

Data Path : Z:\HPCHEM1\BNA N\DATA\BN030518\
 Data File : BN000253.D
 Acq On : 05 Mar 2018 19:44
 Operator : JU/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.461

Quant Time: Mar 06 04:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN030218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 04:37:49 2018
 Response via : Initial Calibration

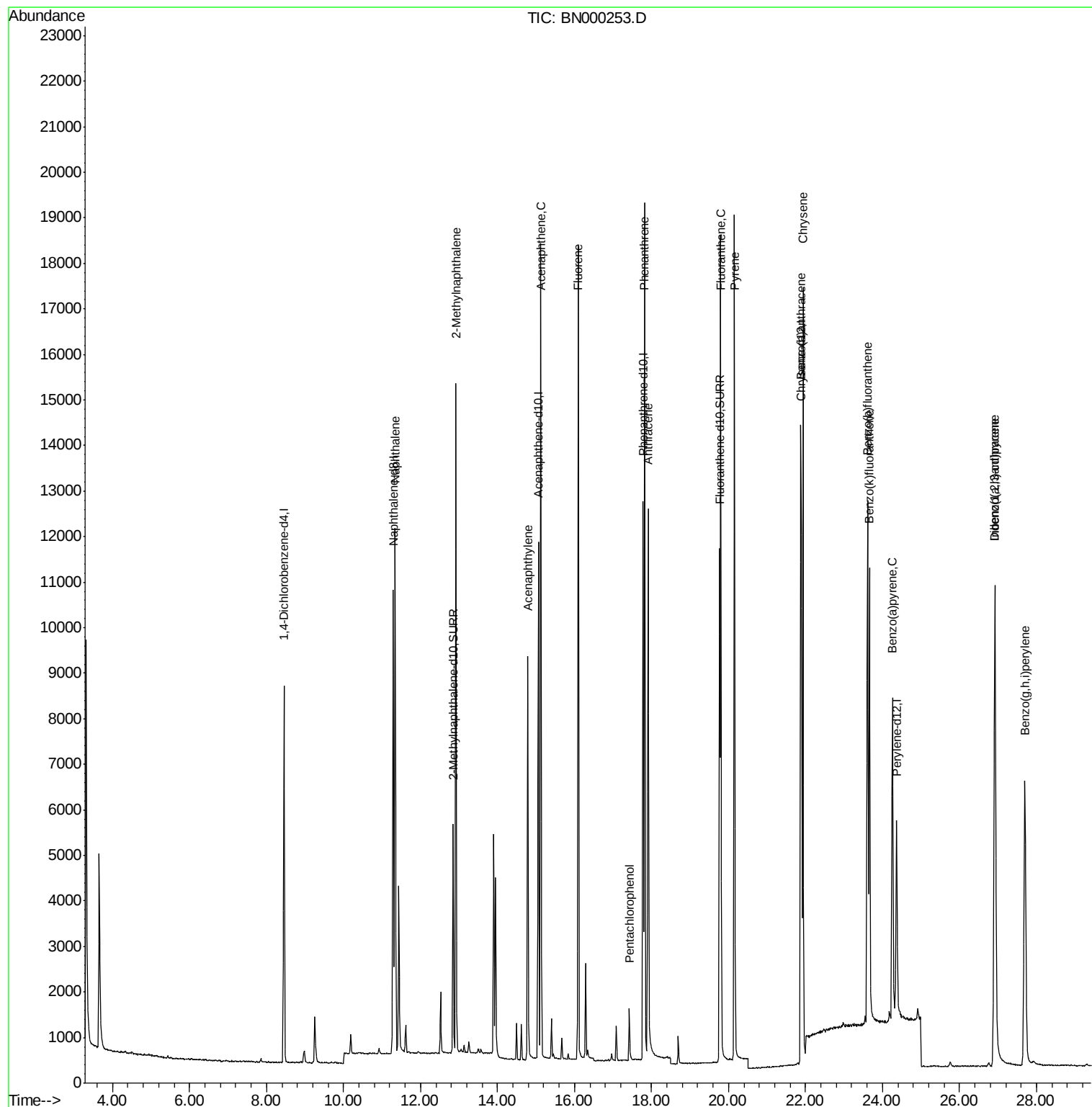
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	4285	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	13680	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	5871	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.78	188	13245	0.40	ng/ul	0.00
16) Chrysene-d12	21.89	240	8122	0.40	ng/ul	0.00
20) Perylene-d12	24.37	264	6689	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.84	152	6526	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.77	212	10946	0.36	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.34	128	16203	0.370	ng/ul#	87
5) 2-Methylnaphthalene	12.92	142	10057	0.362	ng/ul	99
7) Acenaphthylene	14.79	152	10466	0.358	ng/ul	97
8) Acenaphthene	15.12	153	10410	0.369	ng/ul	94
9) Fluorene	16.10	166	11337	0.370	ng/ul#	91
11) Pentachlorophenol	17.42	266	847	0.318	ng/ul	100
12) Phenanthrene	17.82	178	19767	0.366	ng/ul#	87
13) Anthracene	17.91	178	14251	0.355	ng/ul#	91
15) Fluoranthene	19.80	202	18676	0.356	ng/ul	62
17) Pyrene	20.15	202	18460	0.386	ng/ul#	55
18) Benzo(a)anthracene	21.88	228	11564	0.363	ng/ul#	84
19) Chrysene	21.93	228	16214	0.374	ng/ul	95
21) Benzo(b)fluoranthene	23.61	252	15083	0.375	ng/ul	87
22) Benzo(k)fluoranthene	23.66	252	13830	0.365	ng/ul#	89
23) Benzo(a)pyrene	24.26	252	11740	0.373	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.91	276	12990	0.365	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.93	278	9335	0.364	ng/ul#	80
26) Benzo(g,h,i)perylene	27.70	276	12625	0.361	ng/ul#	82

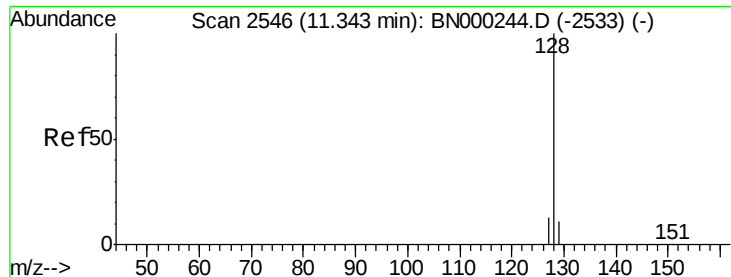
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.370 ng/ul

RT: 11.34 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BN000253.D

Acq: 05 Mar 2018 19:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.461

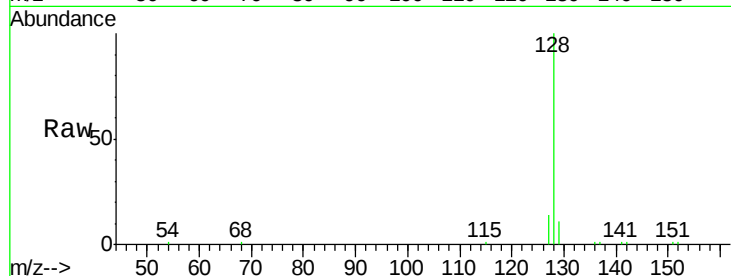
Tot Ion:128 Resp: 16203

Ion Ratio Lower Upper

128 100

129 10.9 11.3 16.9#

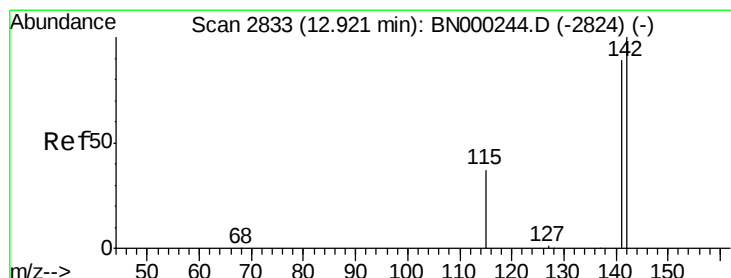
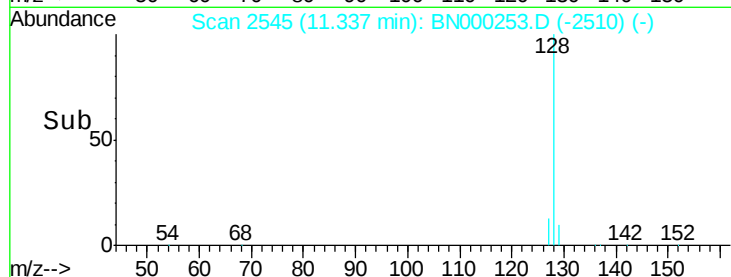
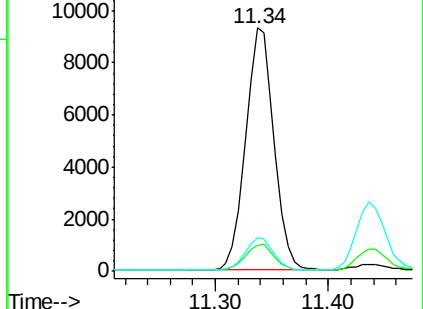
127 13.9 4.0 6.0#



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: 0.362 ng/ul

RT: 12.92 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BN000253.D

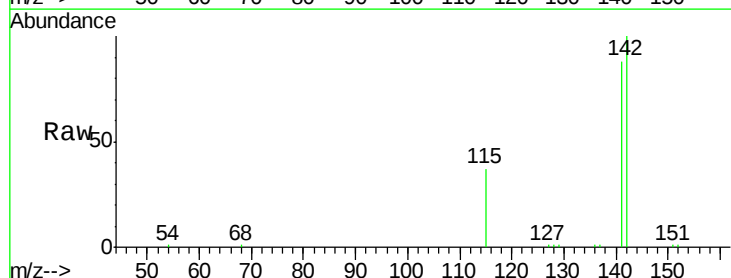
Acq: 05 Mar 2018 19:44

Tgt Ion:142 Resp: 10057

Ion Ratio Lower Upper

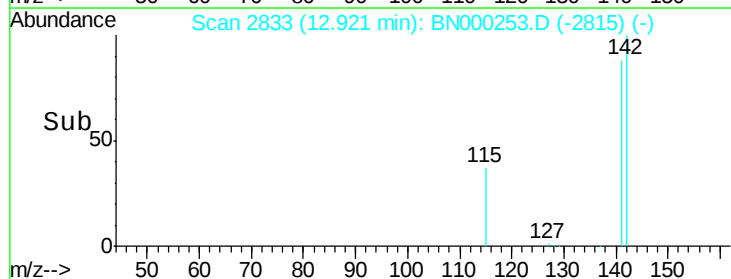
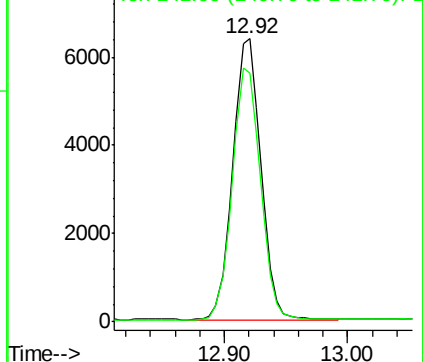
142 100

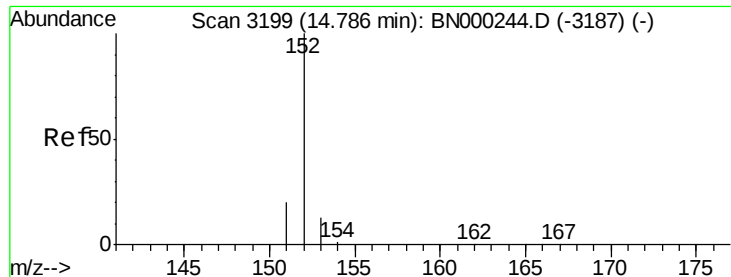
141 90.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.358 ng/ul

RT: 14.79 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BN000253.D

Acq: 05 Mar 2018 19:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.461

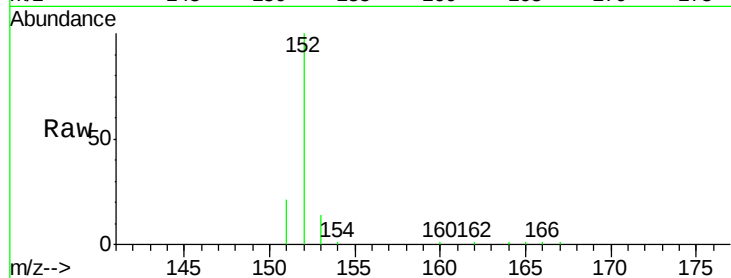
Tot Ion:152 Resp: 10466

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7

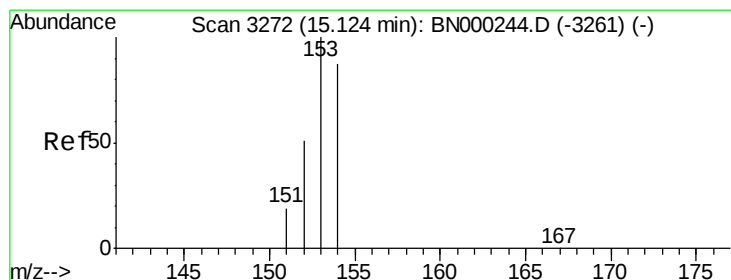
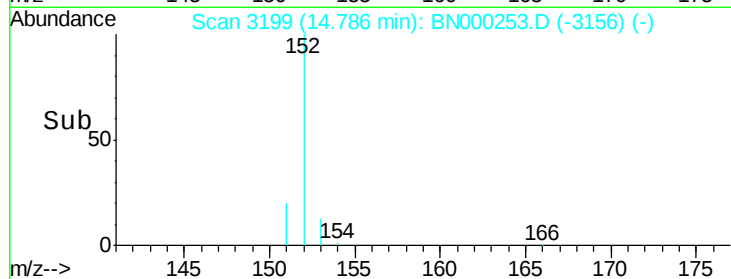
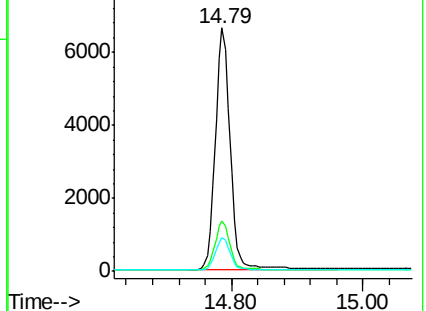
153 13.8 12.8 19.2



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: 0.369 ng/ul

RT: 15.12 min Scan# 3272

Delta R.T. -0.00 min

Lab File: BN000253.D

Acq: 05 Mar 2018 19:44

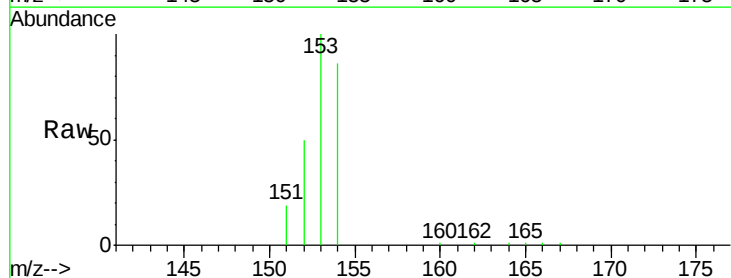
Tgt Ion:153 Resp: 10410

Ion Ratio Lower Upper

153 100

152 50.4 36.0 54.0

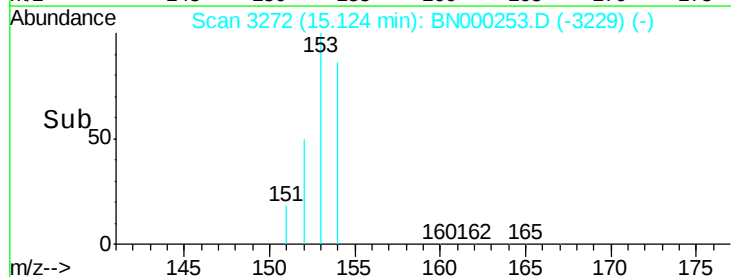
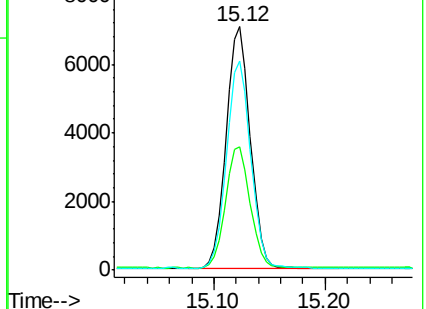
154 86.0 72.0 108.0

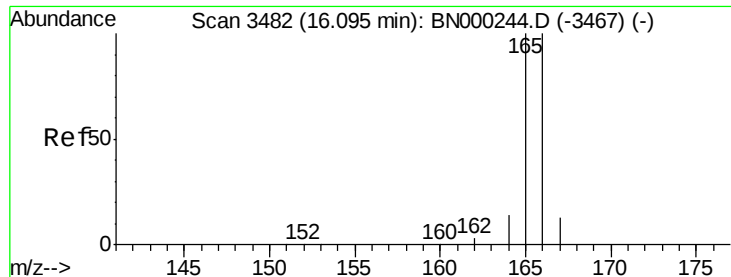


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.370 ng/ul

RT: 16.10 min Scan# 3482

Delta R.T. -0.00 min

Lab File: BN000253.D

Acq: 05 Mar 2018 19:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.461

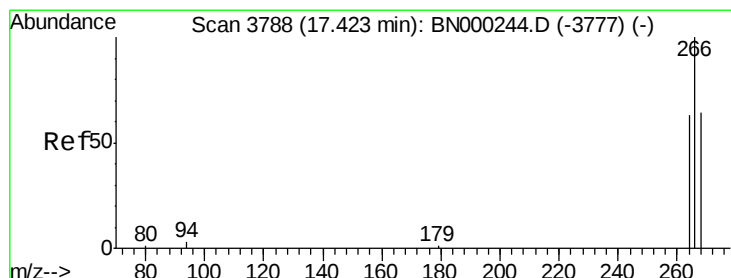
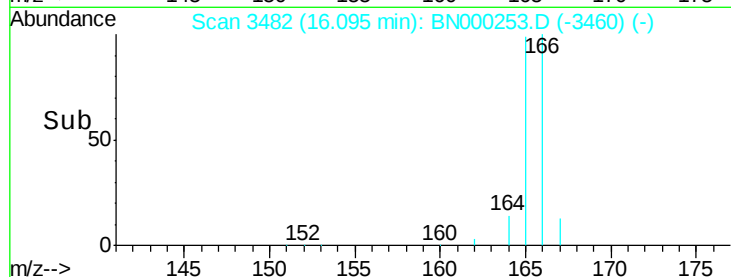
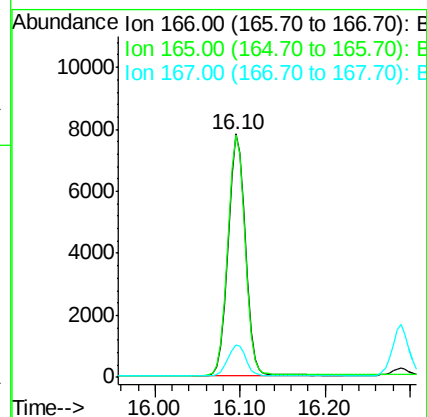
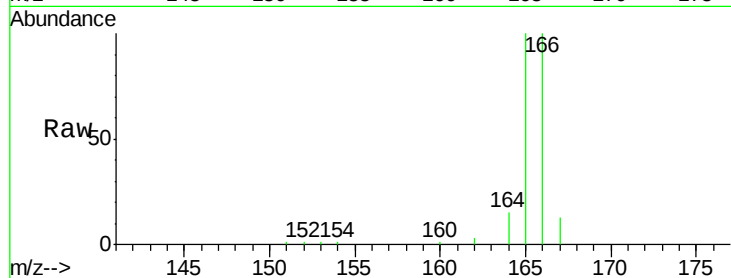
Tot Ion:166 Resp: 11337

Ion Ratio Lower Upper

166 100

165 99.5 73.4 110.2

167 13.2 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.318 ng/ul

RT: 17.42 min Scan# 3788

Delta R.T. -0.00 min

Lab File: BN000253.D

Acq: 05 Mar 2018 19:44

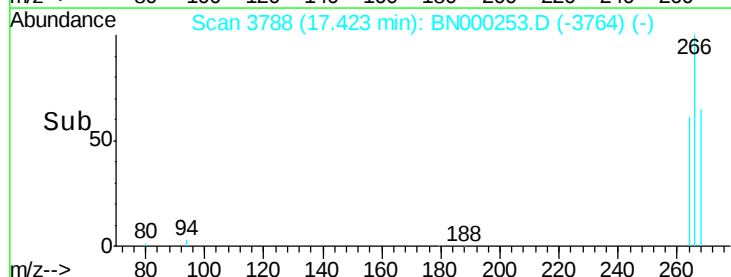
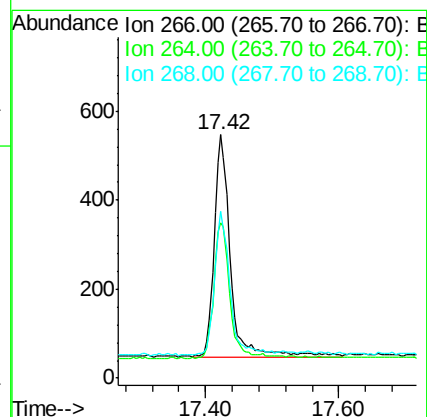
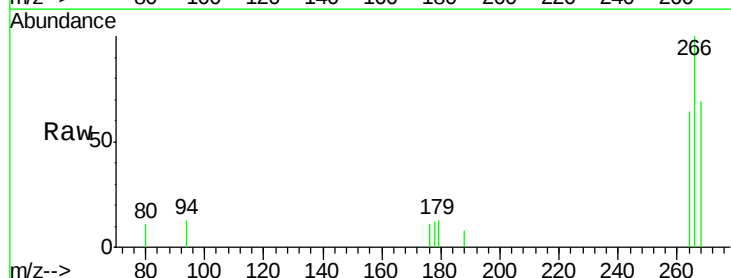
Tgt Ion:266 Resp: 847

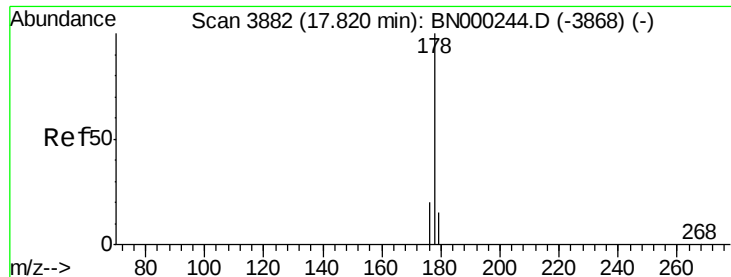
Ion Ratio Lower Upper

266 100

264 60.0 47.9 71.9

268 62.8 49.8 74.8





#12

Phenanthrene

Concen: 0.366 ng/ul

RT: 17.82 min Scan# 3882

Delta R.T. -0.00 min

Lab File: BN000253.D

Acq: 05 Mar 2018 19:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.461

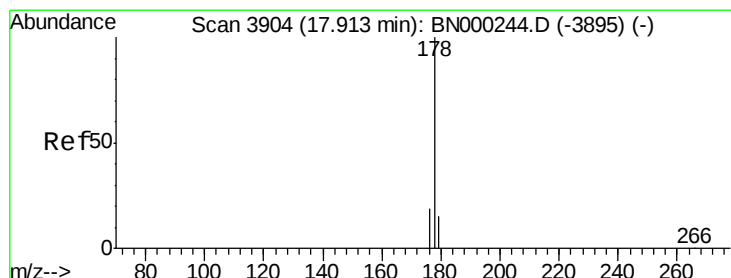
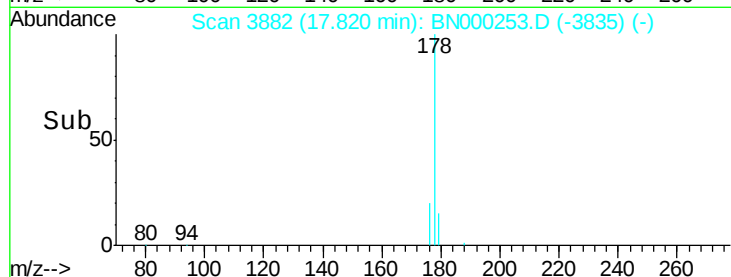
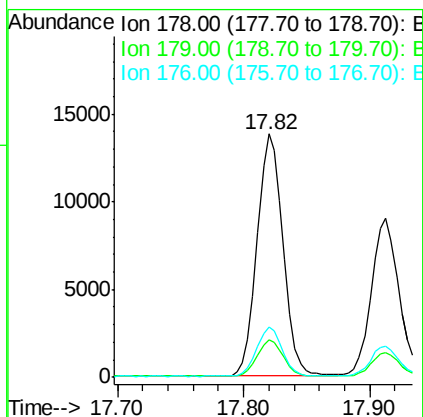
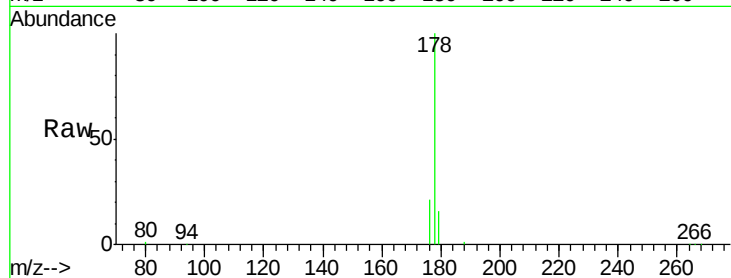
Tot Ion:178 Resp: 19767

Ion Ratio Lower Upper

178 100

179 15.5 18.4 27.6#

176 20.7 13.6 20.4#



#13

Anthracene

Concen: 0.355 ng/ul

RT: 17.91 min Scan# 3904

Delta R.T. -0.00 min

Lab File: BN000253.D

Acq: 05 Mar 2018 19:44

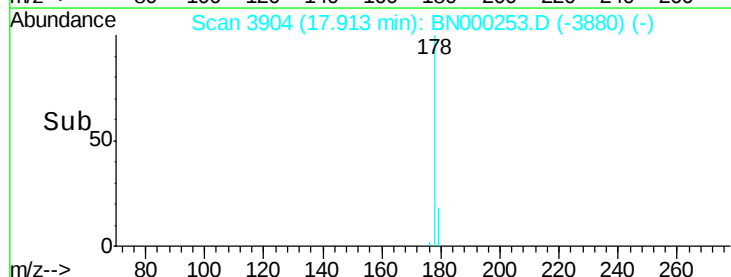
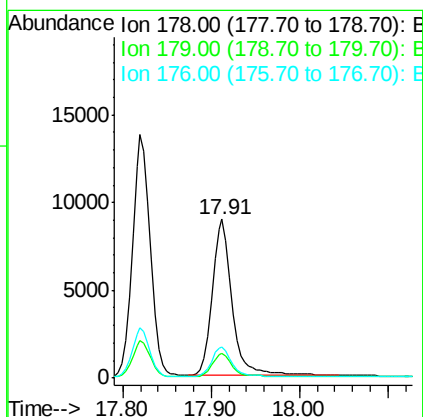
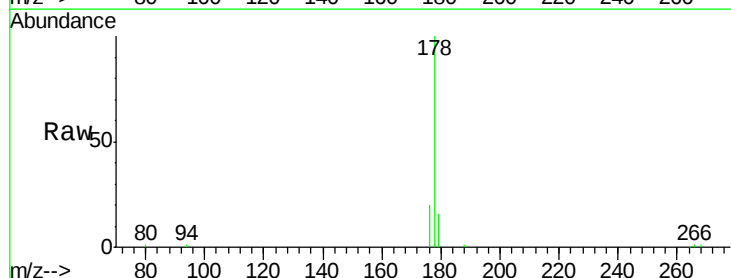
Tgt Ion:178 Resp: 14251

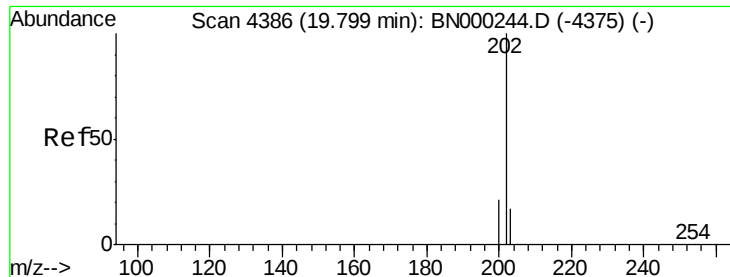
Ion Ratio Lower Upper

178 100

179 15.7 18.1 27.1#

176 19.8 14.7 22.1





#15

Fluoranthene

Concen: 0.356 ng/ul

RT: 19.80 min Scan# 4386

Delta R.T. -0.00 min

Lab File: BN000253.D

Acq: 05 Mar 2018 19:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.461

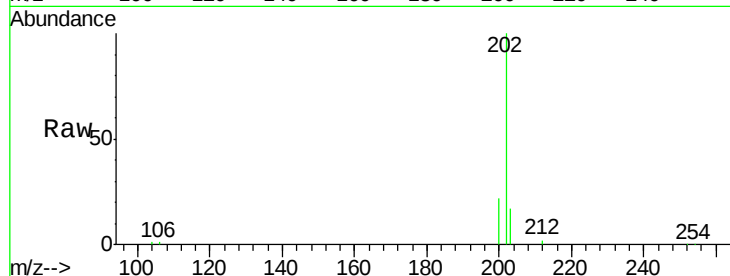
Tot Ion:202 Resp: 18676

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.3

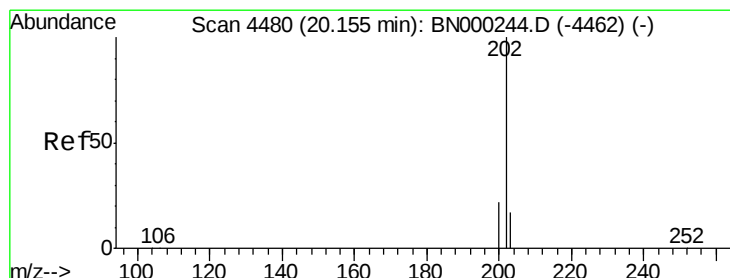
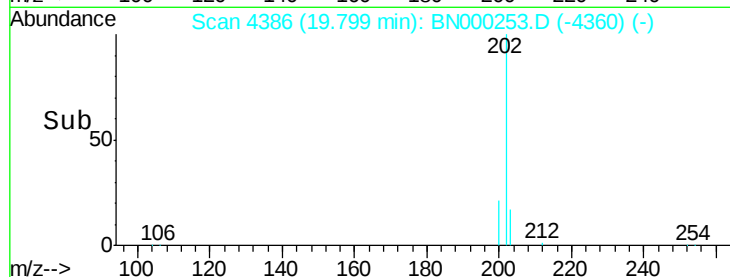
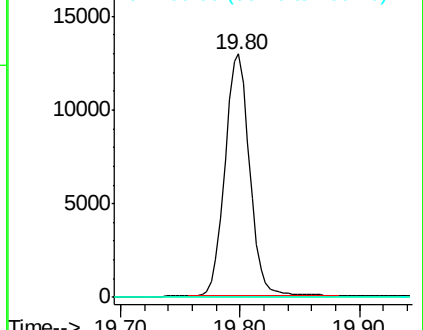
100 0.0 0.0 39.5



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: 0.386 ng/ul

RT: 20.15 min Scan# 4480

Delta R.T. -0.00 min

Lab File: BN000253.D

Acq: 05 Mar 2018 19:44

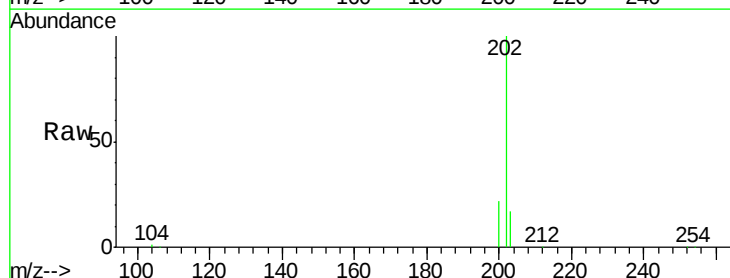
Tgt Ion:202 Resp: 18460

Ion Ratio Lower Upper

202 100

101 0.0 18.2 27.4#

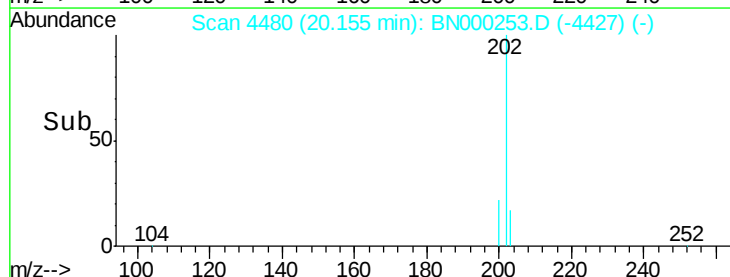
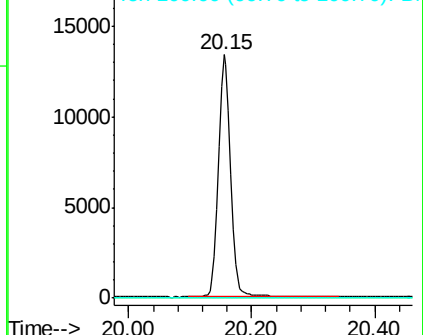
100 0.0 15.6 23.4#

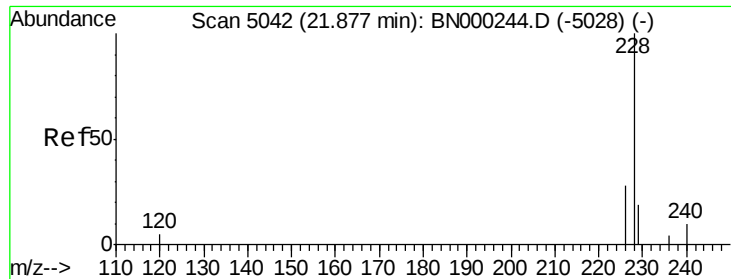


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.363 ng/ul

RT: 21.88 min Scan# 5042

Delta R.T. -0.00 min

Lab File: BN000253.D

Acq: 05 Mar 2018 19:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.461

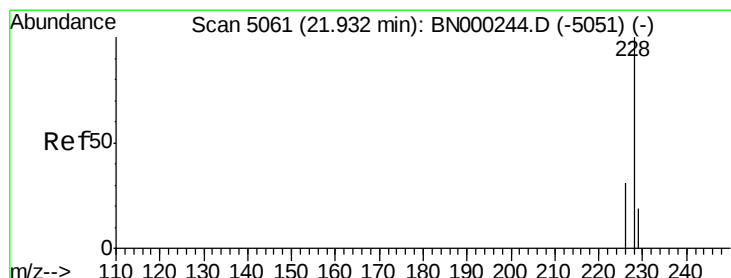
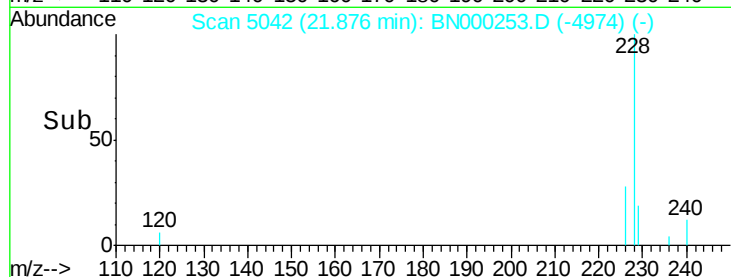
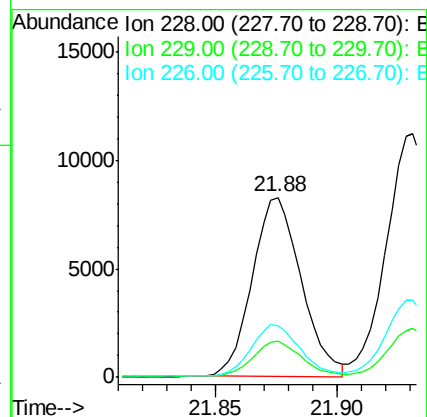
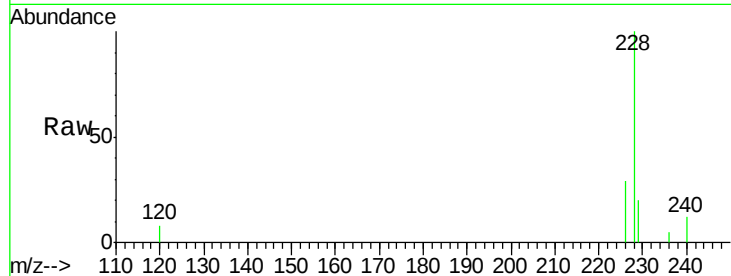
Tot Ion:228 Resp: 11564

Ion Ratio Lower Upper

228 100

229 19.9 22.8 34.2#

226 28.5 17.0 25.6#



#19

Chrysene

Concen: 0.374 ng/ul

RT: 21.93 min Scan# 5061

Delta R.T. -0.00 min

Lab File: BN000253.D

Acq: 05 Mar 2018 19:44

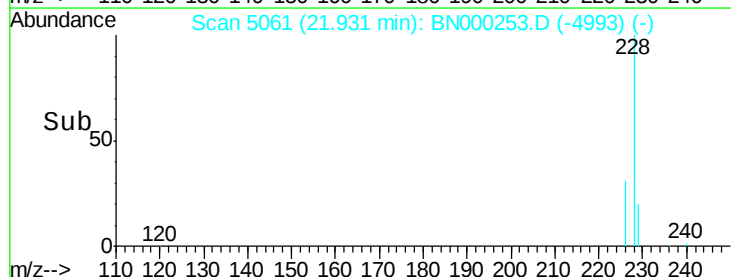
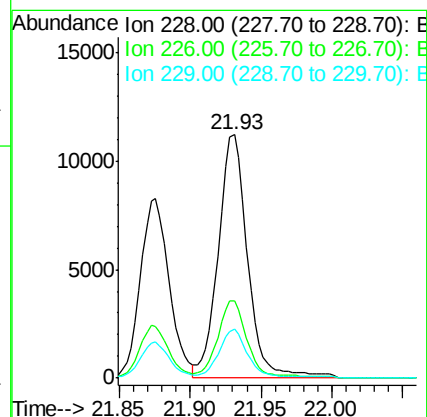
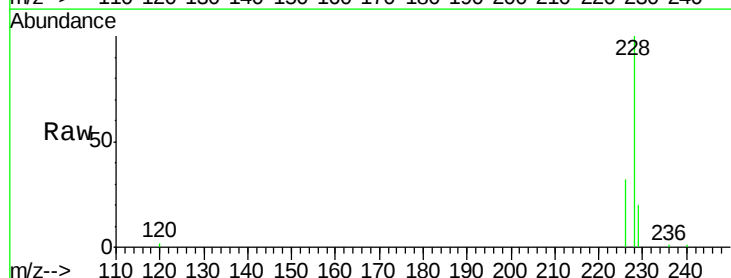
Tgt Ion:228 Resp: 16214

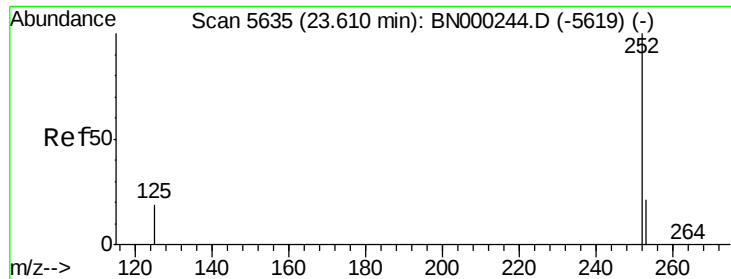
Ion Ratio Lower Upper

228 100

226 31.7 23.4 35.0

229 19.9 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.375 ng/ul

RT: 23.61 min Scan# 5635

Delta R.T. -0.00 min

Lab File: BN000253.D

Acq: 05 Mar 2018 19:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.461

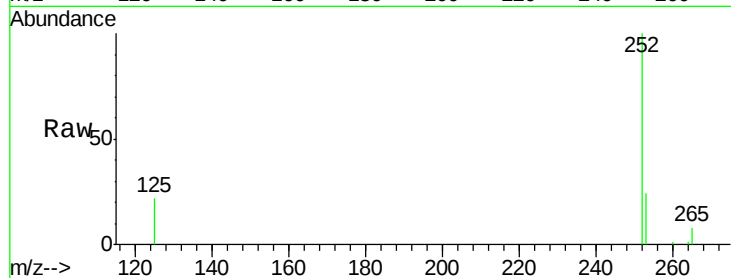
Tot Ion:252 Resp: 15083

Ion Ratio Lower Upper

252 100

253 24.3 0.0 64.2

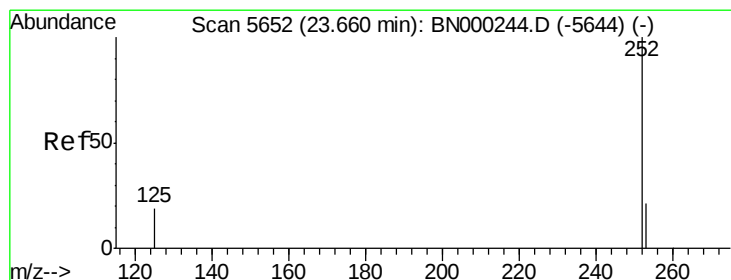
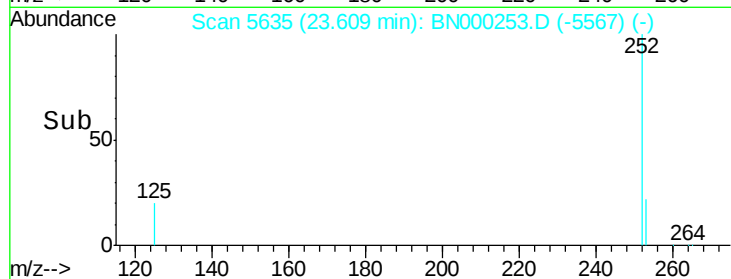
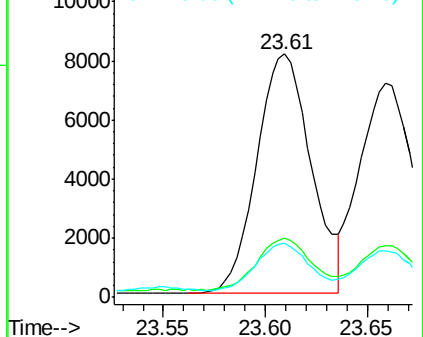
125 22.2 0.0 35.0



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: 0.365 ng/ul

RT: 23.66 min Scan# 5652

Delta R.T. -0.00 min

Lab File: BN000253.D

Acq: 05 Mar 2018 19:44

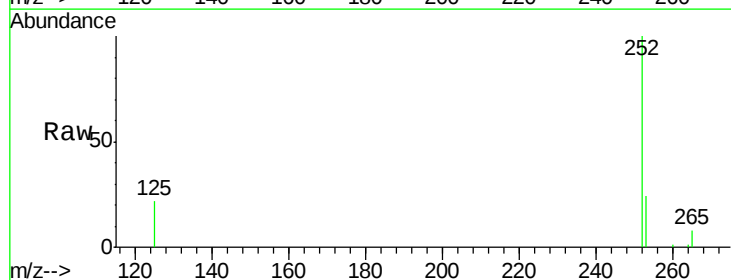
Tgt Ion:252 Resp: 13830

Ion Ratio Lower Upper

252 100

253 24.3 24.5 36.7#

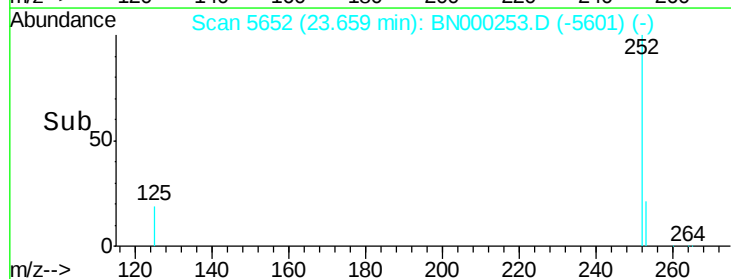
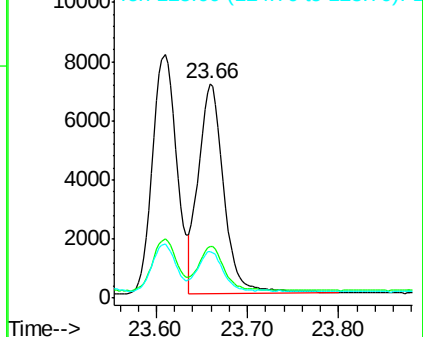
125 21.9 13.7 20.5#

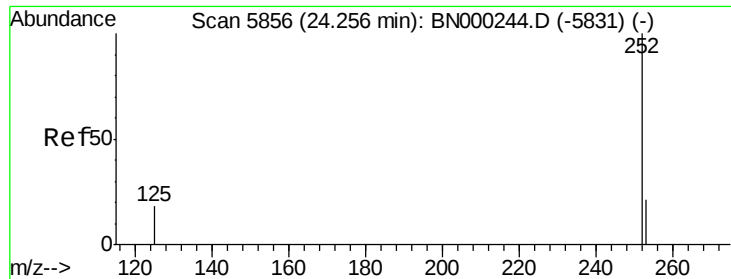


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.373 ng/ul

RT: 24.26 min Scan# 5856

Delta R.T. -0.00 min

Lab File: BN000253.D

Acq: 05 Mar 2018 19:44

Instrument :

BNA_N

ClientSampleId :

SSTD0.461

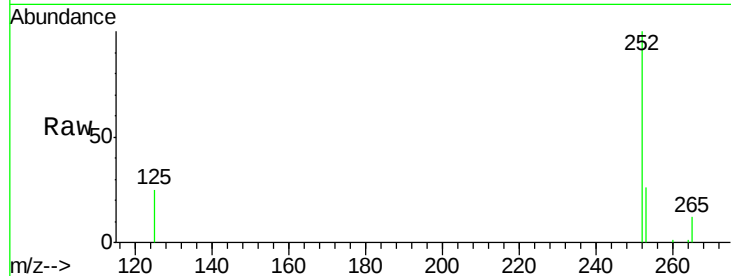
Tot Ion:252 Resp: 11740

Ion Ratio Lower Upper

252 100

253 26.1 28.5 42.7#

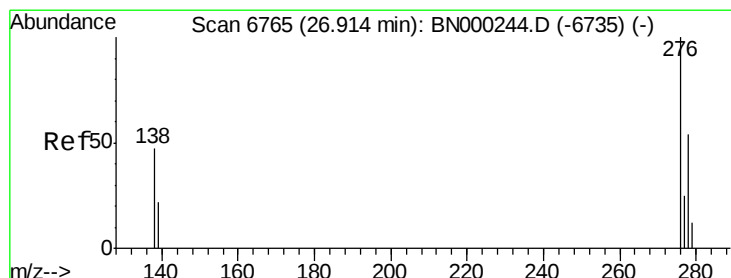
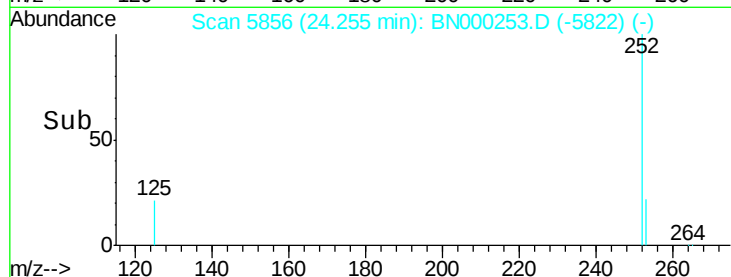
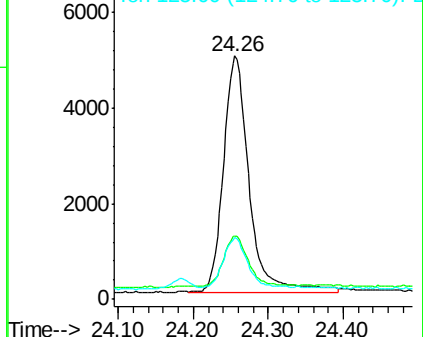
125 25.4 18.1 27.1



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.365 ng/ul

RT: 26.91 min Scan# 6765

Delta R.T. -0.00 min

Lab File: BN000253.D

Acq: 05 Mar 2018 19:44

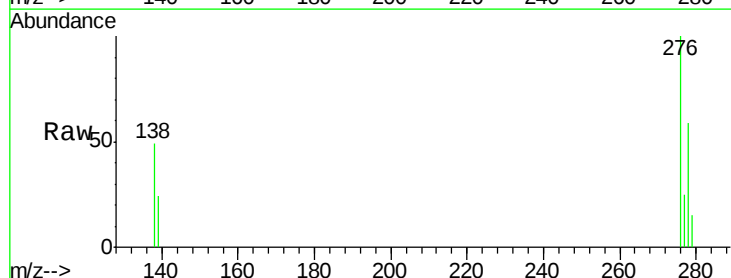
Tgt Ion:276 Resp: 12990

Ion Ratio Lower Upper

276 100

138 48.5 28.0 42.0#

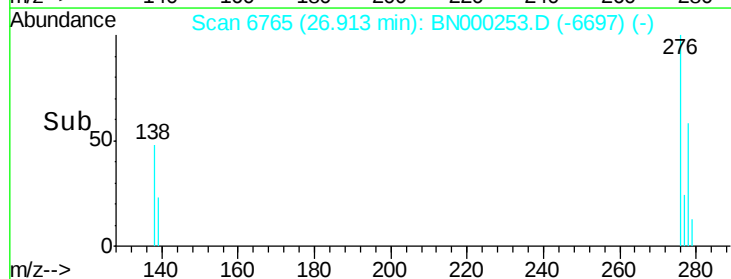
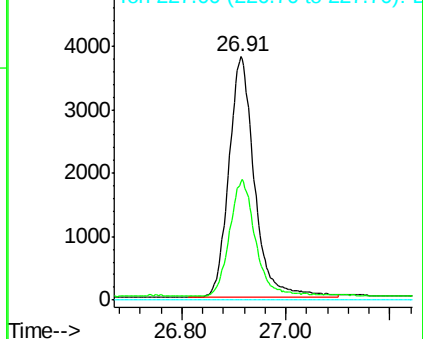
227 0.0 8.0 12.0#

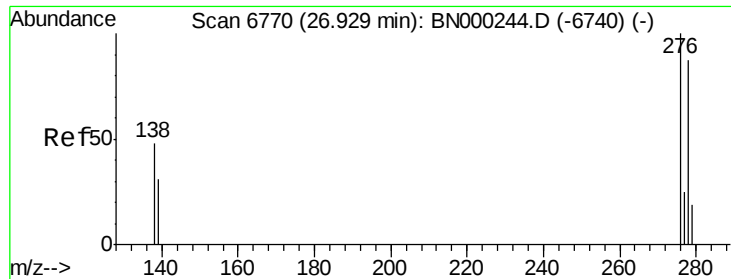


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

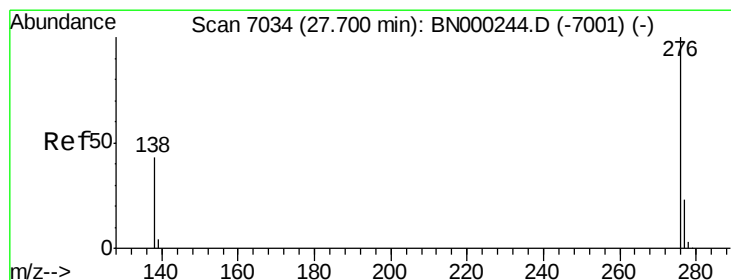
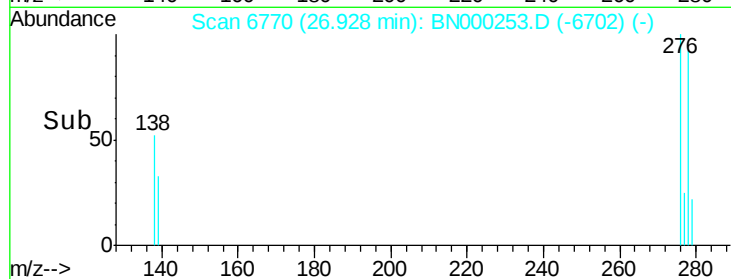
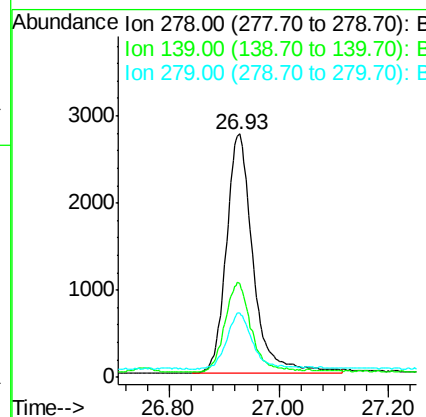
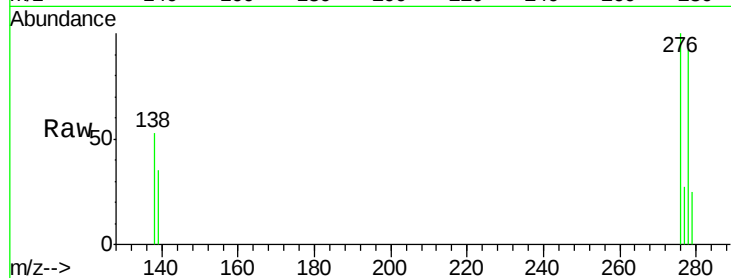




#25
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 26.93 min Scan# 6770
Delta R.T. -0.00 min
Lab File: BN000253.D
Acq: 05 Mar 2018 19:44

Instrument :
BNA_N
ClientSampleId :
SSTD0.461

Tot Ion:278 Resp: 9335
Ion Ratio Lower Upper
278 100
139 38.3 17.4 26.0#
279 26.7 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 0.361 ng/ul
RT: 27.70 min Scan# 7034
Delta R.T. -0.00 min
Lab File: BN000253.D
Acq: 05 Mar 2018 19:44

Tgt Ion:276 Resp: 12625
Ion Ratio Lower Upper
276 100
138 44.6 21.8 32.8#
277 24.7 20.5 30.7

