

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112018\
 Data File : BN003645.D
 Acq On : 21 Nov 2018 08:55
 Operator : MJ/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 21 15:52:52 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 : Wed Nov 21 00:09:42 2018
 Response via : Initial Calibration

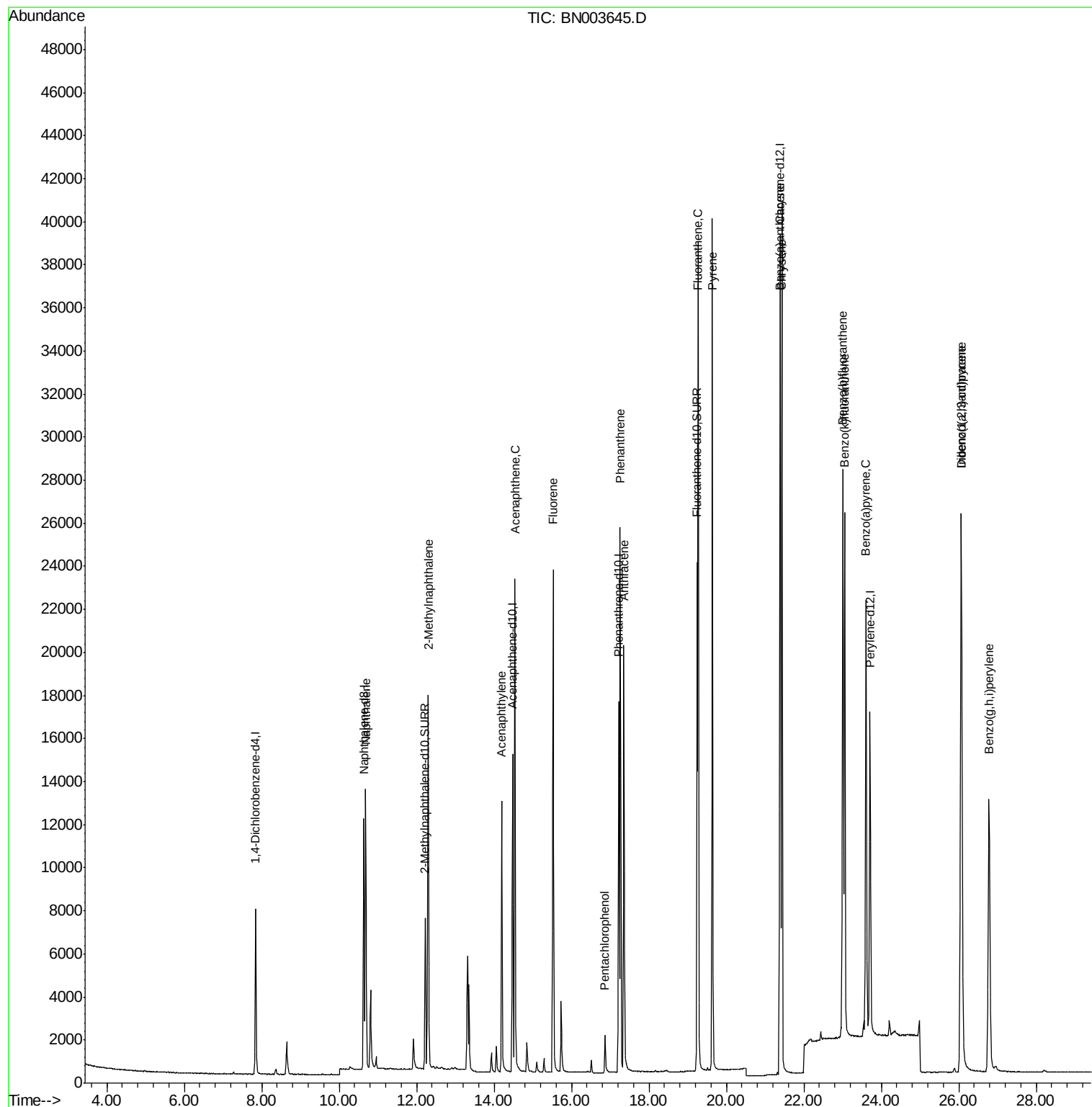
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4088	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	15886	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	8582	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	21174	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	23227	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	21568	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	9783	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	25980	0.42	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.69	128	18080	0.405	ng/ul	100
5) 2-Methylnaphthalene	12.30	142	12666	0.407	ng/ul	99
7) Acenaphthylene	14.20	152	15773	0.408	ng/ul	100
8) Acenaphthene	14.54	153	13739	0.406	ng/ul	99
9) Fluorene	15.52	166	15893	0.403	ng/ul	99
11) Pentachlorophenol	16.87	266	1484	0.389	ng/ul	99
12) Phenanthrene	17.26	178	27834	0.401	ng/ul	99
13) Anthracene	17.35	178	23087	0.404	ng/ul	100
15) Fluoranthene	19.27	202	34386	0.419	ng/ul	98
17) Pyrene	19.64	202	33345	0.400	ng/ul	99
18) Benzo(a)anthracene	21.38	228	29833	0.407	ng/ul	100
19) Chrysene	21.43	228	33505	0.399	ng/ul	99
21) Benzo(b)fluoranthene	23.01	252	35118	0.394	ng/ul	100
22) Benzo(k)fluoranthene	23.05	252	33910	0.390	ng/ul	99
23) Benzo(a)pyrene	23.61	252	30729	0.398	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	26.06	276	34012	0.384	ng/ul	99
25) Dibenzo(a,h)anthracene	26.07	278	26838	0.376	ng/ul	100
26) Benzo(g,h,i)perylene	26.79	276	29440	0.382	ng/ul	100

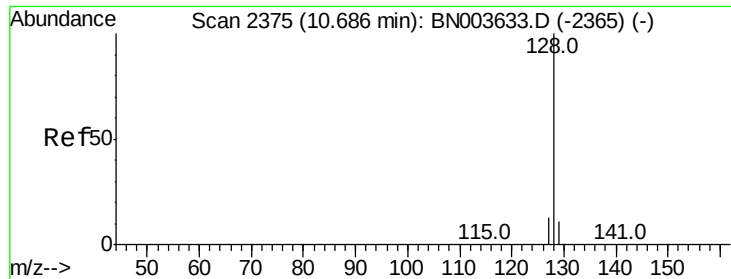
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 21 15:52:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 21 00:09:42 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.405 ng/ul

RT: 10.69 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BN003645.D

Acq: 21 Nov 2018 08:55

Instrument :

BNA_N

ClientSampleId :

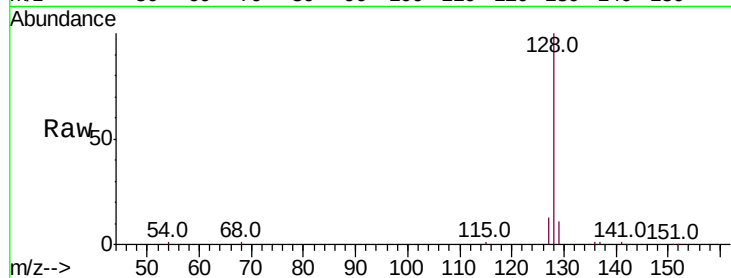
Tot Ion:128 Resp: 18080

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

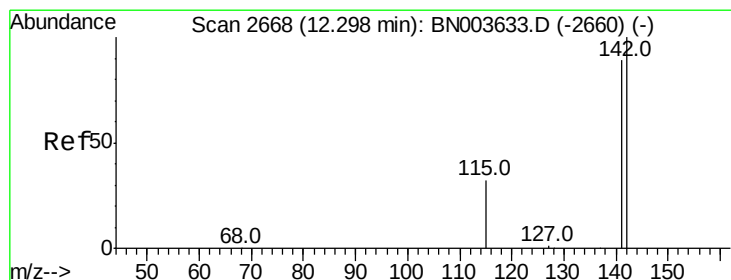
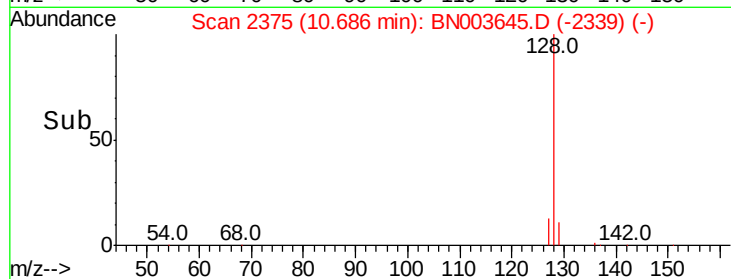
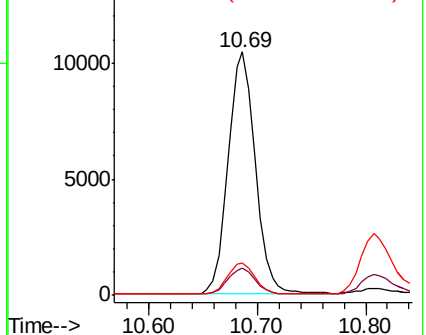
127 13.3 10.5 15.7



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: 0.407 ng/ul

RT: 12.30 min Scan# 2668

Delta R.T. 0.00 min

Lab File: BN003645.D

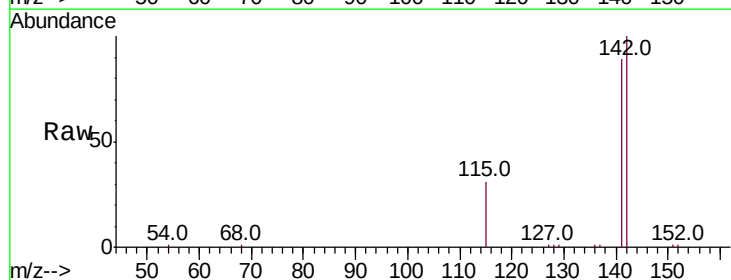
Acq: 21 Nov 2018 08:55

Tgt Ion:142 Resp: 12666

Ion Ratio Lower Upper

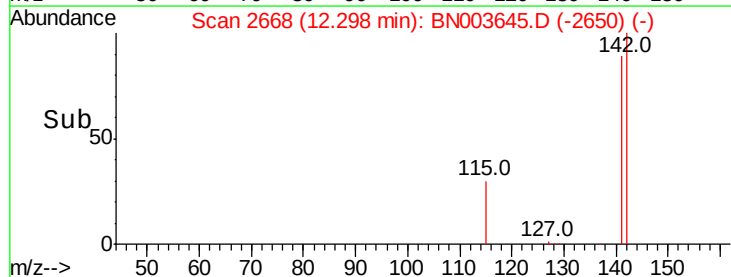
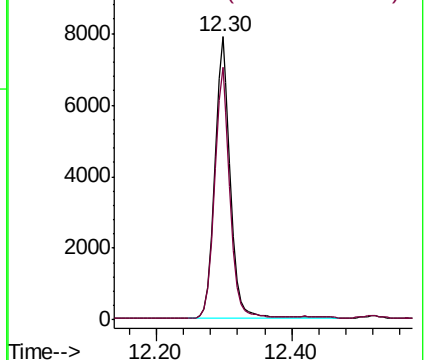
142 100

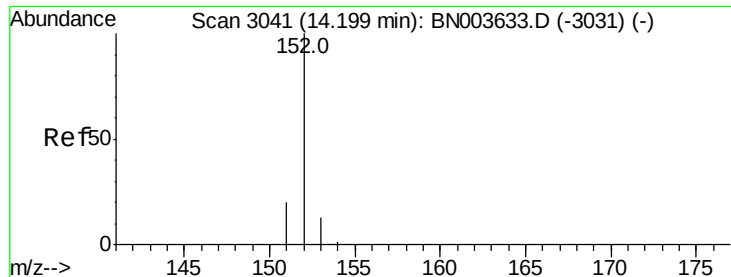
141 88.6 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.408 ng/ul

RT: 14.20 min Scan# 3041

Delta R.T. 0.00 min

Lab File: BN003645.D

Acq: 21 Nov 2018 08:55

Instrument :

BNA_N

ClientSampleId :

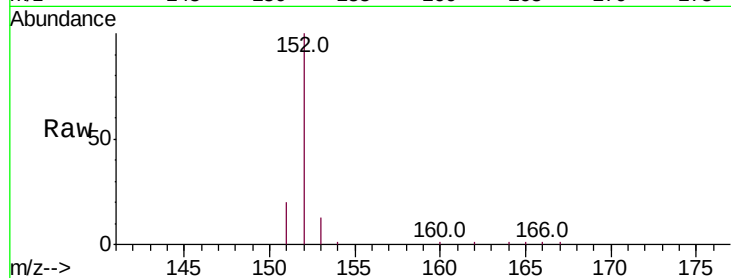
Tot Ion:152 Resp: 15773

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

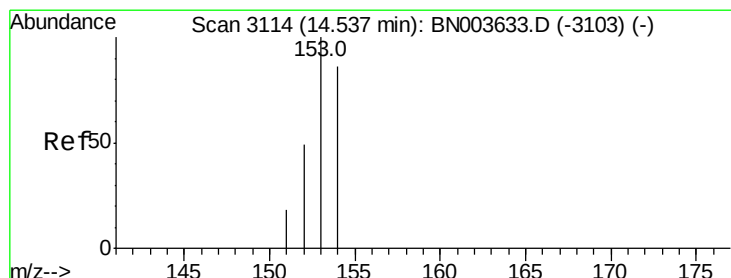
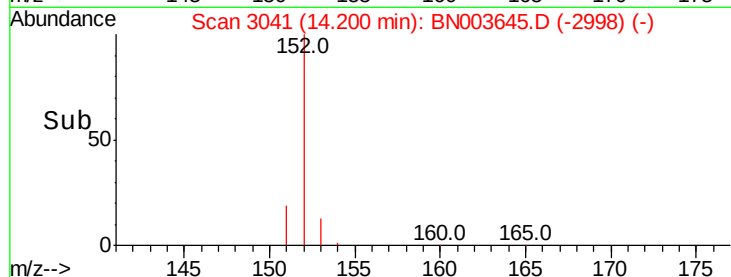
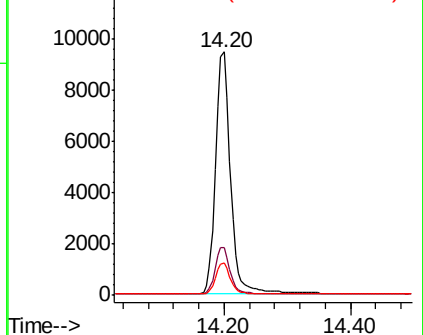
153 13.5 10.7 16.1



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: 0.406 ng/ul

RT: 14.54 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BN003645.D

Acq: 21 Nov 2018 08:55

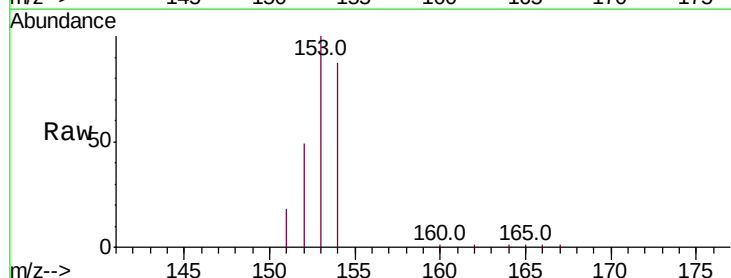
Tgt Ion:153 Resp: 13739

Ion Ratio Lower Upper

153 100

152 49.2 39.3 58.9

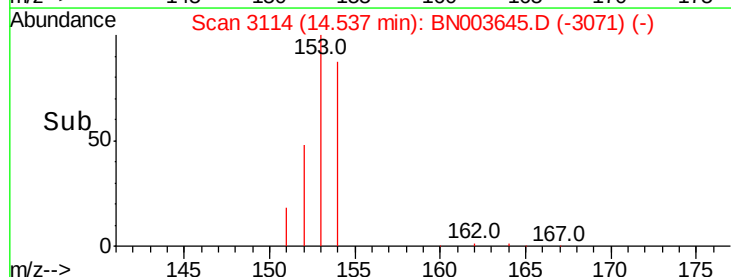
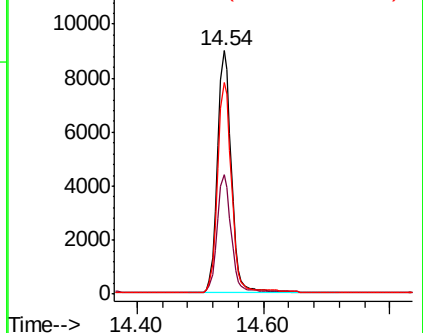
154 87.0 70.3 105.5

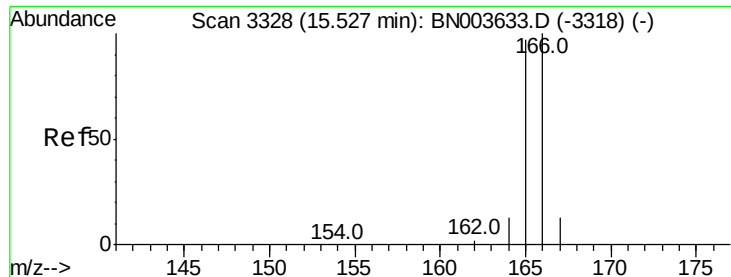


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.403 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. -0.00 min

Lab File: BN003645.D

Acq: 21 Nov 2018 08:55

Instrument :

BNA_N

ClientSampleId :

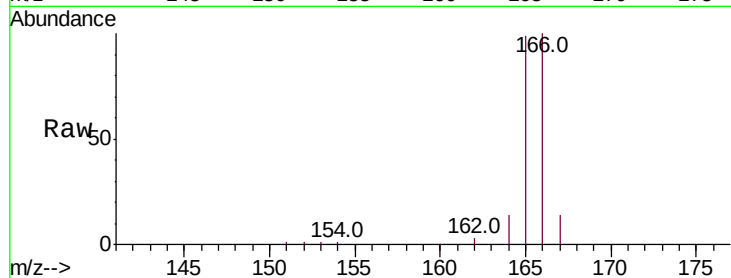
Tot Ion:166 Resp: 15893

Ion Ratio Lower Upper

166 100

165 98.7 78.3 117.5

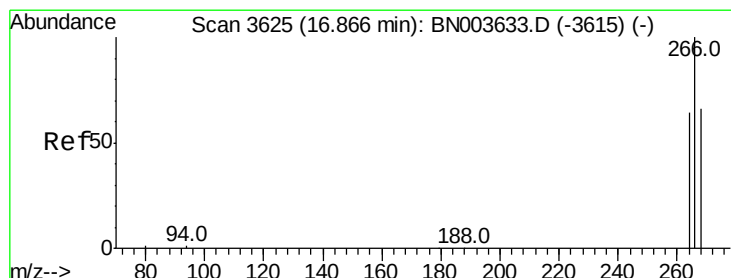
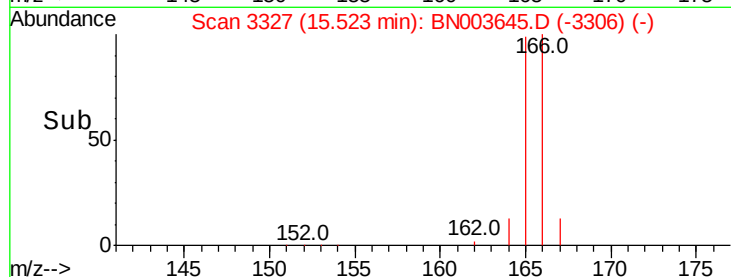
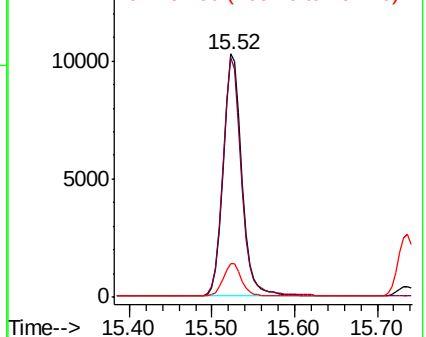
167 13.6 11.3 16.9



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



#11

Pentachlorophenol

Concen: 0.389 ng/ul

RT: 16.87 min Scan# 3625

Delta R.T. 0.00 min

Lab File: BN003645.D

Acq: 21 Nov 2018 08:55

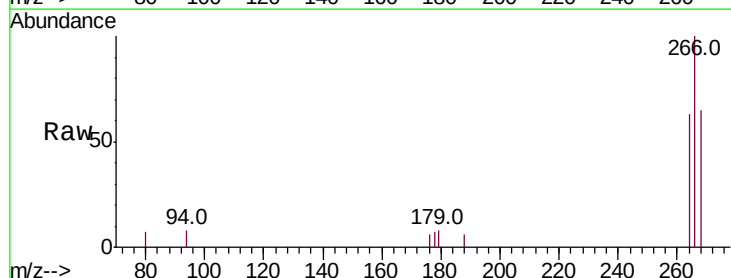
Tgt Ion:266 Resp: 1484

Ion Ratio Lower Upper

266 100

264 61.9 49.4 74.2

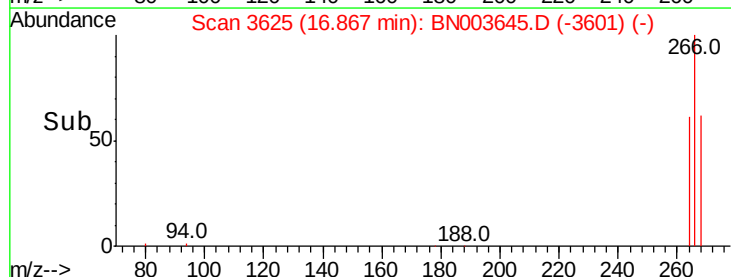
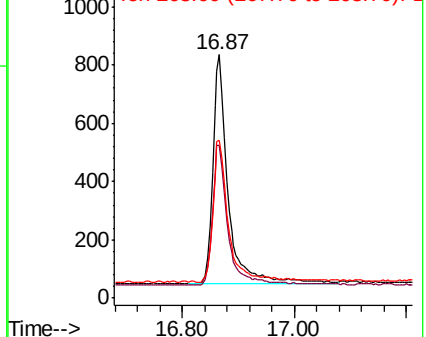
268 63.2 51.7 77.5

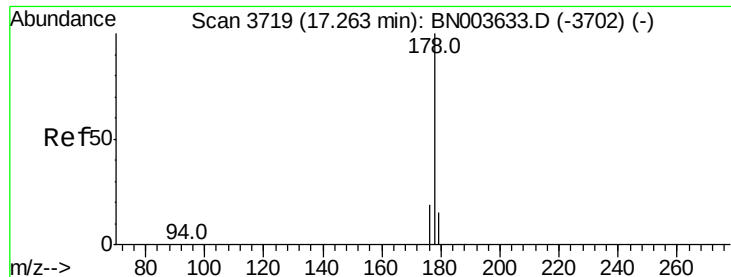


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

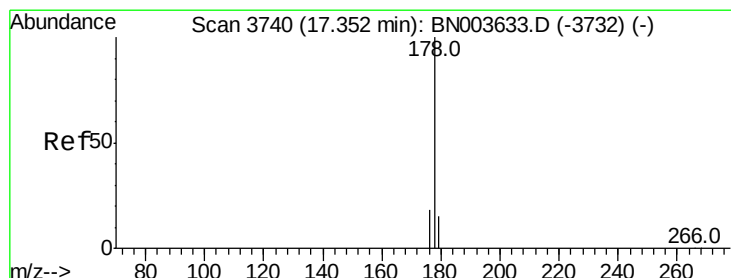
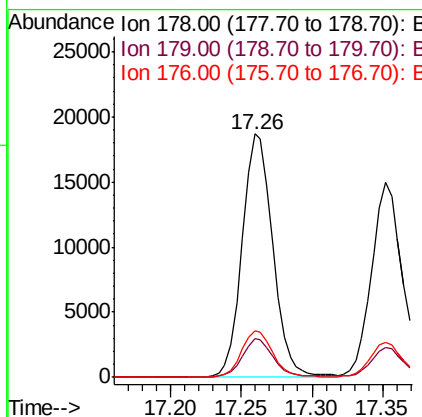
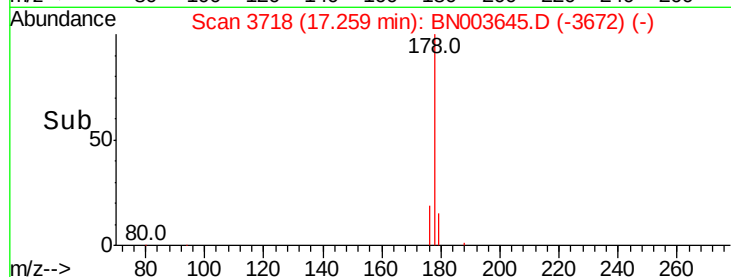
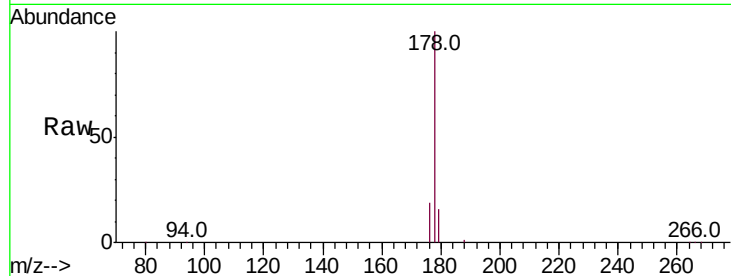




#12
Phenanthrene
Concen: 0.401 ng/ul
RT: 17.26 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BN003645.D
Acq: 21 Nov 2018 08:55

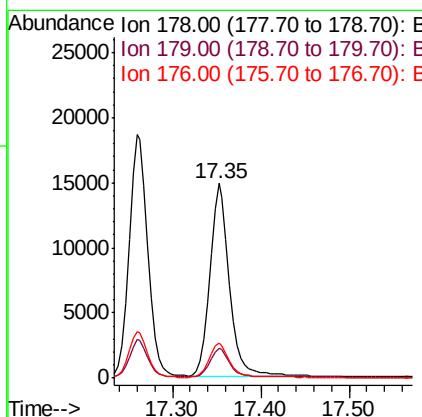
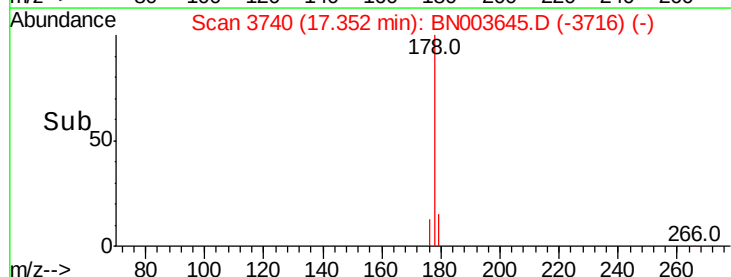
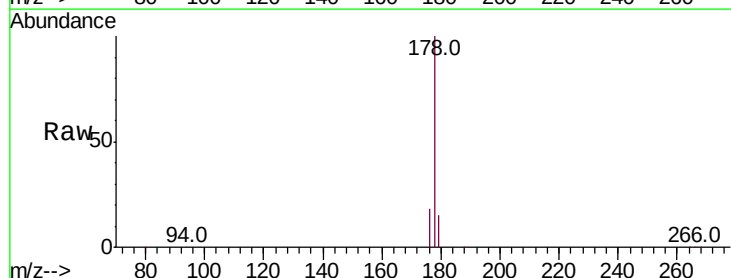
Instrument :
BNA_N
ClientSampled :

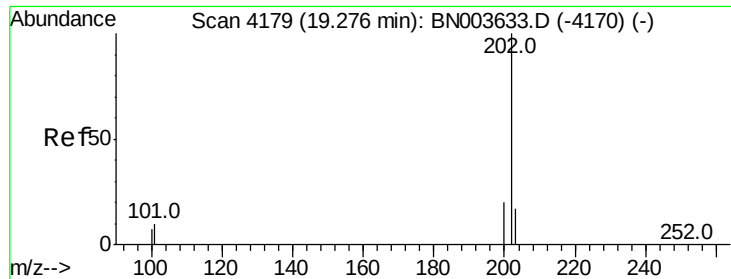
Tot Ion:178 Resp: 27834
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.3 15.0 22.4



#13
Anthracene
Concen: 0.404 ng/ul
RT: 17.35 min Scan# 3740
Delta R.T. 0.00 min
Lab File: BN003645.D
Acq: 21 Nov 2018 08:55

Tgt Ion:178 Resp: 23087
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 18.3 14.8 22.2





#15

Fluoranthene

Concen: 0.419 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN003645.D

Acq: 21 Nov 2018 08:55

Instrument :

BNA_N

ClientSampleId :

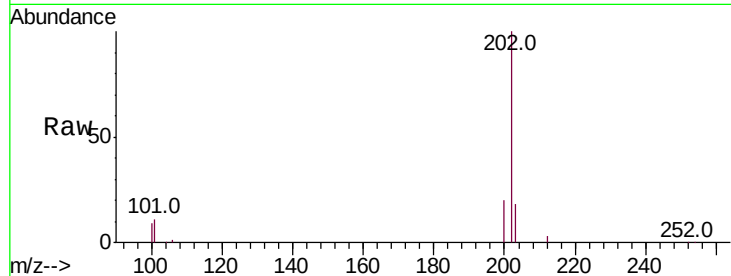
Tot Ion:202 Resp: 34386

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.7

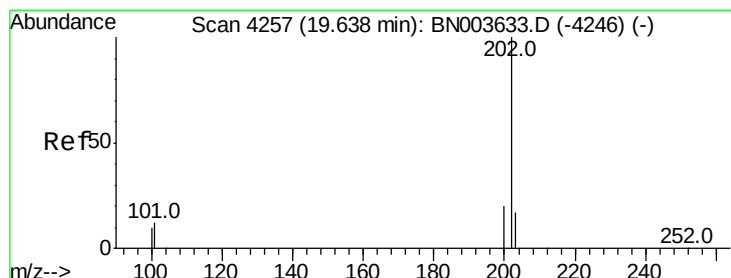
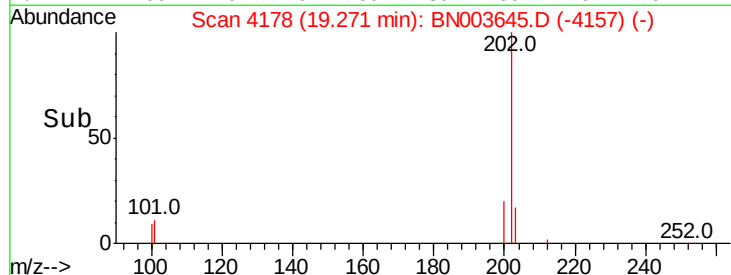
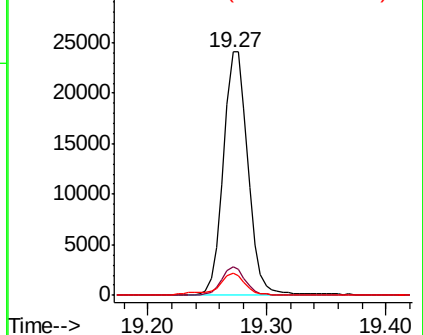
100 8.9 0.0 28.1



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: 0.400 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN003645.D

Acq: 21 Nov 2018 08:55

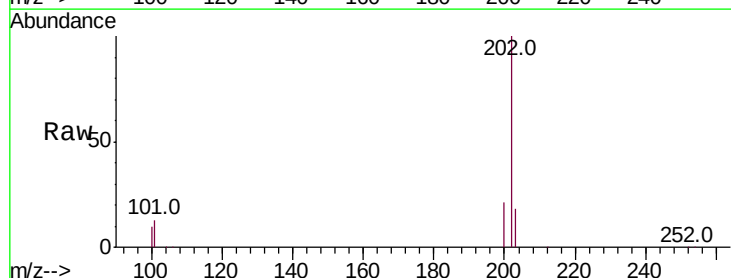
Tgt Ion:202 Resp: 33345

Ion Ratio Lower Upper

202 100

101 12.8 10.3 15.5

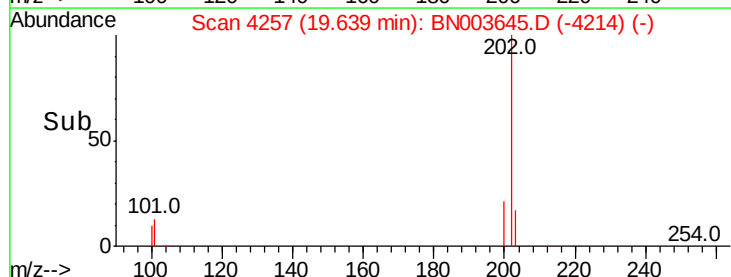
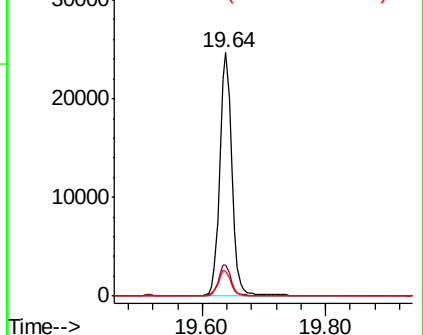
100 10.2 8.5 12.7

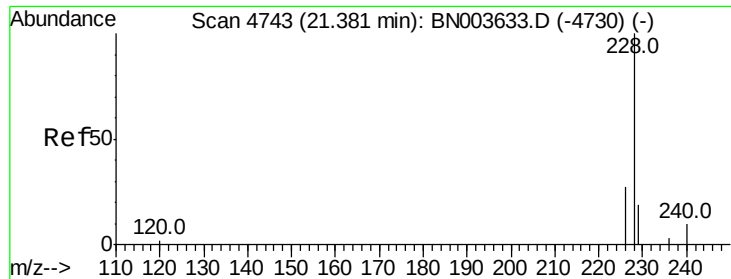


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

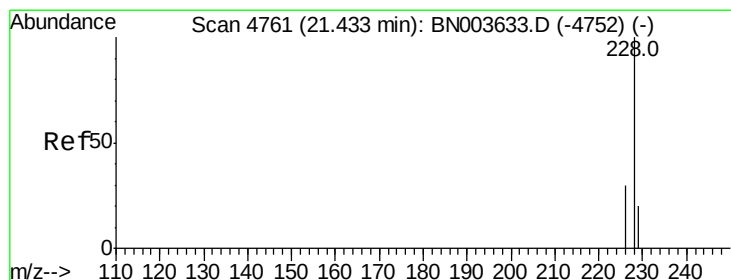
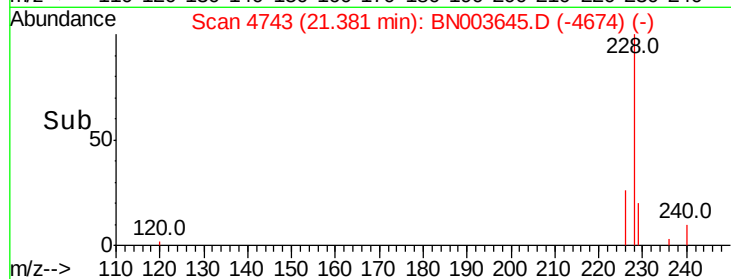
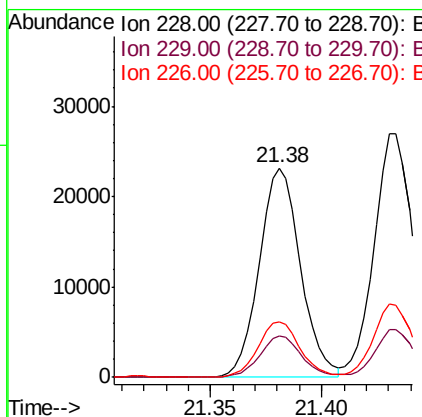
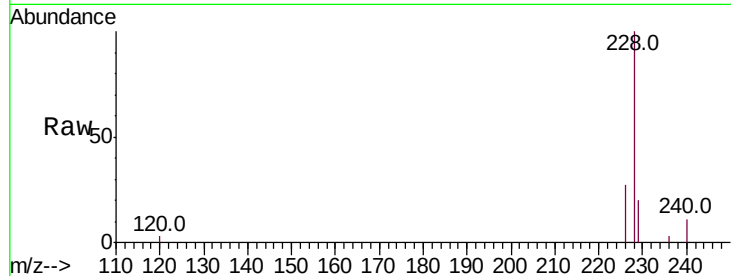




#18
Benzo(a)anthracene
Concen: 0.407 ng/ul
RT: 21.38 min Scan# 4743
Delta R.T. 0.00 min
Lab File: BN003645.D
Acq: 21 Nov 2018 08:55

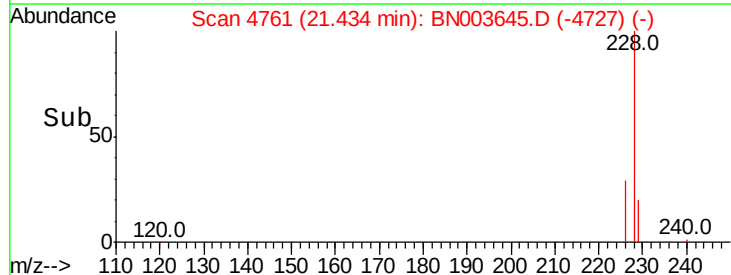
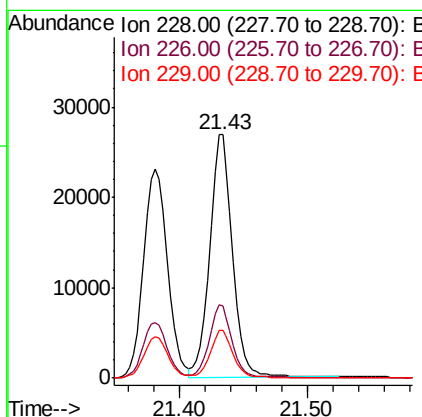
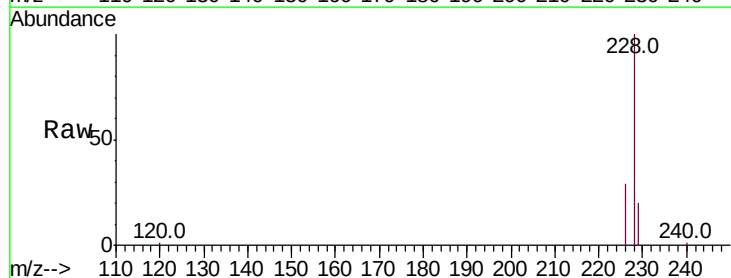
Instrument :
BNA_N
ClientSampleId :

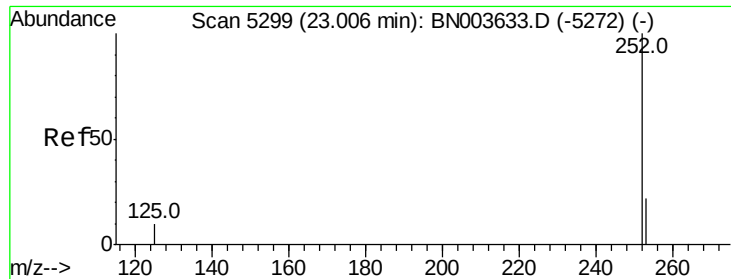
Tot Ion:228 Resp: 29833
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 26.7 21.1 31.7



#19
Chrysene
Concen: 0.399 ng/ul
RT: 21.43 min Scan# 4761
Delta R.T. 0.00 min
Lab File: BN003645.D
Acq: 21 Nov 2018 08:55

Tgt Ion:228 Resp: 33505
Ion Ratio Lower Upper
228 100
226 29.4 24.0 36.0
229 19.7 15.7 23.5





#21

Benzo(b)fluoranthene

Concen: 0.394 ng/ul

RT: 23.01 min Scan# 5299

Delta R.T. 0.00 min

Lab File: BN003645.D

Acq: 21 Nov 2018 08:55

Instrument :

BNA_N

ClientSampleId :

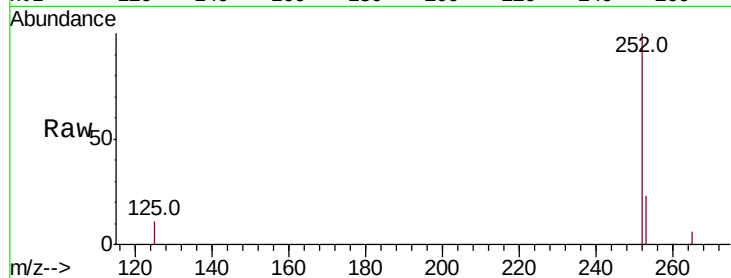
Tot Ion:252 Resp: 35118

Ion Ratio Lower Upper

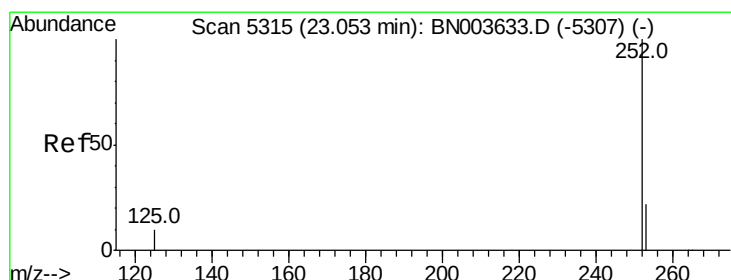
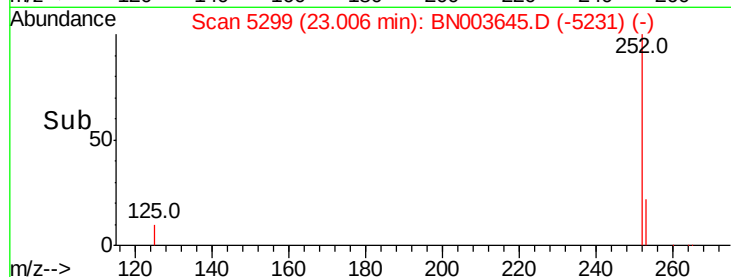
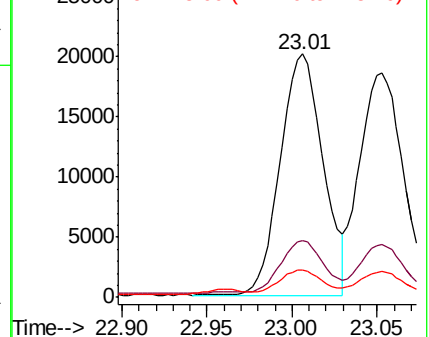
252 100

253 23.1 0.0 46.0

125 11.2 0.0 22.4



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: 0.390 ng/ul

RT: 23.05 min Scan# 5315

Delta R.T. 0.00 min

Lab File: BN003645.D

Acq: 21 Nov 2018 08:55

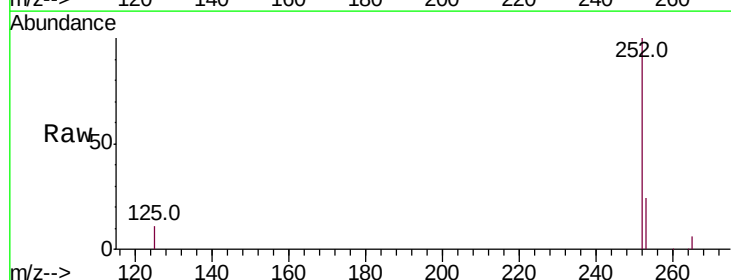
Tgt Ion:252 Resp: 33910

Ion Ratio Lower Upper

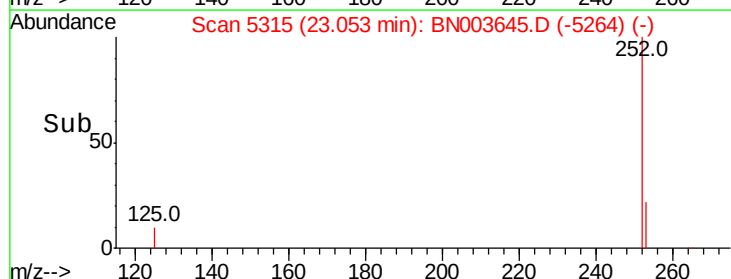
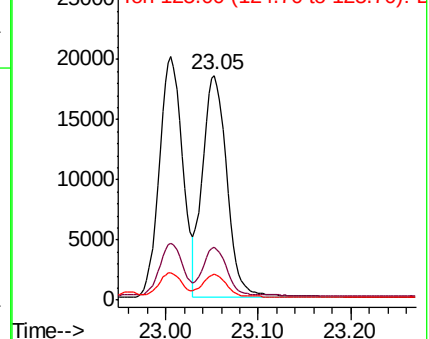
252 100

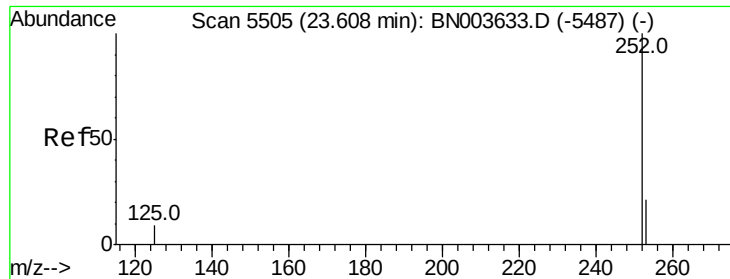
253 23.6 18.5 27.7

125 11.3 9.0 13.6



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: 0.398 ng/ul

RT: 23.61 min Scan# 5504

Delta R.T. -0.00 min

Lab File: BN003645.D

Acq: 21 Nov 2018 08:55

Instrument :

BNA_N

ClientSampleId :

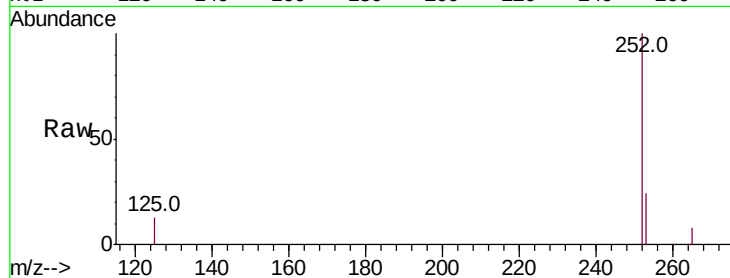
Tot Ion:252 Resp: 30729

Ion Ratio Lower Upper

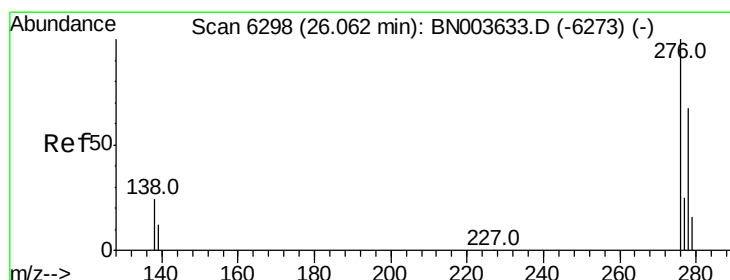
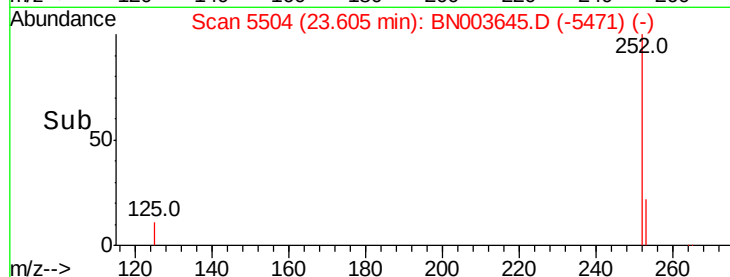
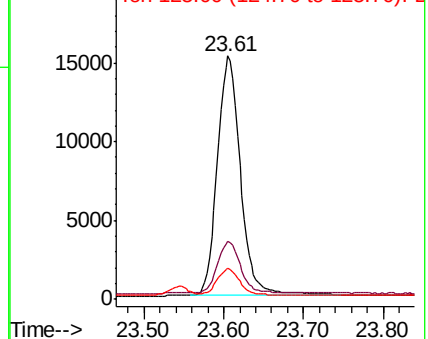
252 100

253 23.8 19.0 28.4

125 12.6 10.2 15.4



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: 0.384 ng/ul

RT: 26.06 min Scan# 6297

Delta R.T. -0.00 min

Lab File: BN003645.D

Acq: 21 Nov 2018 08:55

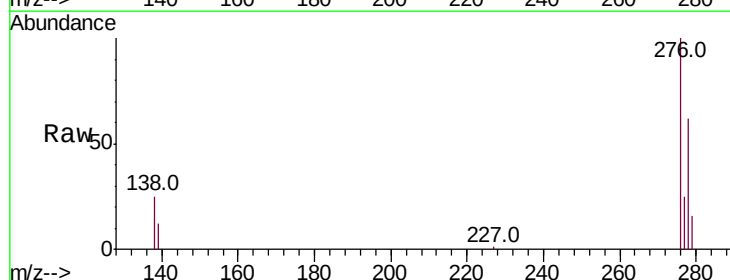
Tgt Ion:276 Resp: 34012

Ion Ratio Lower Upper

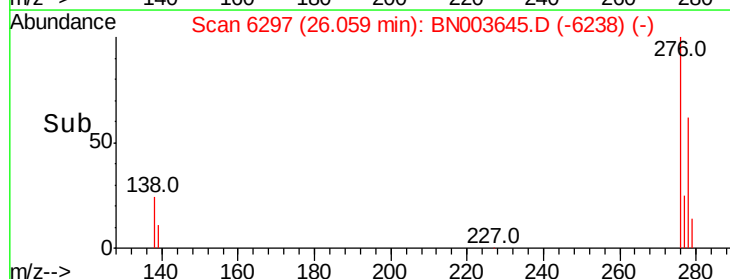
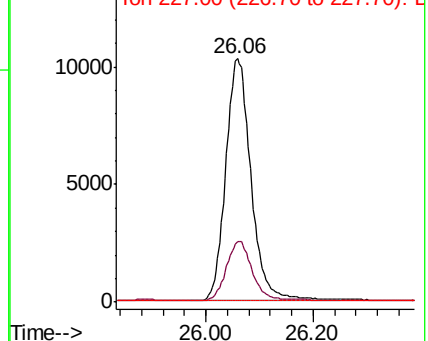
276 100

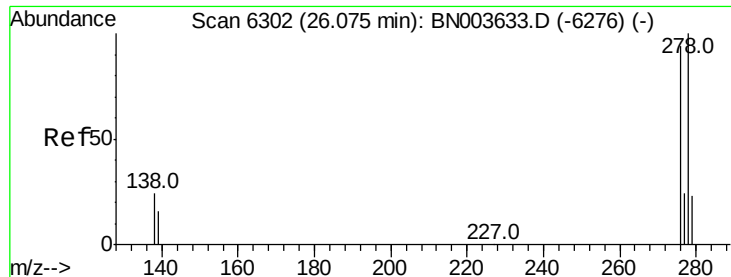
138 24.9 20.3 30.5

227 0.2 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



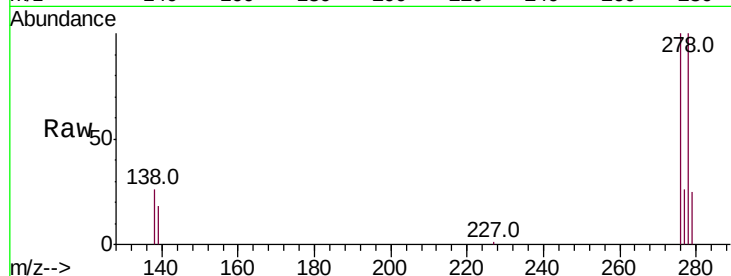


#25
Dibenzo(a,h)anthracene
Concen: 0.376 ng/ul
RT: 26.07 min Scan# 6301
Delta R.T. -0.00 min
Lab File: BN003645.D
Acq: 21 Nov 2018 08:55

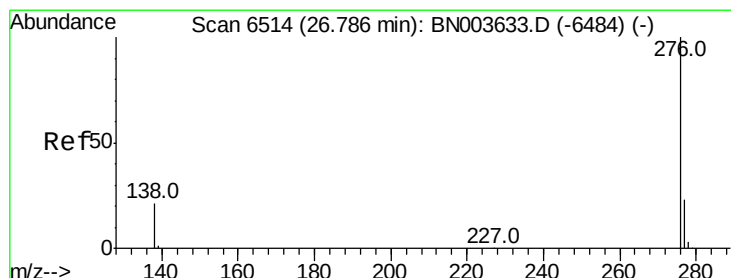
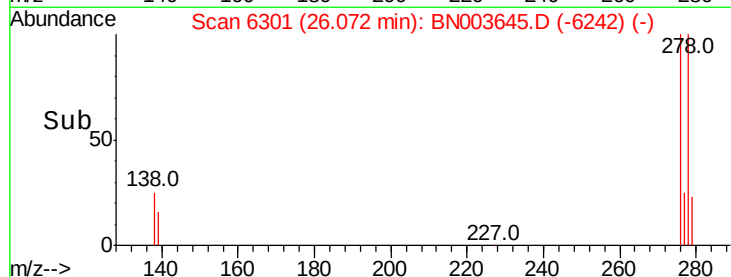
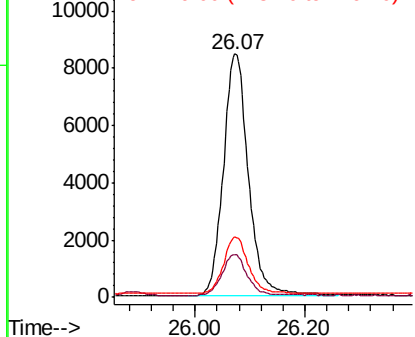
Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 26838

Ion	Ratio	Lower	Upper
278	100		
139	17.6	14.2	21.4
279	25.0	19.8	29.6



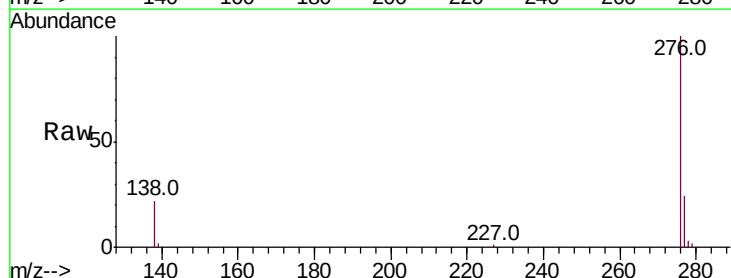
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 26.79 min Scan# 6514
Delta R.T. 0.00 min
Lab File: BN003645.D
Acq: 21 Nov 2018 08:55

Tgt Ion:276 Resp: 29440

Ion	Ratio	Lower	Upper
276	100		
138	22.1	17.7	26.5
277	24.0	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

