

Data File : BN003775.D
Acq On : 10 Dec 2018 11:50
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.494

Quant Time: Dec 11 03:42:24 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 : Sat Dec 08 00:32:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5646	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	22710	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	11680	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	25209	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	21912	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	19671	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	13816	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	30644	0.42	ng/ul	0.00

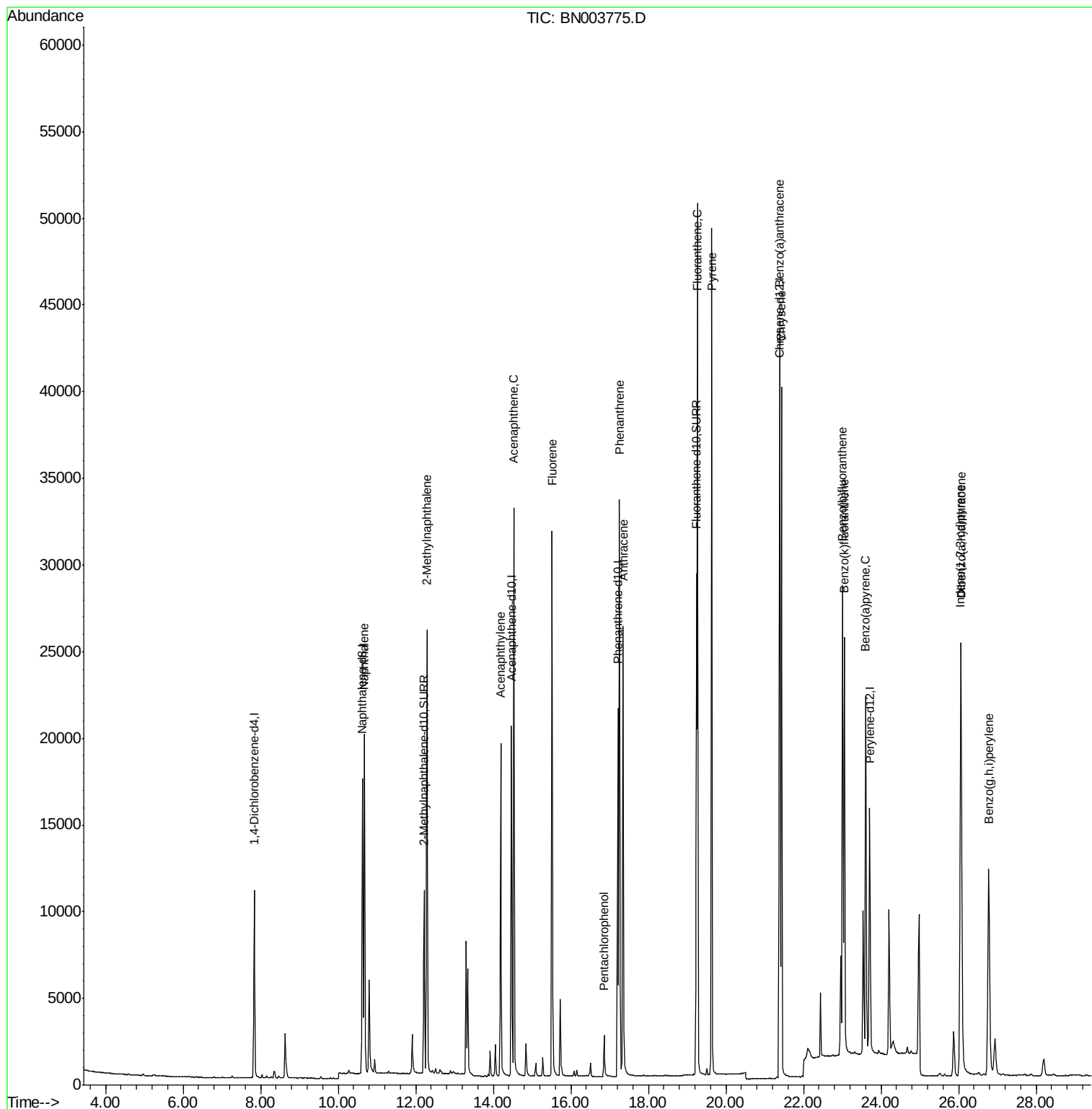
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	26747	0.419	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	18506	0.415	ng/ul	100
7) Acenaphthylene	14.19	152	22921	0.436	ng/ul	100
8) Acenaphthene	14.53	153	19550	0.424	ng/ul	100
9) Fluorene	15.52	166	21534	0.401	ng/ul	100
11) Pentachlorophenol	16.86	266	1853	0.408	ng/ul	99
12) Phenanthrene	17.25	178	35391	0.428	ng/ul	100
13) Anthracene	17.34	178	29319	0.431	ng/ul	100
15) Fluoranthene	19.27	202	42212	0.432	ng/ul	97
17) Pyrene	19.63	202	40653	0.517	ng/ul	99
18) Benzo(a)anthracene	21.38	228	32152	0.465	ng/ul	98
19) Chrysene	21.43	228	33302	0.420	ng/ul	100
21) Benzo(b)fluoranthene	23.01	252	33125	0.407	ng/ul	99
22) Benzo(k)fluoranthene	23.05	252	32117	0.405	ng/ul	98
23) Benzo(a)pyrene	23.61	252	29555	0.419	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.05	276	31636	0.392	ng/ul	97
25) Dibenzo(a,h)anthracene	26.07	278	24169	0.372	ng/ul	98
26) Benzo(g,h,i)perylene	26.78	276	27568	0.393	ng/ul	98

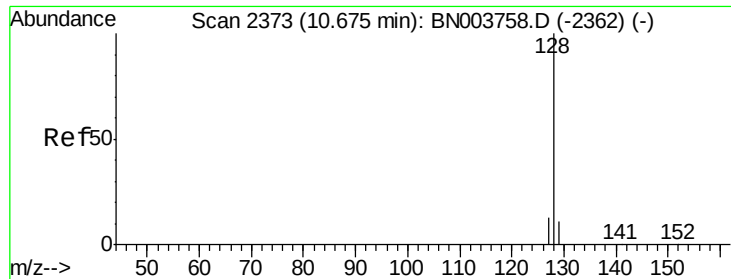
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN003775.D
Acq On : 10 Dec 2018 11:50
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.494

Quant Time: Dec 11 03:42:24 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 : Sat Dec 08 00:32:32 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.419 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BN003775.D

Acq: 10 Dec 2018 11:50

Instrument :

BNA_N

ClientSampleId :

SSTD0.494

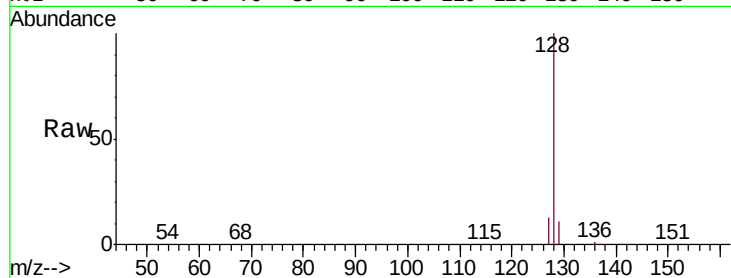
Tgt Ion:128 Resp: 26747

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

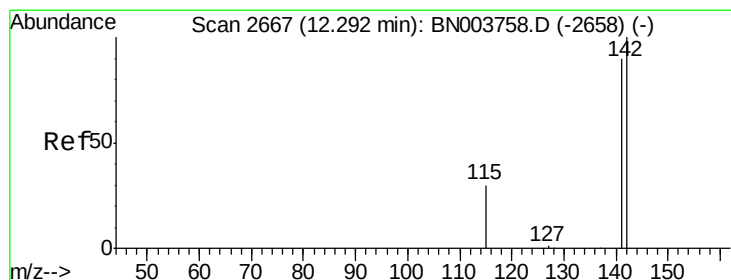
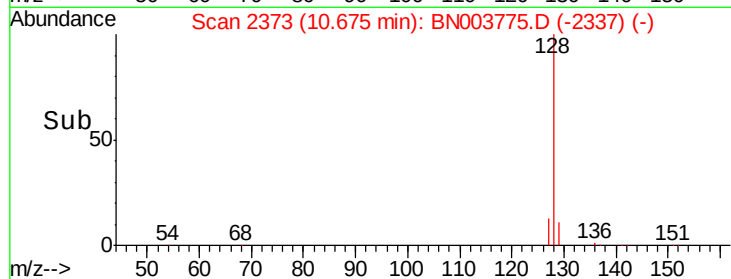
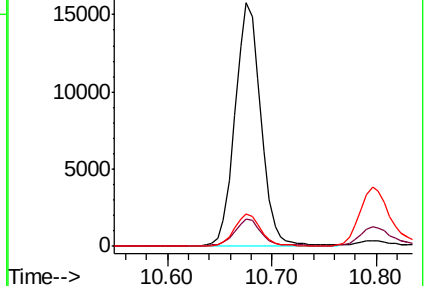
127 13.2 10.5 15.7



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: 0.415 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BN003775.D

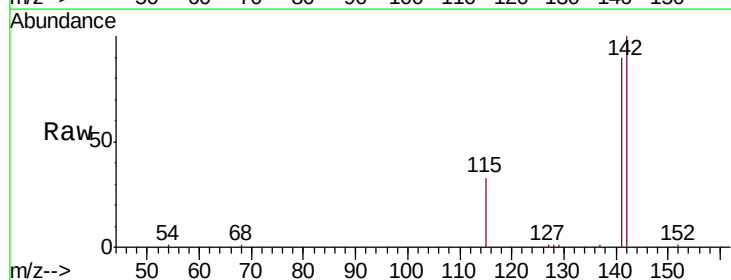
Acq: 10 Dec 2018 11:50

Tgt Ion:142 Resp: 18506

Ion Ratio Lower Upper

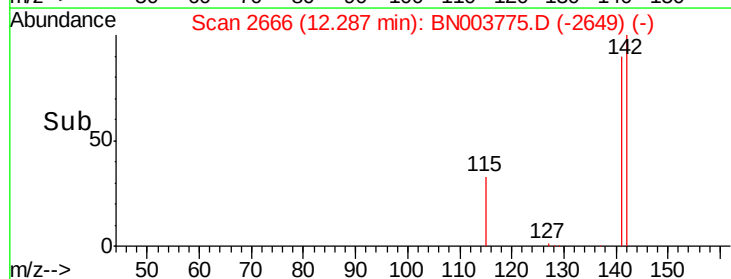
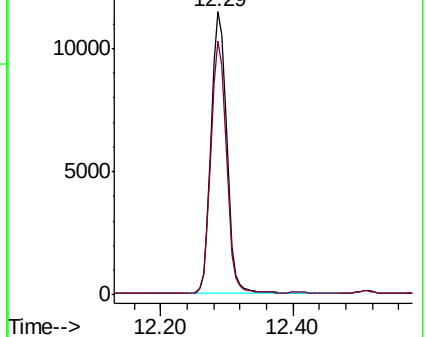
142 100

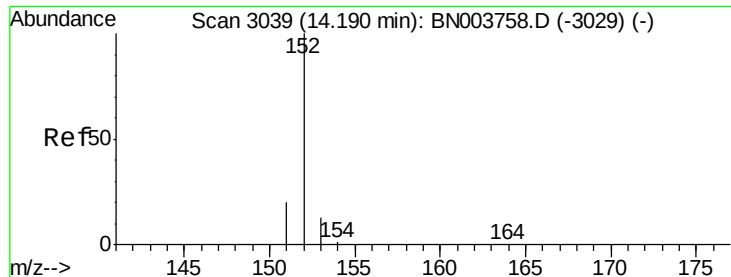
141 89.3 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.436 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN003775.D

Acq: 10 Dec 2018 11:50

Instrument :

BNA_N

ClientSampleId :

SSTD0.494

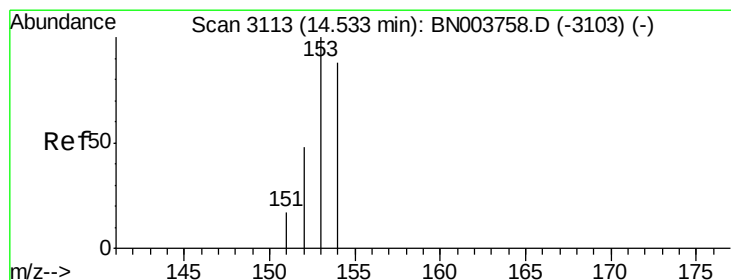
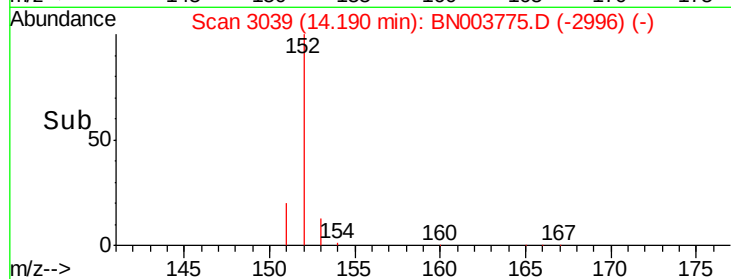
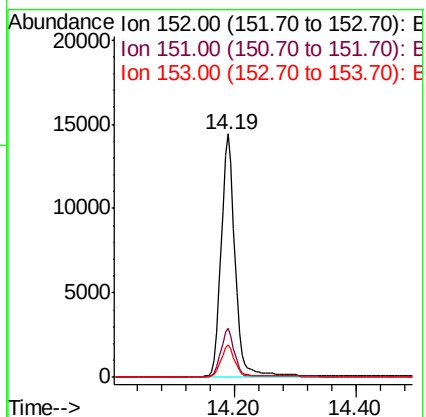
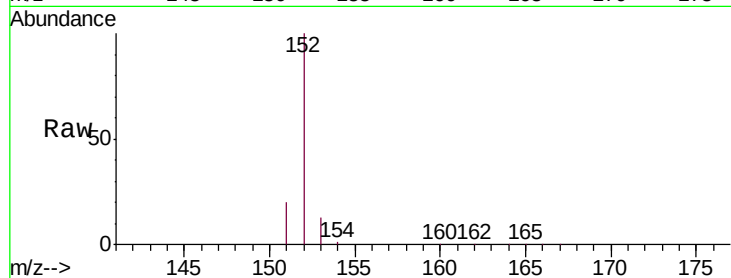
Tgt Ion:152 Resp: 22921

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.3 10.7 16.1



#8

Acenaphthene

Concen: 0.424 ng/ul

RT: 14.53 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BN003775.D

Acq: 10 Dec 2018 11:50

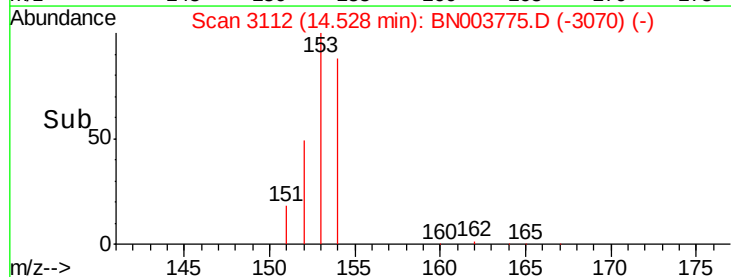
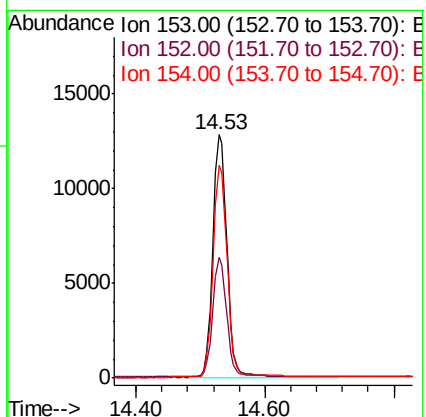
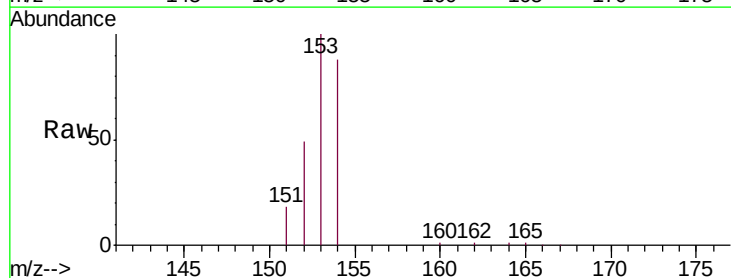
Tgt Ion:153 Resp: 19550

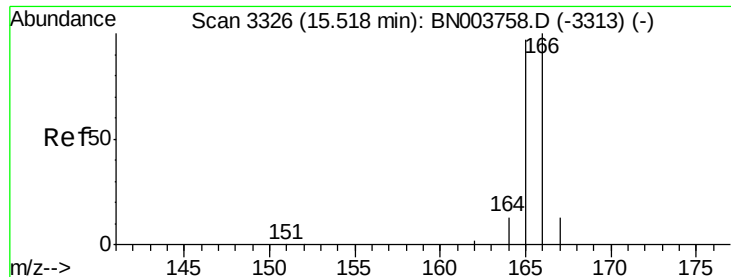
Ion Ratio Lower Upper

153 100

152 49.5 39.3 58.9

154 87.7 70.3 105.5





#9

Fluorene

Concen: 0.401 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN003775.D

Acq: 10 Dec 2018 11:50

Instrument :

BNA_N

ClientSampleId :

SSTD0.494

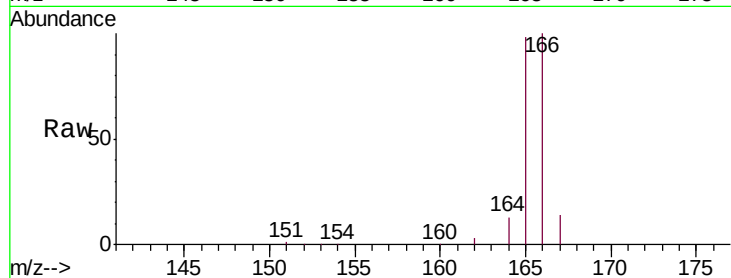
Tgt Ion:166 Resp: 21534

Ion Ratio Lower Upper

166 100

165 98.3 78.3 117.5

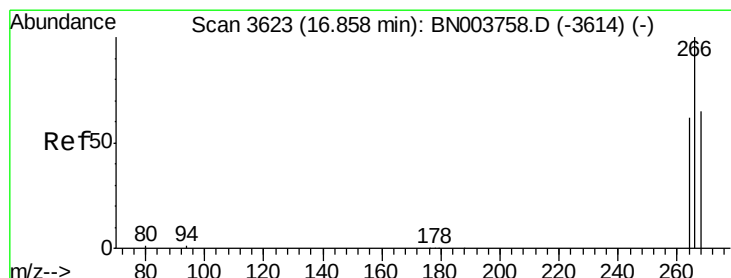
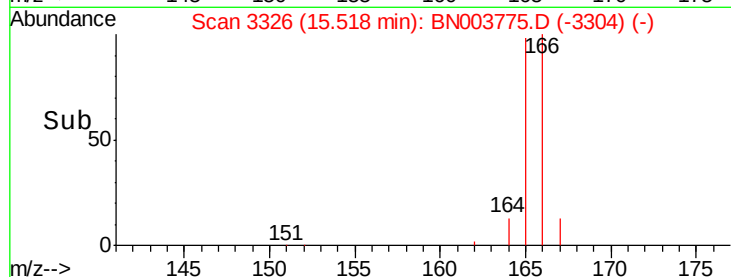
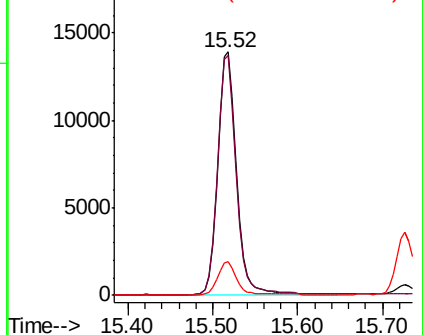
167 13.7 11.3 16.9



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: 0.408 ng/ul

RT: 16.86 min Scan# 3623

Delta R.T. -0.00 min

Lab File: BN003775.D

Acq: 10 Dec 2018 11:50

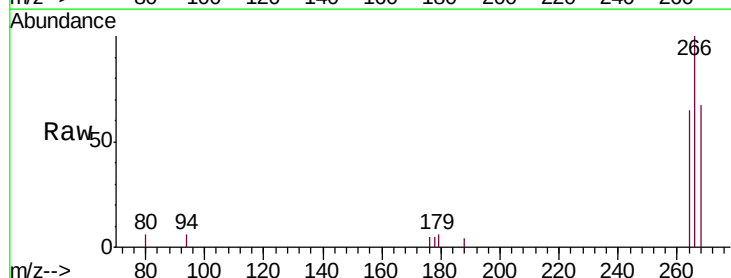
Tgt Ion:266 Resp: 1853

Ion Ratio Lower Upper

266 100

264 63.2 49.4 74.2

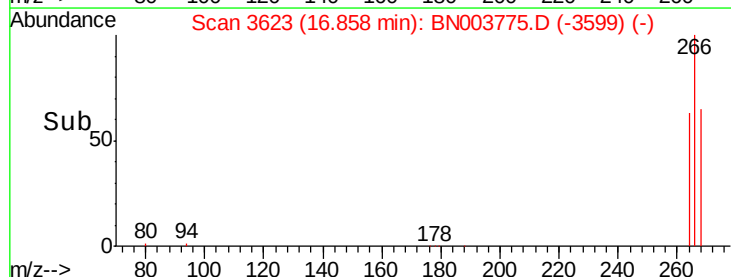
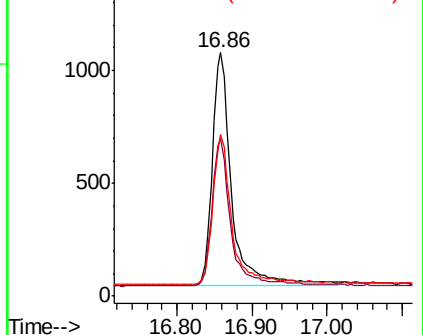
268 64.2 51.7 77.5

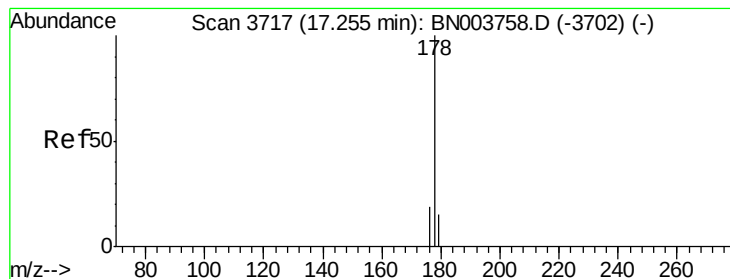


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.428 ng/ul

RT: 17.25 min Scan# 3717

Delta R.T. -0.00 min

Lab File: BN003775.D

Acq: 10 Dec 2018 11:50

Instrument :

BNA_N

ClientSampleId :

SSTD0.494

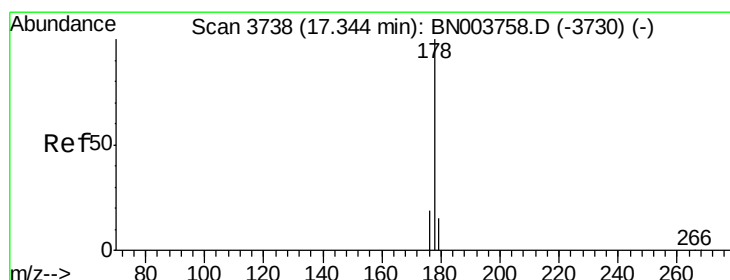
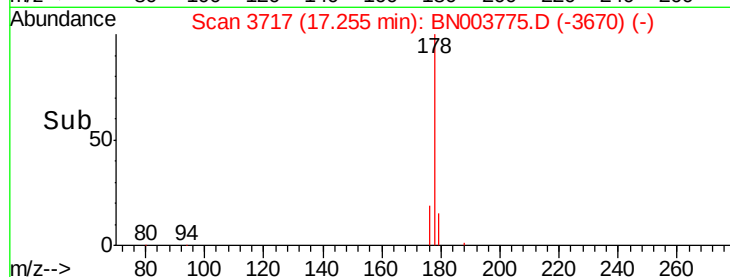
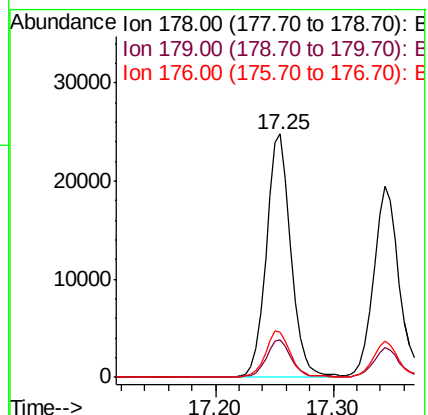
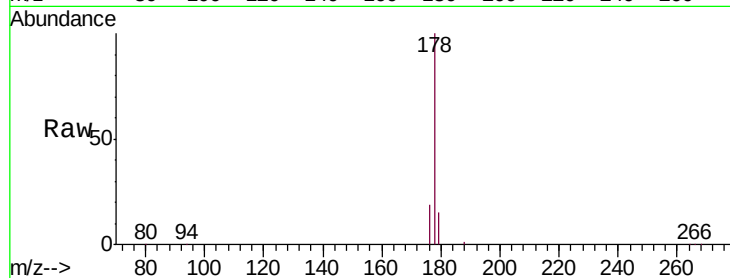
Tgt Ion:178 Resp: 35391

Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

176 18.8 15.0 22.4



#13

Anthracene

Concen: 0.431 ng/ul

RT: 17.34 min Scan# 3738

Delta R.T. -0.00 min

Lab File: BN003775.D

Acq: 10 Dec 2018 11:50

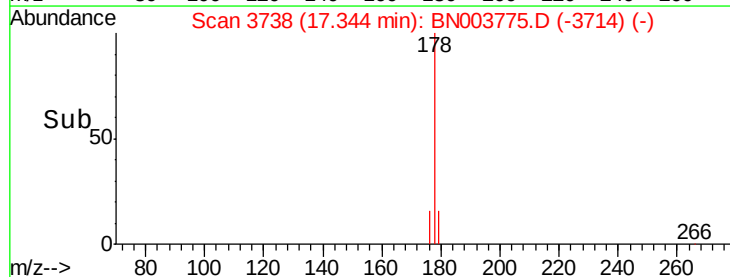
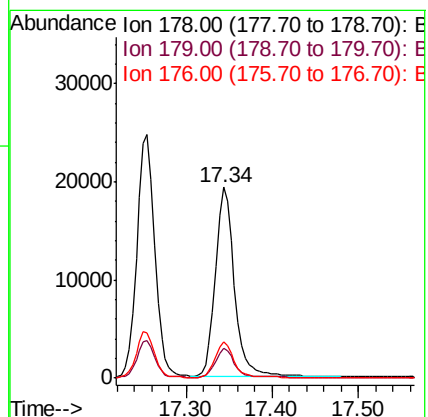
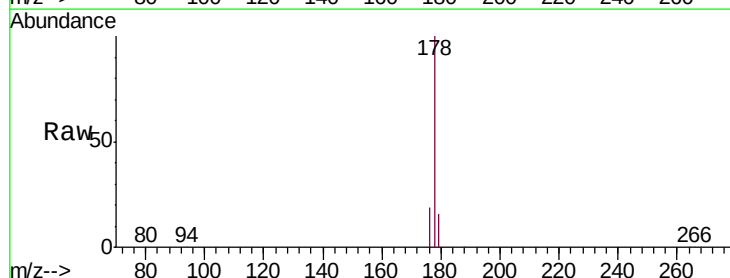
Tgt Ion:178 Resp: 29319

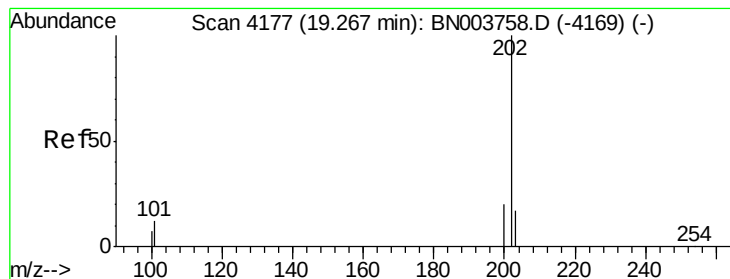
Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 18.8 14.8 22.2





#15

Fluoranthene

Concen: 0.432 ng/ul

RT: 19.27 min Scan# 4177

Delta R.T. -0.00 min

Lab File: BN003775.D

Acq: 10 Dec 2018 11:50

Instrument :

BNA_N

ClientSampleId :

SSTD0.494

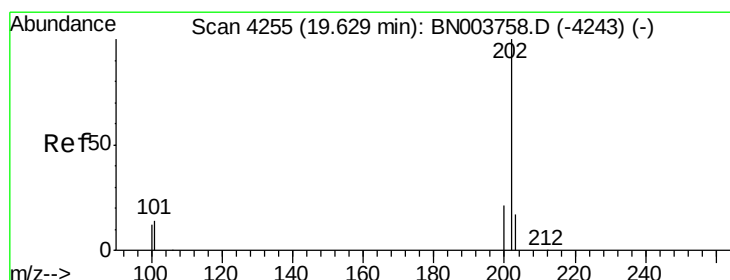
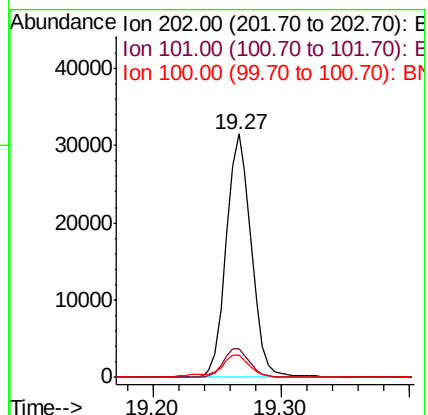
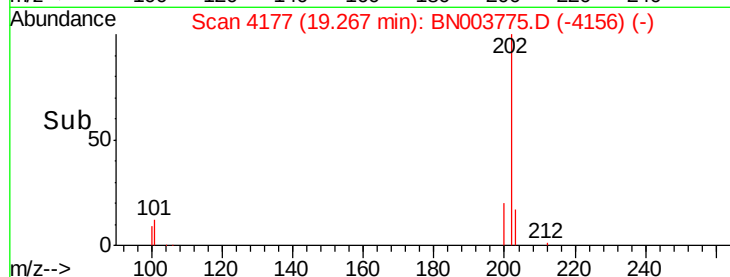
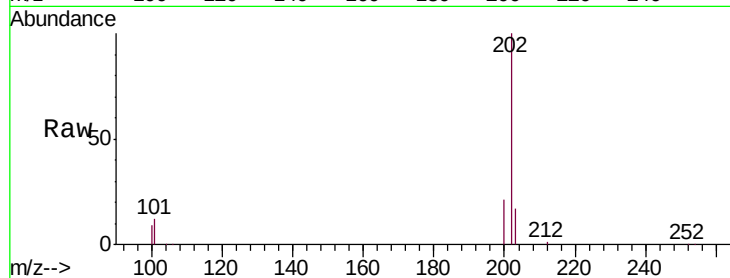
Tgt Ion:202 Resp: 42212

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.7

100 9.0 0.0 28.1



#17

Pyrene

Concen: 0.517 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. 0.00 min

Lab File: BN003775.D

Acq: 10 Dec 2018 11:50

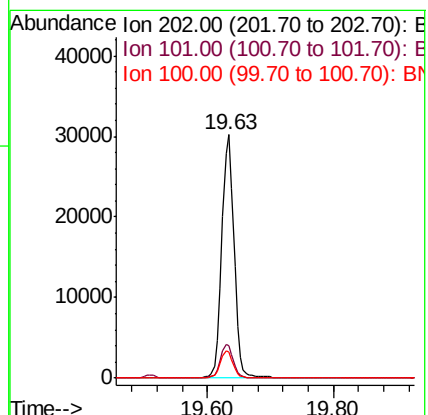
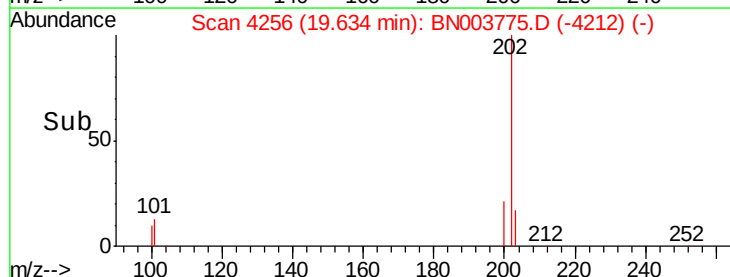
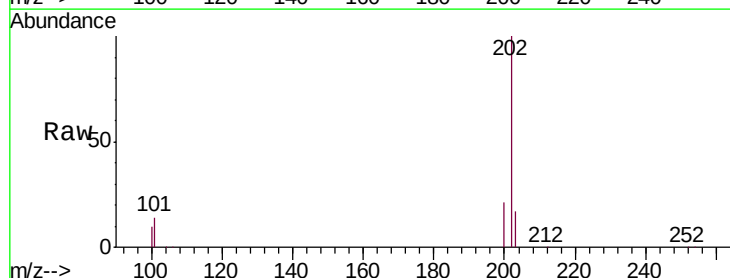
Tgt Ion:202 Resp: 40653

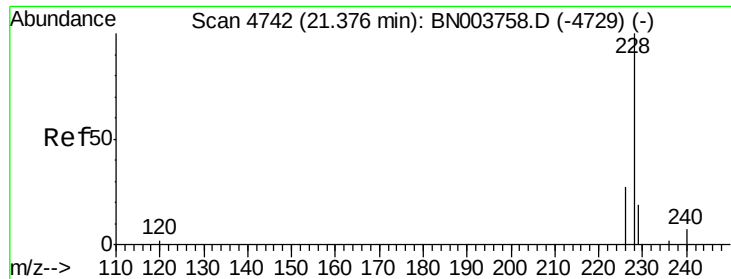
Ion Ratio Lower Upper

202 100

101 13.5 10.3 15.5

100 10.5 8.5 12.7





#18

Benzo(a)anthracene

Concen: 0.465 ng/ul

RT: 21.38 min Scan# 4742

Delta R.T. 0.00 min

Lab File: BN003775.D

Acq: 10 Dec 2018 11:50

Instrument :

BNA_N

ClientSampleId :

SSTD0.494

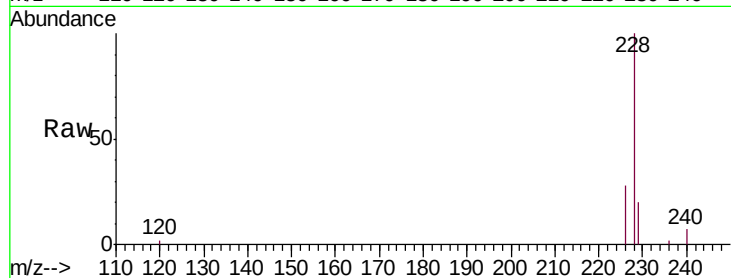
Tgt Ion:228 Resp: 32152

Ion Ratio Lower Upper

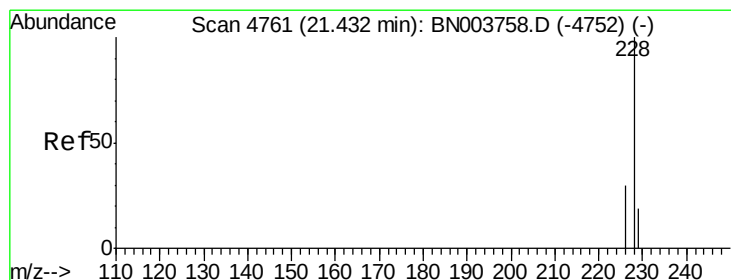
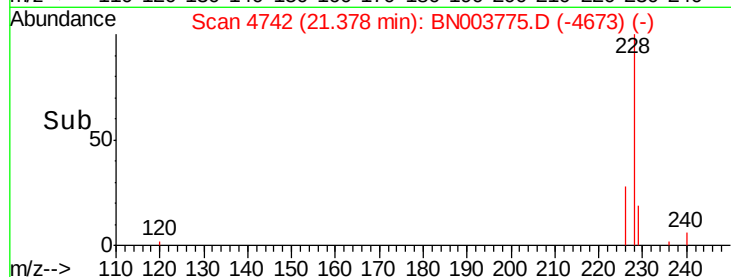
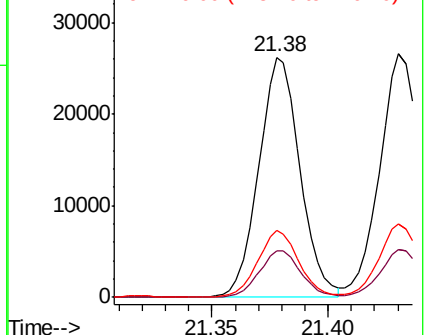
228 100

229 19.5 15.6 23.4

226 27.8 21.1 31.7



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: 0.420 ng/ul

RT: 21.43 min Scan# 4760

Delta R.T. -0.00 min

Lab File: BN003775.D

Acq: 10 Dec 2018 11:50

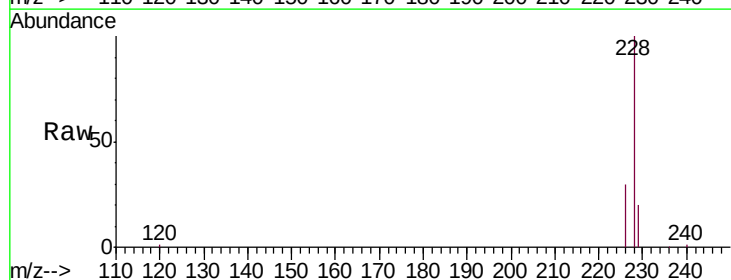
Tgt Ion:228 Resp: 33302

Ion Ratio Lower Upper

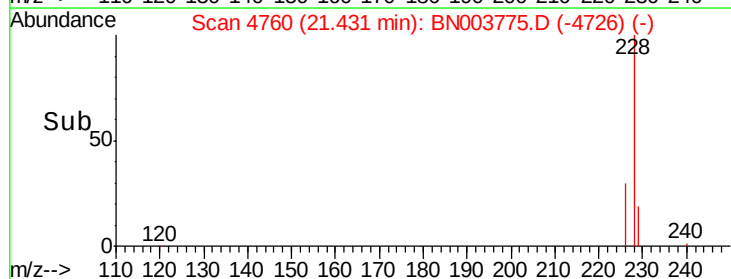
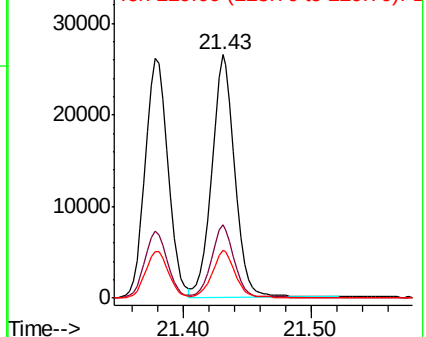
228 100

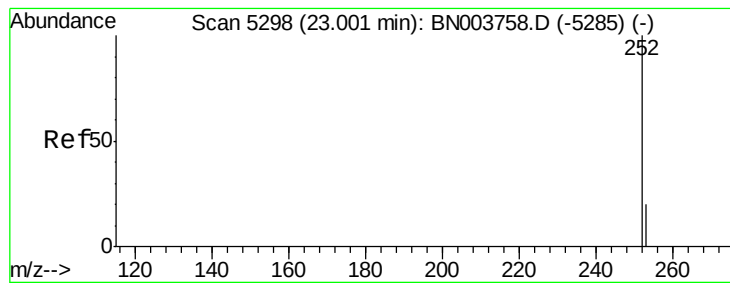
226 30.1 24.0 36.0

229 19.5 15.7 23.5



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: 0.407 ng/ul

RT: 23.01 min Scan# 5299

Delta R.T. 0.00 min

Lab File: BN003775.D

Acq: 10 Dec 2018 11:50

Instrument :

BNA_N

ClientSampleId :

SSTD0.494

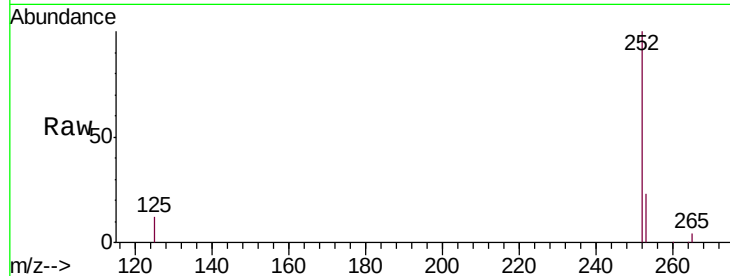
Tgt Ion:252 Resp: 33125

Ion Ratio Lower Upper

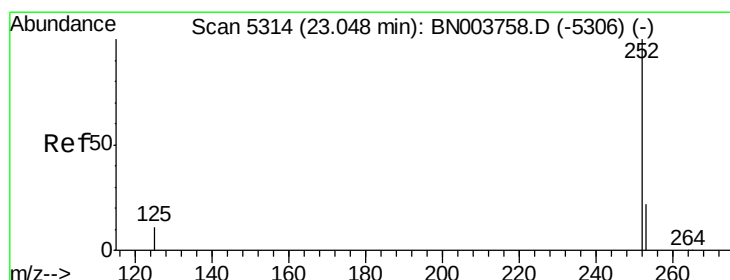
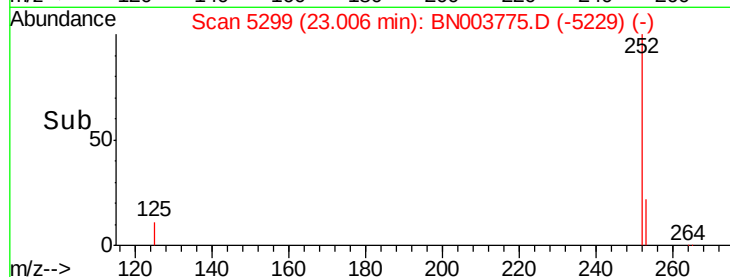
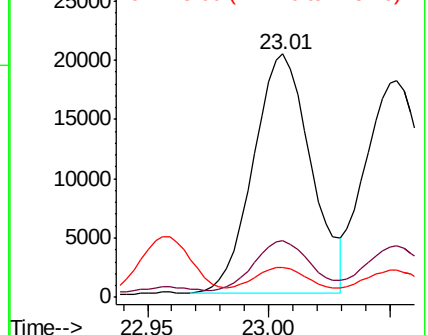
252 100

253 23.3 0.0 46.0

125 12.4 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: 0.405 ng/ul

RT: 23.05 min Scan# 5315

Delta R.T. 0.00 min

Lab File: BN003775.D

Acq: 10 Dec 2018 11:50

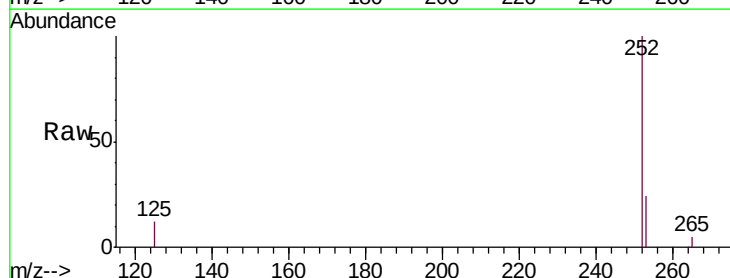
Tgt Ion:252 Resp: 32117

Ion Ratio Lower Upper

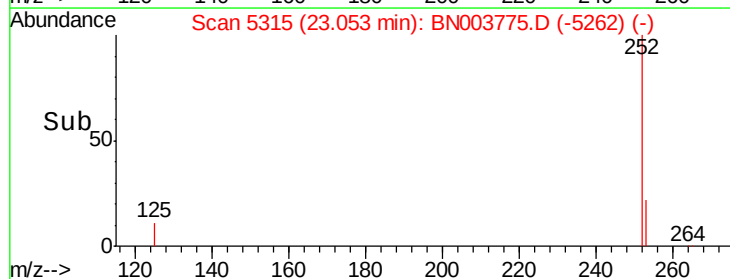
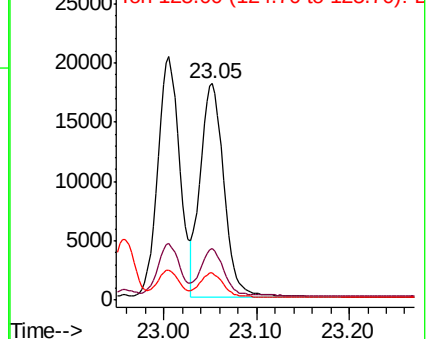
252 100

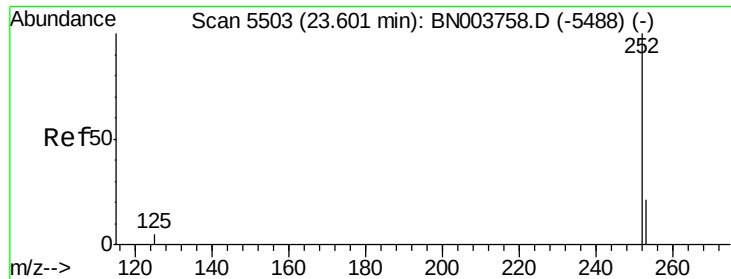
253 23.5 18.5 27.7

125 12.5 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: 0.419 ng/ul

RT: 23.61 min Scan# 5504

Delta R.T. 0.00 min

Lab File: BN003775.D

Acq: 10 Dec 2018 11:50

Instrument :

BNA_N

ClientSampleId :

SSTD0.494

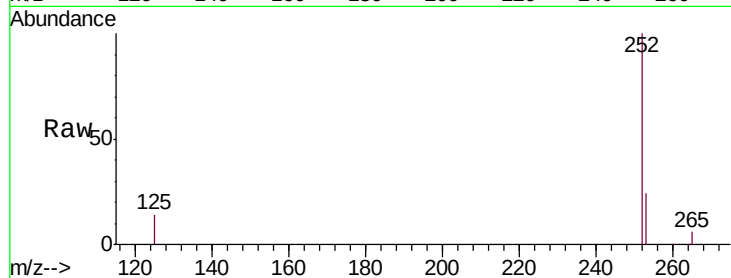
Tgt Ion:252 Resp: 29555

Ion Ratio Lower Upper

252 100

253 23.9 19.0 28.4

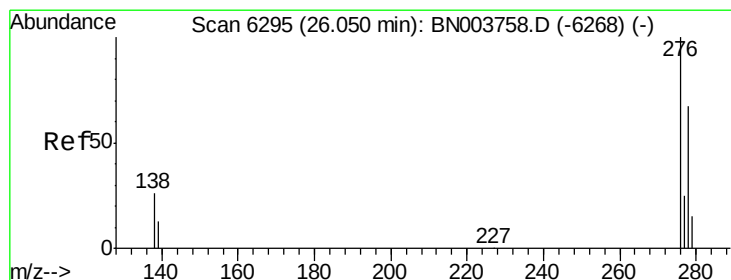
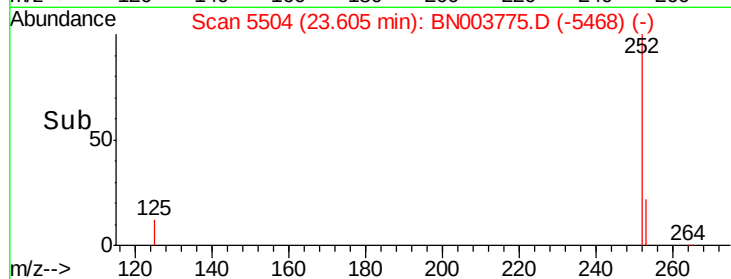
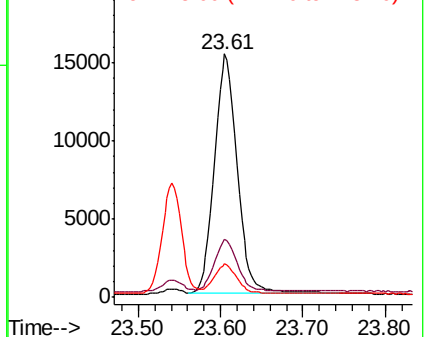
125 13.9 10.2 15.4



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: 0.392 ng/ul

RT: 26.05 min Scan# 6295

Delta R.T. 0.00 min

Lab File: BN003775.D

Acq: 10 Dec 2018 11:50

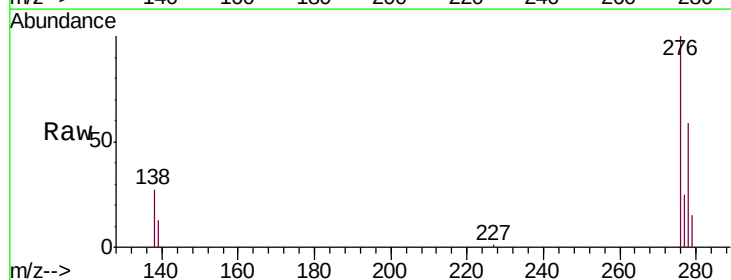
Tgt Ion:276 Resp: 31636

Ion Ratio Lower Upper

276 100

138 26.8 20.3 30.5

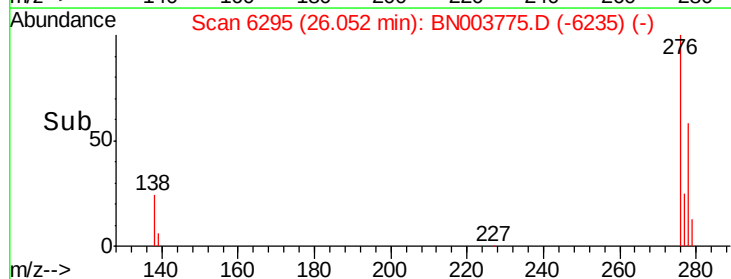
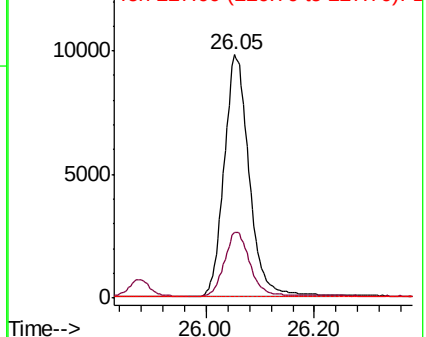
227 0.2 0.2 0.2

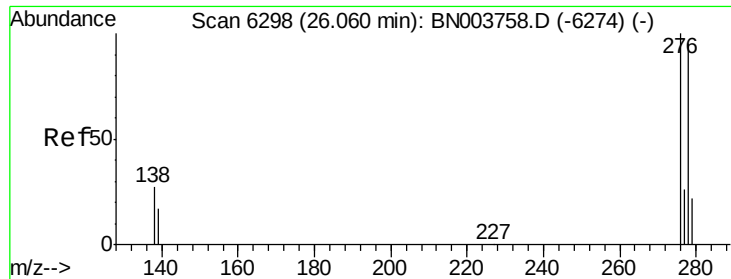


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

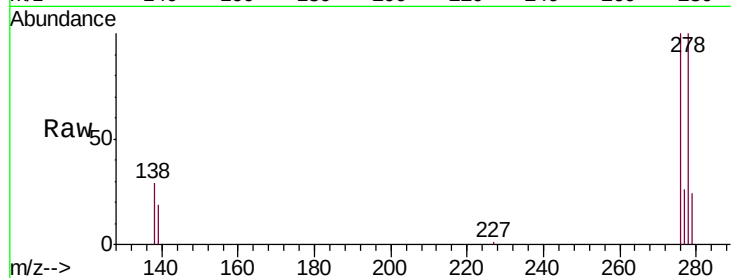




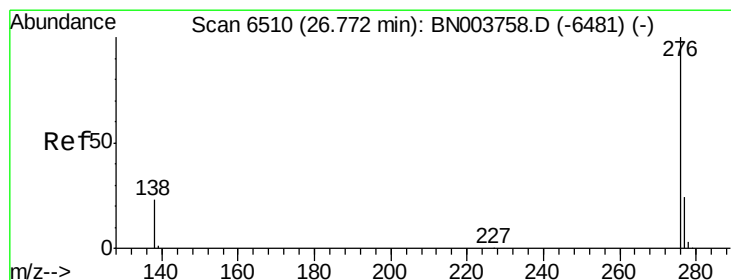
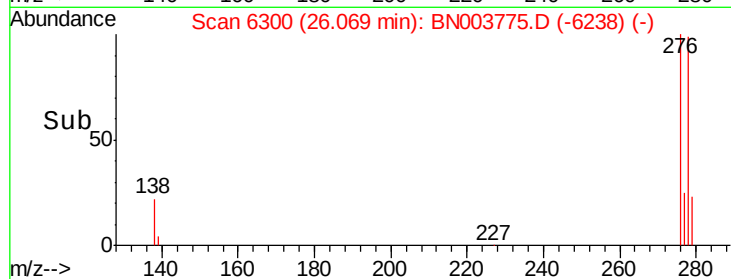
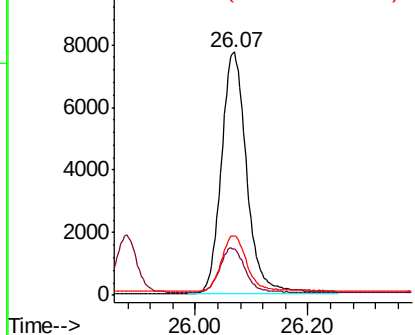
#25
Dibenzo(a,h)anthracene
Concen: 0.372 ng/ul
RT: 26.07 min Scan# 6300
Delta R.T. 0.01 min
Lab File: BN003775.D
Acq: 10 Dec 2018 11:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.494

Tgt Ion:278 Resp: 24169
Ion Ratio Lower Upper
278 100
139 19.4 14.2 21.4
279 24.2 19.8 29.6

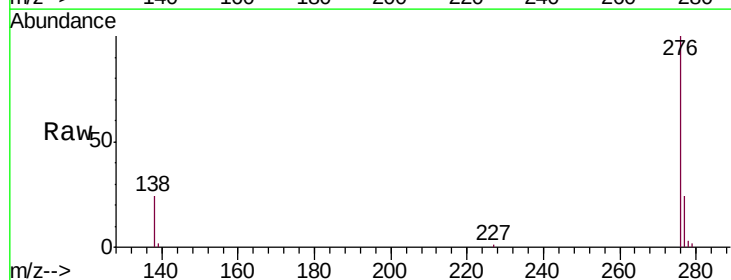


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.393 ng/ul
RT: 26.78 min Scan# 6511
Delta R.T. 0.00 min
Lab File: BN003775.D
Acq: 10 Dec 2018 11:50

Tgt Ion:276 Resp: 27568
Ion Ratio Lower Upper
276 100
138 24.0 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

