

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003159.D
 Acq On : 13 Oct 2018 02:53
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 13 04:58:26 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 : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration

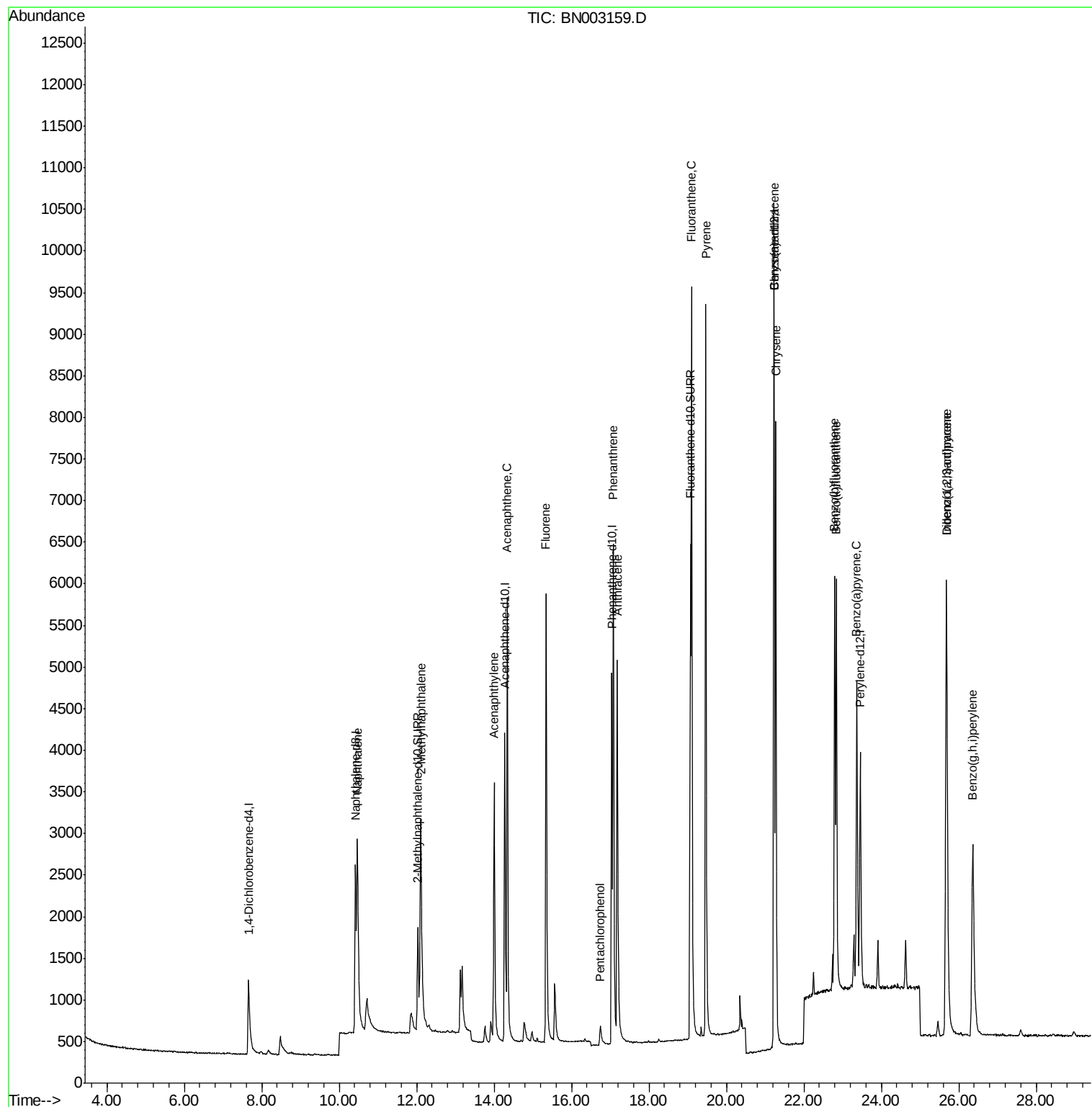
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	912	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	4586	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	2798	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	6759	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	5521	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	4543	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	3143	0.44	ng/ul	0.01
14) Fluoranthene-d10	19.07	212	8508	0.44	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	5017	0.426	ng/ul	98
5) 2-Methylnaphthalene	12.11	142	3562	0.440	ng/ul	99
7) Acenaphthylene	14.00	152	5504	0.430	ng/ul	99
8) Acenaphthene	14.34	153	4269	0.439	ng/ul	99
9) Fluorene	15.35	166	4976	0.447	ng/ul	99
11) Pentachlorophenol	16.74	266	366	0.558	ng/ul	95
12) Phenanthrene	17.08	178	8216	0.436	ng/ul	99
13) Anthracene	17.18	178	7702	0.433	ng/ul	99
15) Fluoranthene	19.10	202	9734	0.440	ng/ul	98
17) Pyrene	19.47	202	9872	0.460	ng/ul	100
18) Benzo(a)anthracene	21.23	228	7789	0.438	ng/ul	99
19) Chrysene	21.27	228	8034	0.445	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	6577	0.402	ng/ul	99
22) Benzo(k)fluoranthene	22.84	252	7048	0.416	ng/ul	98
23) Benzo(a)pyrene	23.37	252	6456	0.440	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.68	276	7336	0.435	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.68	278	5891	0.437	ng/ul	99
26) Benzo(g,h,i)perylene	26.36	276	6189	0.436	ng/ul	99

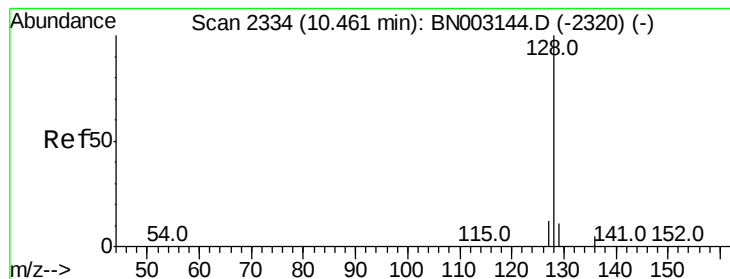
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.426 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. 0.01 min

Lab File: BN003159.D

Acq: 13 Oct 2018 02:53

Instrument :

BNA_N

ClientSampleId :

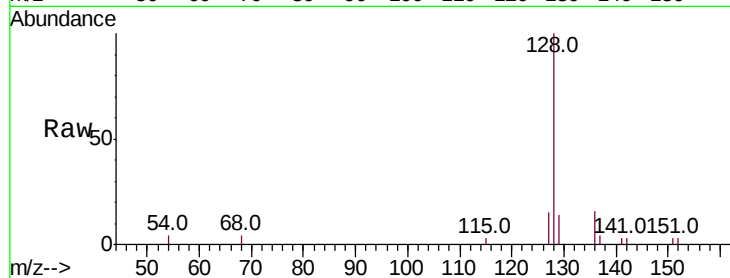
Tot Ion:128 Resp: 5017

Ion Ratio Lower Upper

128 100

129 13.6 10.4 15.6

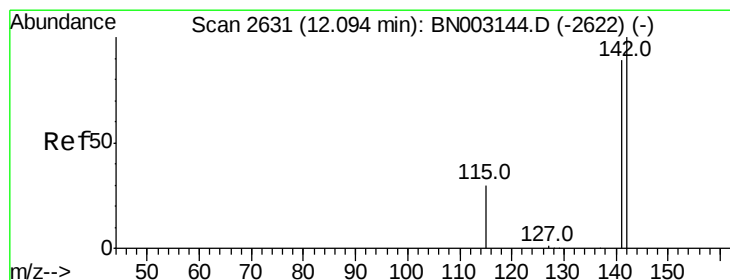
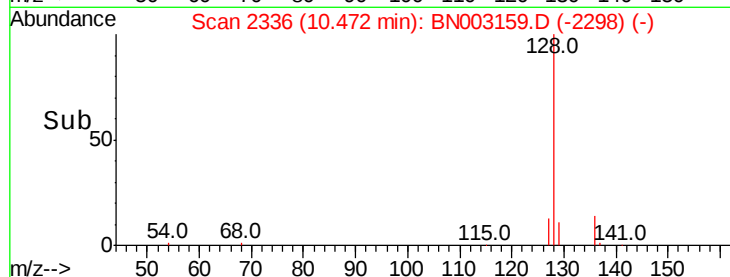
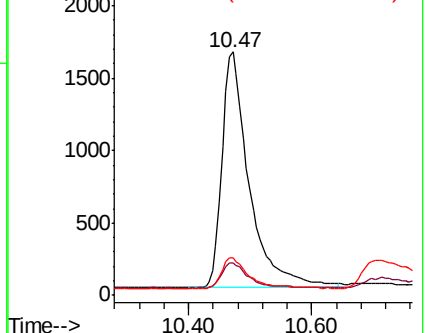
127 15.4 11.7 17.5



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: 0.440 ng/ul

RT: 12.11 min Scan# 2633

Delta R.T. 0.01 min

Lab File: BN003159.D

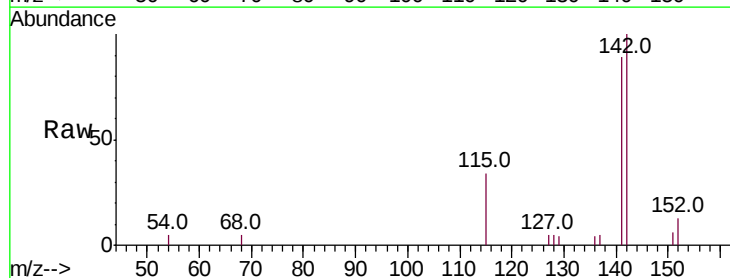
Acq: 13 Oct 2018 02:53

Tgt Ion:142 Resp: 3562

Ion Ratio Lower Upper

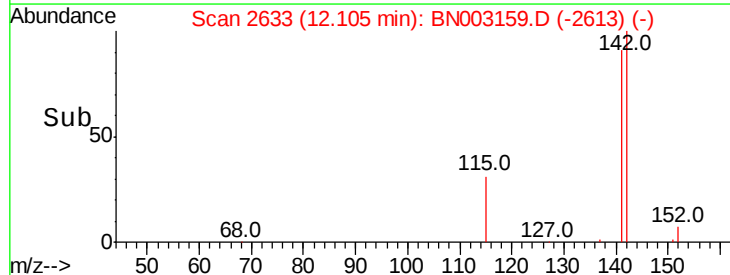
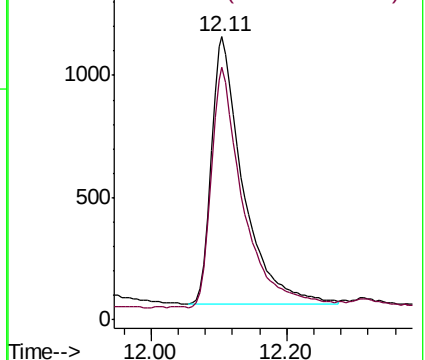
142 100

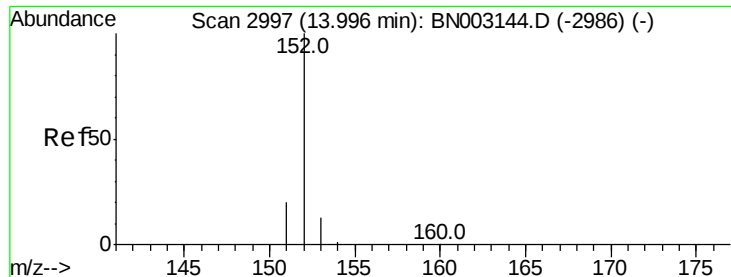
141 91.2 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.430 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BN003159.D

Acq: 13 Oct 2018 02:53

Instrument :

BNA_N

ClientSampleId :

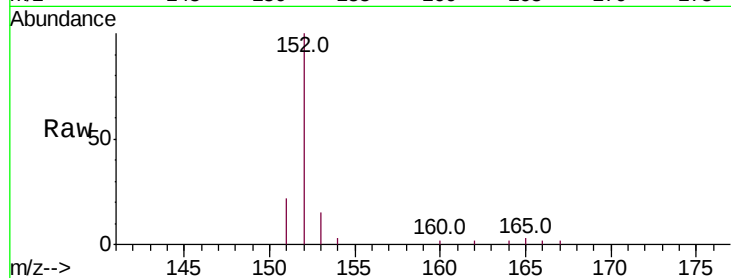
Tot Ion:152 Resp: 5504

Ion Ratio Lower Upper

152 100

151 21.5 16.5 24.7

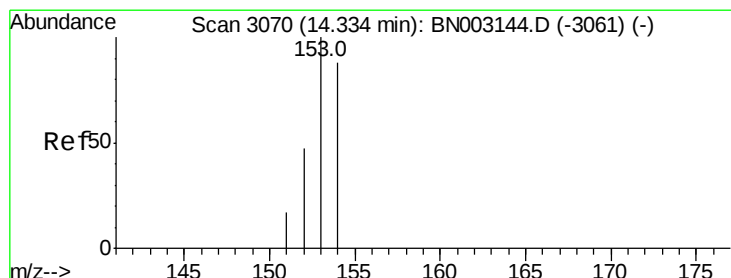
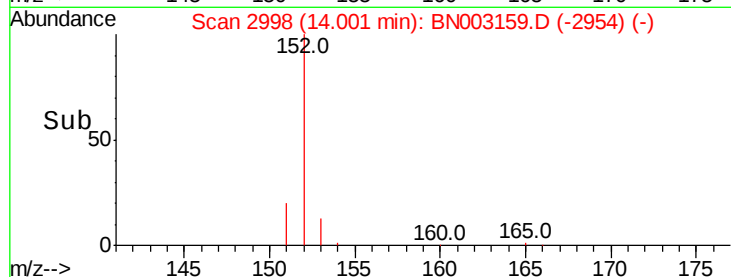
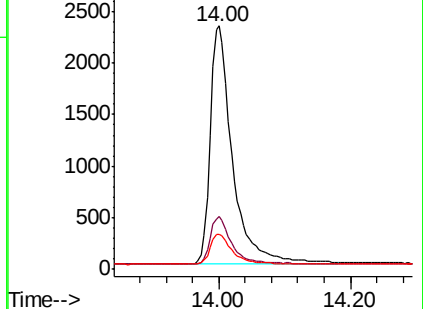
153 14.6 11.4 17.2



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: 0.439 ng/ul

RT: 14.34 min Scan# 3071

Delta R.T. 0.00 min

Lab File: BN003159.D

Acq: 13 Oct 2018 02:53

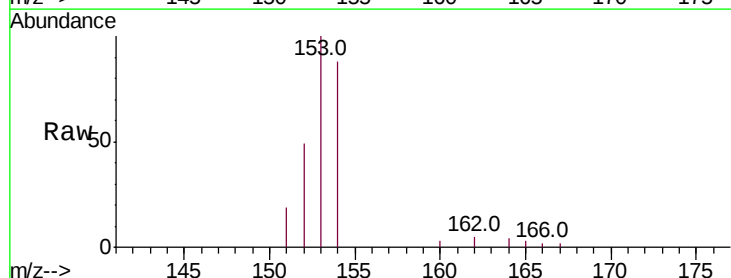
Tgt Ion:153 Resp: 4269

Ion Ratio Lower Upper

153 100

152 48.9 38.2 57.4

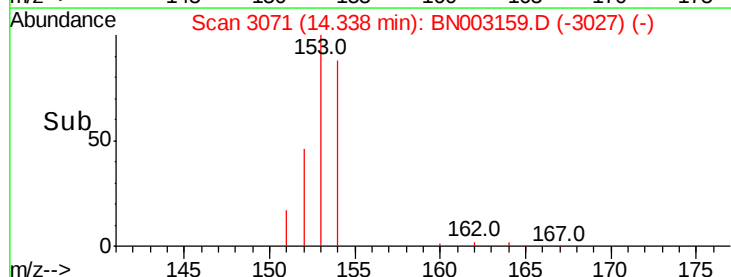
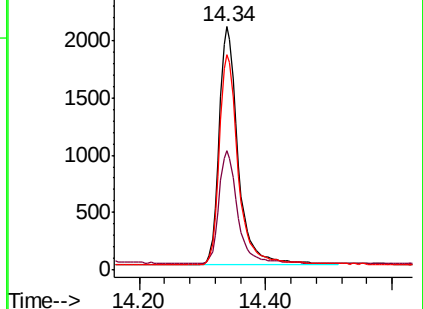
154 88.4 70.2 105.2

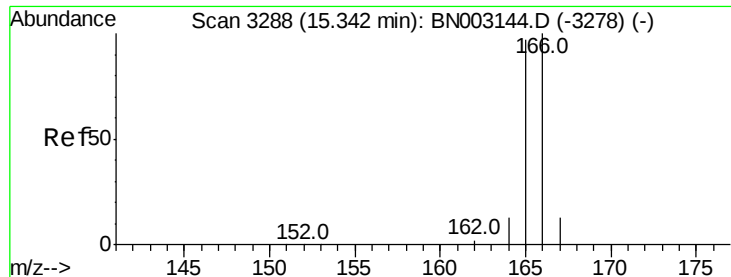


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.447 ng/ul

RT: 15.35 min Scan# 3289

Delta R.T. 0.00 min

Lab File: BN003159.D

Acq: 13 Oct 2018 02:53

Instrument :

BNA_N

ClientSampleId :

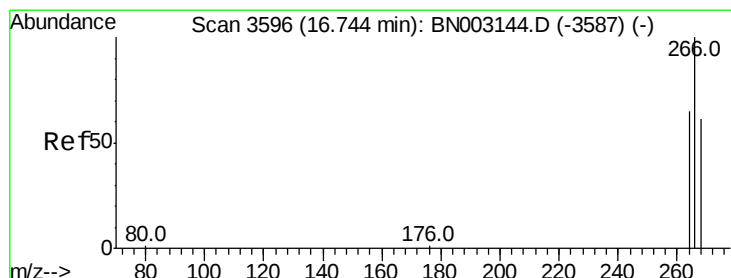
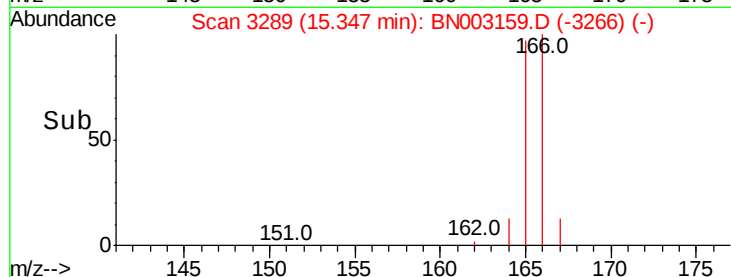
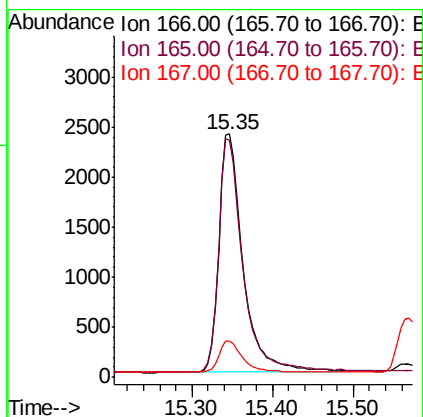
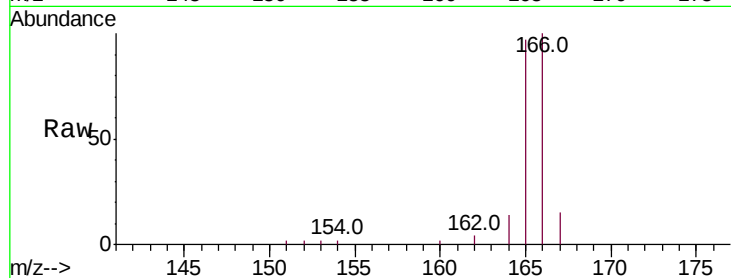
Tot Ion:166 Resp: 4976

Ion Ratio Lower Upper

166 100

165 97.2 78.5 117.7

167 15.0 11.6 17.4



#11

Pentachlorophenol

Concen: 0.558 ng/ul

RT: 16.74 min Scan# 3596

Delta R.T. 0.00 min

Lab File: BN003159.D

Acq: 13 Oct 2018 02:53

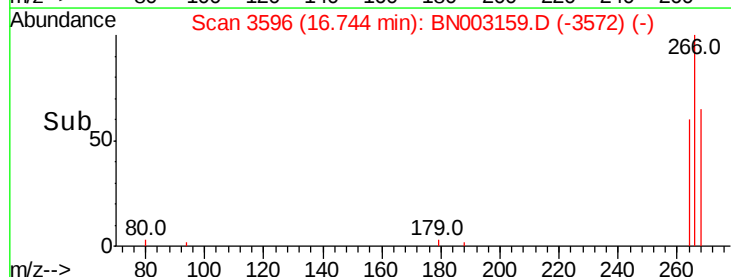
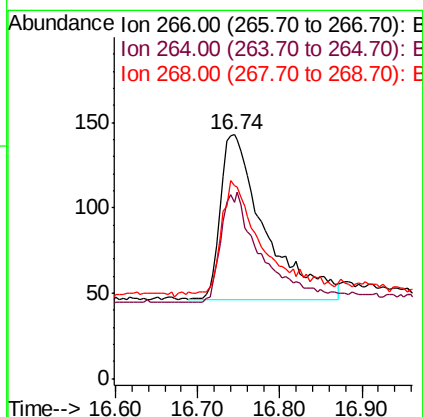
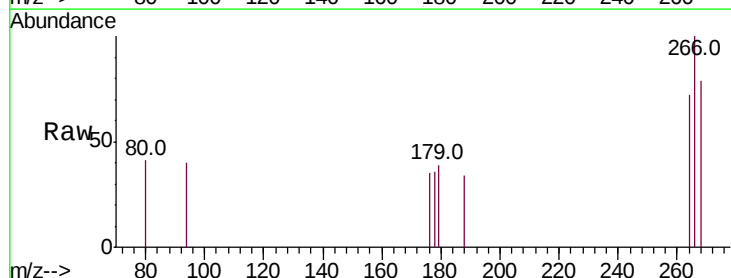
Tgt Ion:266 Resp: 366

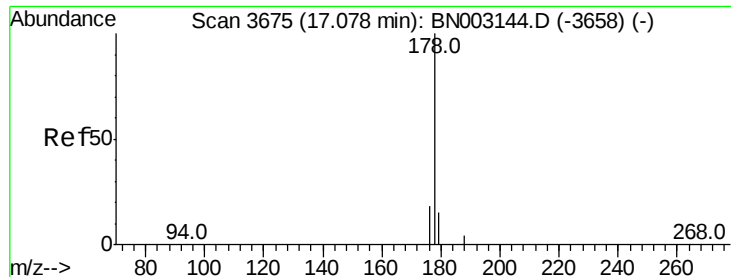
Ion Ratio Lower Upper

266 100

264 61.7 52.5 78.7

268 65.3 48.6 72.8





#12

Phenanthrene

Concen: 0.436 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BN003159.D

Acq: 13 Oct 2018 02:53

Instrument :

BNA_N

ClientSampleId :

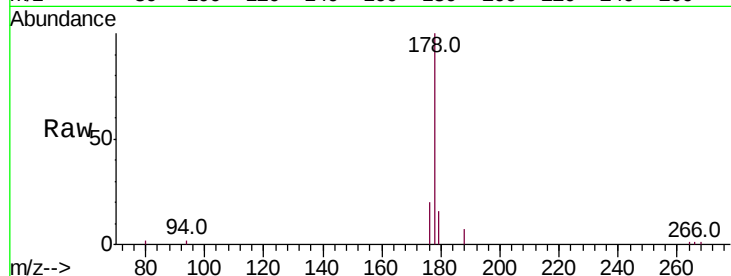
Tot Ion:178 Resp: 8216

Ion Ratio Lower Upper

178 100

179 16.1 12.9 19.3

176 19.7 15.4 23.2

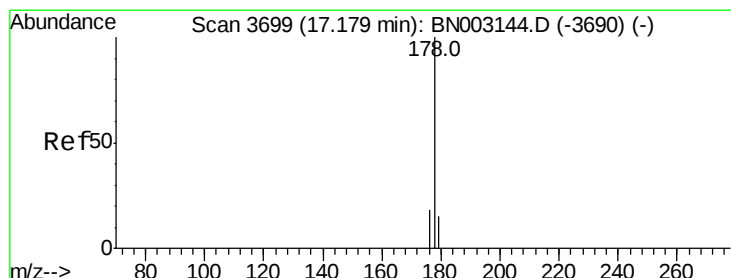
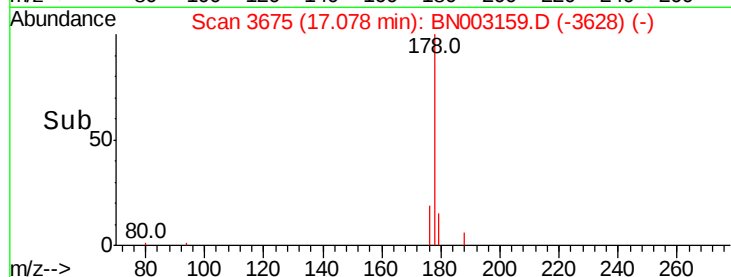
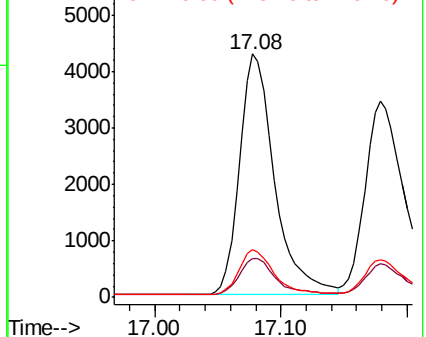


Abundance

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: 0.433 ng/ul

RT: 17.18 min Scan# 3699

Delta R.T. 0.00 min

Lab File: BN003159.D

Acq: 13 Oct 2018 02:53

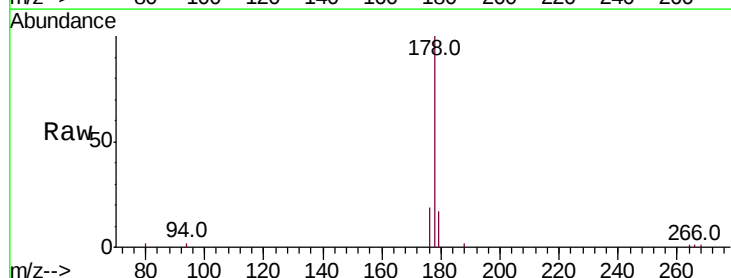
Tgt Ion:178 Resp: 7702

Ion Ratio Lower Upper

178 100

179 17.1 13.0 19.6

176 19.0 15.3 22.9

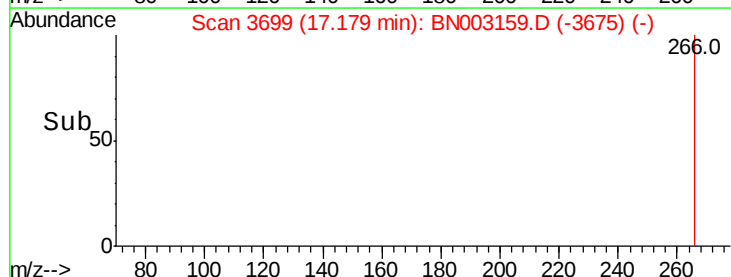
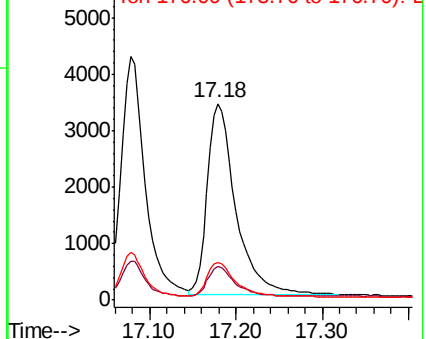


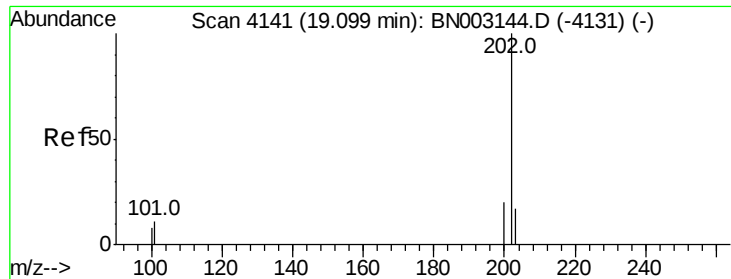
Abundance

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: 0.440 ng/ul

RT: 19.10 min Scan# 4141

Delta R.T. 0.00 min

Lab File: BN003159.D

Acq: 13 Oct 2018 02:53

Instrument :

BNA_N

ClientSampleId :

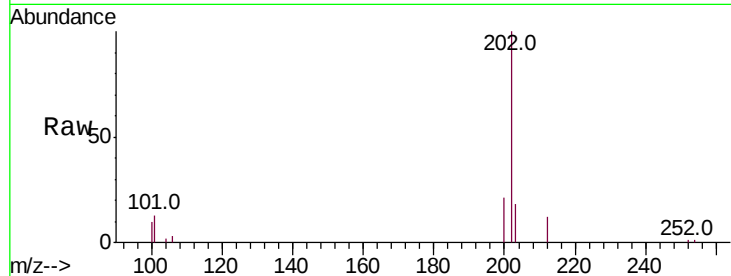
Tot Ion:202 Resp: 9734

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.3

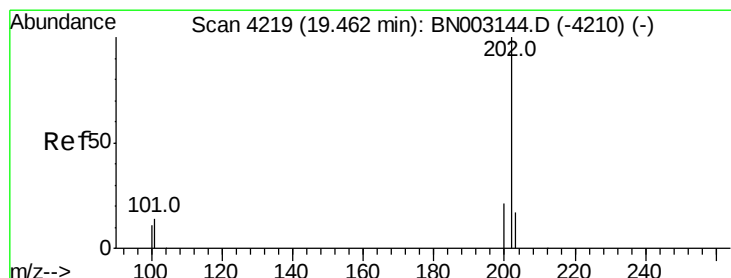
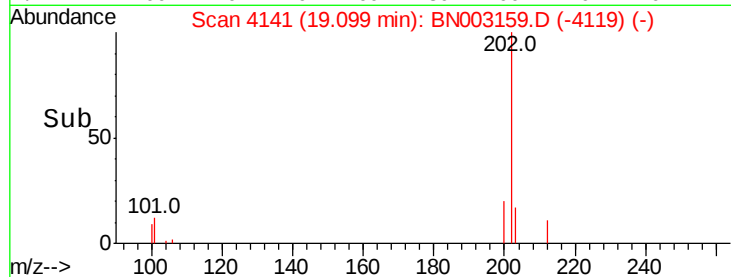
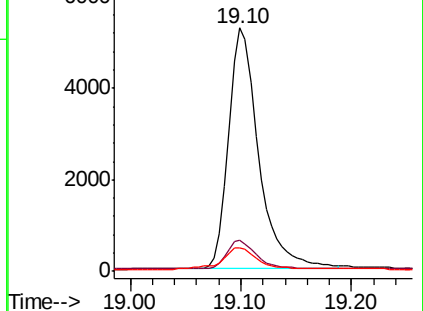
100 9.7 0.0 29.1



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: 0.460 ng/ul

RT: 19.47 min Scan# 4220

Delta R.T. 0.00 min

Lab File: BN003159.D

Acq: 13 Oct 2018 02:53

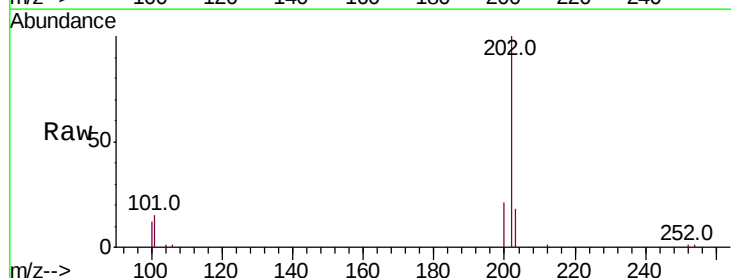
Tgt Ion:202 Resp: 9872

Ion Ratio Lower Upper

202 100

101 14.8 11.9 17.9

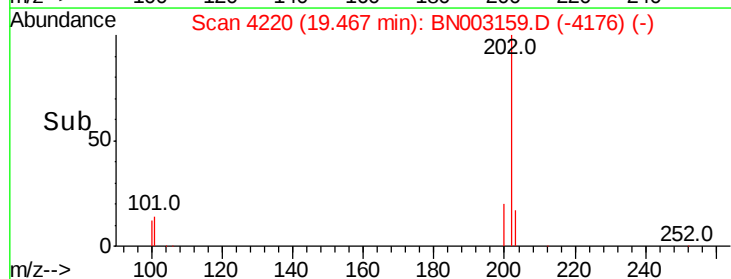
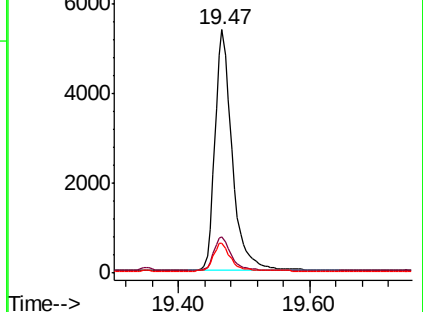
100 12.3 9.9 14.9

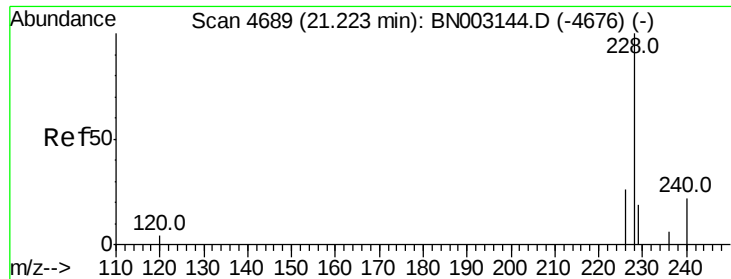


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.438 ng/ul

RT: 21.23 min Scan# 4690

Delta R.T. 0.00 min

Lab File: BN003159.D

Acq: 13 Oct 2018 02:53

Instrument :

BNA_N

ClientSampleId :

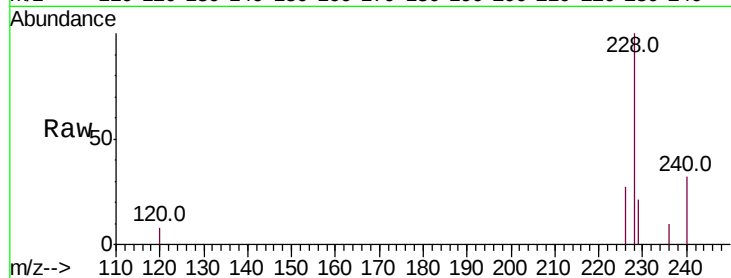
Tot Ion:228 Resp: 7789

Ion Ratio Lower Upper

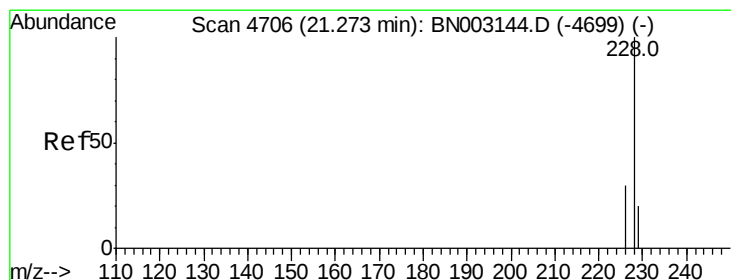
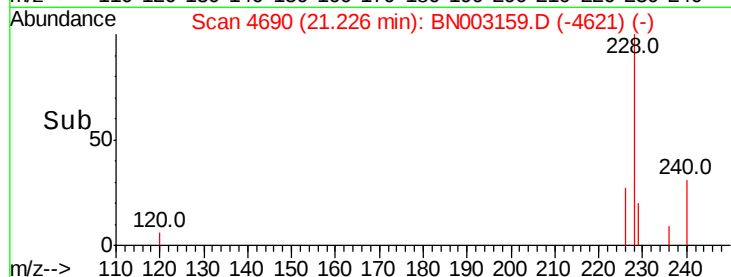
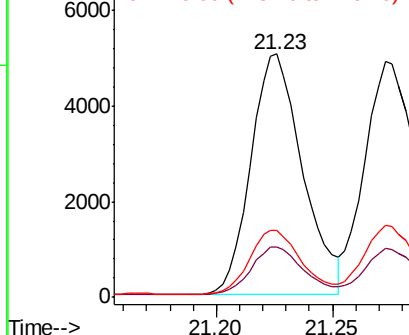
228 100

229 20.5 16.2 24.2

226 27.4 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: 0.445 ng/ul

RT: 21.27 min Scan# 4706

Delta R.T. 0.00 min

Lab File: BN003159.D

Acq: 13 Oct 2018 02:53

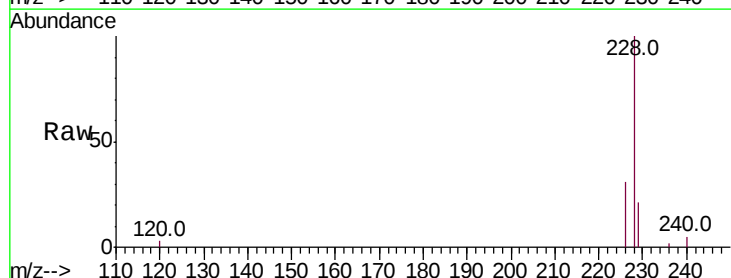
Tgt Ion:228 Resp: 8034

Ion Ratio Lower Upper

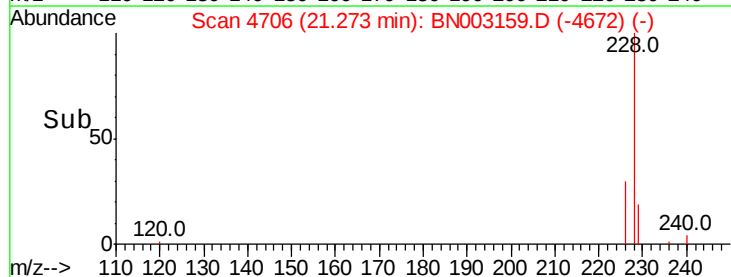
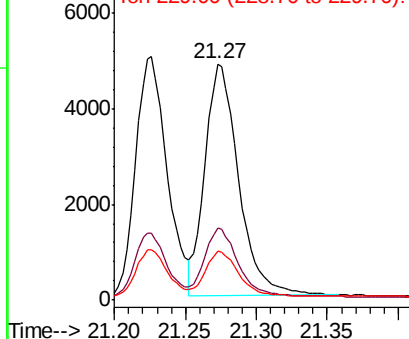
228 100

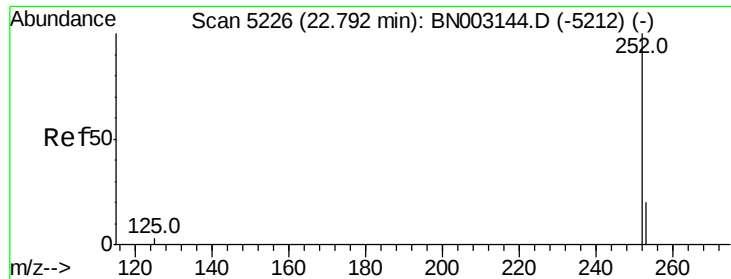
226 30.8 24.2 36.4

229 20.5 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: 0.402 ng/u1

RT: 22.79 min Scan# 5226

Delta R.T. 0.00 min

Lab File: BN003159.D

Acq: 13 Oct 2018 02:53

Instrument :

BNA_N

ClientSampleId :

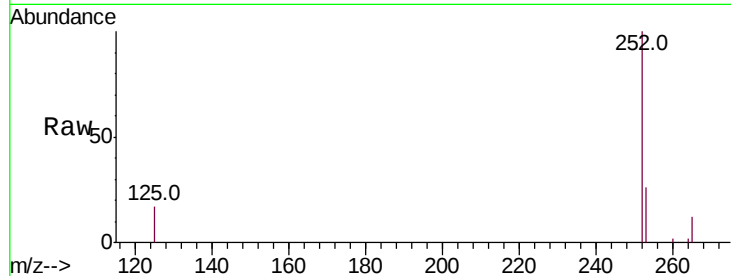
Tot Ion:252 Resp: 6577

Ion Ratio Lower Upper

252 100

253 26.2 0.0 53.2

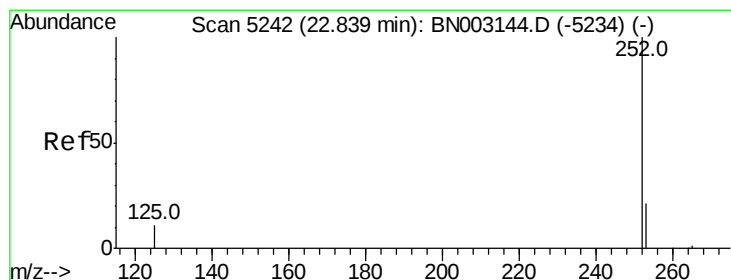
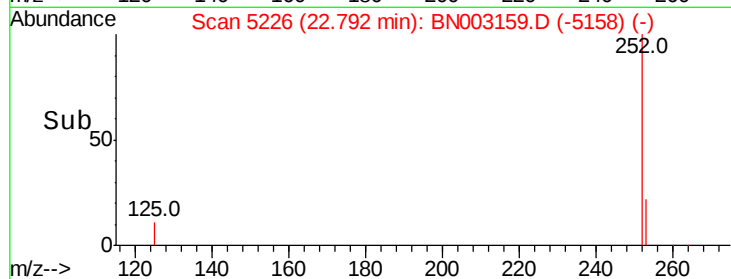
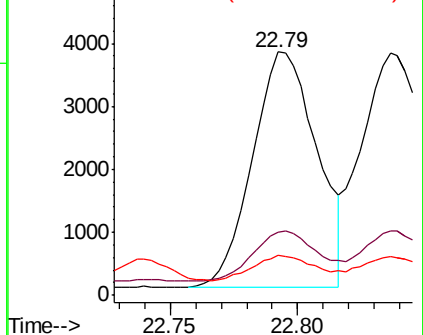
125 16.6 0.0 34.2



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: 0.416 ng/u1

RT: 22.84 min Scan# 5241

Delta R.T. -0.00 min

Lab File: BN003159.D

Acq: 13 Oct 2018 02:53

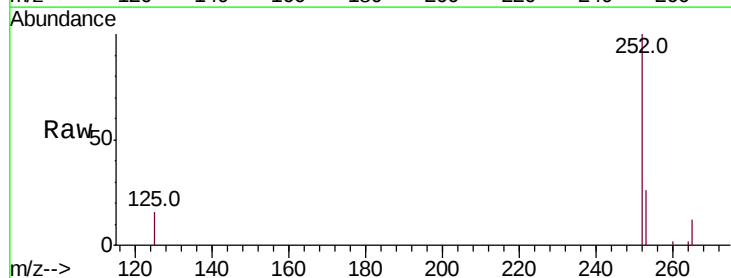
Tgt Ion:252 Resp: 7048

Ion Ratio Lower Upper

252 100

253 26.4 21.3 31.9

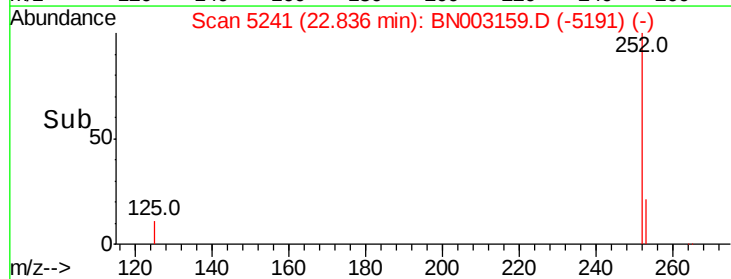
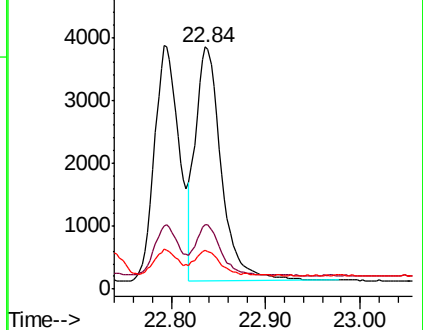
125 16.1 14.1 21.1

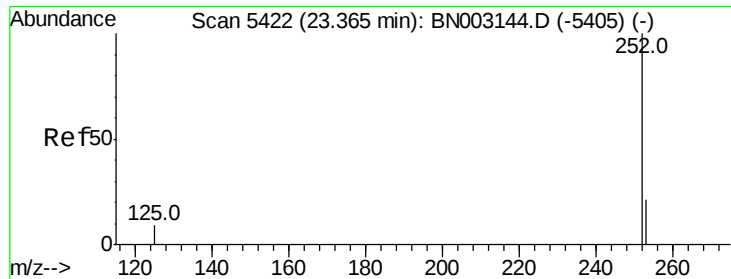


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.440 ng/ul

RT: 23.37 min Scan# 5422

Delta R.T. 0.00 min

Lab File: BN003159.D

Acq: 13 Oct 2018 02:53

Instrument :

BNA_N

ClientSampleId :

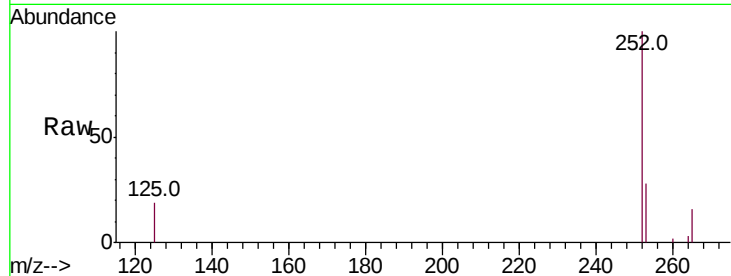
Tot Ion:252 Resp: 6456

Ion Ratio Lower Upper

252 100

253 28.4 23.1 34.7

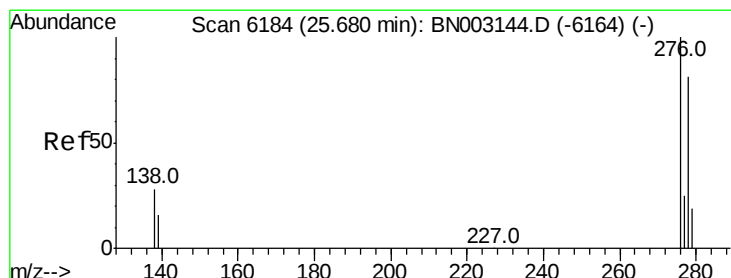
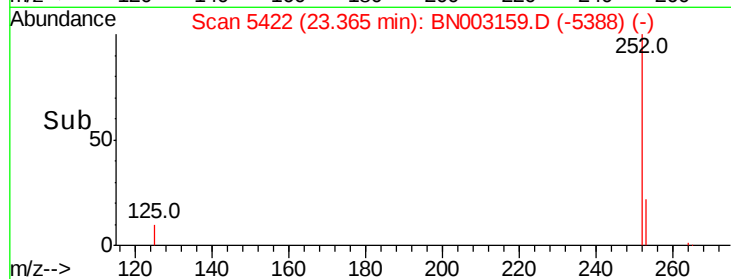
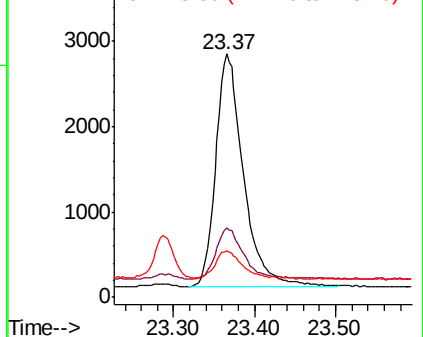
125 19.3 16.9 25.3



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: 0.435 ng/ul

RT: 25.68 min Scan# 6185

Delta R.T. 0.00 min

Lab File: BN003159.D

Acq: 13 Oct 2018 02:53

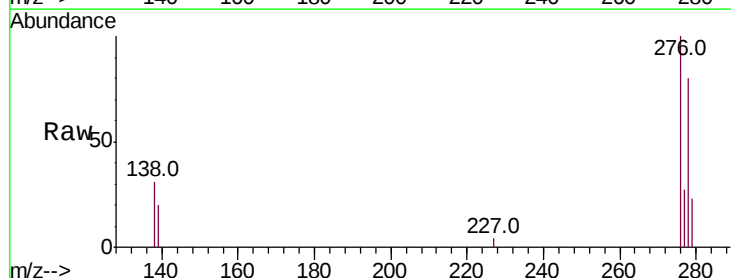
Tgt Ion:276 Resp: 7336

Ion Ratio Lower Upper

276 100

138 27.6 21.5 32.3

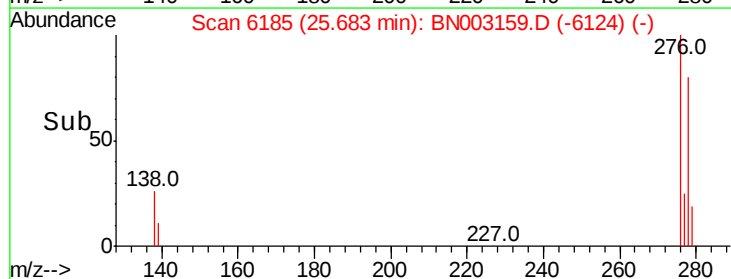
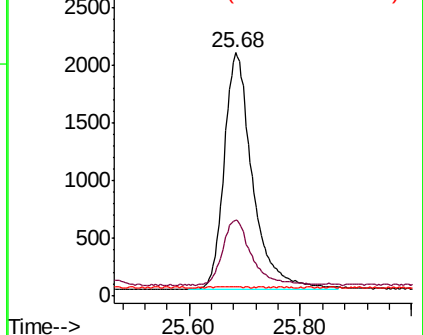
227 0.1 0.3 0.5#

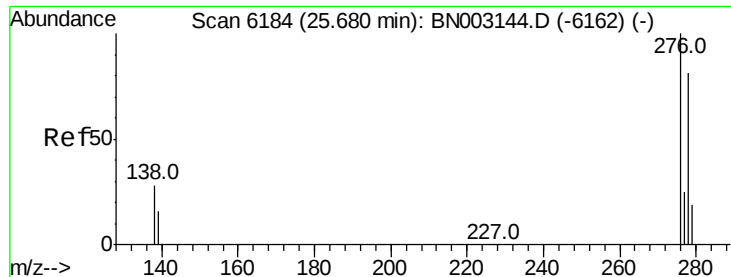


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.437 ng/ul

RT: 25.68 min Scan# 6185

Delta R.T. 0.00 min

Lab File: BN003159.D

Acq: 13 Oct 2018 02:53

Instrument :

BNA_N

ClientSampleId :

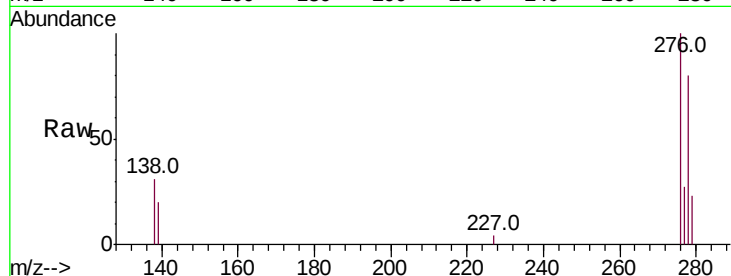
Tot Ion:278 Resp: 5891

Ion Ratio Lower Upper

278 100

139 25.2 20.2 30.4

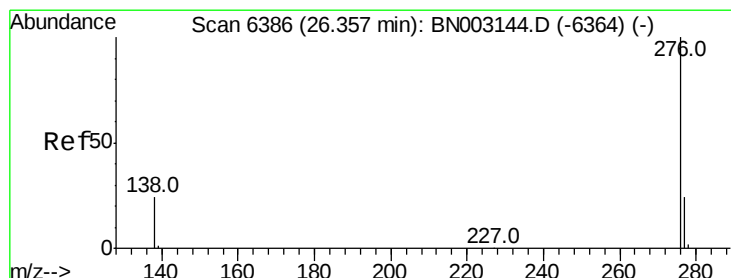
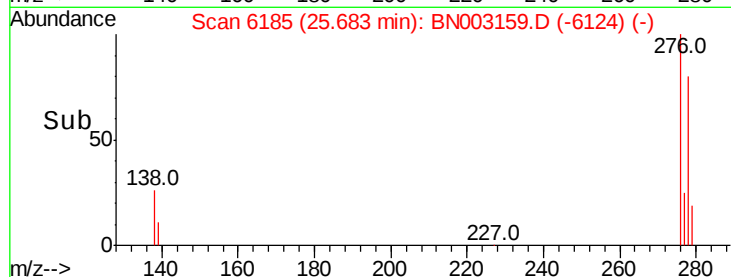
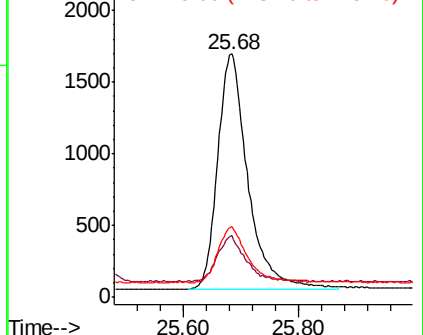
279 29.1 23.8 35.8



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: 0.436 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. 0.00 min

Lab File: BN003159.D

Acq: 13 Oct 2018 02:53

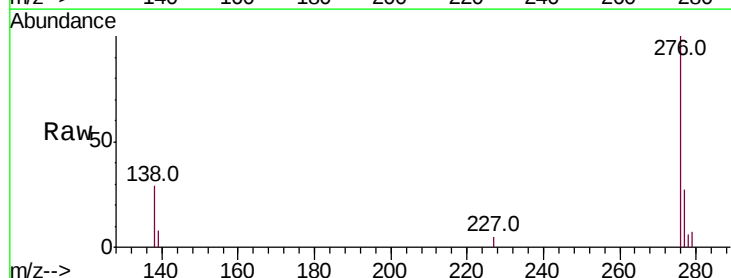
Tgt Ion:276 Resp: 6189

Ion Ratio Lower Upper

276 100

138 29.0 23.0 34.4

277 26.5 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

