

Data File : BN003743.D
Acq On : 06 Dec 2018 22:20
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.490

Quant Time: Dec 07 03:20:52 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 : Fri Dec 07 03:02:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4862	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	19350	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	9811	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	21427	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	18368	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	15568	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	11731	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	23613	0.38	ng/ul	0.00

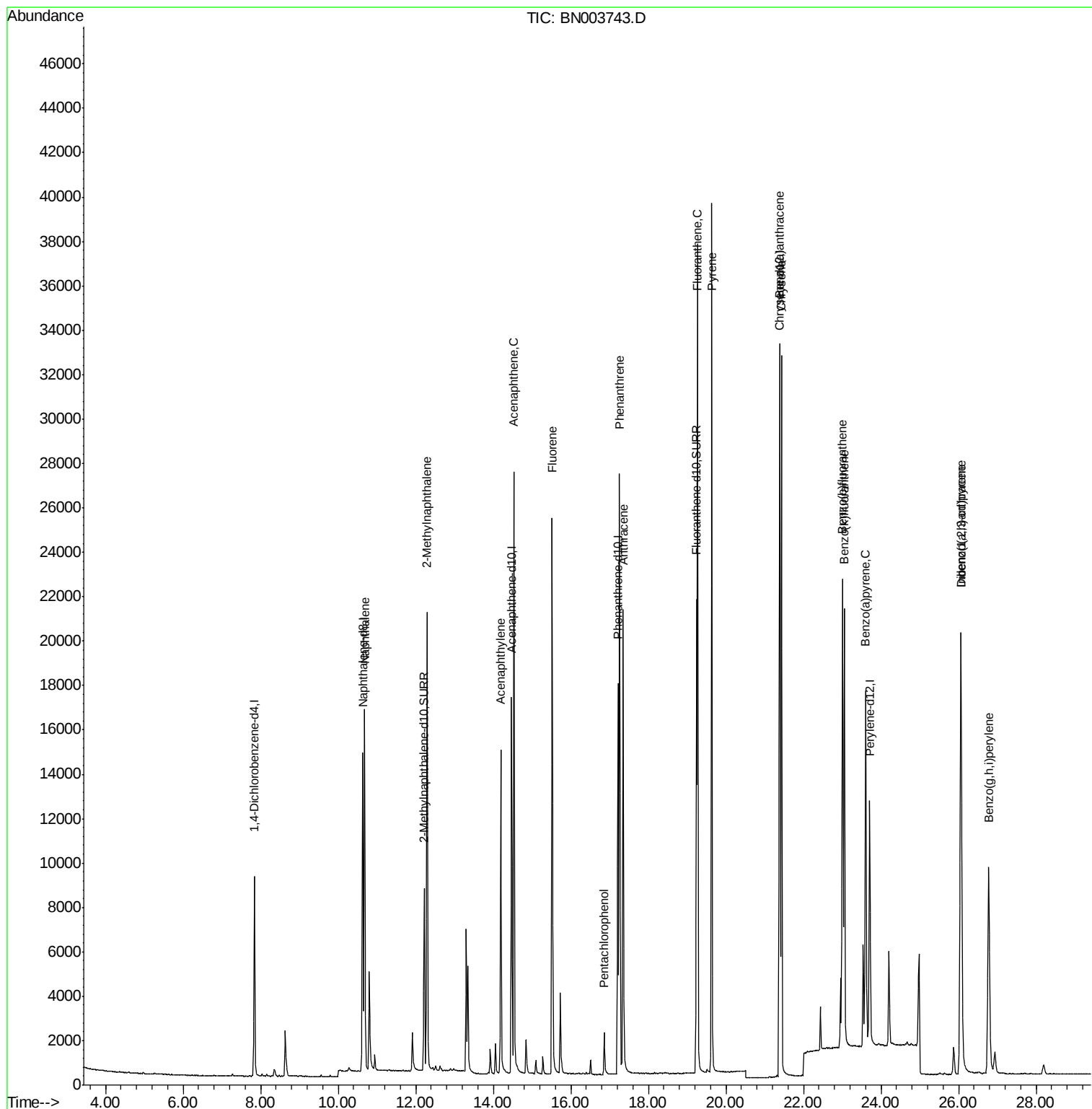
Target Compounds					Qvalue
3) Naphthalene	10.68	128	22493	0.414	ng/ul 100
5) 2-Methylnaphthalene	12.29	142	15555	0.410	ng/ul 99
7) Acenaphthylene	14.19	152	18587	0.421	ng/ul 100
8) Acenaphthene	14.53	153	16134	0.417	ng/ul 100
9) Fluorene	15.52	166	17855	0.396	ng/ul 99
11) Pentachlorophenol	16.86	266	1550	0.402	ng/ul 100
12) Phenanthrene	17.25	178	29272	0.416	ng/ul 99
13) Anthracene	17.35	178	24354	0.421	ng/ul 100
15) Fluoranthene	19.27	202	32316	0.389	ng/ul 96
17) Pyrene	19.63	202	31427	0.477	ng/ul 99
18) Benzo(a)anthracene	21.38	228	25066	0.432	ng/ul 98
19) Chrysene	21.43	228	27648	0.416	ng/ul 100
21) Benzo(b)fluoranthene	23.01	252	27315	0.424	ng/ul 98
22) Benzo(k)fluoranthene	23.05	252	26370	0.420	ng/ul 99
23) Benzo(a)pyrene	23.61	252	23635	0.424	ng/ul 98
24) Indeno(1,2,3-cd)pyrene	26.06	276	25831	0.404	ng/ul# 98
25) Dibenzo(a,h)anthracene	26.07	278	20590	0.400	ng/ul 99
26) Benzo(g,h,i)perylene	26.78	276	21841	0.393	ng/ul 98

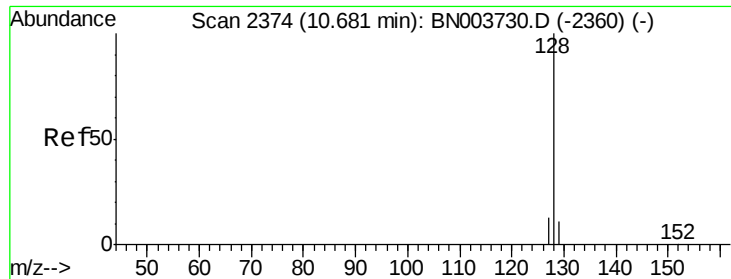
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN003743.D
Acq On : 06 Dec 2018 22:20
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.490

Quant Time: Dec 07 03:20:52 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 : Fri Dec 07 03:02:08 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.414 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BN003743.D

Acq: 06 Dec 2018 22:20

Instrument :

BNA_N

ClientSampleId :

SSTD0.490

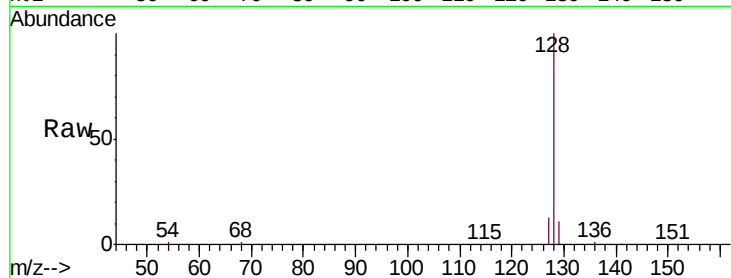
Tgt Ion:128 Resp: 22493

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

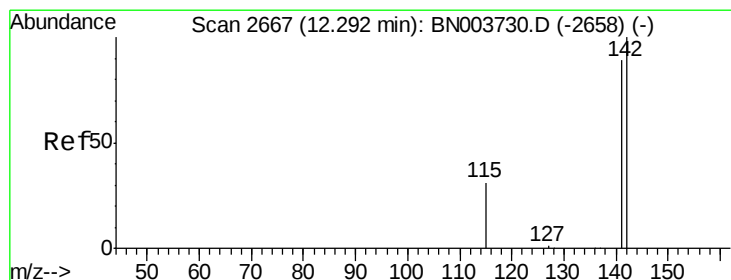
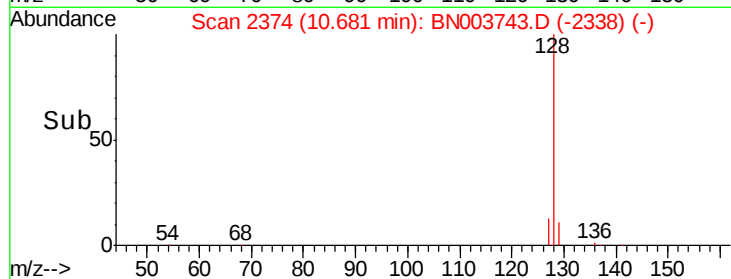
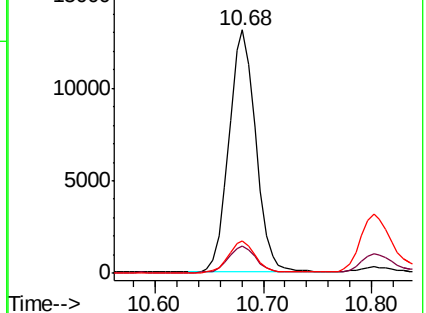
127 13.2 10.5 15.7



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: 0.410 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003743.D

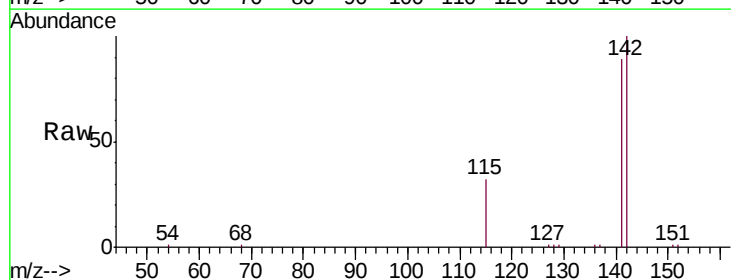
Acq: 06 Dec 2018 22:20

Tgt Ion:142 Resp: 15555

Ion Ratio Lower Upper

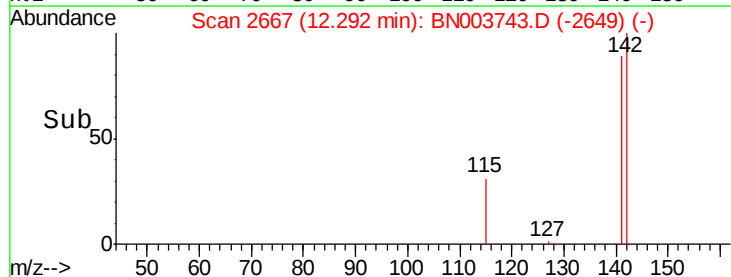
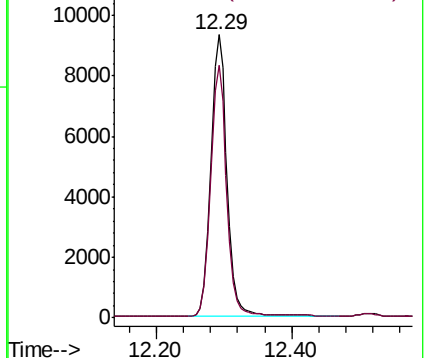
142 100

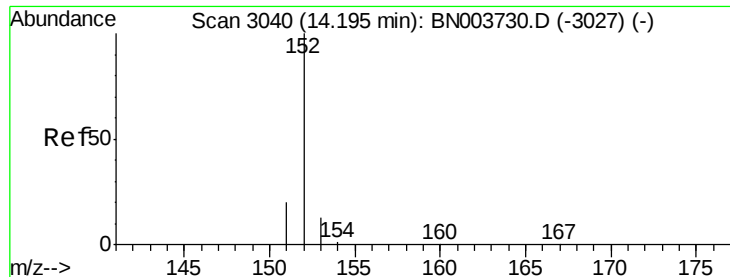
141 88.6 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.421 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN003743.D

Acq: 06 Dec 2018 22:20

Instrument :

BNA_N

ClientSampleId :

SSTD0.490

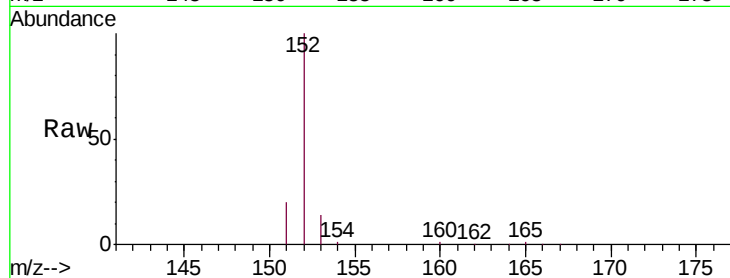
Tgt Ion:152 Resp: 18587

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

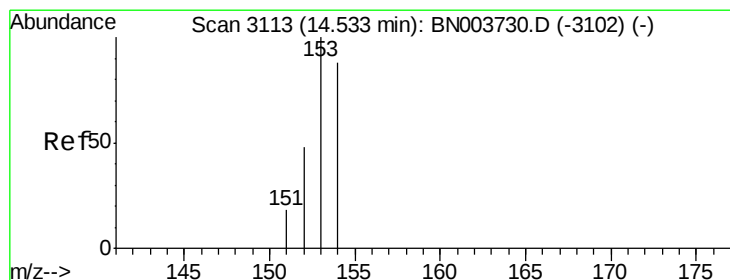
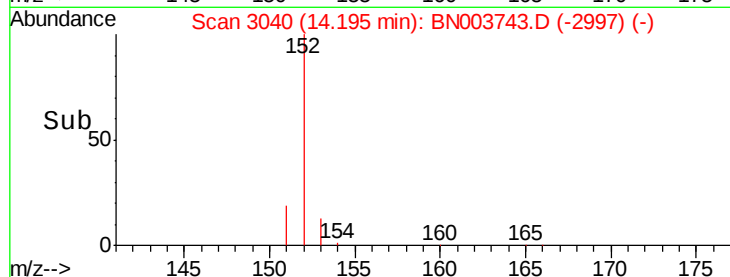
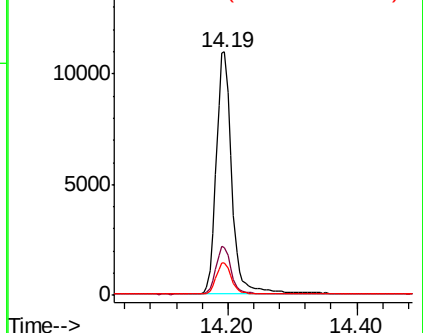
153 13.6 10.7 16.1



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: 0.417 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN003743.D

Acq: 06 Dec 2018 22:20

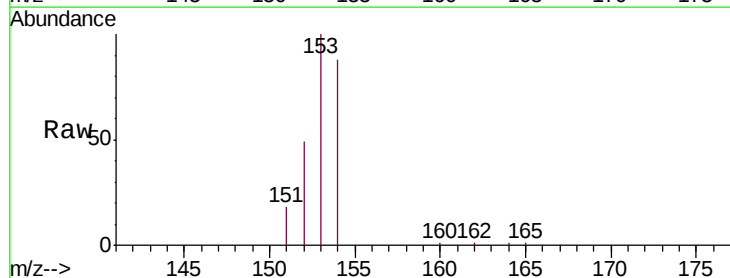
Tgt Ion:153 Resp: 16134

Ion Ratio Lower Upper

153 100

152 49.1 39.3 58.9

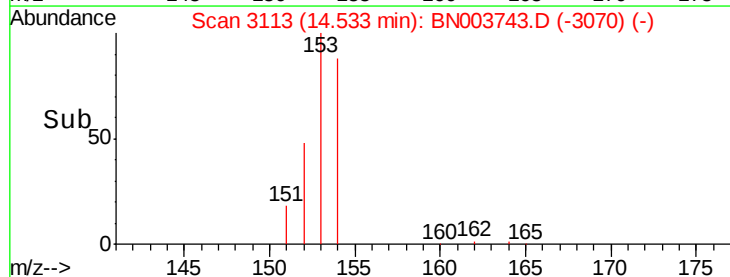
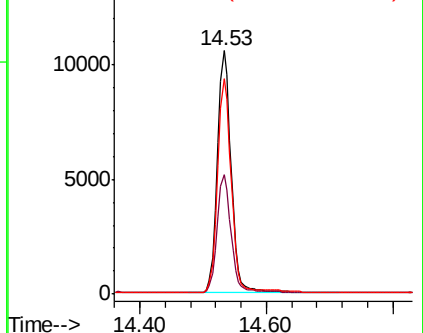
154 88.4 70.3 105.5

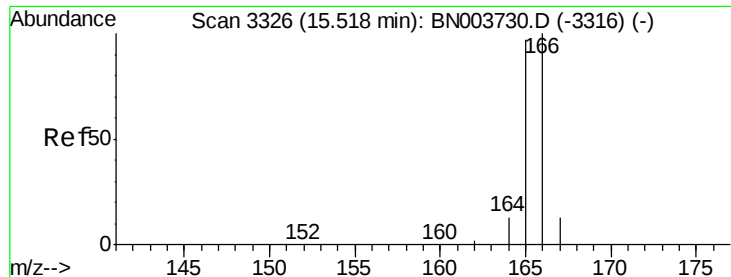


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.396 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN003743.D

Acq: 06 Dec 2018 22:20

Instrument :

BNA_N

ClientSampleId :

SSTD0.490

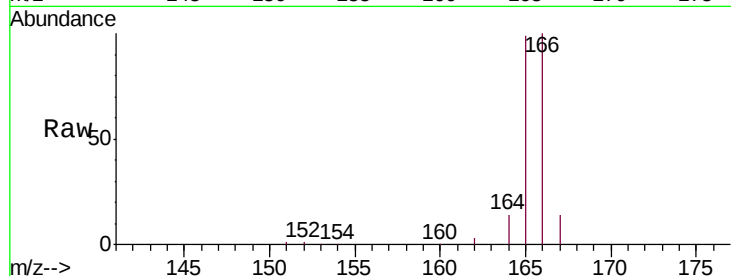
Tgt Ion:166 Resp: 17855

Ion Ratio Lower Upper

166 100

165 98.9 78.3 117.5

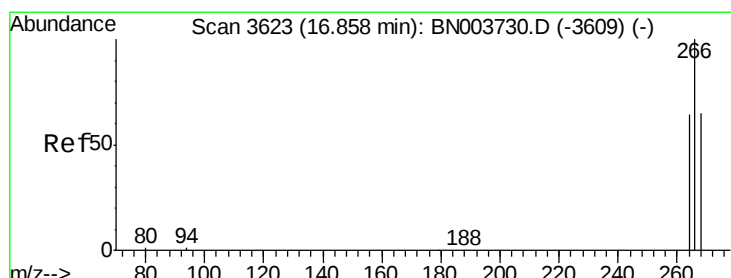
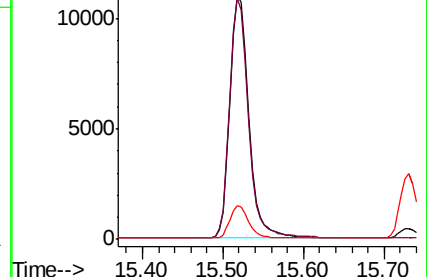
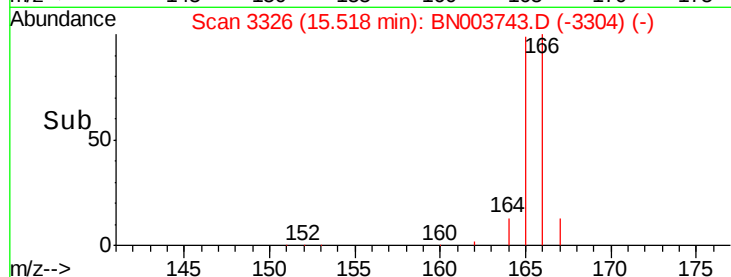
167 13.8 11.3 16.9



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: 0.402 ng/ul

RT: 16.86 min Scan# 3624

Delta R.T. 0.00 min

Lab File: BN003743.D

Acq: 06 Dec 2018 22:20

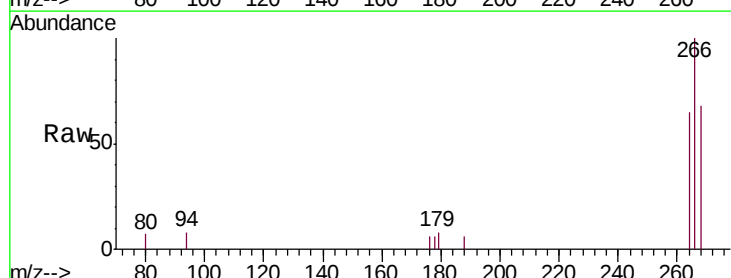
Tgt Ion:266 Resp: 1550

Ion Ratio Lower Upper

266 100

264 61.9 49.4 74.2

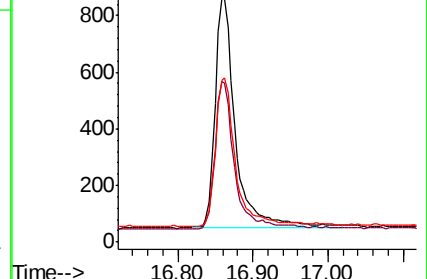
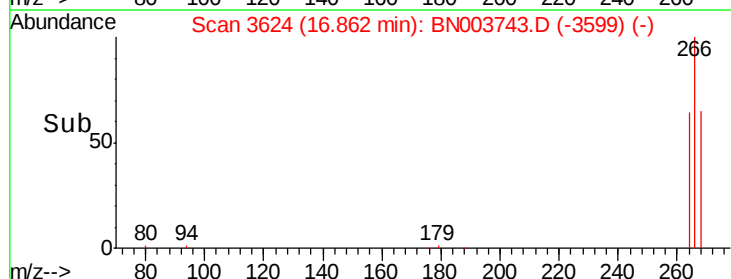
268 65.2 51.7 77.5

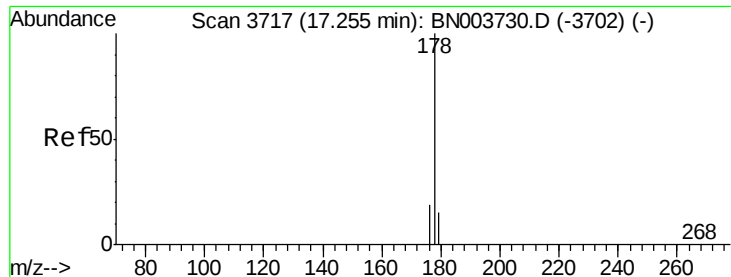


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.416 ng/ul

RT: 17.25 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BN003743.D

Acq: 06 Dec 2018 22:20

Instrument :

BNA_N

ClientSampleId :

SSTD0.490

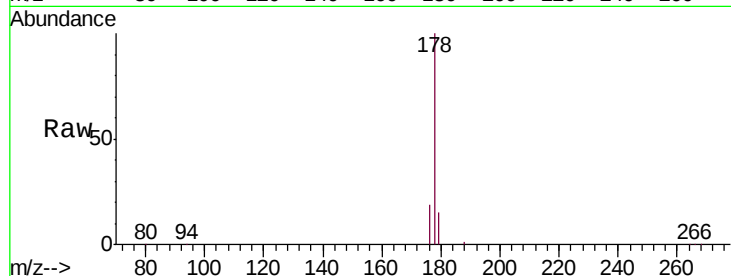
Tgt Ion:178 Resp: 29272

Ion Ratio Lower Upper

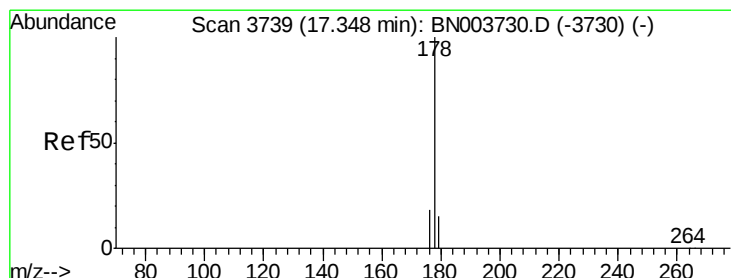
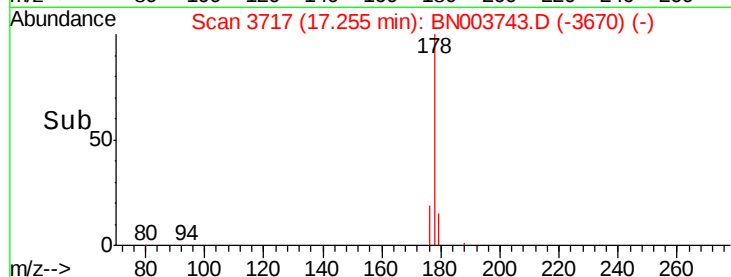
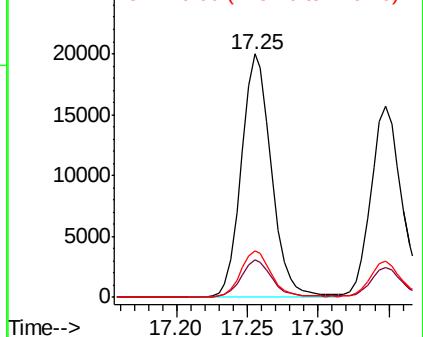
178 100

179 15.5 12.5 18.7

176 19.2 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: 0.421 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN003743.D

Acq: 06 Dec 2018 22:20

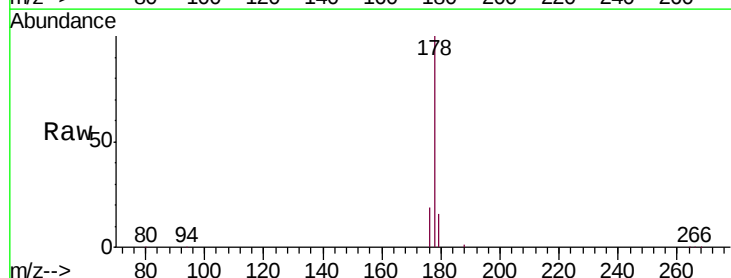
Tgt Ion:178 Resp: 24354

Ion Ratio Lower Upper

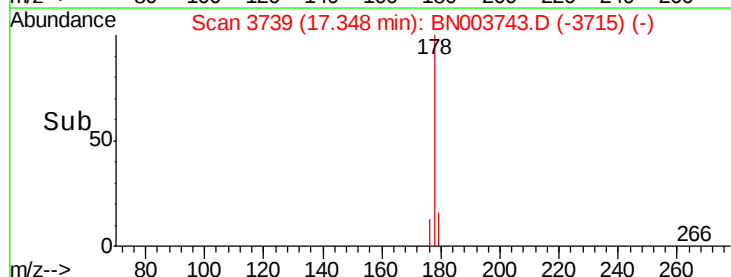
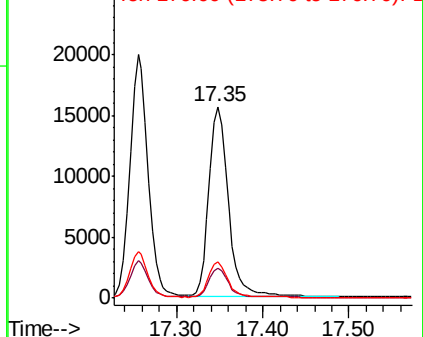
178 100

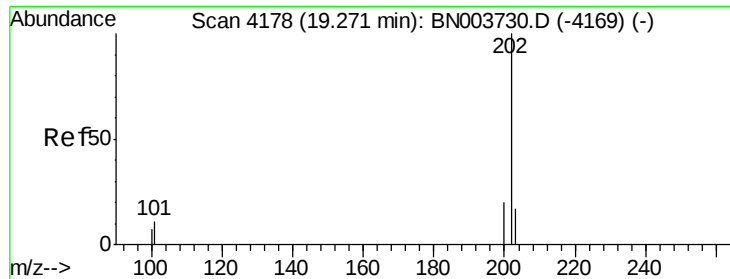
179 15.5 12.3 18.5

176 18.7 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: 0.389 ng/ul

RT: 19.27 min Scan# 4177

Delta R.T. -0.00 min

Lab File: BN003743.D

Acq: 06 Dec 2018 22:20

Instrument :

BNA_N

ClientSampleId :

SSTD0.490

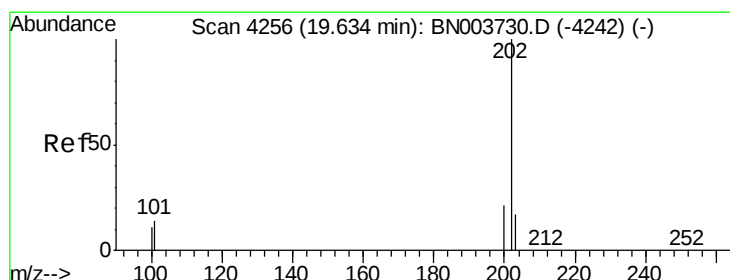
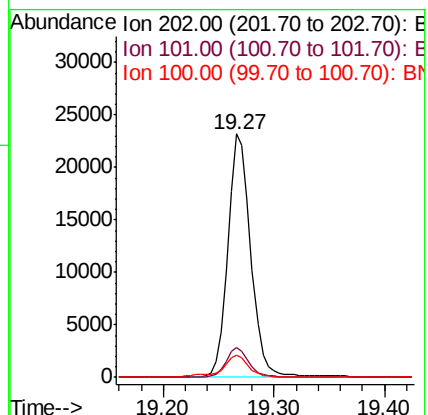
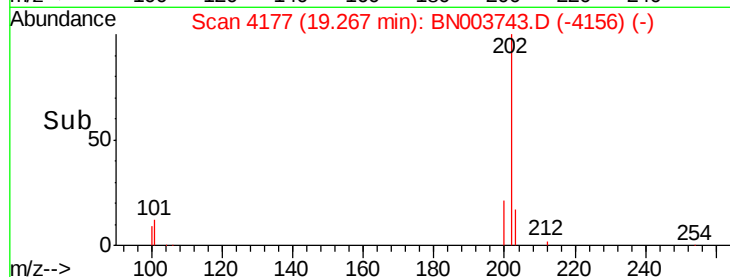
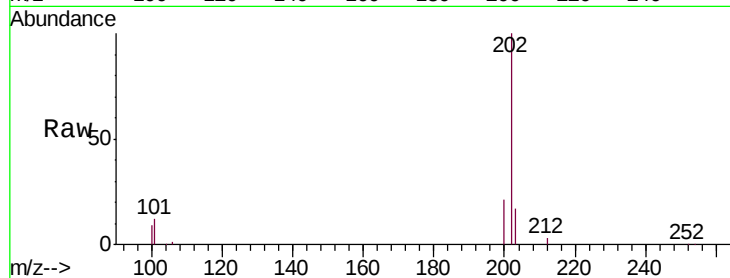
Tgt Ion:202 Resp: 32316

Ion Ratio Lower Upper

202 100

101 12.1 0.0 30.7

100 9.3 0.0 28.1



#17

Pyrene

Concen: 0.477 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. -0.00 min

Lab File: BN003743.D

Acq: 06 Dec 2018 22:20

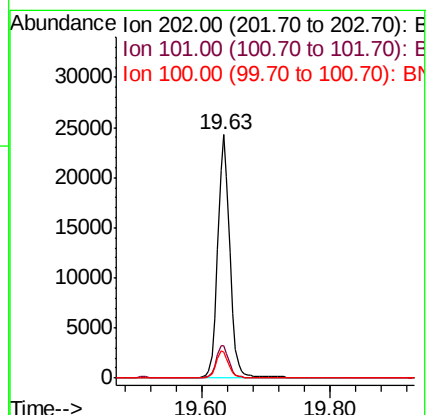
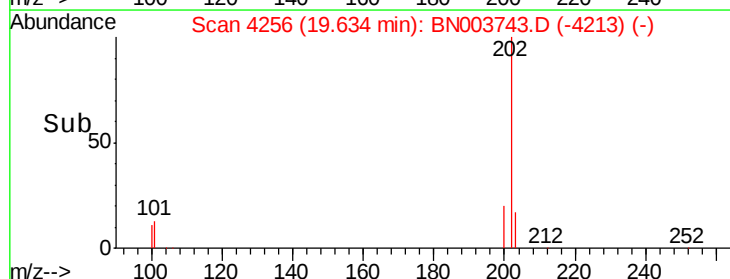
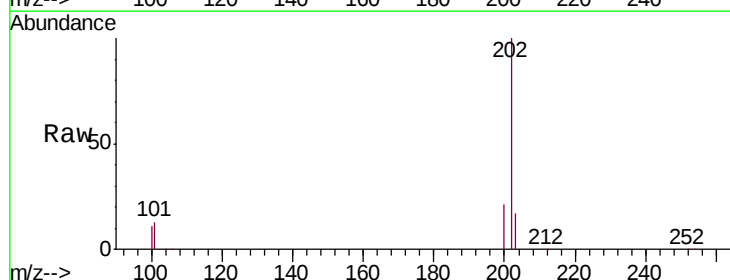
Tgt Ion:202 Resp: 31427

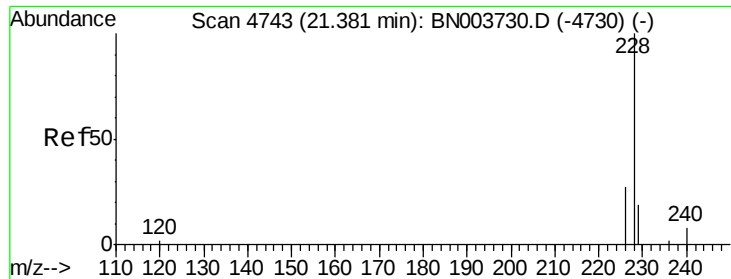
Ion Ratio Lower Upper

202 100

101 13.3 10.3 15.5

100 10.7 8.5 12.7





#18

Benzo(a)anthracene

Concen: 0.432 ng/ul

RT: 21.38 min Scan# 4742

Delta R.T. -0.00 min

Lab File: BN003743.D

Acq: 06 Dec 2018 22:20

Instrument :

BNA_N

ClientSampleId :

SSTD0.490

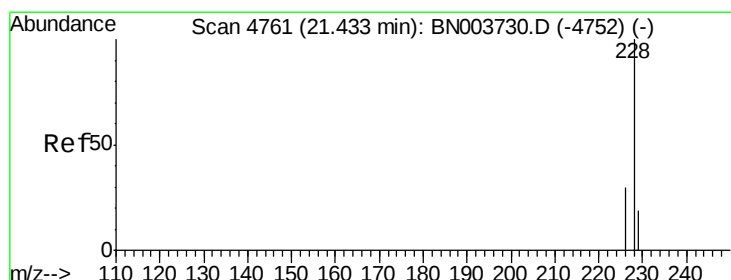
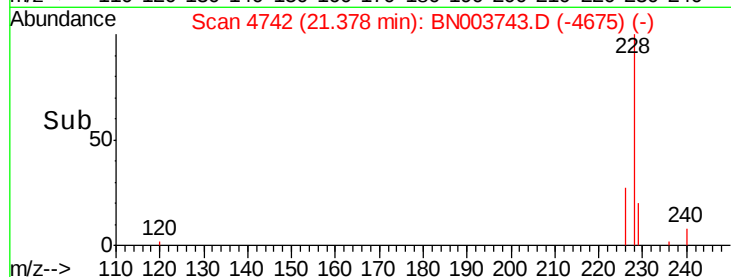
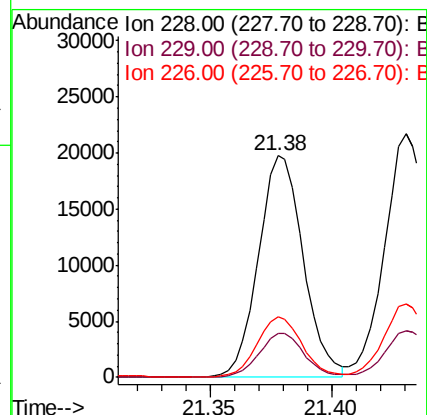
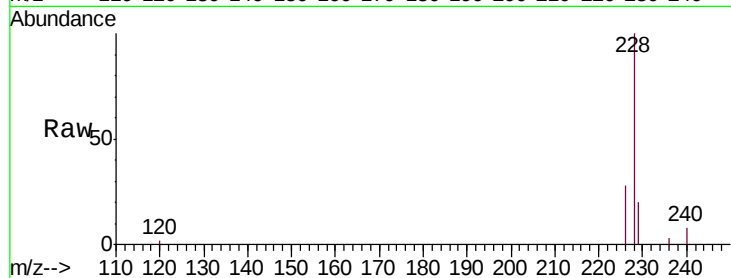
Tgt Ion:228 Resp: 25066

Ion Ratio Lower Upper

228 100

229 19.8 15.6 23.4

226 27.6 21.1 31.7



#19

Chrysene

Concen: 0.416 ng/ul

RT: 21.43 min Scan# 4760

Delta R.T. -0.00 min

Lab File: BN003743.D

Acq: 06 Dec 2018 22:20

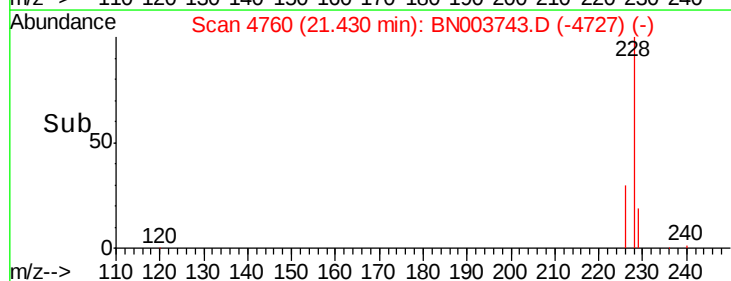
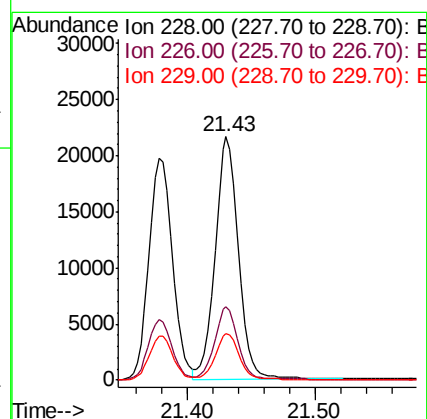
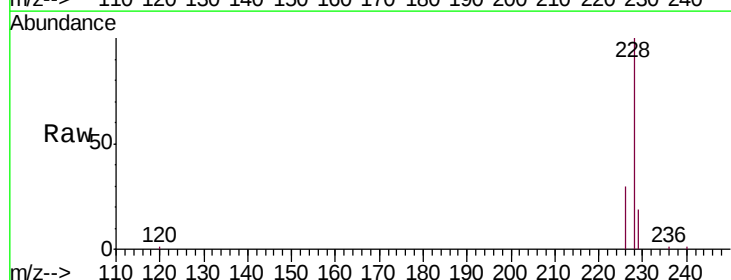
Tgt Ion:228 Resp: 27648

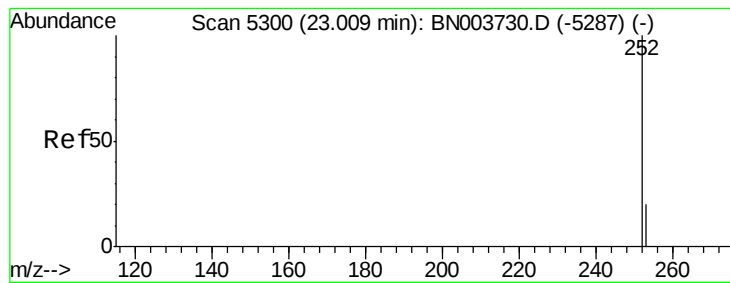
Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 19.2 15.7 23.5





#21

Benzo(b)fluoranthene

Concen: 0.424 ng/ul

RT: 23.01 min Scan# 5299

Delta R.T. -0.00 min

Lab File: BN003743.D

Acq: 06 Dec 2018 22:20

Instrument :

BNA_N

ClientSampleId :

SSTD0.490

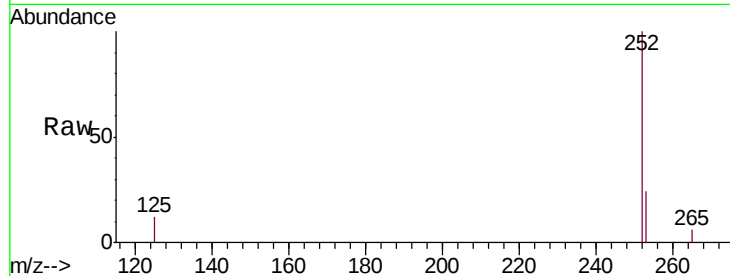
Tgt Ion:252 Resp: 27315

Ion Ratio Lower Upper

252 100

253 23.7 0.0 46.0

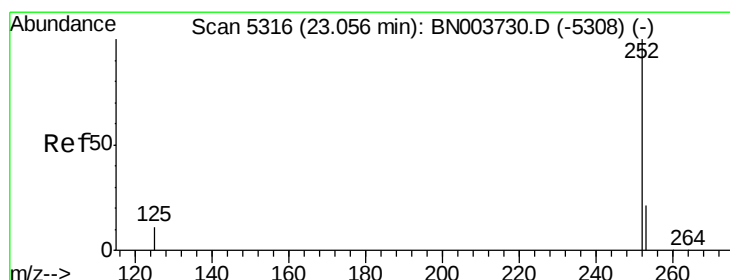
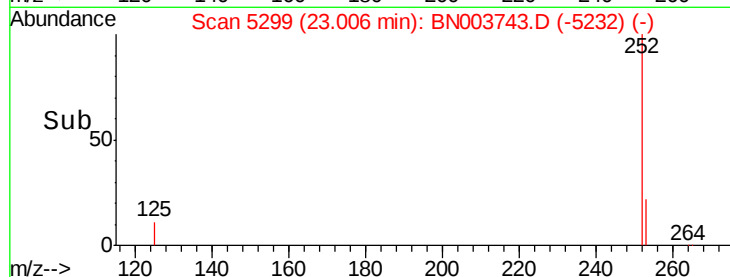
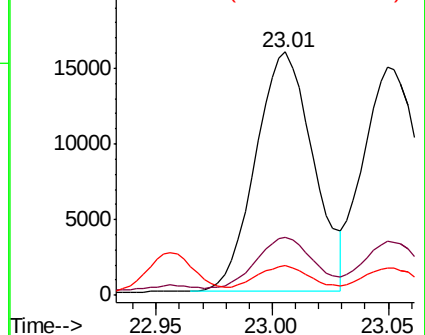
125 12.0 0.0 22.4



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: 0.420 ng/ul

RT: 23.05 min Scan# 5314

Delta R.T. -0.01 min

Lab File: BN003743.D

Acq: 06 Dec 2018 22:20

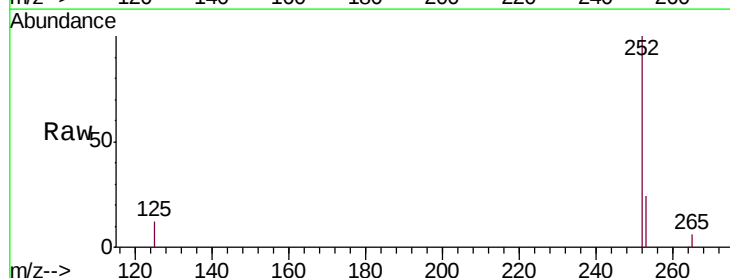
Tgt Ion:252 Resp: 26370

Ion Ratio Lower Upper

252 100

253 23.6 18.5 27.7

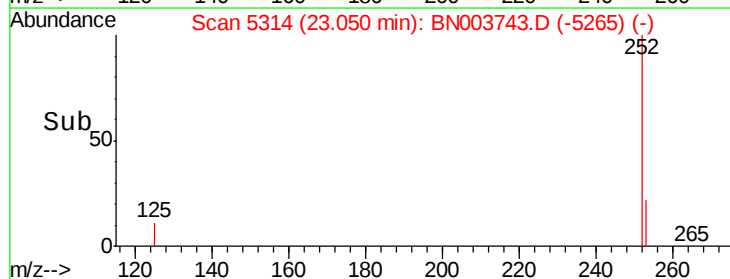
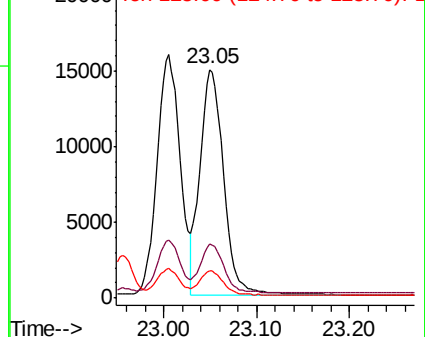
125 12.0 9.0 13.6

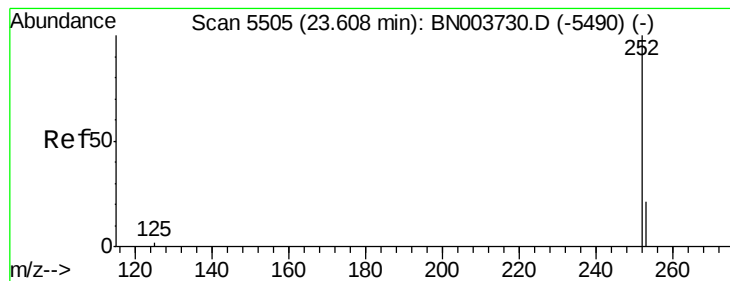


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.424 ng/u1

RT: 23.61 min Scan# 5504

Delta R.T. -0.00 min

Lab File: BN003743.D

Acq: 06 Dec 2018 22:20

Instrument :

BNA_N

ClientSampleId :

SSTD0.490

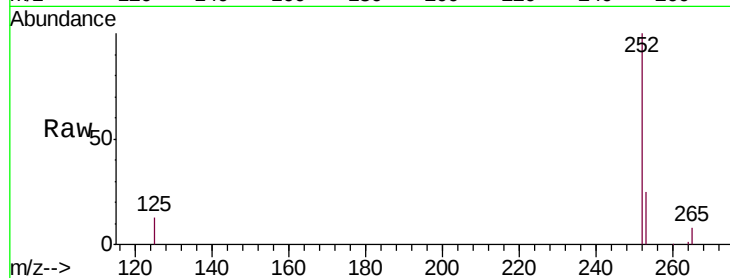
Tgt Ion:252 Resp: 23635

Ion Ratio Lower Upper

252 100

253 24.5 19.0 28.4

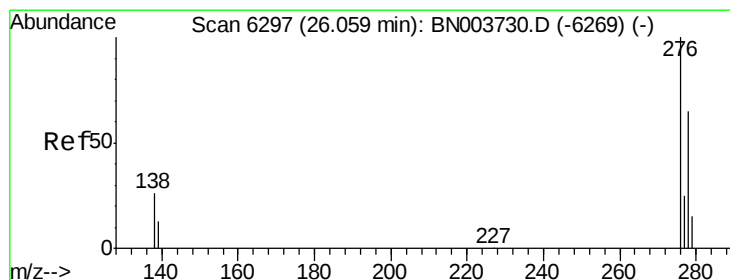
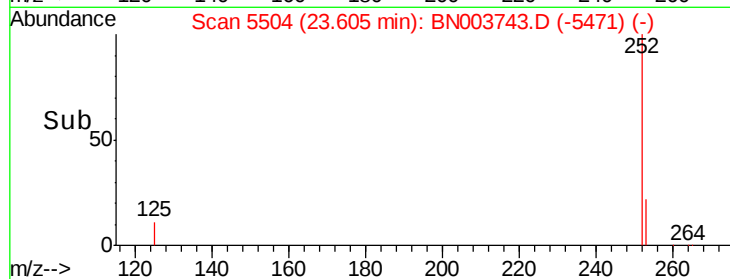
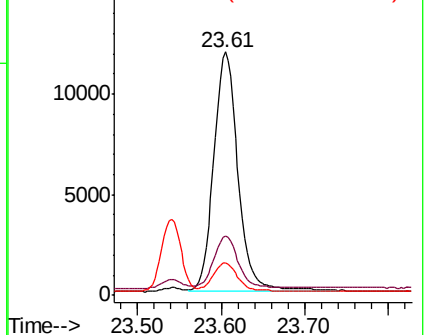
125 13.4 10.2 15.4



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: 0.404 ng/u1

RT: 26.06 min Scan# 6296

Delta R.T. -0.00 min

Lab File: BN003743.D

Acq: 06 Dec 2018 22:20

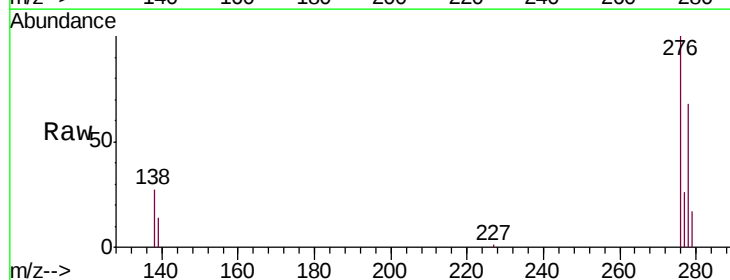
Tgt Ion:276 Resp: 25831

Ion Ratio Lower Upper

276 100

138 26.5 20.3 30.5

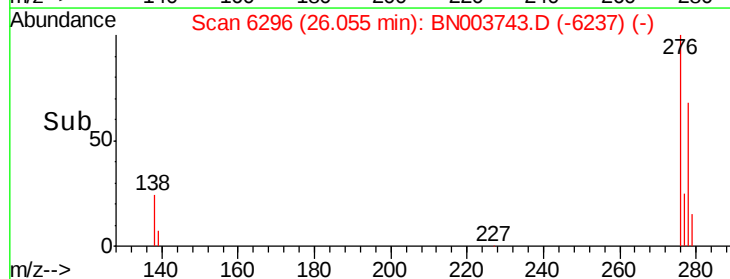
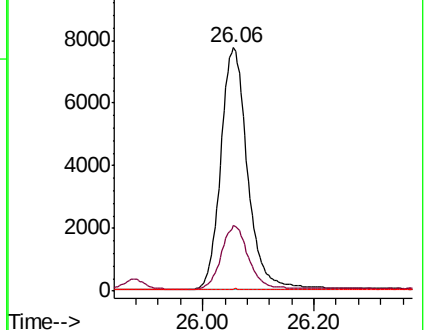
227 0.2 0.2 0.2#

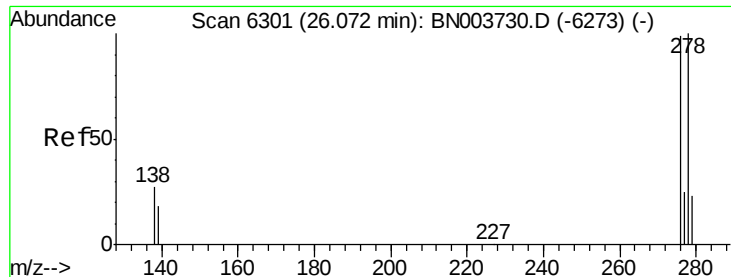


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



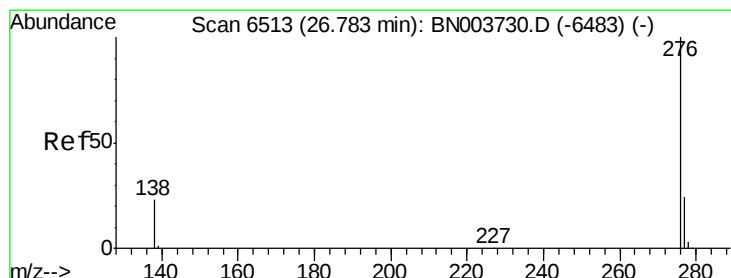
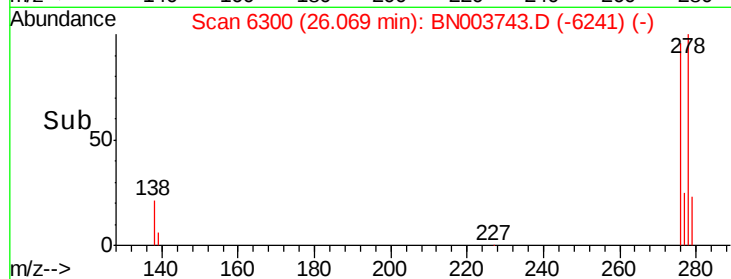
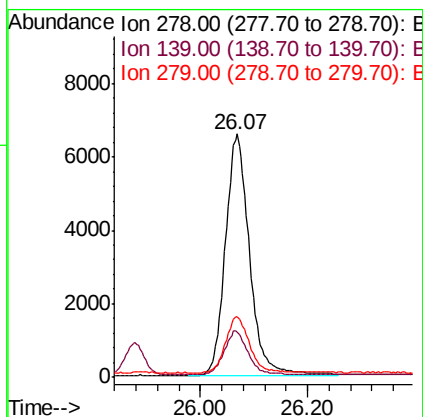
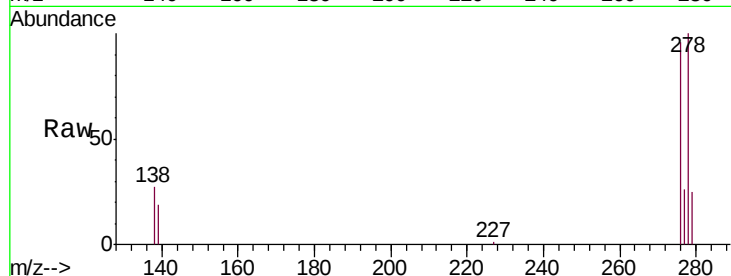


#25
Dibenzo(a,h)anthracene
Concen: 0.400 ng/ul
RT: 26.07 min Scan# 6300
Delta R.T. -0.00 min
Lab File: BN003743.D
Acq: 06 Dec 2018 22:20

Instrument :
BNA_N
ClientSampleId :
SSTD0.490

Tgt Ion: 278 Resp: 20590

Ion	Ratio	Lower	Upper
278	100		
139	18.5	14.2	21.4
279	25.1	19.8	29.6



#26
Benzo(g,h,i)perylene
Concen: 0.393 ng/ul
RT: 26.78 min Scan# 6511
Delta R.T. -0.01 min
Lab File: BN003743.D
Acq: 06 Dec 2018 22:20

Tgt Ion: 276 Resp: 21841

Ion	Ratio	Lower	Upper
276	100		
138	23.9	17.7	26.5
277	24.1	19.3	28.9

