

Data File : BN003788.D
Acq On : 10 Dec 2018 21:14
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.495

Quant Time: Dec 11 03:46:02 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 : Tue Dec 11 03:42:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4283	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	16953	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	8566	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	19087	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	16226	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	13863	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	9487	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	19090	0.34	ng/ul	0.00

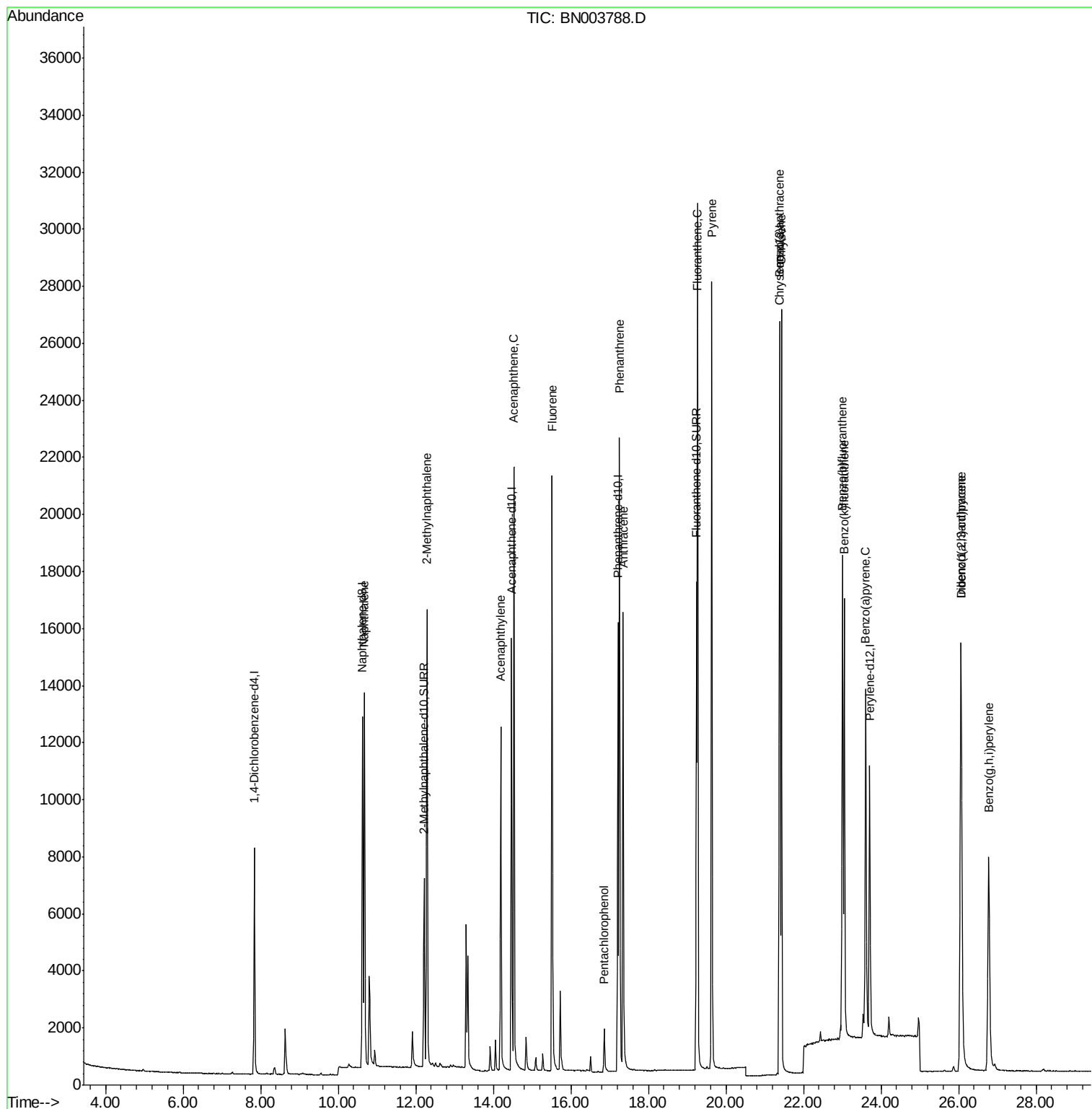
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.68	128	18307	0.384	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	12587	0.379	ng/ul	99
7) Acenaphthylene	14.19	152	14821	0.384	ng/ul	100
8) Acenaphthene	14.53	153	13075	0.387	ng/ul	99
9) Fluorene	15.52	166	14592	0.370	ng/ul	100
11) Pentachlorophenol	16.86	266	1258	0.366	ng/ul	97
12) Phenanthrene	17.26	178	24056	0.384	ng/ul	99
13) Anthracene	17.35	178	19623	0.381	ng/ul	100
15) Fluoranthene	19.27	202	26280	0.355	ng/ul	96
17) Pyrene	19.63	202	25637	0.441	ng/ul	99
18) Benzo(a)anthracene	21.38	228	20149	0.393	ng/ul	99
19) Chrysene	21.43	228	22676	0.387	ng/ul	100
21) Benzo(b)fluoranthene	23.00	252	22378	0.390	ng/ul	98
22) Benzo(k)fluoranthene	23.05	252	21394	0.383	ng/ul	97
23) Benzo(a)pyrene	23.60	252	19117	0.385	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.05	276	20849	0.366	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.07	278	16411	0.358	ng/ul	97
26) Benzo(g,h,i)perylene	26.78	276	18198	0.368	ng/ul	98

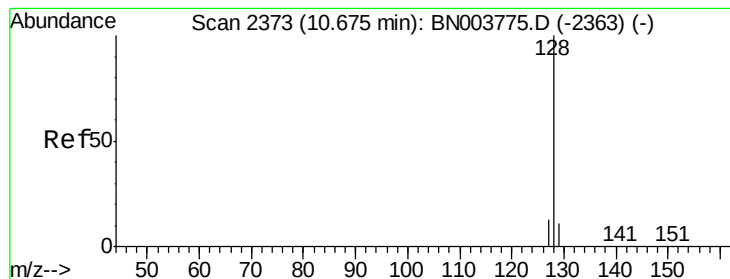
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 11 03:46:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.384 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BN003788.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_N

ClientSampleId :

SSTD0.495

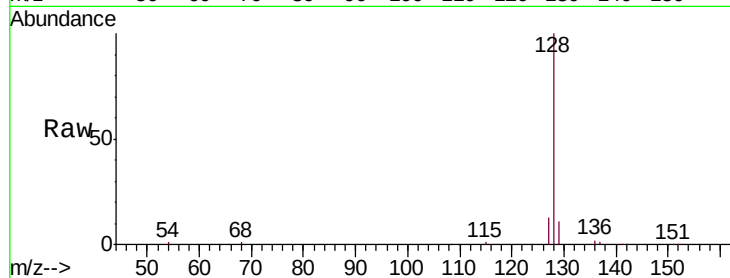
Tgt Ion:128 Resp: 18307

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

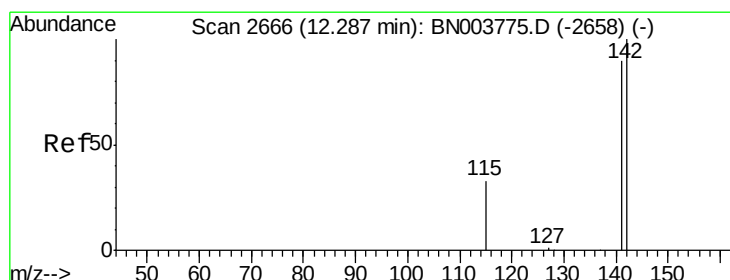
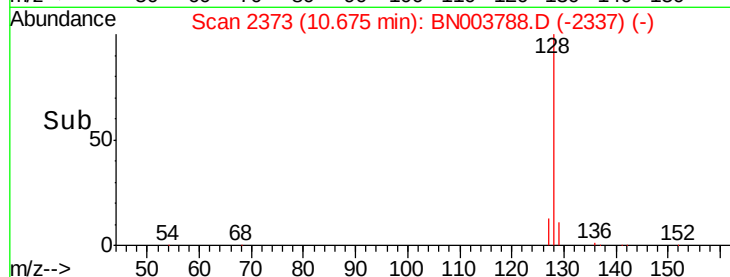
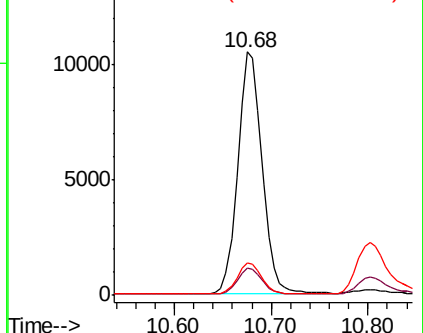
127 13.4 10.5 15.7



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: 0.379 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.01 min

Lab File: BN003788.D

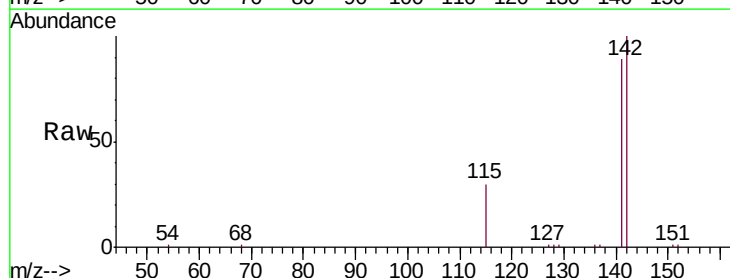
Acq: 10 Dec 2018 21:14

Tgt Ion:142 Resp: 12587

Ion Ratio Lower Upper

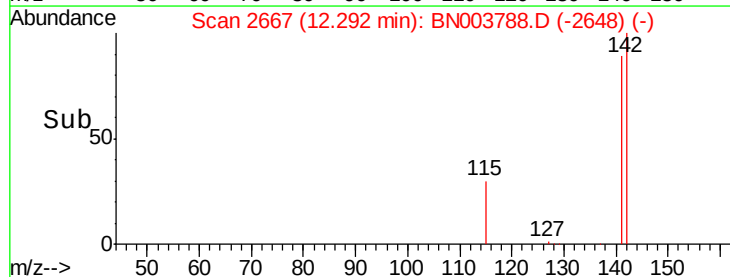
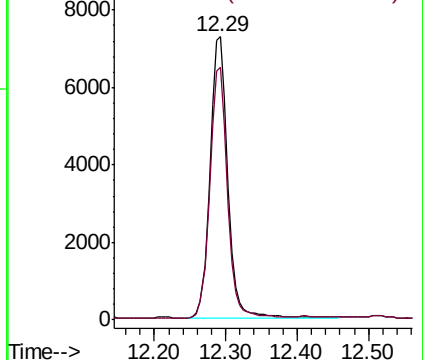
142 100

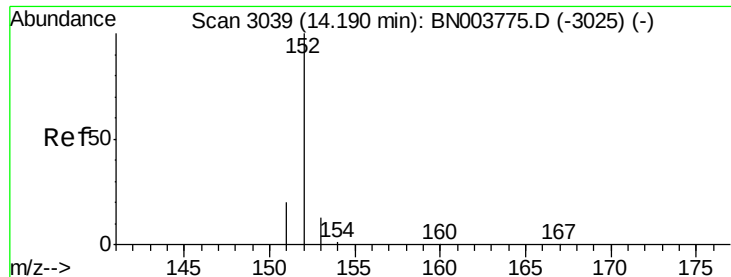
141 88.7 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.384 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BN003788.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_N

ClientSampleId :

SSTD0.495

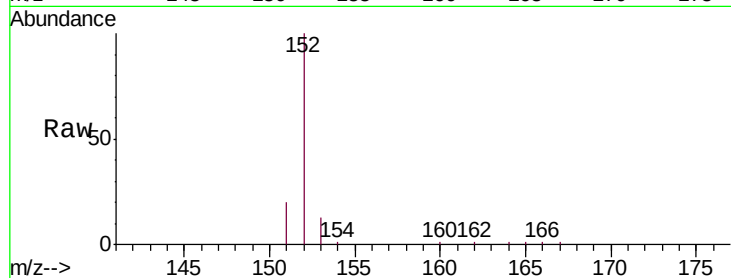
Tgt Ion:152 Resp: 14821

Ion Ratio Lower Upper

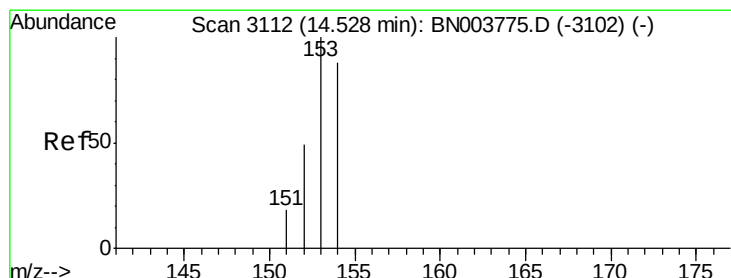
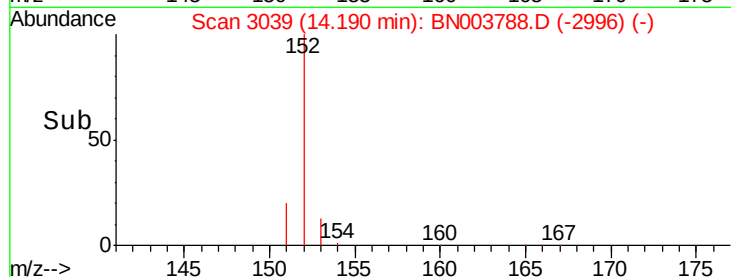
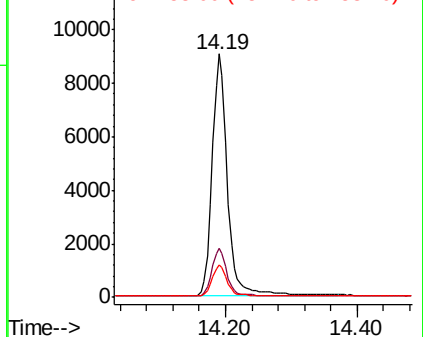
152 100

151 20.0 15.9 23.9

153 13.3 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: 0.387 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN003788.D

Acq: 10 Dec 2018 21:14

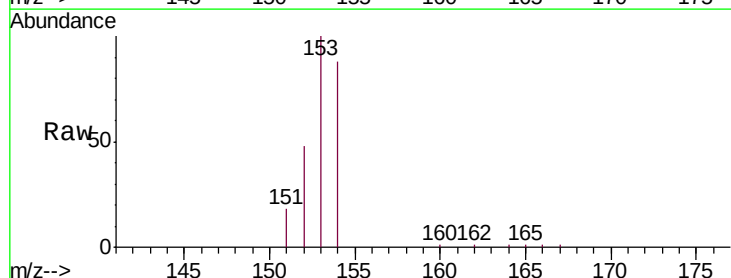
Tgt Ion:153 Resp: 13075

Ion Ratio Lower Upper

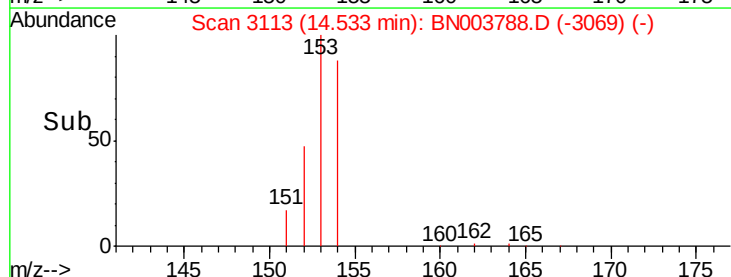
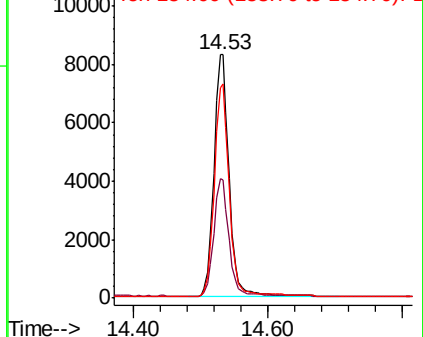
153 100

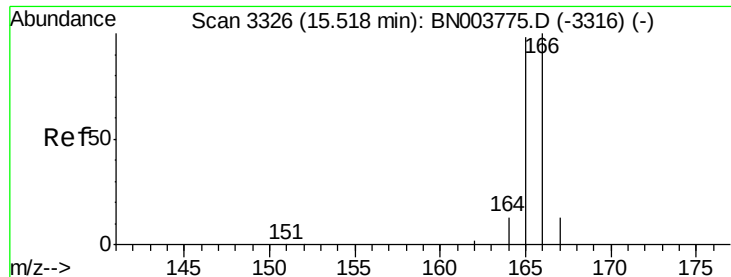
152 48.4 39.3 58.9

154 88.2 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: 0.370 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. 0.00 min

Lab File: BN003788.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_N

ClientSampleId :

SSTD0.495

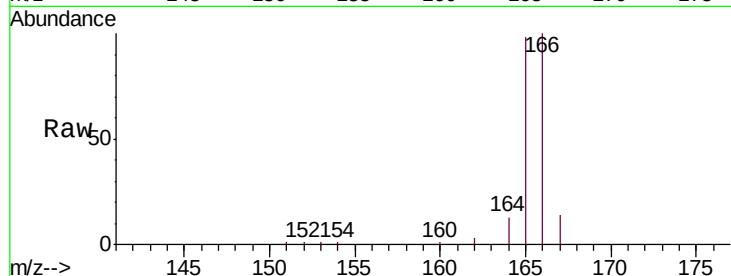
Tgt Ion:166 Resp: 14592

Ion Ratio Lower Upper

166 100

165 97.6 78.3 117.5

167 13.9 11.3 16.9

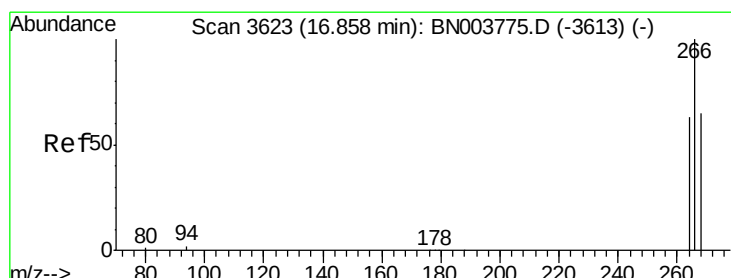
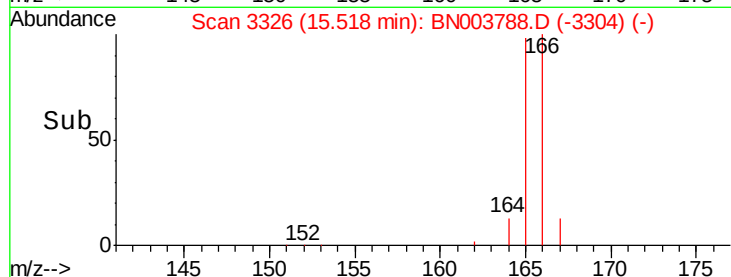
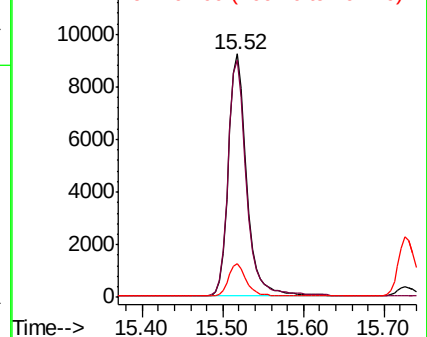


Abundance

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: 0.366 ng/ul

RT: 16.86 min Scan# 3623

Delta R.T. 0.00 min

Lab File: BN003788.D

Acq: 10 Dec 2018 21:14

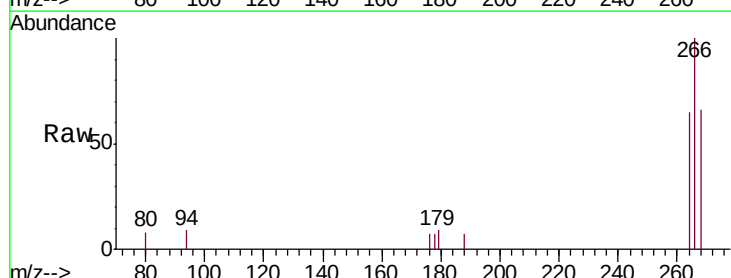
Tgt Ion:266 Resp: 1258

Ion Ratio Lower Upper

266 100

264 60.9 49.4 74.2

268 60.8 51.7 77.5

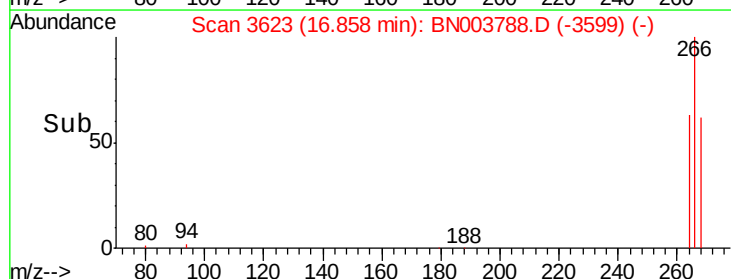
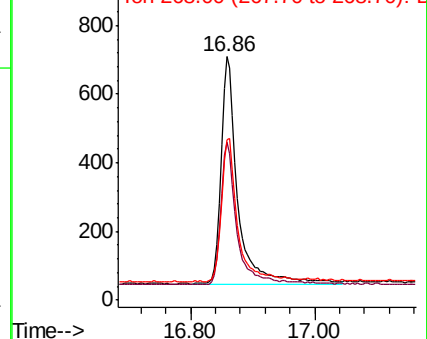


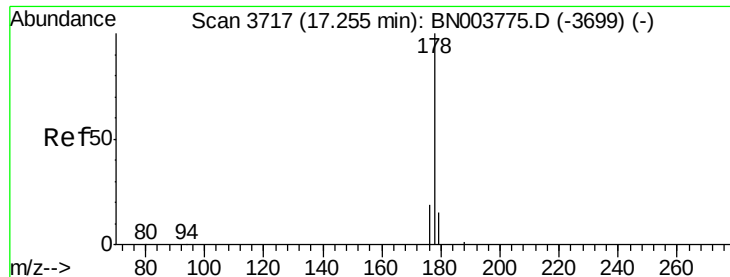
Abundance

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: 0.384 ng/ul

RT: 17.26 min Scan# 3717

Delta R.T. 0.00 min

Lab File: BN003788.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_N

ClientSampleId :

SSTD0.495

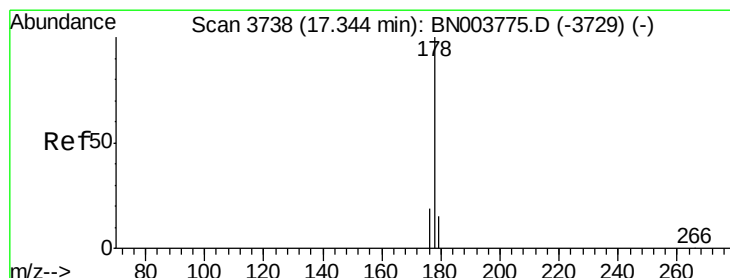
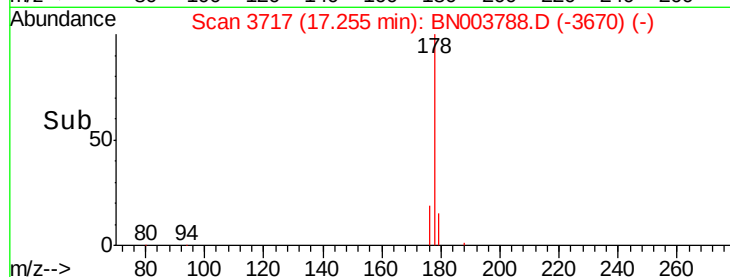
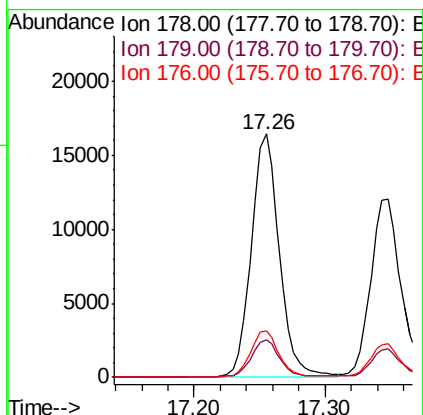
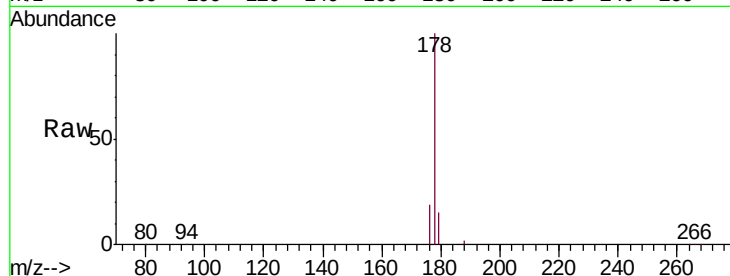
Tgt Ion:178 Resp: 24056

Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 19.2 15.0 22.4



#13

Anthracene

Concen: 0.381 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. 0.00 min

Lab File: BN003788.D

Acq: 10 Dec 2018 21:14

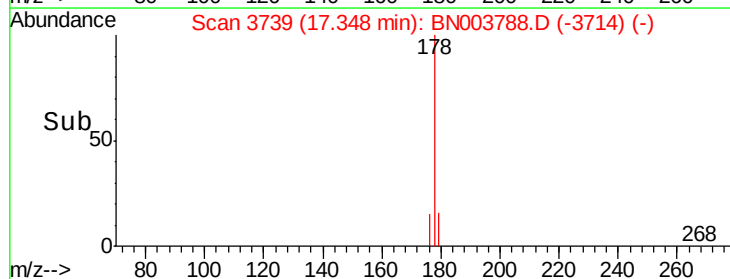
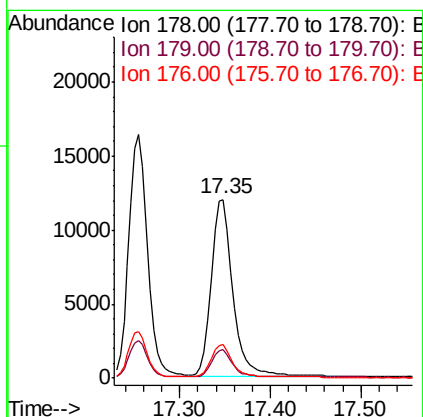
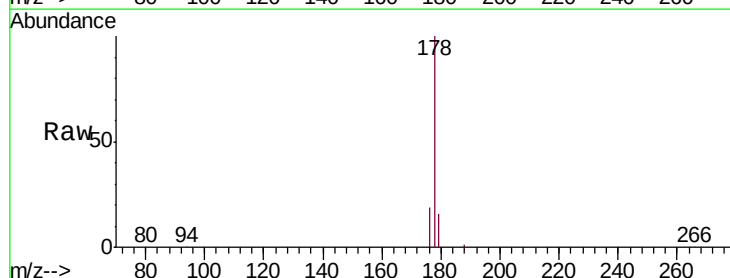
Tgt Ion:178 Resp: 19623

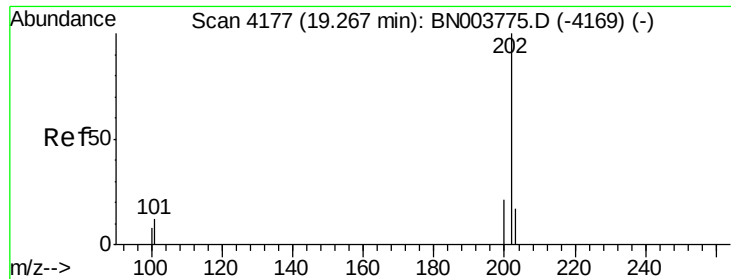
Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 18.6 14.8 22.2

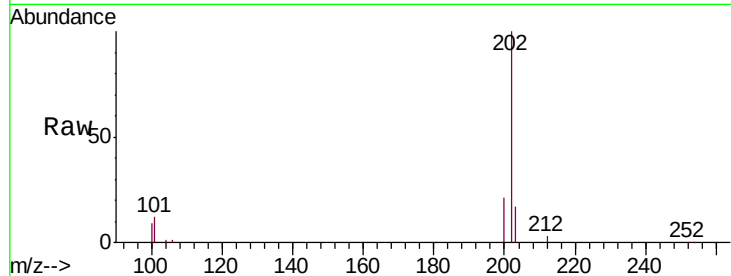




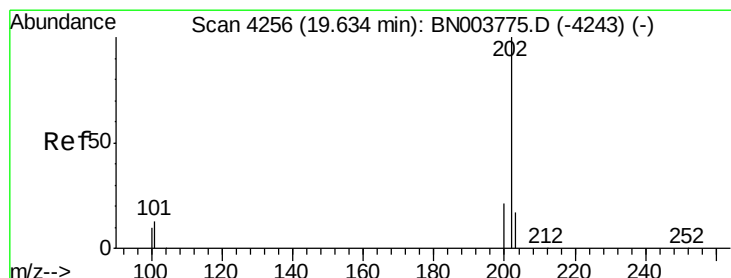
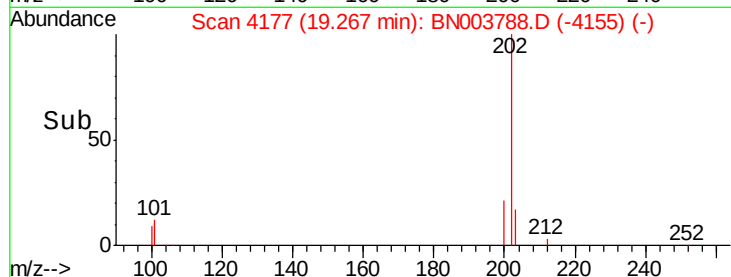
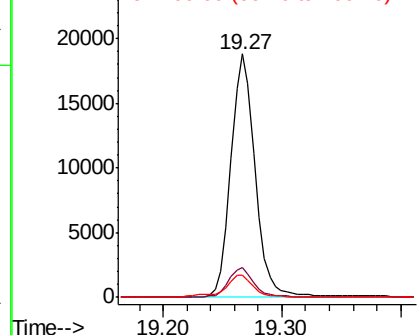
#15
Fluoranthene
 Concen: 0.355 ng/ul
 RT: 19.27 min Scan# 4177
 Delta R.T. 0.00 min
 Lab File: BN003788.D
 Acq: 10 Dec 2018 21:14

Instrument :
 BNA_N
 ClientSampleId :
 SST0.495

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	30.7
100	9.2	0.0	28.1

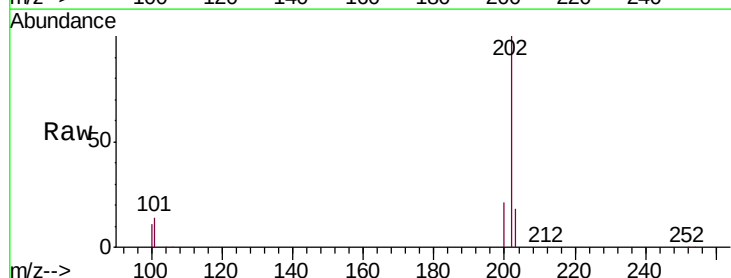


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

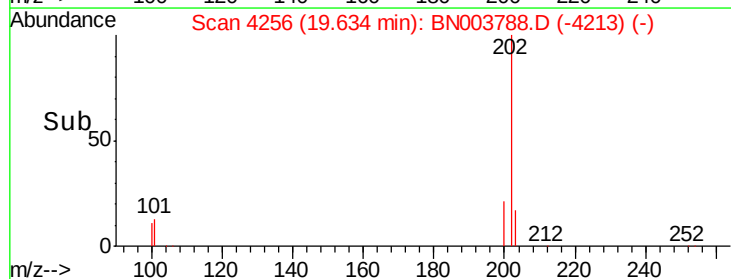
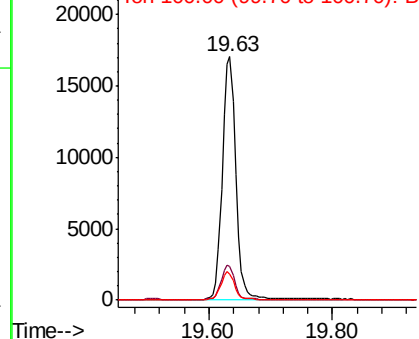


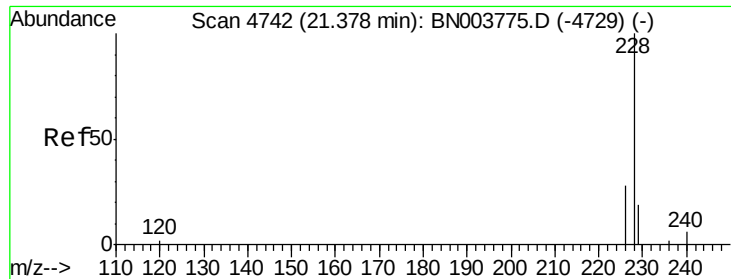
#17
Pyrene
 Concen: 0.441 ng/ul
 RT: 19.63 min Scan# 4256
 Delta R.T. 0.00 min
 Lab File: BN003788.D
 Acq: 10 Dec 2018 21:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.3	15.5
100	10.8	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: 0.393 ng/ul

RT: 21.38 min Scan# 4742

Delta R.T. -0.00 min

Lab File: BN003788.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_N

ClientSampleId :

SSTD0.495

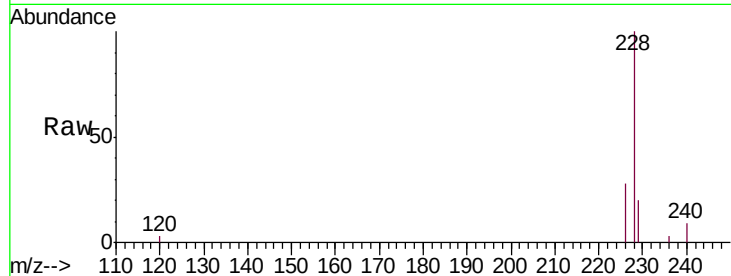
Tgt Ion:228 Resp: 20149

Ion Ratio Lower Upper

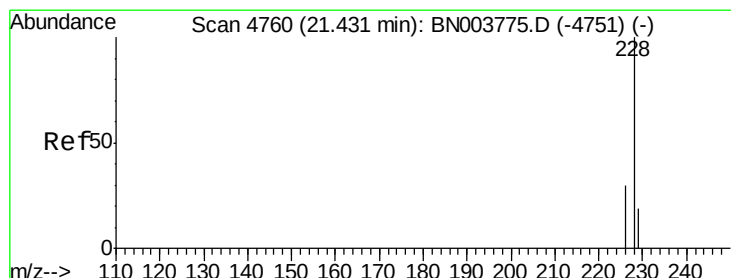
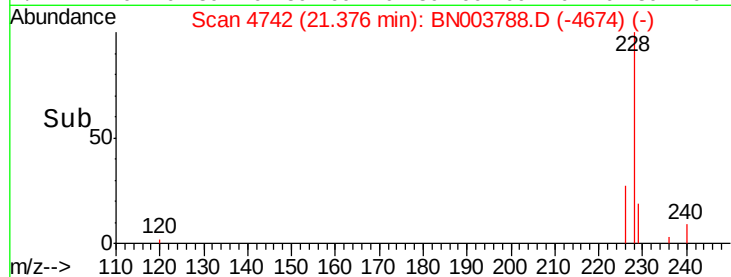
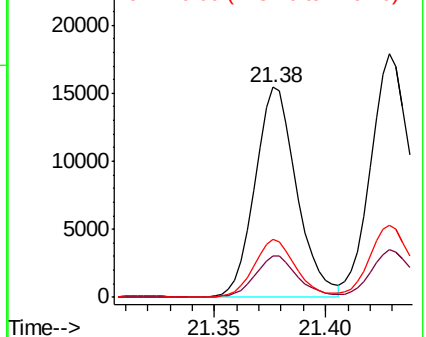
228 100

229 19.6 15.6 23.4

226 27.7 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: 0.387 ng/ul

RT: 21.43 min Scan# 4760

Delta R.T. -0.00 min

Lab File: BN003788.D

Acq: 10 Dec 2018 21:14

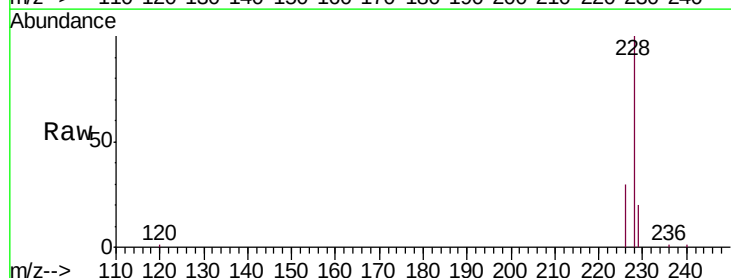
Tgt Ion:228 Resp: 22676

Ion Ratio Lower Upper

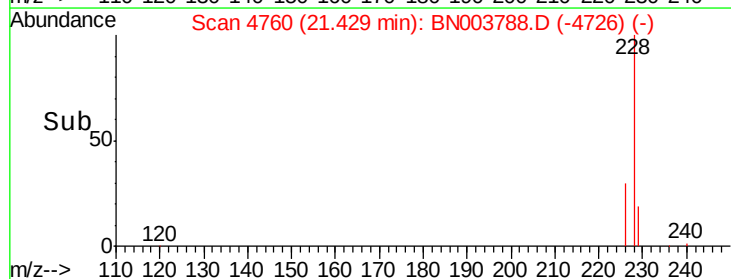
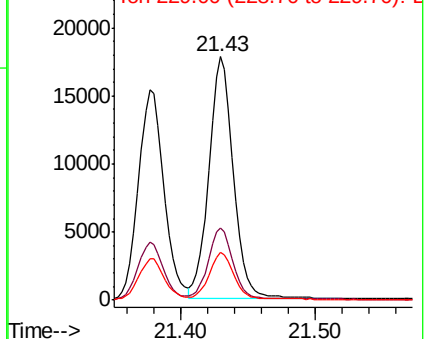
228 100

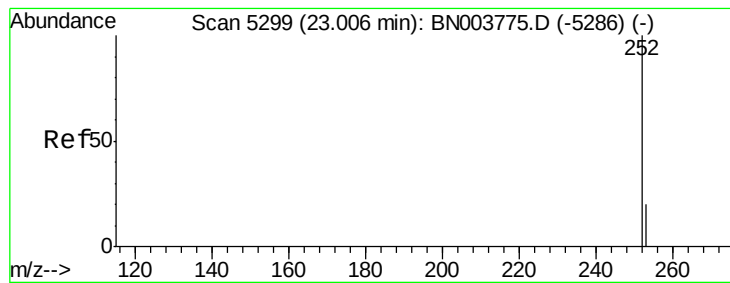
226 29.8 24.0 36.0

229 19.6 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: 0.390 ng/ul

RT: 23.00 min Scan# 5299

Delta R.T. -0.00 min

Lab File: BN003788.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_N

ClientSampleId :

SSTD0.495

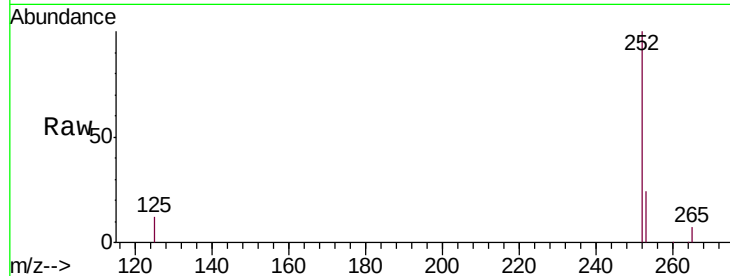
Tgt Ion:252 Resp: 22378

Ion Ratio Lower Upper

252 100

253 24.1 0.0 46.0

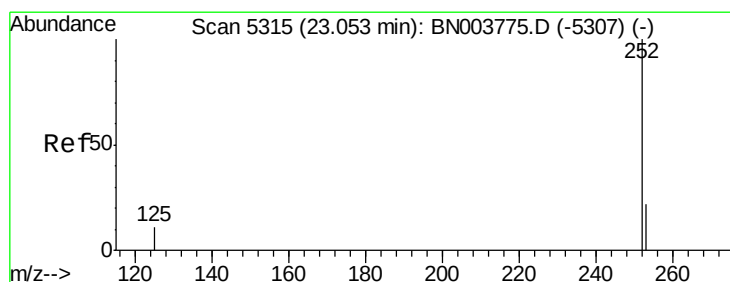
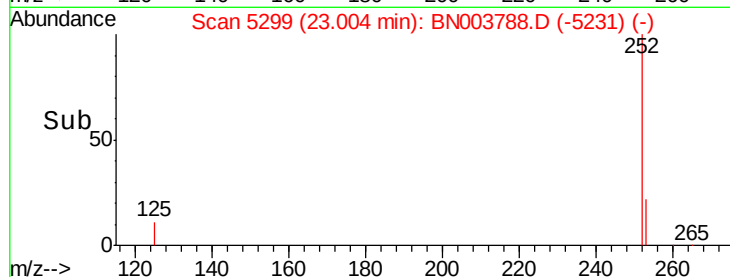
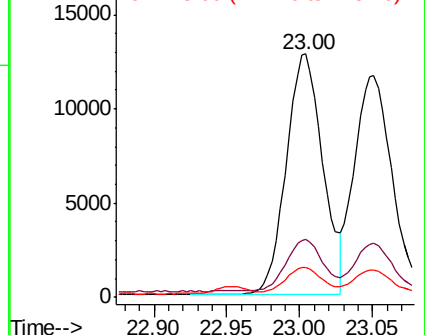
125 12.4 0.0 22.4



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: 0.383 ng/ul

RT: 23.05 min Scan# 5315

Delta R.T. -0.00 min

Lab File: BN003788.D

Acq: 10 Dec 2018 21:14

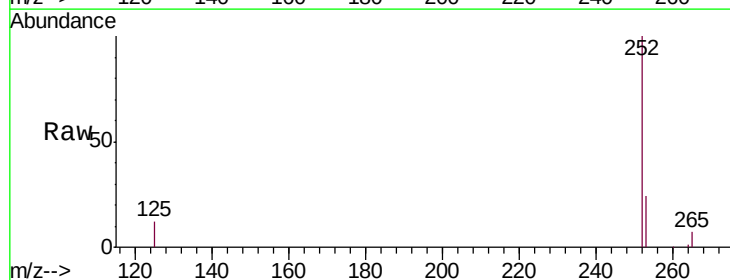
Tgt Ion:252 Resp: 21394

Ion Ratio Lower Upper

252 100

253 24.3 18.5 27.7

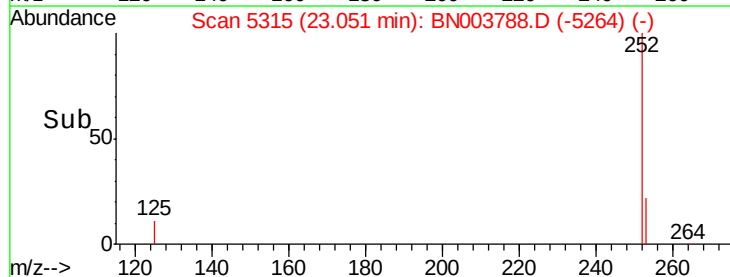
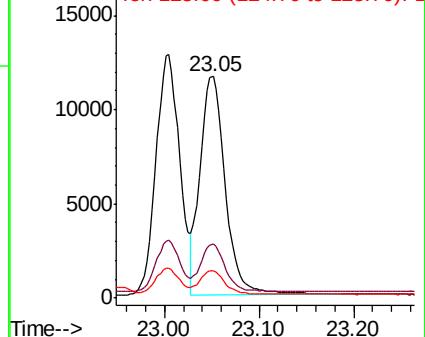
125 12.5 9.0 13.6

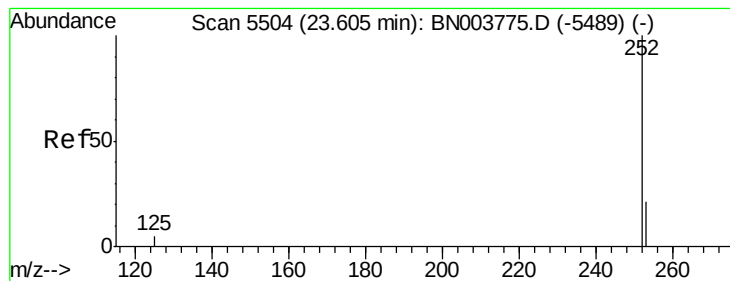


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.385 ng/ul

RT: 23.60 min Scan# 5504

Delta R.T. -0.00 min

Lab File: BN003788.D

Acq: 10 Dec 2018 21:14

Instrument :

BNA_N

ClientSampleId :

SSTD0.495

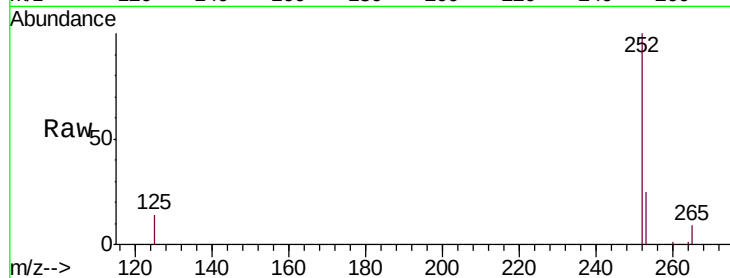
Tgt Ion:252 Resp: 19117

Ion Ratio Lower Upper

252 100

253 25.2 19.0 28.4

125 13.8 10.2 15.4

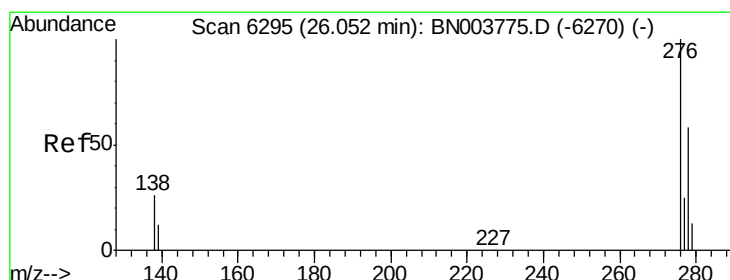
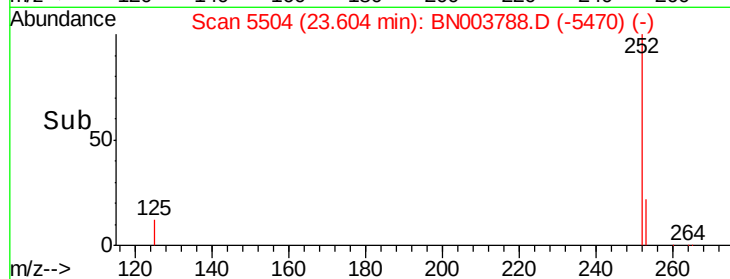
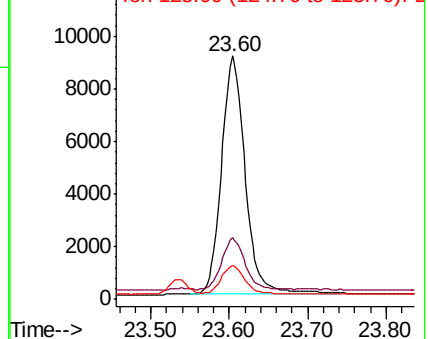


Abundance

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: 0.366 ng/ul

RT: 26.05 min Scan# 6296

Delta R.T. 0.00 min

Lab File: BN003788.D

Acq: 10 Dec 2018 21:14

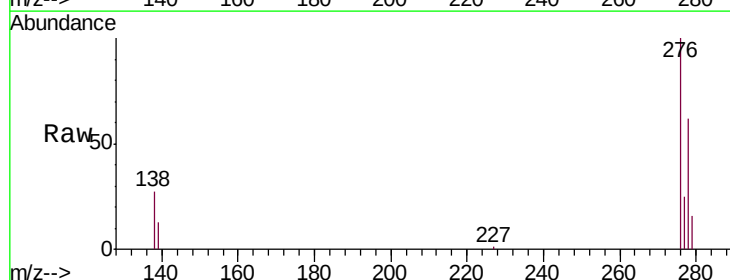
Tgt Ion:276 Resp: 20849

Ion Ratio Lower Upper

276 100

138 27.1 20.3 30.5

227 0.1 0.2 0.2#

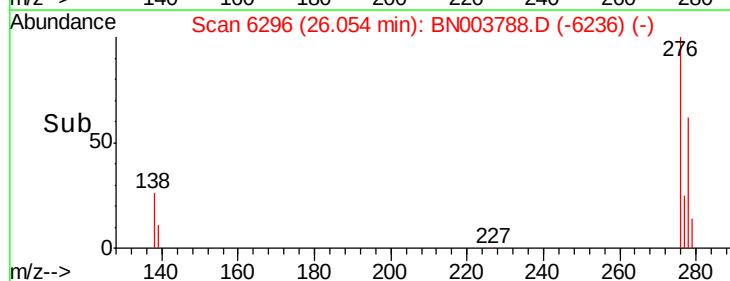
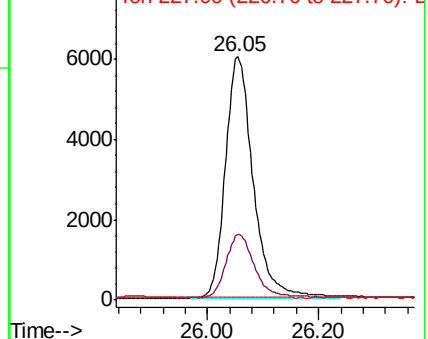


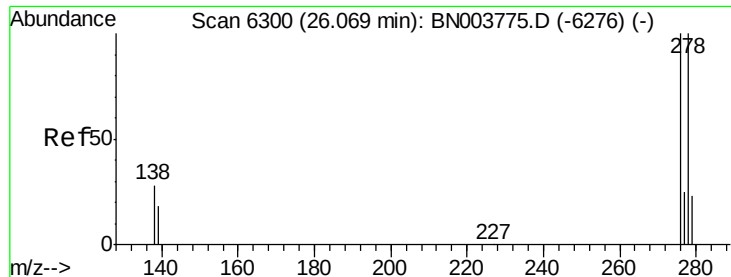
Abundance

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



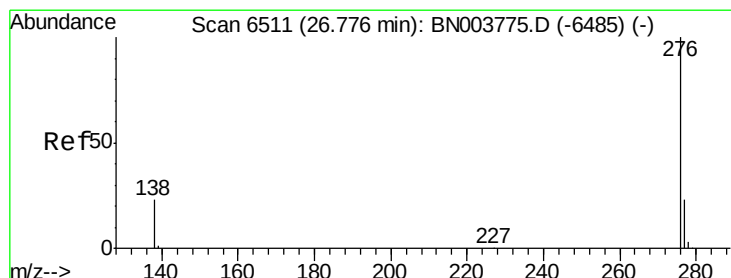
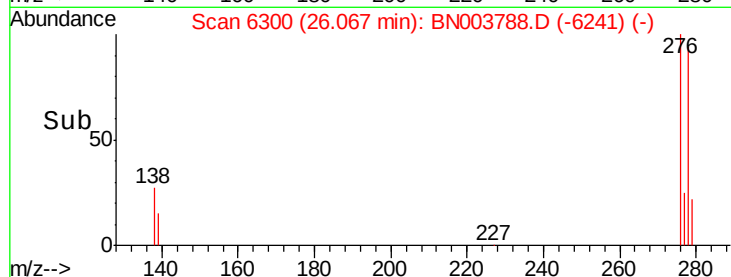
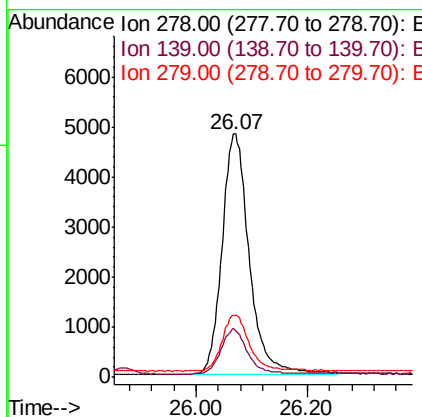
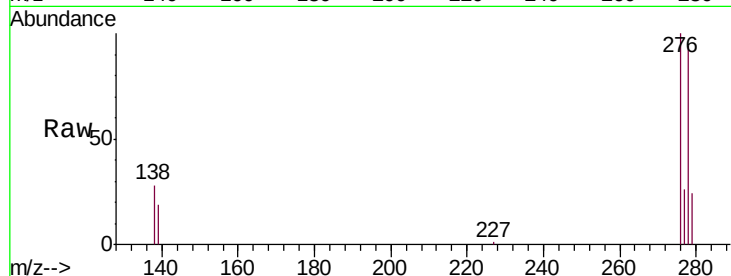


#25
Dibenzo(a,h)anthracene
Concen: 0.358 ng/ul
RT: 26.07 min Scan# 6300
Delta R.T. -0.00 min
Lab File: BN003788.D
Acq: 10 Dec 2018 21:14

Instrument :
BNA_N
ClientSampleId :
SSTD0.495

Tgt Ion: 278 Resp: 16411

Ion	Ratio	Lower	Upper
278	100		
139	20.1	14.2	21.4
279	25.6	19.8	29.6



#26
Benzo(g,h,i)perylene
Concen: 0.368 ng/ul
RT: 26.78 min Scan# 6512
Delta R.T. 0.00 min
Lab File: BN003788.D
Acq: 10 Dec 2018 21:14

Tgt Ion: 276 Resp: 18198

Ion	Ratio	Lower	Upper
276	100		
138	24.1	17.7	26.5
277	24.3	19.3	28.9

