

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122818\
 Data File : BN004263.D
 Acq On : 28 Dec 2018 15:36
 Operator : JU/SJ
 Sample : SSTD1.656
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.656

Quant Time: Dec 28 16:19:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN122818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 28 15:21:10 2018
 Response via : Initial Calibration

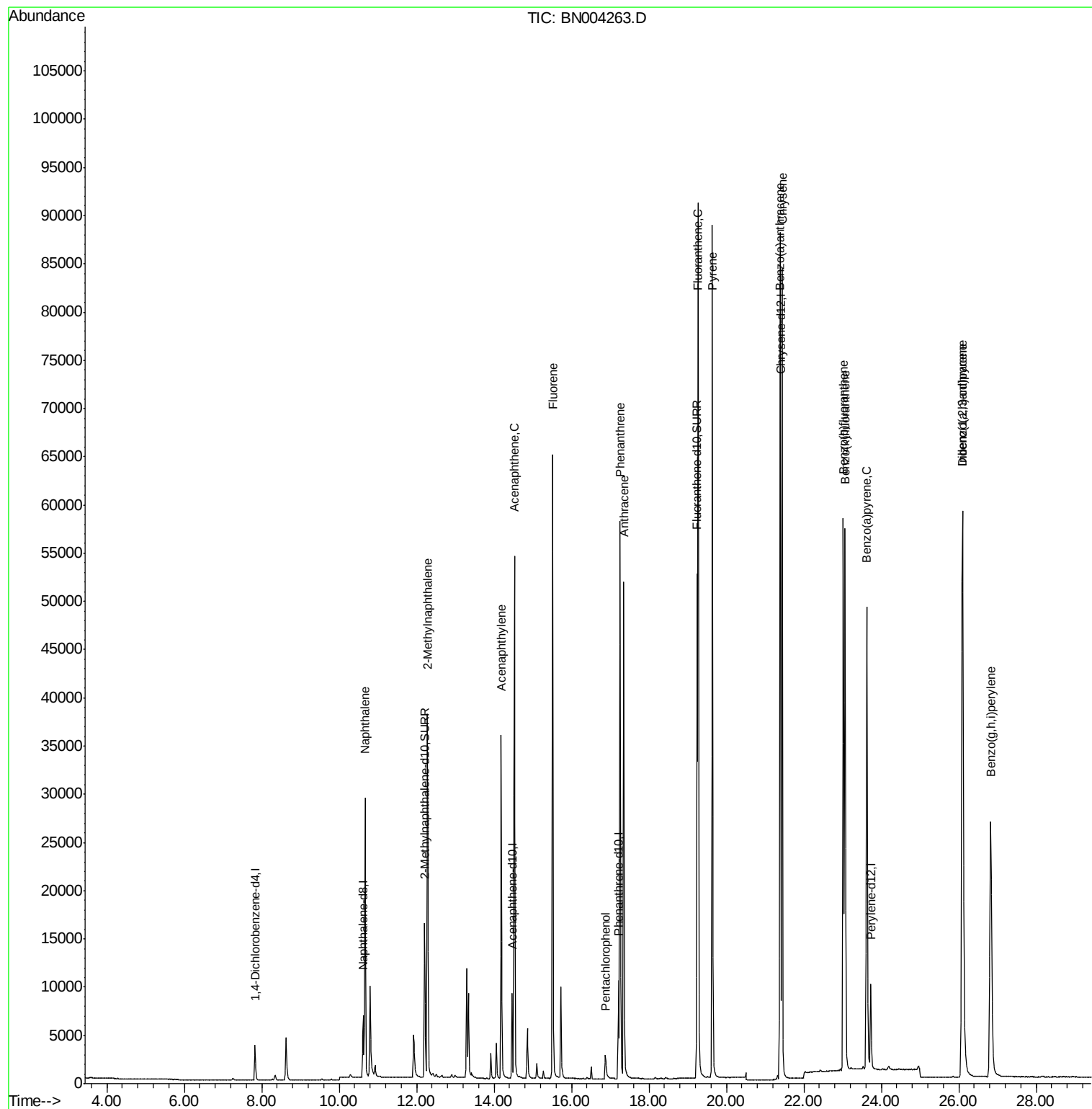
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2062	0.40	ng/ul	0.00
2) Naphthalene-d8	10.62	136	8893	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.46	164	4996	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	12003	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	13426	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	12256	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.20	152	22497	1.92	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	60497	2.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.67	128	40359	1.417	ng/ul	98
5) 2-Methylnaphthalene	12.28	142	29101	1.611	ng/ul	100
7) Acenaphthylene	14.19	152	42900	1.726	ng/ul	99
8) Acenaphthene	14.52	153	33917	1.414	ng/ul	99
9) Fluorene	15.51	166	40271	1.546	ng/ul	99
11) Pentachlorophenol	16.88	266	3015	1.249	ng/ul	99
12) Phenanthrene	17.25	178	63832	1.303	ng/ul	99
13) Anthracene	17.35	178	58847	1.617	ng/ul	99
15) Fluoranthene	19.27	202	80929	1.703	ng/ul	99
17) Pyrene	19.64	202	79689	1.008	ng/ul	99
18) Benzo(a)anthracene	21.39	228	75149	1.426	ng/ul	99
19) Chrysene	21.44	228	75695	1.055	ng/ul	99
21) Benzo(b)fluoranthene	23.02	252	75342	1.021	ng/ul	97
22) Benzo(k)fluoranthene	23.07	252	76239	1.097	ng/ul	96
23) Benzo(a)pyrene	23.63	252	74124	1.285	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	26.10	276	73800	1.133	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.10	278	60323	1.284	ng/ul	96
26) Benzo(g,h,i)perylene	26.83	276	65687	1.024	ng/ul	97

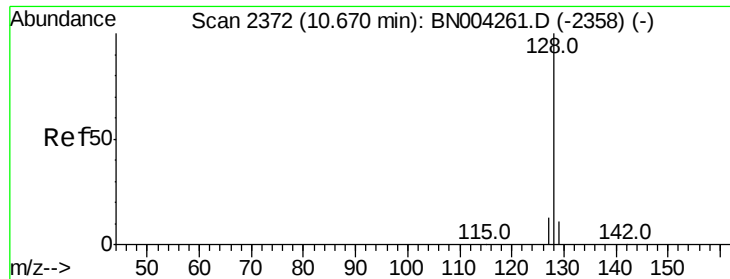
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.417 ng/ul

RT: 10.67 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BN004263.D

Acq: 28 Dec 2018 15:36

Instrument :

BNA_N

ClientSampleId :

SSTD1.656

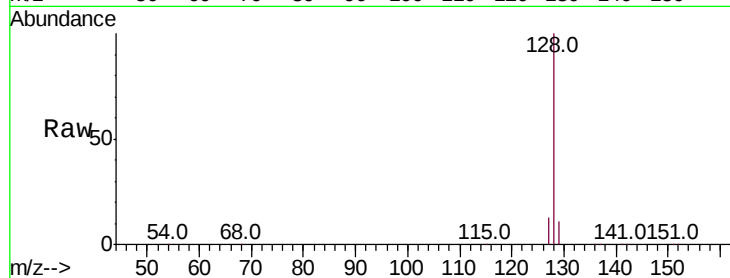
Tot Ion:128 Resp: 40359

Ion Ratio Lower Upper

128 100

129 11.1 9.5 14.3

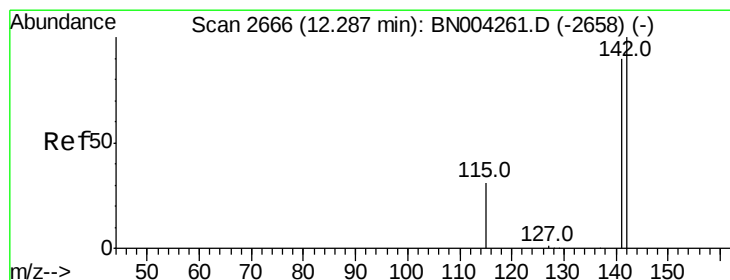
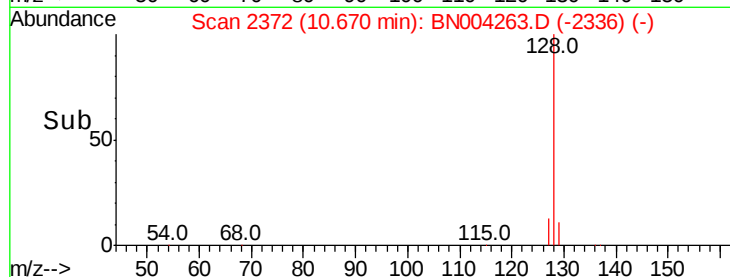
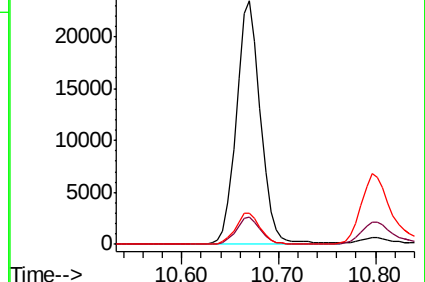
127 13.0 11.0 16.4



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: 1.611 ng/ul

RT: 12.28 min Scan# 2665

Delta R.T. -0.01 min

Lab File: BN004263.D

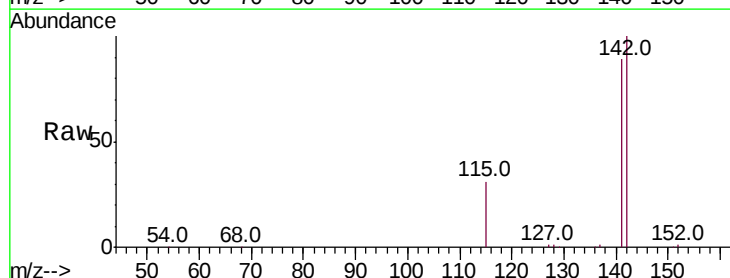
Acq: 28 Dec 2018 15:36

Tgt Ion:142 Resp: 29101

Ion Ratio Lower Upper

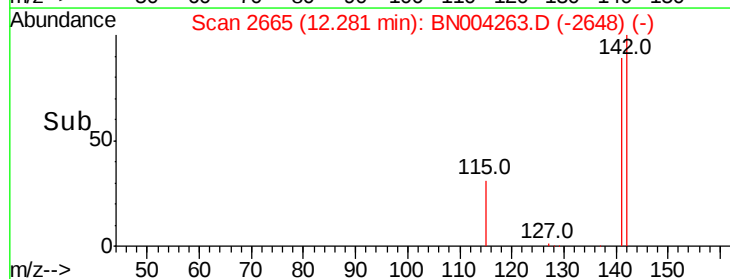
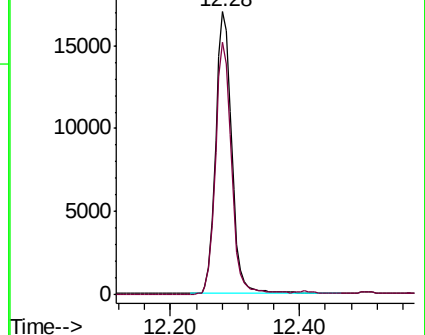
142 100

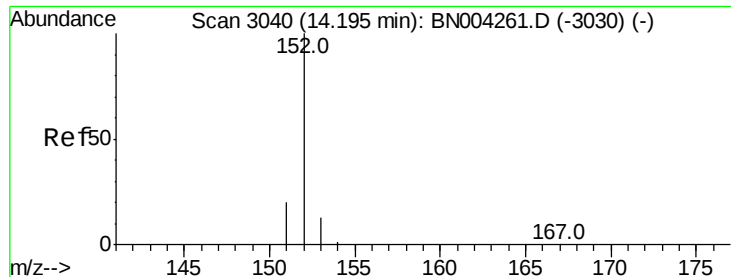
141 88.9 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.726 ng/ul

RT: 14.19 min Scan# 3038

Delta R.T. -0.01 min

Lab File: BN004263.D

Acq: 28 Dec 2018 15:36

Instrument :

BNA_N

ClientSampleId :

SSTD1.656

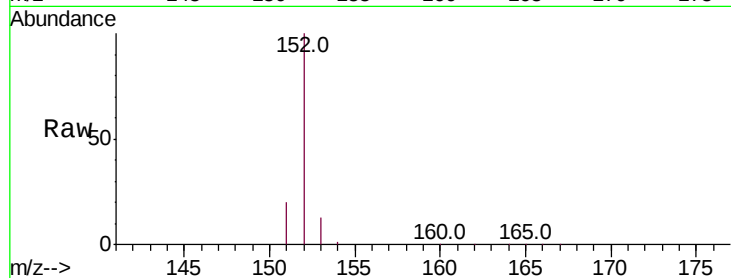
Tot Ion:152 Resp: 42900

Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

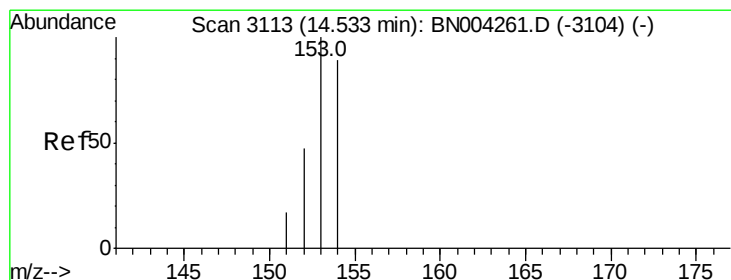
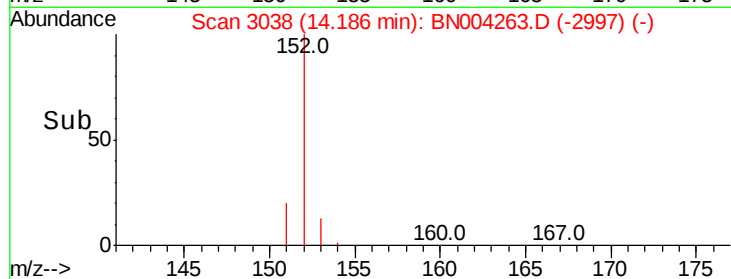
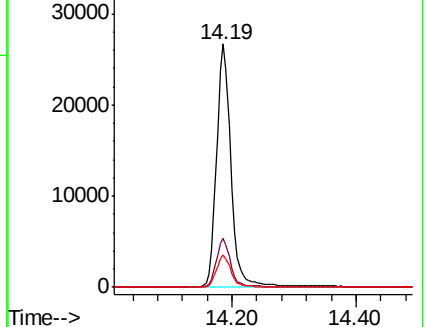
153 13.2 11.1 16.7



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: 1.414 ng/ul

RT: 14.52 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BN004263.D

Acq: 28 Dec 2018 15:36

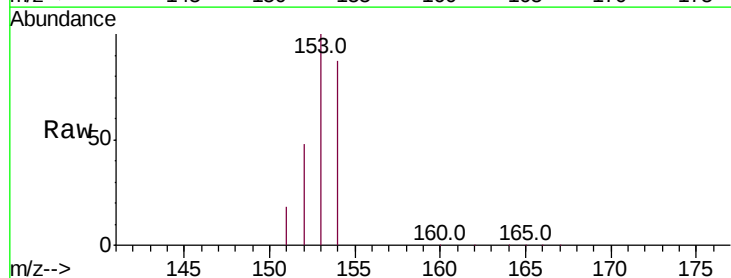
Tgt Ion:153 Resp: 33917

Ion Ratio Lower Upper

153 100

152 48.2 38.2 57.2

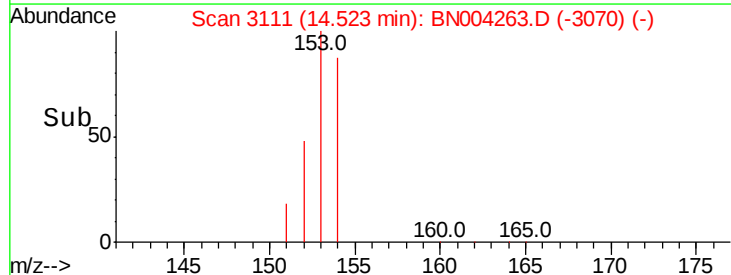
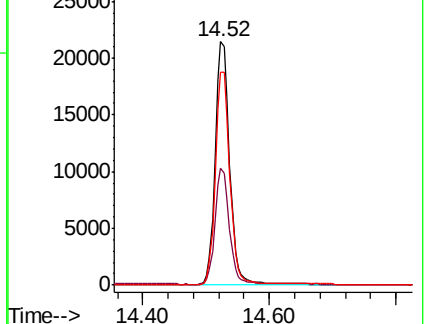
154 87.2 70.9 106.3

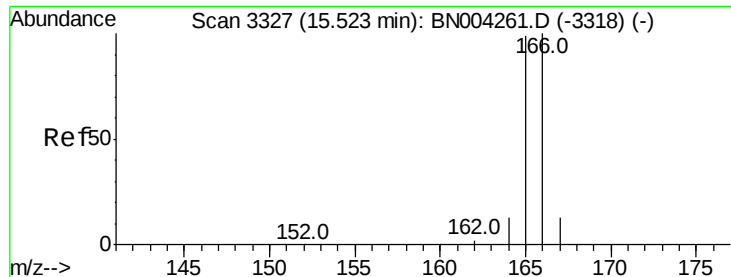


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 1.546 ng/ul

RT: 15.51 min Scan# 3325

Delta R.T. -0.01 min

Lab File: BN004263.D

Acq: 28 Dec 2018 15:36

Instrument :

BNA_N

ClientSampleId :

SSTD1.656

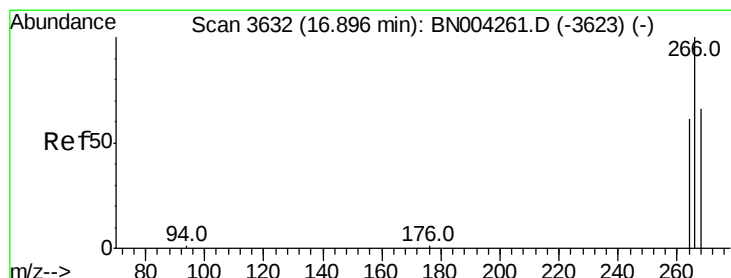
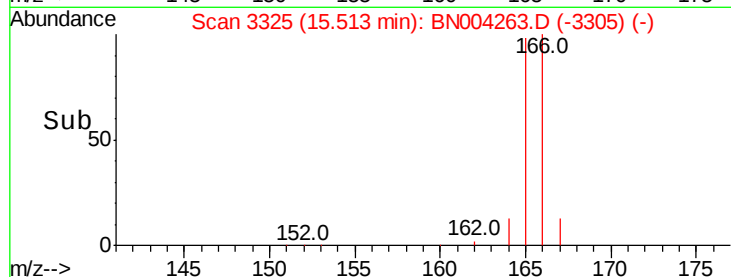
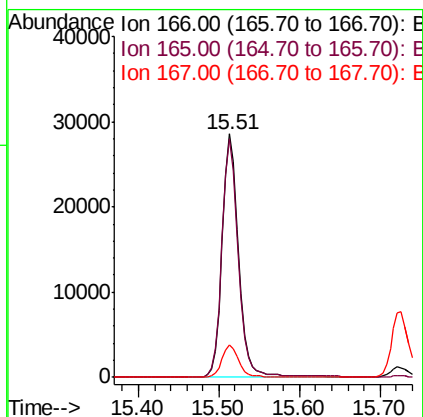
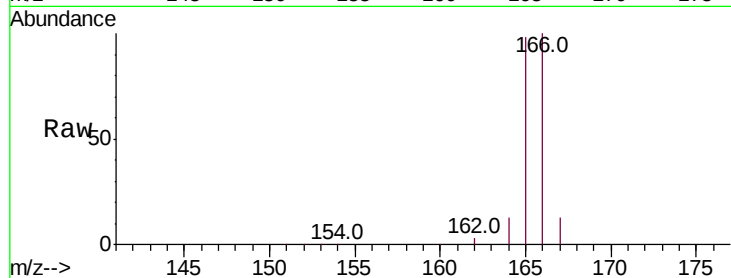
Tot Ion:166 Resp: 40271

Ion Ratio Lower Upper

166 100

165 98.1 79.0 118.6

167 13.3 11.3 16.9



#11

Pentachlorophenol

Concen: 1.249 ng/ul

RT: 16.88 min Scan# 3628

Delta R.T. -0.02 min

Lab File: BN004263.D

Acq: 28 Dec 2018 15:36

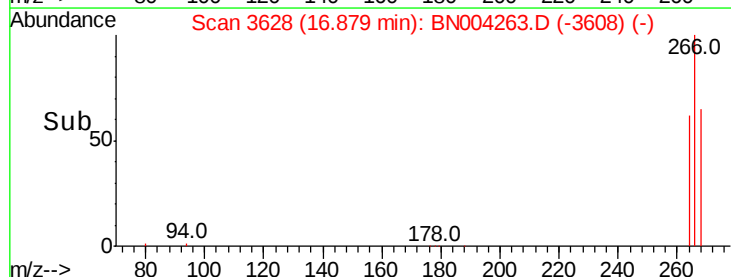
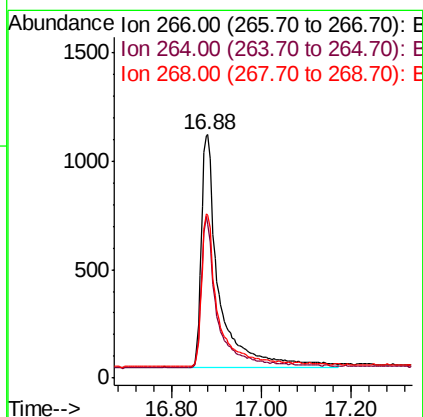
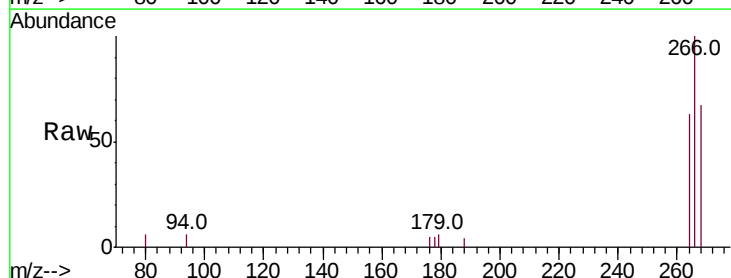
Tgt Ion:266 Resp: 3015

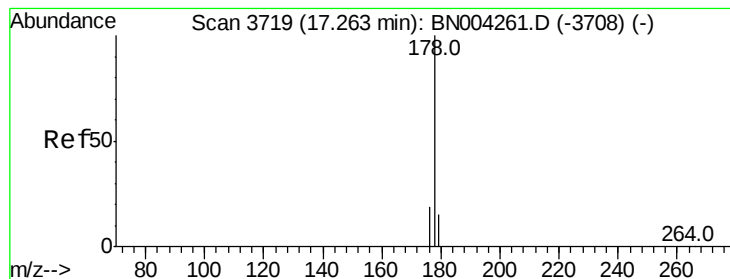
Ion Ratio Lower Upper

266 100

264 62.5 51.1 76.7

268 65.2 52.6 78.8





#12

Phenanthrene

Concen: 1.303 ng/ul

RT: 17.25 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BN004263.D

Acq: 28 Dec 2018 15:36

Instrument :

BNA_N

ClientSampleId :

SSTD1.656

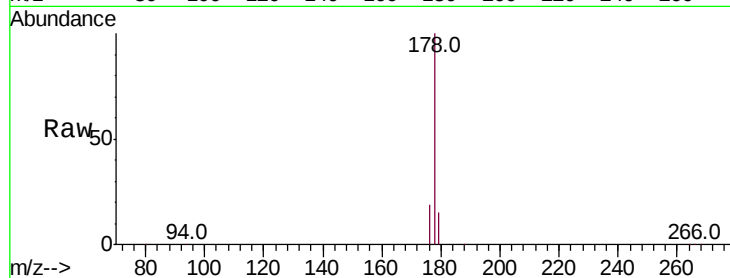
Tot Ion:178 Resp: 63832

Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

176 18.7 15.2 22.8

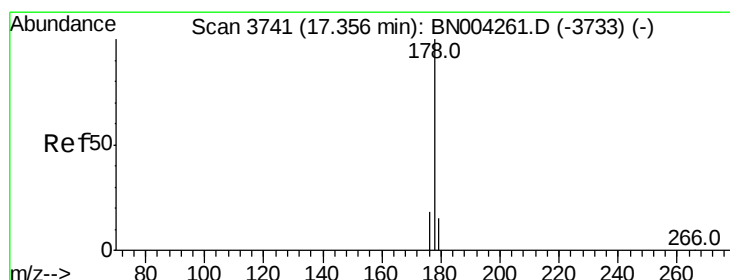
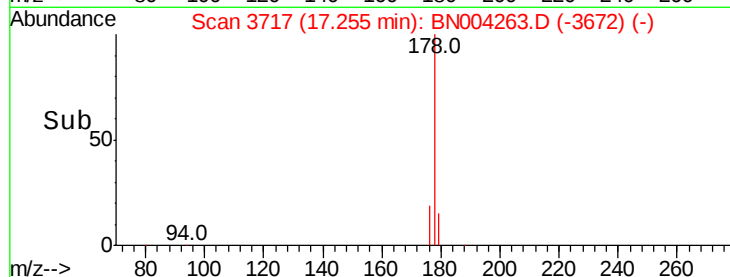
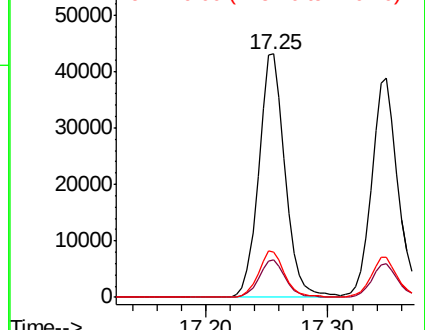


Abundance

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: 1.617 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. -0.01 min

Lab File: BN004263.D

Acq: 28 Dec 2018 15:36

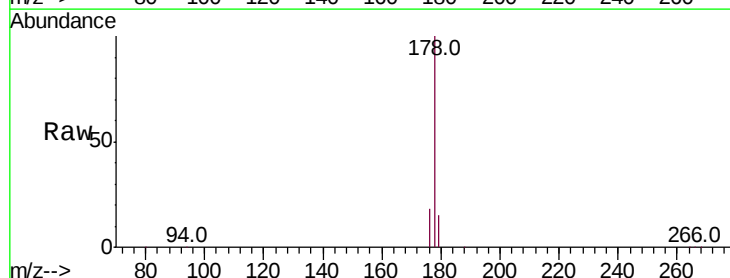
Tgt Ion:178 Resp: 58847

Ion Ratio Lower Upper

178 100

179 15.4 12.7 19.1

176 18.1 15.0 22.6

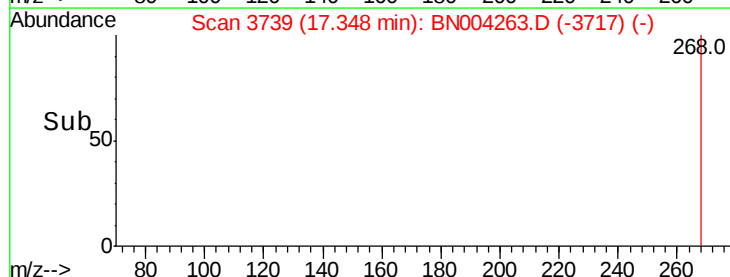
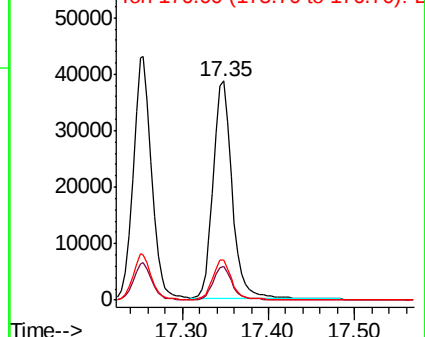


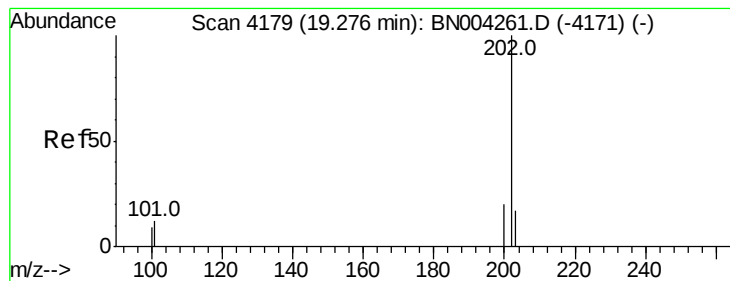
Abundance

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: 1.703 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN004263.D

Acq: 28 Dec 2018 15:36

Instrument :

BNA_N

ClientSampleId :

SSTD1.656

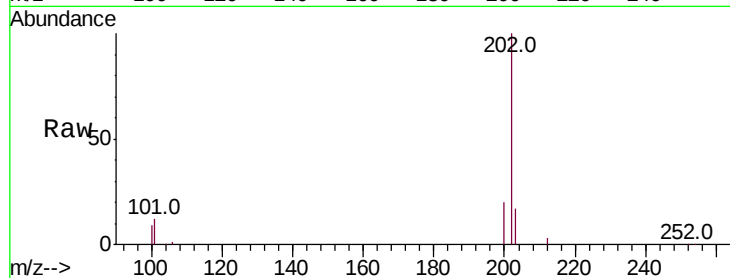
Tot Ion:202 Resp: 80929

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.6

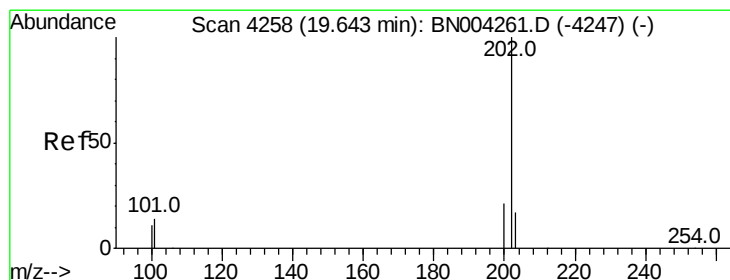
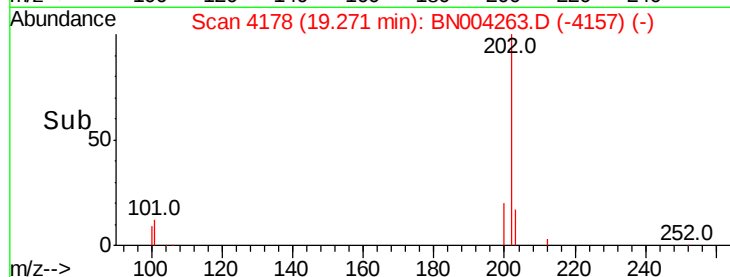
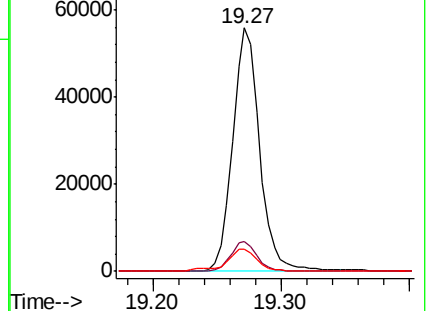
100 9.2 0.0 29.7



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



#17

Pyrene

Concen: 1.008 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004263.D

Acq: 28 Dec 2018 15:36

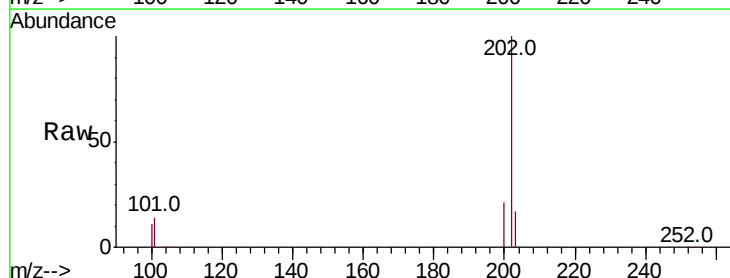
Tgt Ion:202 Resp: 79689

Ion Ratio Lower Upper

202 100

101 13.7 11.2 16.8

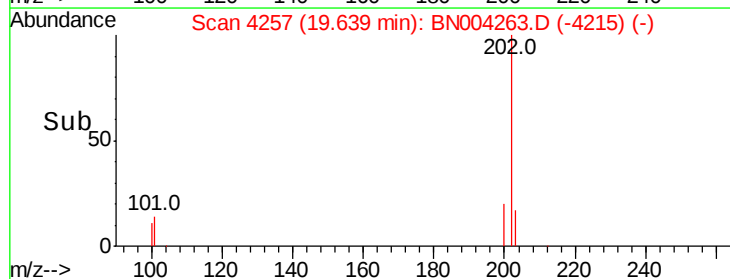
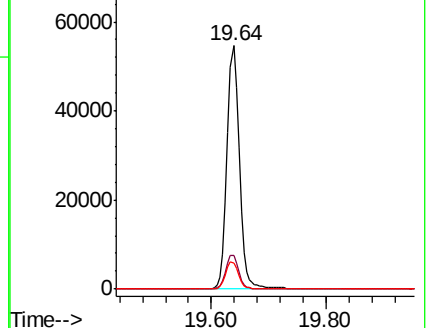
100 10.9 9.1 13.7

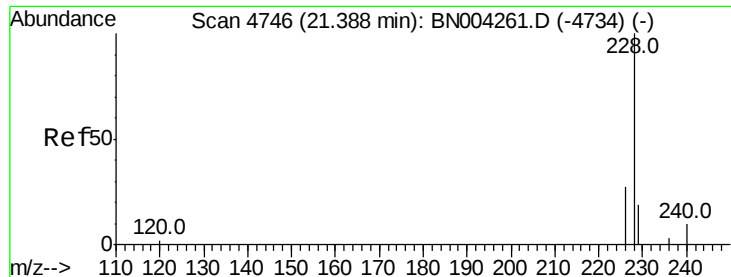


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 1.426 ng/ul

RT: 21.39 min Scan# 4745

Delta R.T. -0.00 min

Lab File: BN004263.D

Acq: 28 Dec 2018 15:36

Instrument :

BNA_N

ClientSampleId :

SSTD1.656

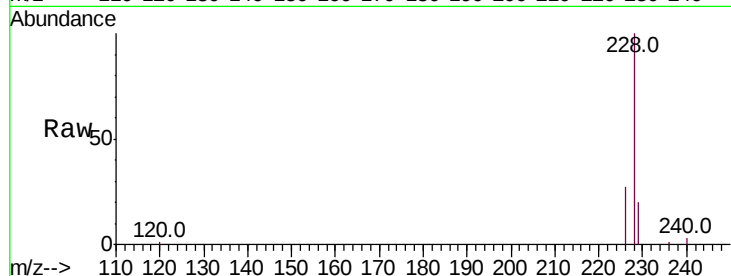
Tot Ion:228 Resp: 75149

Ion Ratio Lower Upper

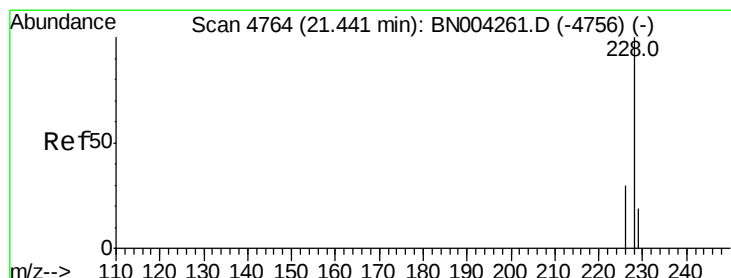
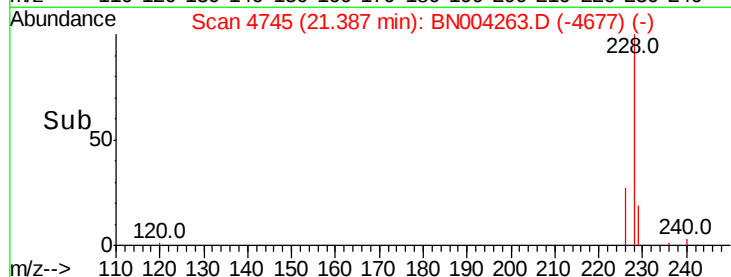
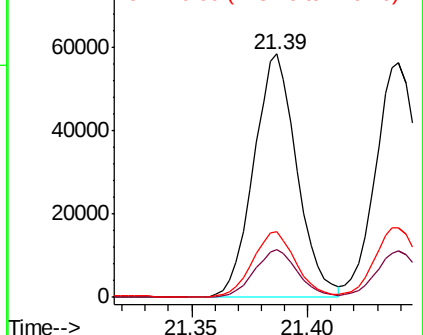
228 100

229 19.6 15.9 23.9

226 26.8 21.9 32.9



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: 1.055 ng/ul

RT: 21.44 min Scan# 4763

Delta R.T. -0.00 min

Lab File: BN004263.D

Acq: 28 Dec 2018 15:36

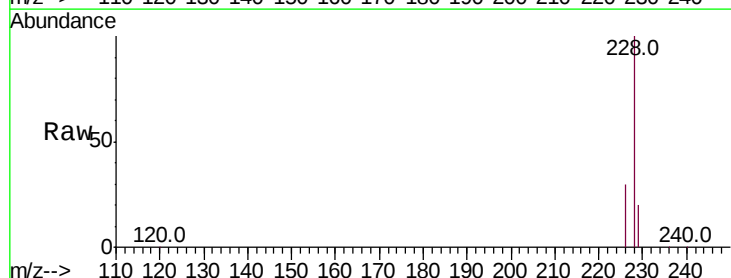
Tgt Ion:228 Resp: 75695

Ion Ratio Lower Upper

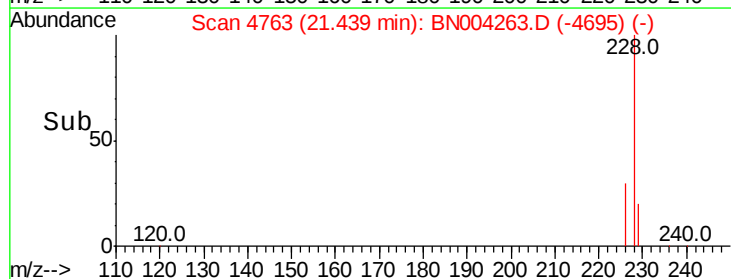
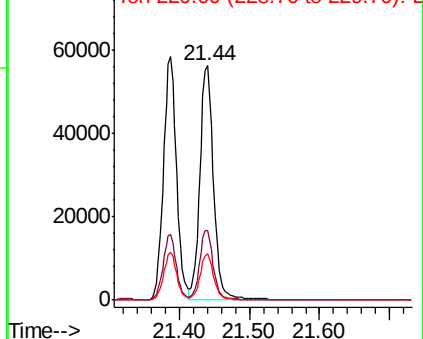
228 100

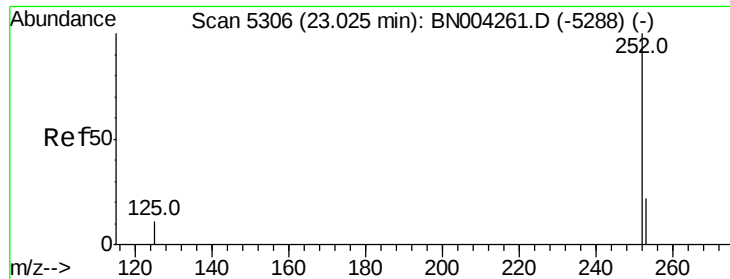
226 29.7 24.3 36.5

229 19.8 15.9 23.9



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: 1.021 ng/ul

RT: 23.02 min Scan# 5304

Delta R.T. -0.00 min

Lab File: BN004263.D

Acq: 28 Dec 2018 15:36

Instrument :

BNA_N

ClientSampleId :

SSTD1.656

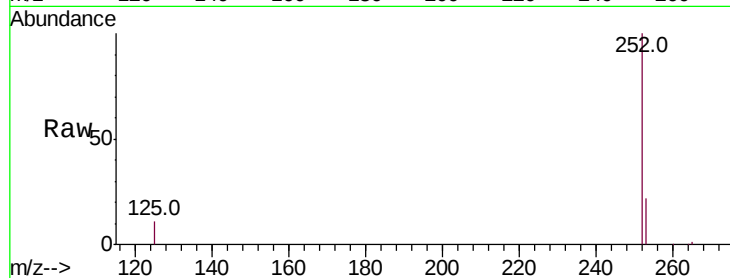
Tot Ion:252 Resp: 75342

Ion Ratio Lower Upper

252 100

253 22.2 0.0 47.6

125 11.1 0.0 25.0

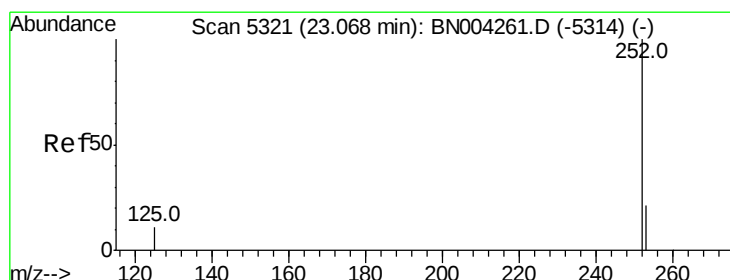
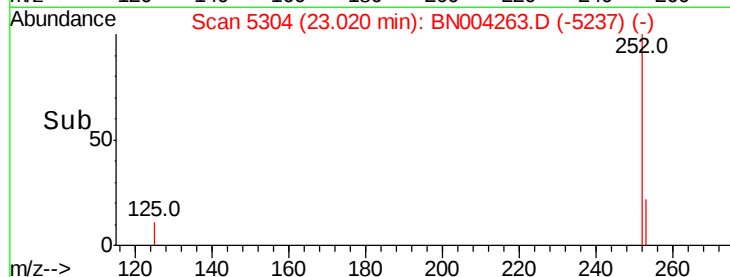
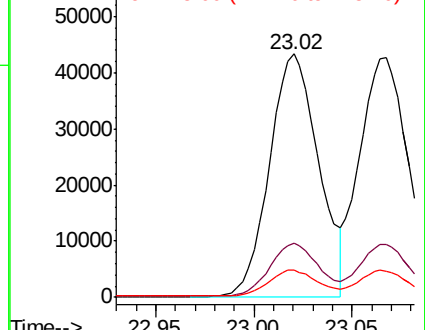


Abundance

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: 1.097 ng/ul

RT: 23.07 min Scan# 5320

Delta R.T. -0.00 min

Lab File: BN004263.D

Acq: 28 Dec 2018 15:36

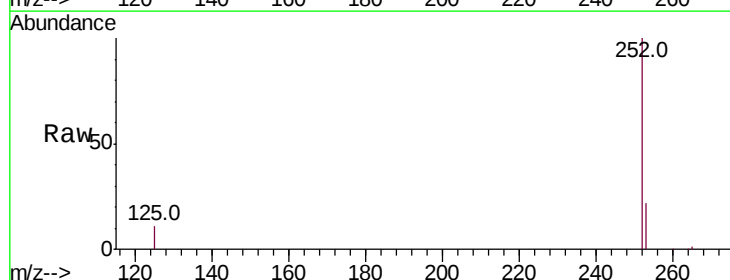
Tgt Ion:252 Resp: 76239

Ion Ratio Lower Upper

252 100

253 22.2 19.0 28.6

125 11.0 10.2 15.2

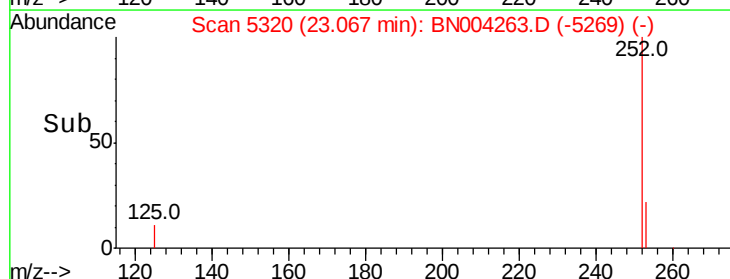
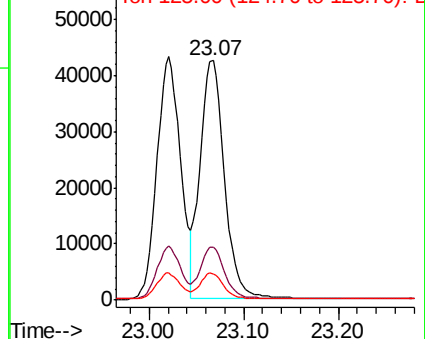


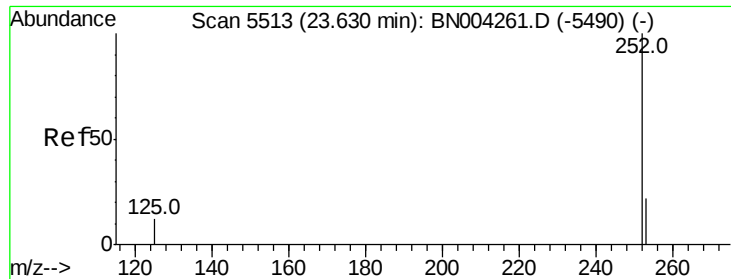
Abundance

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





#23

Benzo(a)pyrene

Concen: 1.285 ng/ul

RT: 23.63 min Scan# 5511

Delta R.T. -0.00 min

Lab File: BN004263.D

Acq: 28 Dec 2018 15:36

Instrument :

BNA_N

ClientSampleId :

SSTD1.656

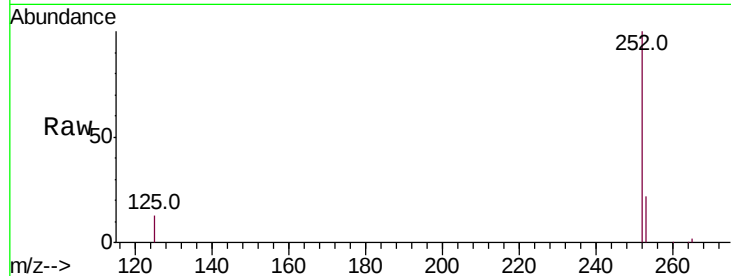
Tot Ion:252 Resp: 74124

Ion Ratio Lower Upper

252 100

253 22.4 20.0 30.0

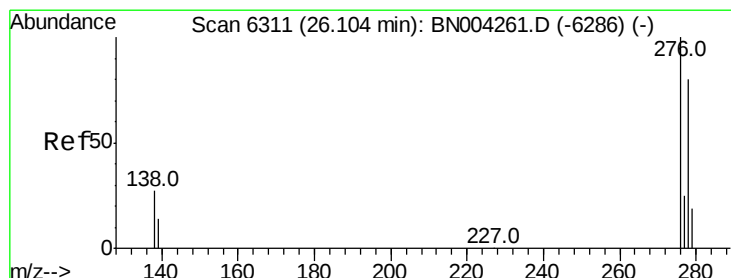
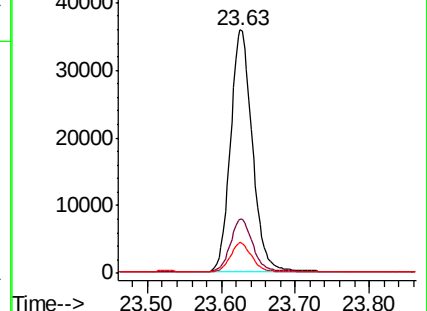
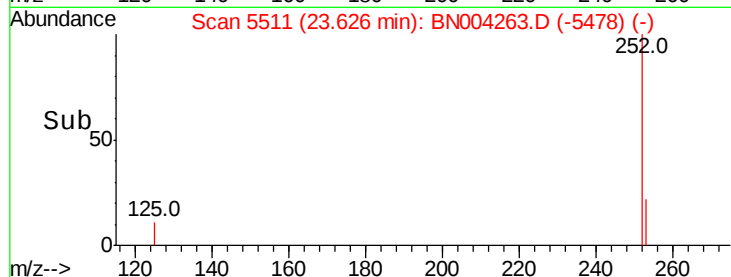
125 12.6 11.4 17.0



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: 1.133 ng/ul

RT: 26.10 min Scan# 6308

Delta R.T. -0.01 min

Lab File: BN004263.D

Acq: 28 Dec 2018 15:36

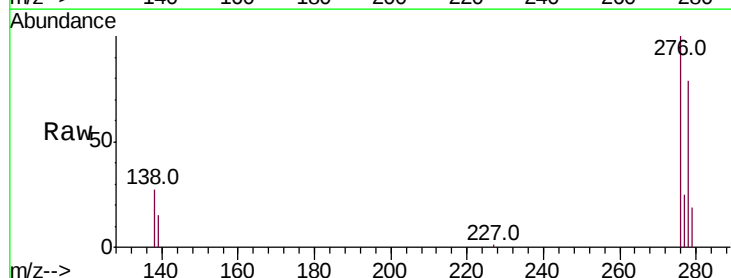
Tgt Ion:276 Resp: 73800

Ion Ratio Lower Upper

276 100

138 26.4 0.0 0.0#

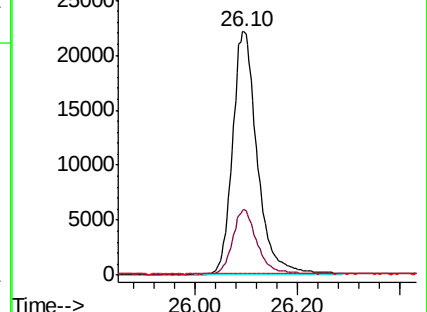
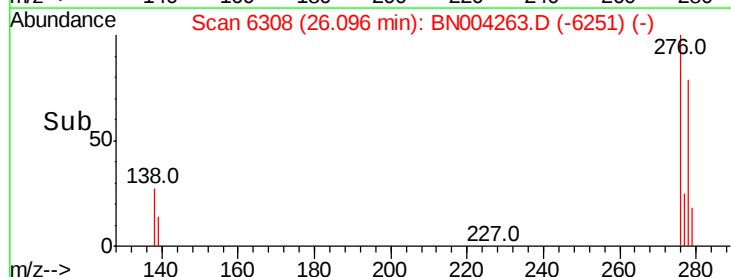
227 0.2 0.1 0.1#

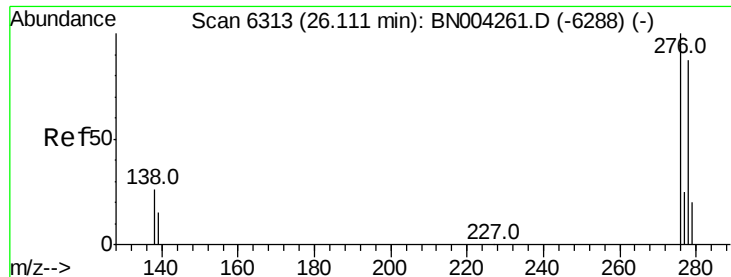


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

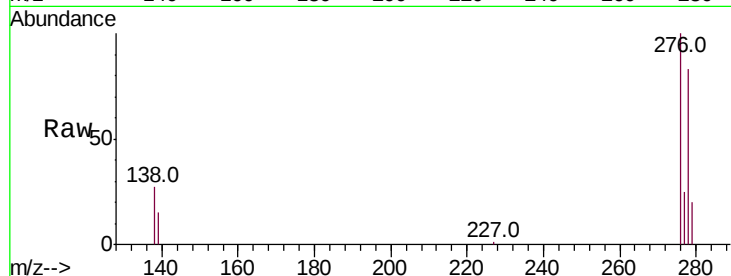




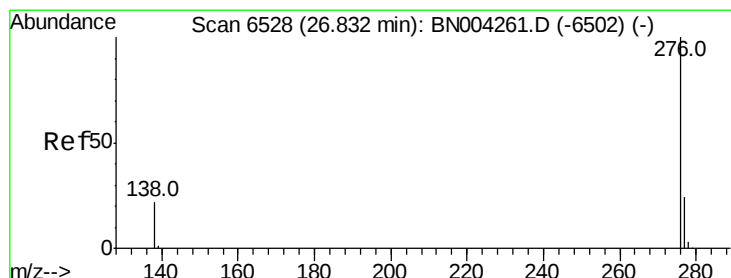
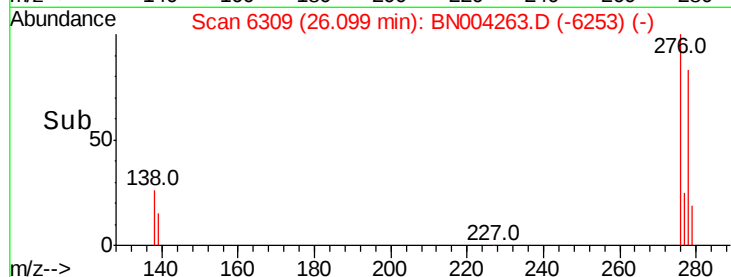
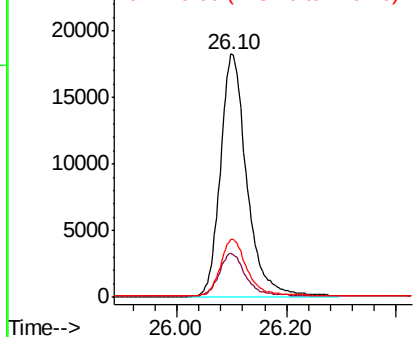
#25
Dibenzo(a,h)anthracene
Concen: 1.284 ng/ul
RT: 26.10 min Scan# 6309
Delta R.T. -0.01 min
Lab File: BN004263.D
Acq: 28 Dec 2018 15:36

Instrument :
BNA_N
ClientSampleId :
SSTD1.656

Tot Ion:278 Resp: 60323
Ion Ratio Lower Upper
278 100
139 18.2 15.4 23.2
279 23.8 21.0 31.6

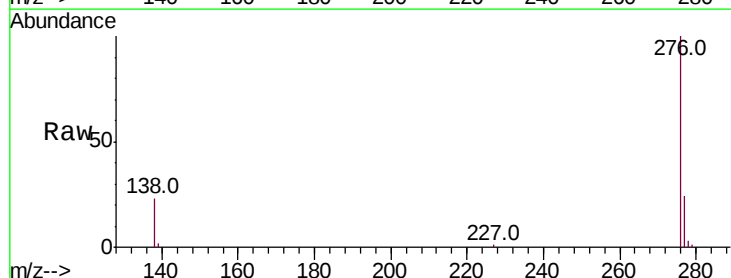


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 1.024 ng/ul
RT: 26.83 min Scan# 6526
Delta R.T. -0.00 min
Lab File: BN004263.D
Acq: 28 Dec 2018 15:36

Tgt Ion:276 Resp: 65687
Ion Ratio Lower Upper
276 100
138 22.8 19.4 29.0
277 23.9 20.4 30.6



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

