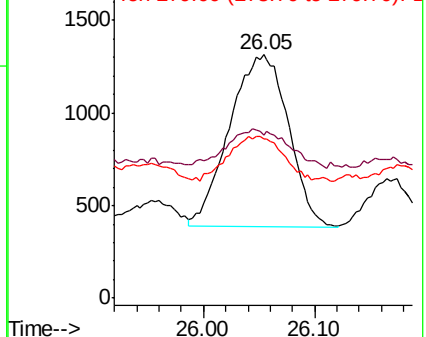
279 65.5 19.8 29.6#

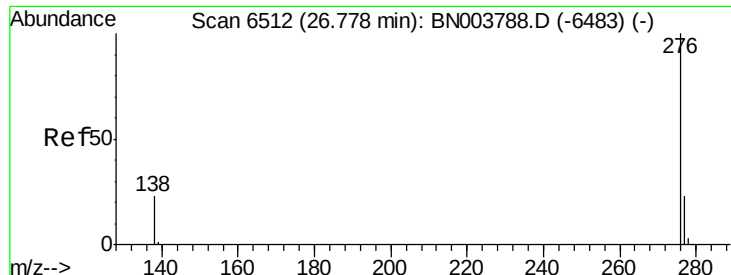


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.259 ng/ul

RT: 26.77 min Scan# 6509

Delta R.T. -0.01 min

Lab File: BN003794.D

Acq: 11 Dec 2018 00:44

Instrument :

BNA_N

ClientSampleId :

F9Y30DL

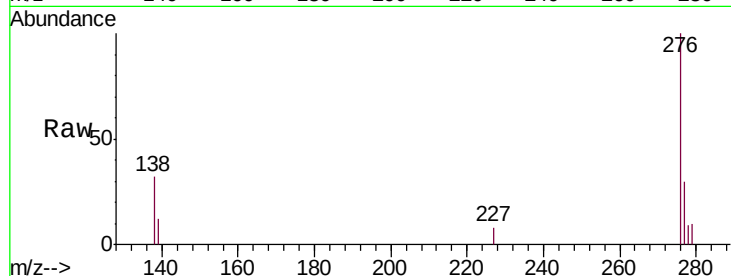
Tgt Ion:276 Resp: 16536

Ion Ratio Lower Upper

276 100

138 31.6 17.7 26.5#

277 29.7 19.3 28.9#



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

