

Data File : BN004034.D
Acq On : 17 Dec 2018 14:15
Operator : JU/SJ
Sample : SSTDC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DFTPP71

Quant Time: Dec 18 00:11:19 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1280	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	6780	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4113	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	10381	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	12543	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	11459	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4301	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	13847	0.46	ng/ul	0.00

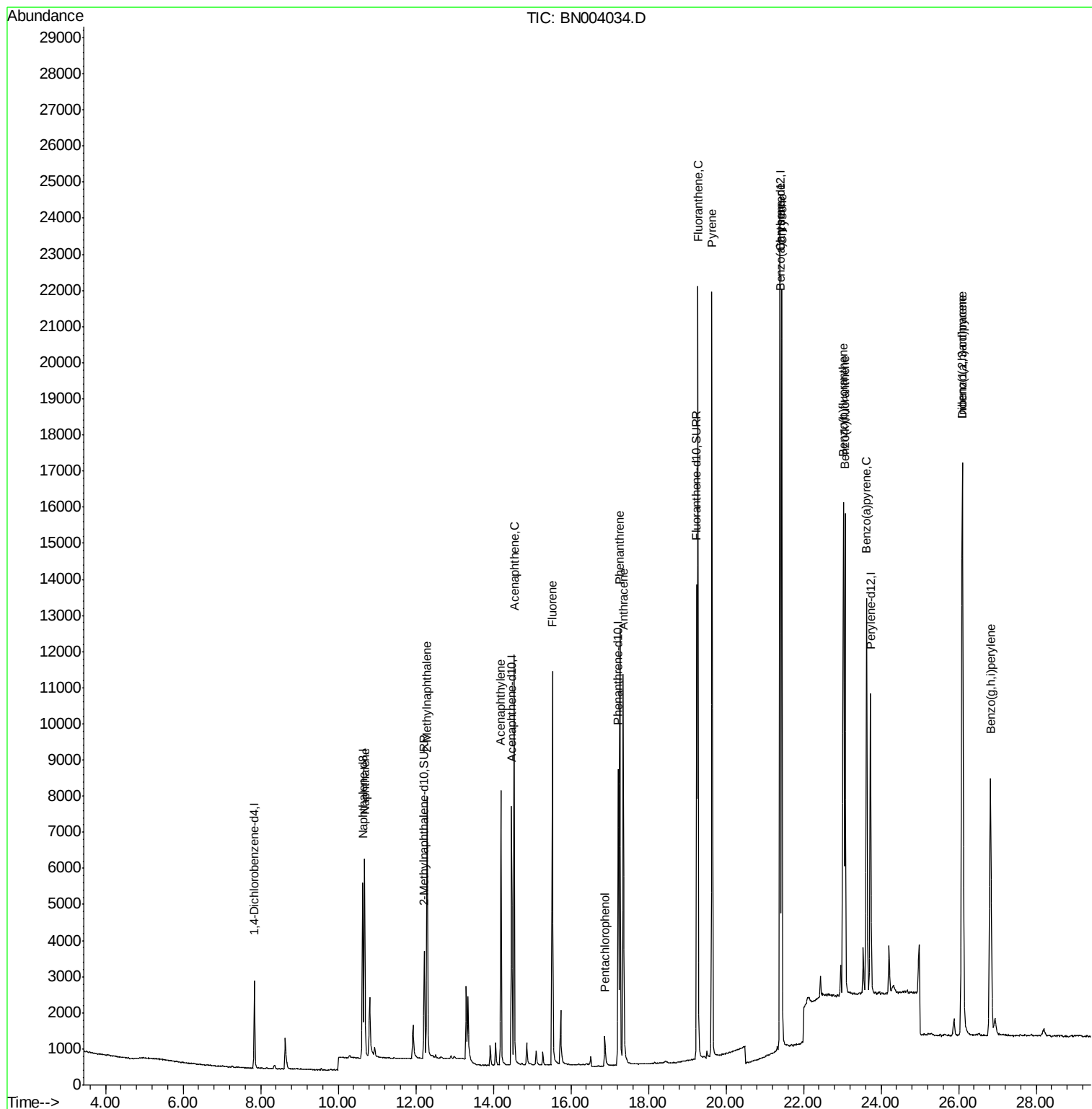
Target Compounds					Qvalue
3) Naphthalene	10.68	128	7644	0.401	ng/ul 98
5) 2-Methylnaphthalene	12.29	142	5656	0.425	ng/ul 99
7) Acenaphthylene	14.19	152	8812	0.476	ng/ul 99
8) Acenaphthene	14.53	153	6621	0.408	ng/ul 99
9) Fluorene	15.52	166	7657	0.405	ng/ul 100
11) Pentachlorophenol	16.87	266	845	0.452	ng/ul 97
12) Phenanthrene	17.26	178	13526	0.397	ng/ul 98
13) Anthracene	17.35	178	13097	0.468	ng/ul 98
15) Fluoranthene	19.28	202	18225	0.453	ng/ul 96
17) Pyrene	19.64	202	18710	0.416	ng/ul 97
18) Benzo(a)anthracene	21.39	228	18292	0.462	ng/ul 97
19) Chrysene	21.44	228	17600	0.388	ng/ul 99
21) Benzo(b)fluoranthene	23.02	252	17290	0.365	ng/ul 94
22) Benzo(k)fluoranthene	23.07	252	17351	0.376	ng/ul# 94
23) Benzo(a)pyrene	23.63	252	16406	0.400	ng/ul# 94
24) Indeno(1,2,3-cd)pyrene	26.09	276	18725	0.398	ng/ul# 97
25) Dibenzo(a,h)anthracene	26.10	278	15317	0.404	ng/ul 94
26) Benzo(g,h,i)perylene	26.82	276	15822	0.387	ng/ul 94

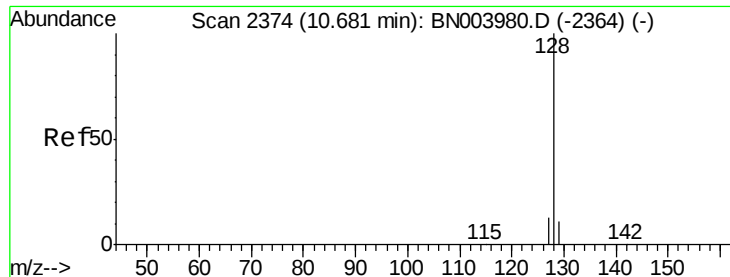
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
ClientSampleId :
DFTPP71

Quant Time: Dec 18 00:11:19 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 : Mon Dec 17 06:22:23 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.401 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BN004034.D

Acq: 17 Dec 2018 14:15

Instrument :

BNA_N

ClientSampleId :

DFTPP71

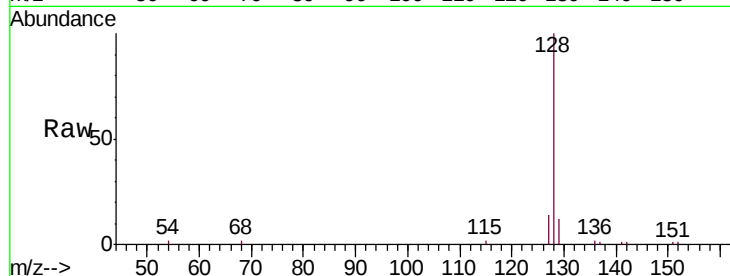
Tgt Ion:128 Resp: 7644

Ion Ratio Lower Upper

128 100

129 12.3 9.0 13.6

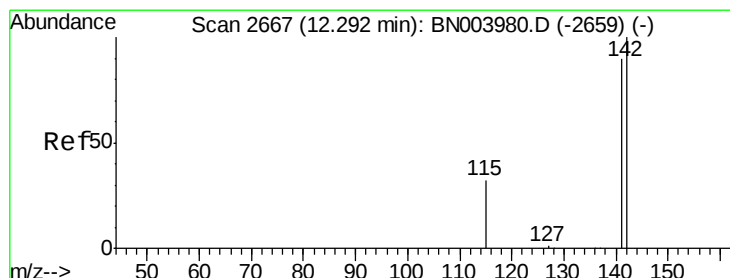
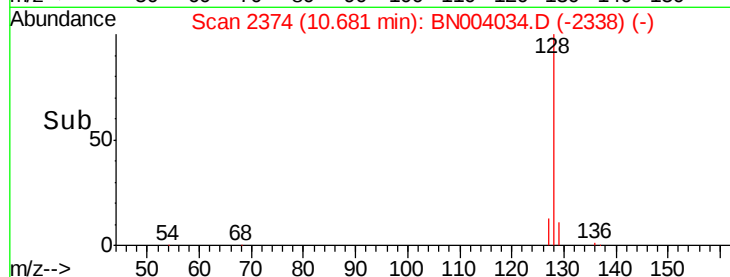
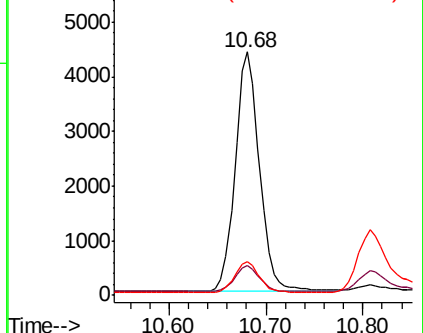
127 14.0 10.5 15.7



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: 0.425 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN004034.D

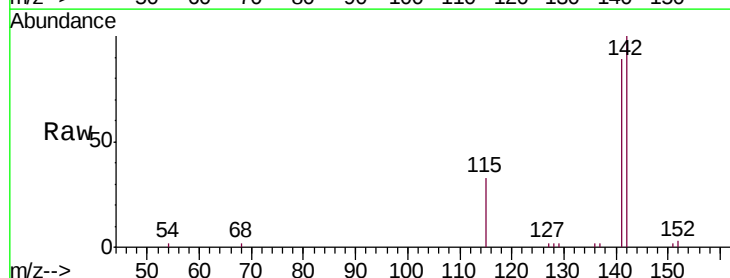
Acq: 17 Dec 2018 14:15

Tgt Ion:142 Resp: 5656

Ion Ratio Lower Upper

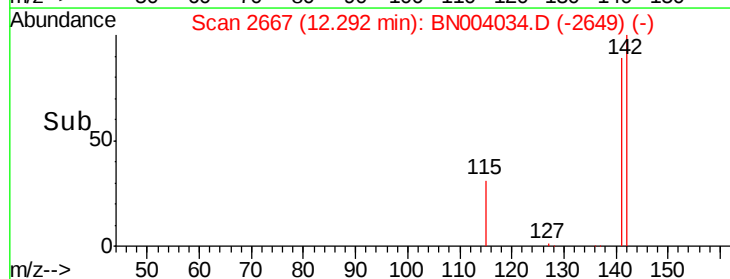
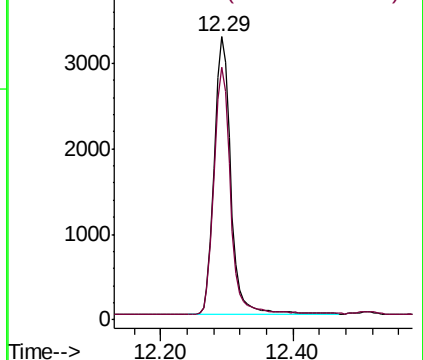
142 100

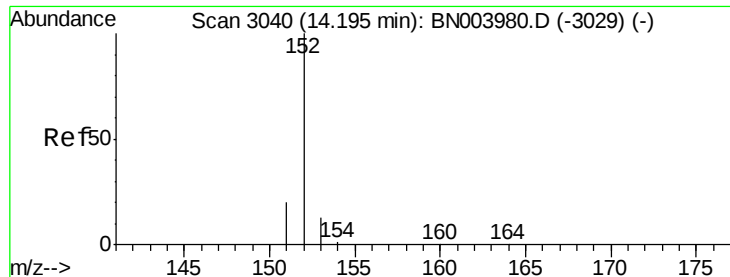
141 89.9 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.476 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN004034.D

Acq: 17 Dec 2018 14:15

Instrument :

BNA_N

ClientSampleId :

DFTPP71

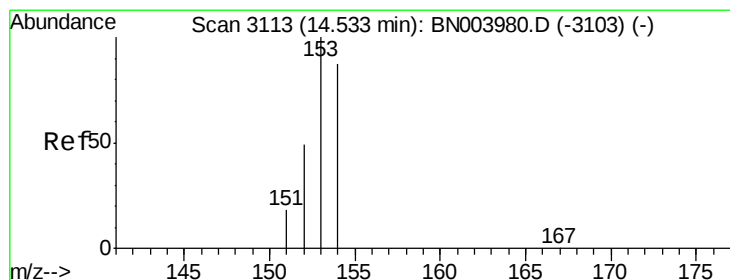
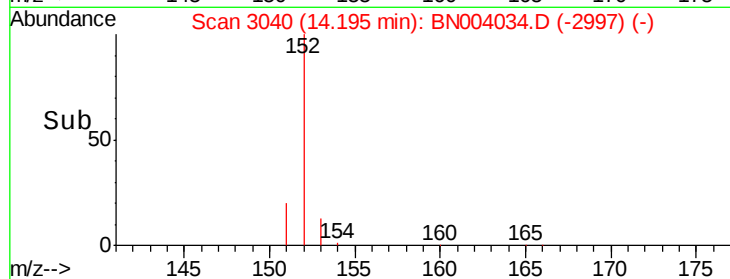
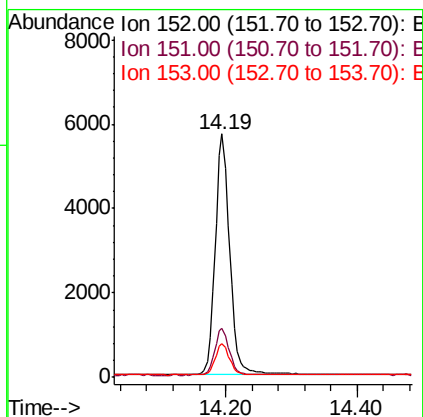
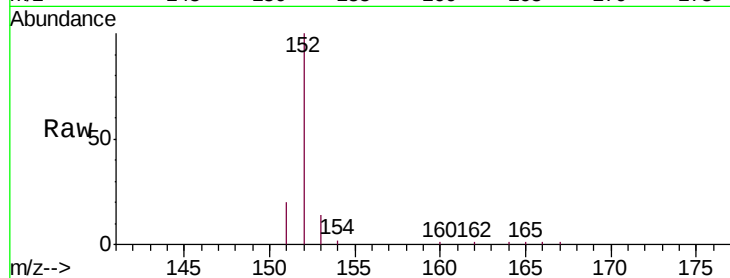
Tgt Ion:152 Resp: 8812

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.9 10.7 16.1



#8

Acenaphthene

Concen: 0.408 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN004034.D

Acq: 17 Dec 2018 14:15

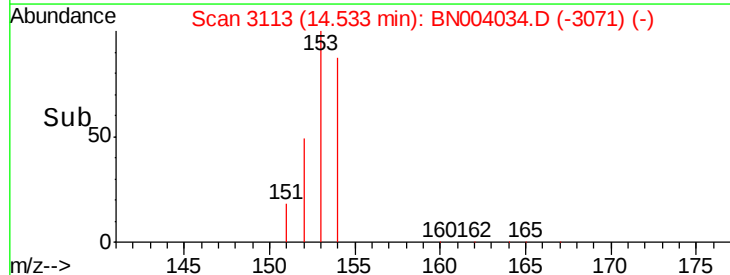
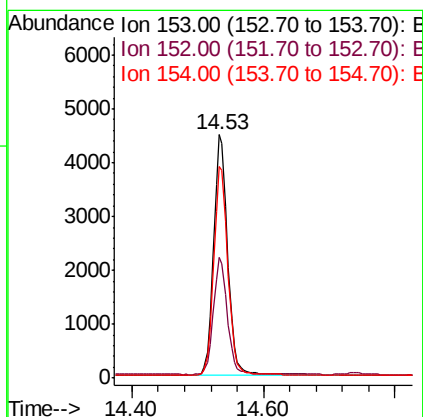
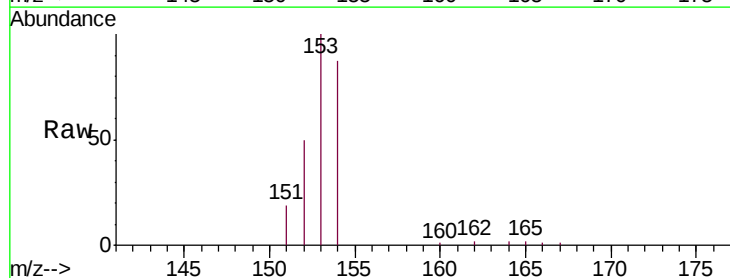
Tgt Ion:153 Resp: 6621

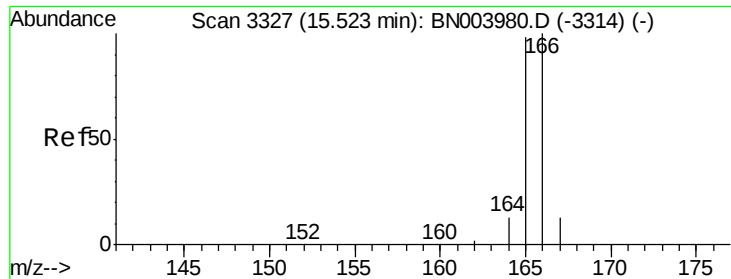
Ion Ratio Lower Upper

153 100

152 49.7 39.3 58.9

154 86.8 70.3 105.5





#9

Fluorene

Concen: 0.405 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. -0.00 min

Lab File: BN004034.D

Acq: 17 Dec 2018 14:15

Instrument :

BNA_N

ClientSampleId :

DFTPP71

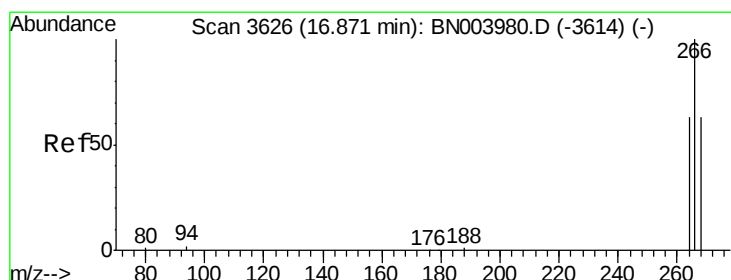
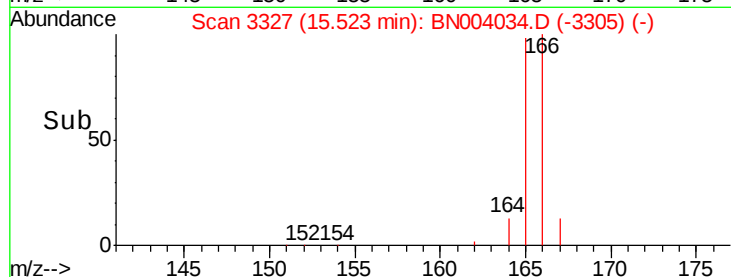
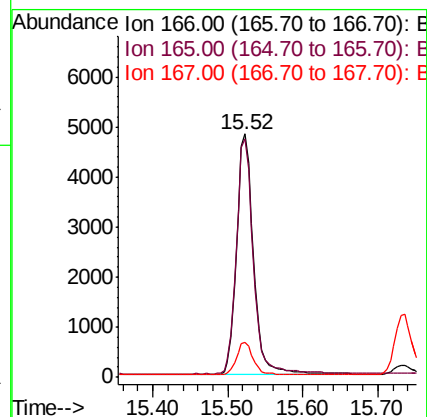
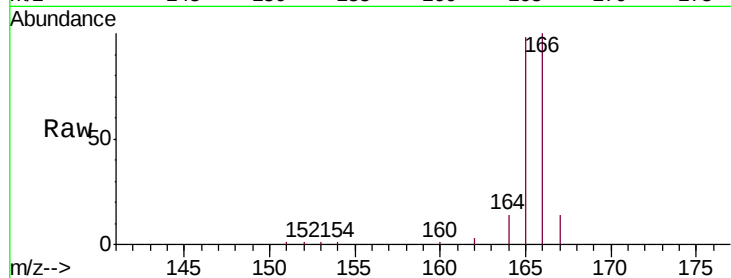
Tgt Ion:166 Resp: 7657

Ion Ratio Lower Upper

166 100

165 98.0 78.3 117.5

167 14.2 11.3 16.9



#11

Pentachlorophenol

Concen: 0.452 ng/ul

RT: 16.87 min Scan# 3627

Delta R.T. -0.00 min

Lab File: BN004034.D

Acq: 17 Dec 2018 14:15

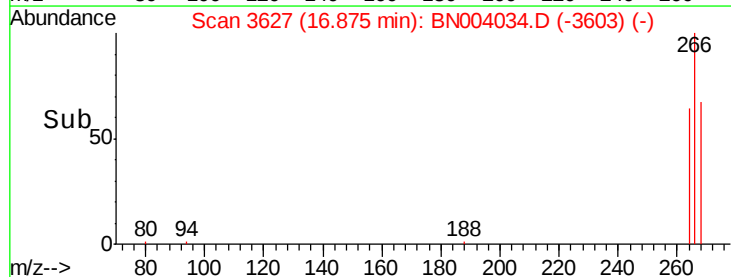
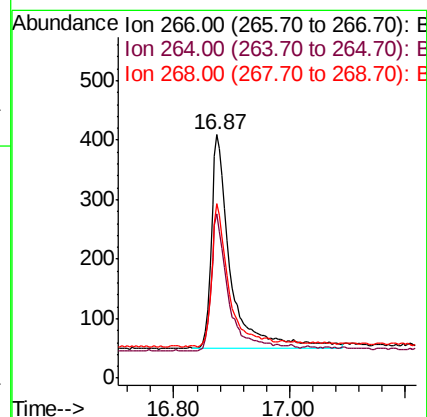
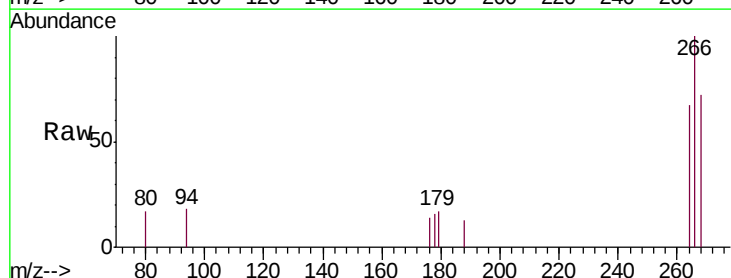
Tgt Ion:266 Resp: 845

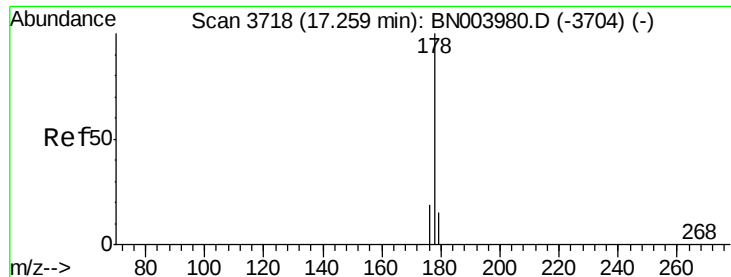
Ion Ratio Lower Upper

266 100

264 59.3 49.4 74.2

268 62.4 51.7 77.5





#12

Phenanthrene

Concen: 0.397 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN004034.D

Acq: 17 Dec 2018 14:15

Instrument :

BNA_N

ClientSampleId :

DFTPP71

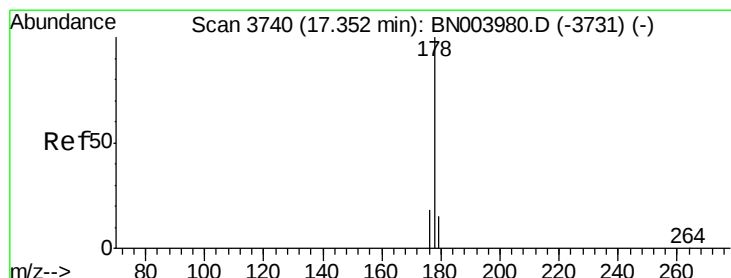
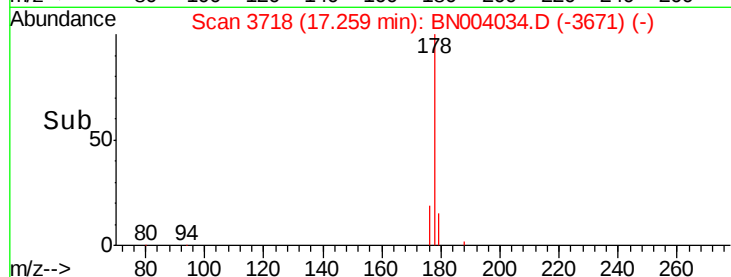
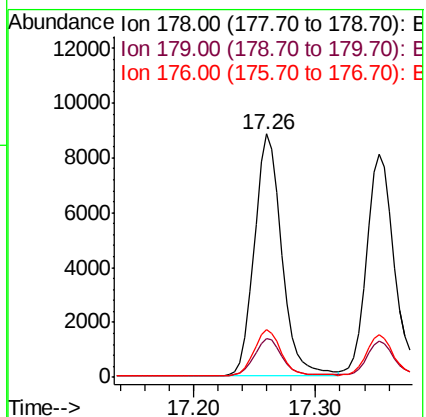
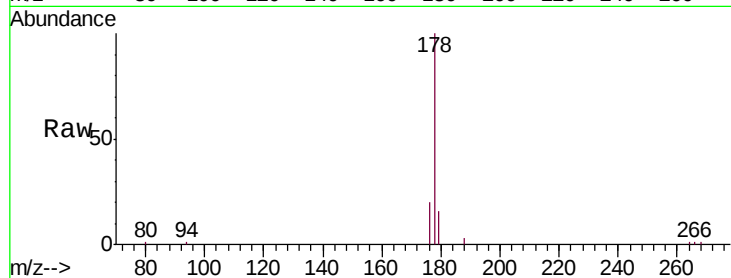
Tgt Ion:178 Resp: 13526

Ion Ratio Lower Upper

178 100

179 16.1 12.5 18.7

176 19.5 15.0 22.4



#13

Anthracene

Concen: 0.468 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BN004034.D

Acq: 17 Dec 2018 14:15

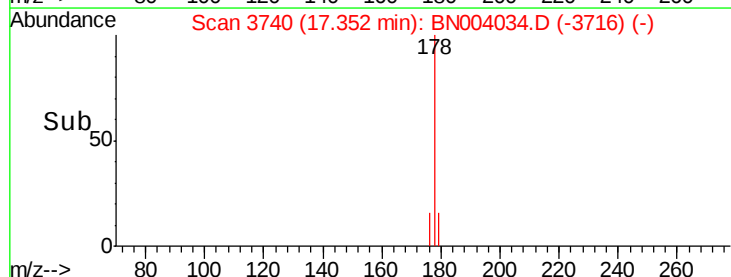
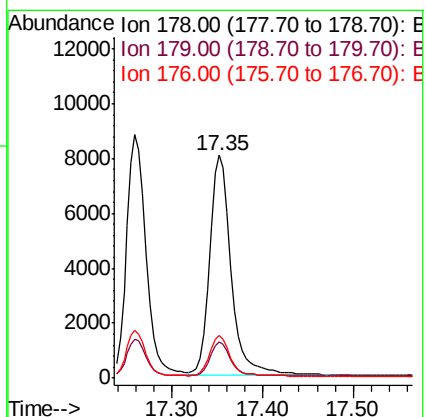
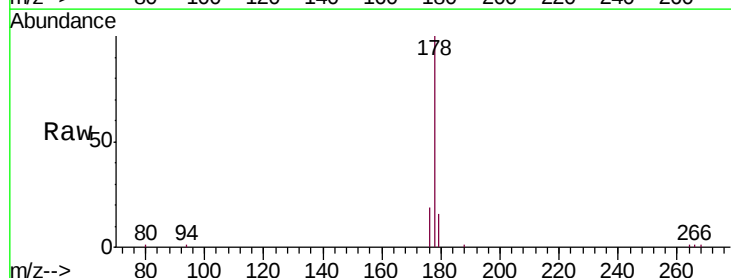
Tgt Ion:178 Resp: 13097

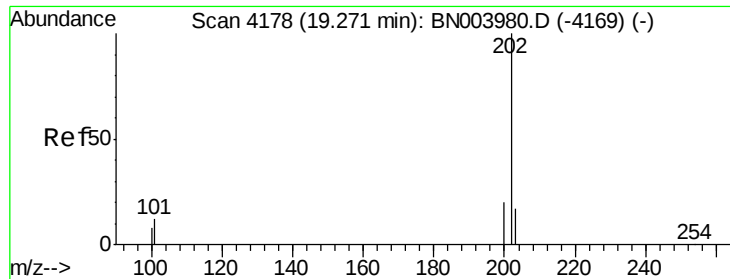
Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

176 19.2 14.8 22.2

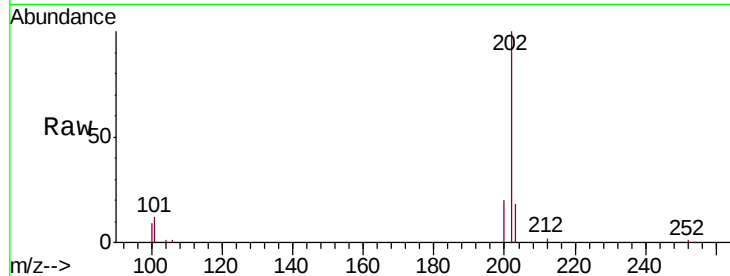




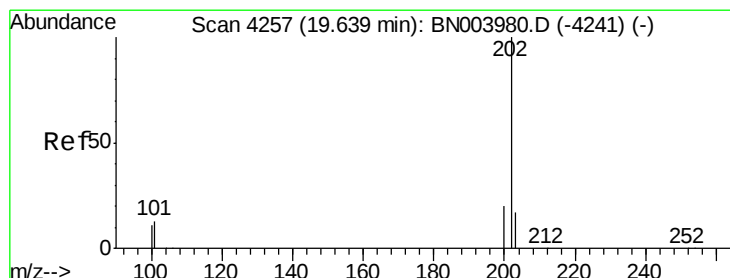
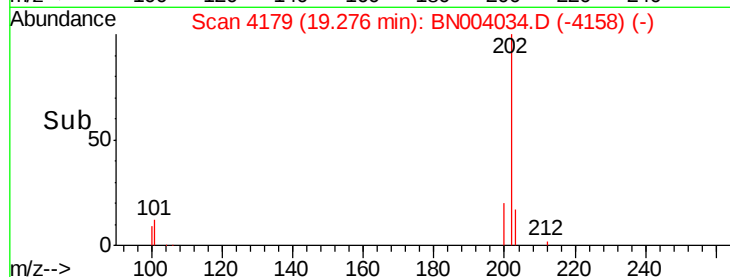
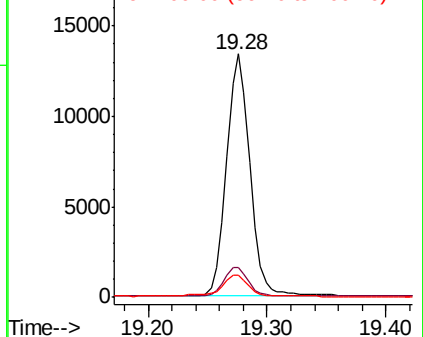
#15
Fluoranthene
 Concen: 0.453 ng/ul
 RT: 19.28 min Scan# 4179
 Delta R.T. -0.00 min
 Lab File: BN004034.D
 Acq: 17 Dec 2018 14:15

Instrument :
 BNA_N
 ClientSampleId :
 DFTPP71

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.7
100	9.3	0.0	28.1

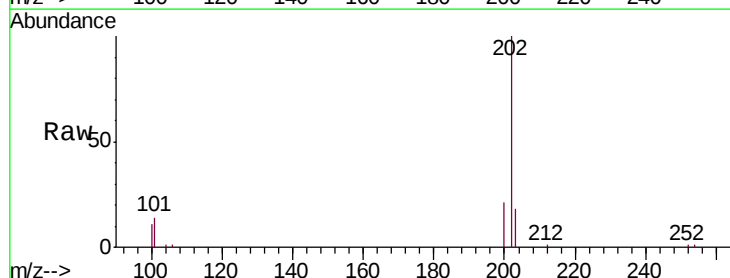


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

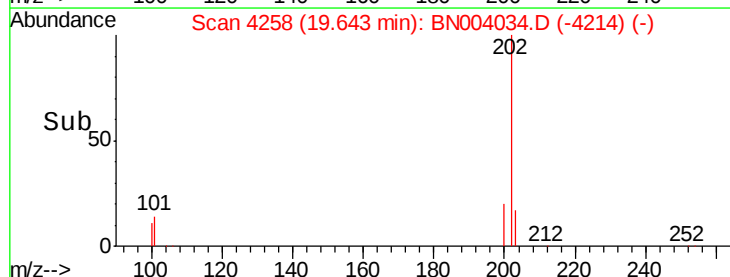
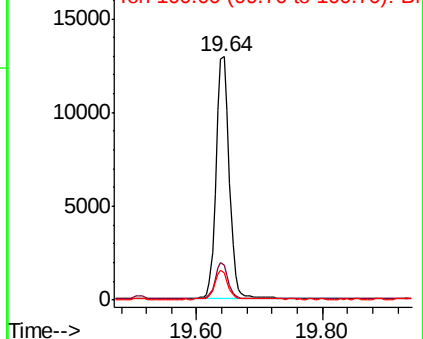


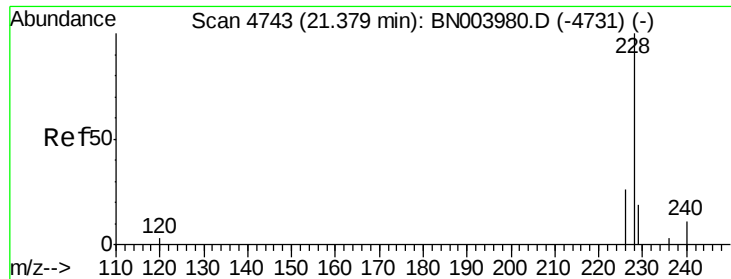
#17
Pyrene
 Concen: 0.416 ng/ul
 RT: 19.64 min Scan# 4258
 Delta R.T. 0.00 min
 Lab File: BN004034.D
 Acq: 17 Dec 2018 14:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.3	15.5
100	11.1	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: 0.462 ng/ul

RT: 21.39 min Scan# 4746

Delta R.T. 0.00 min

Lab File: BN004034.D

Acq: 17 Dec 2018 14:15

Instrument :

BNA_N

ClientSampleId :

DFTPP71

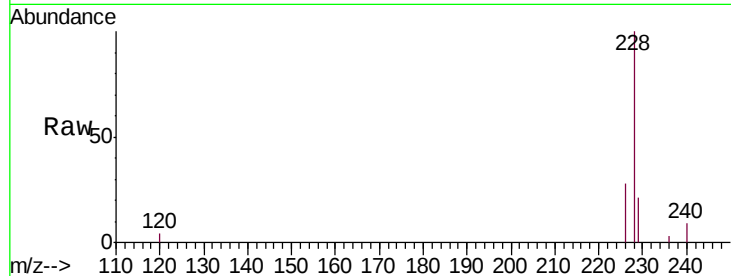
Tgt Ion:228 Resp: 18292

Ion Ratio Lower Upper

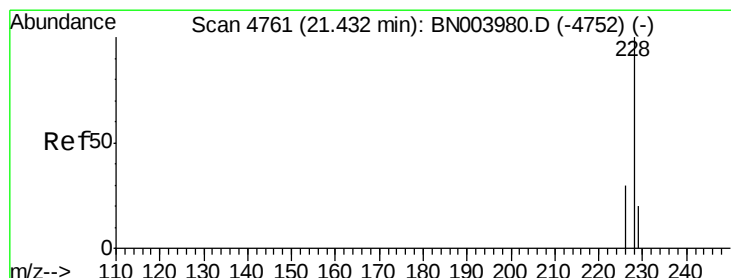
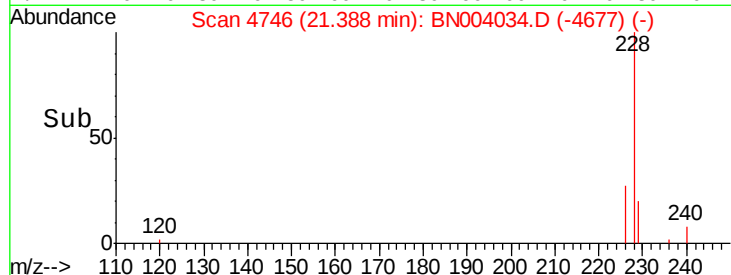
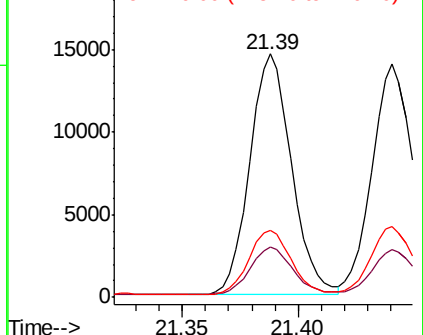
228 100

229 20.9 15.6 23.4

226 27.7 21.1 31.7



Abundance Ion 228.00 (227.70 to 228.70): E
20000 Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.388 ng/ul

RT: 21.44 min Scan# 4764

Delta R.T. -0.00 min

Lab File: BN004034.D

Acq: 17 Dec 2018 14:15

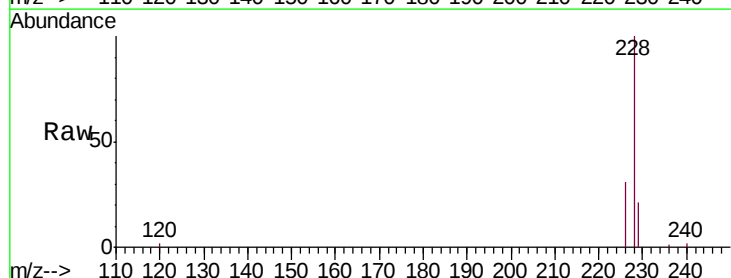
Tgt Ion:228 Resp: 17600

Ion Ratio Lower Upper

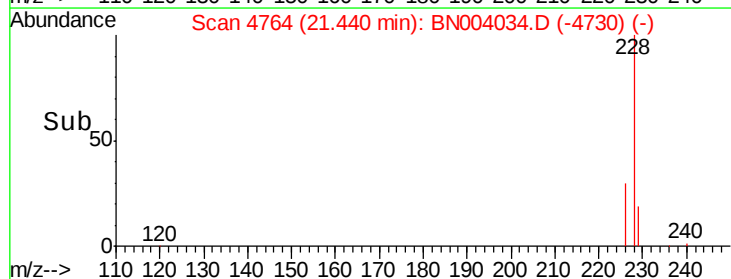
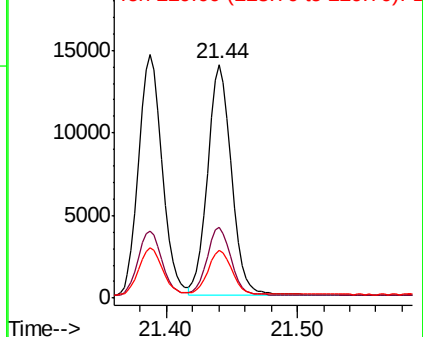
228 100

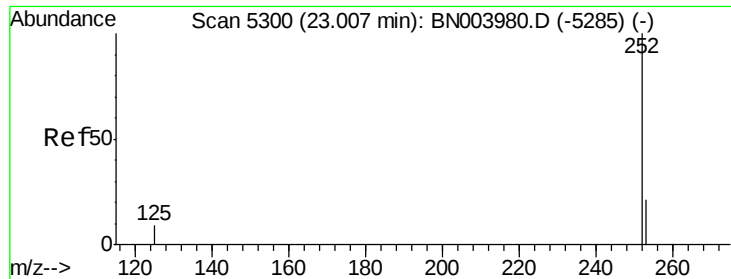
226 30.5 24.0 36.0

229 20.5 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E
20000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.365 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. -0.00 min

Lab File: BN004034.D

Acq: 17 Dec 2018 14:15

Instrument :

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DFTPP71

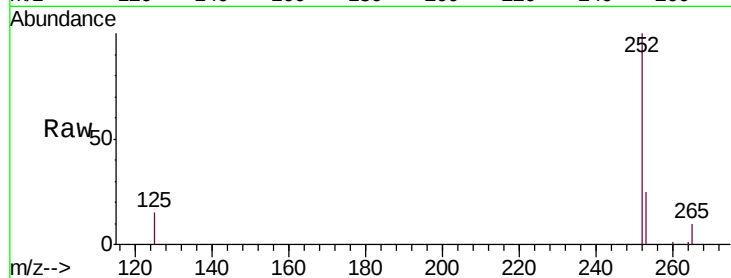
Tgt Ion:252 Resp: 17290

Ion Ratio Lower Upper

252 100

253 25.1 0.0 46.0

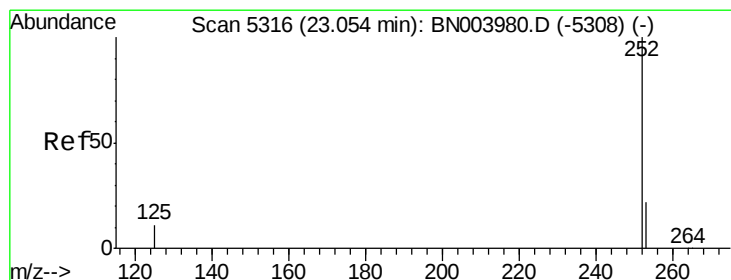
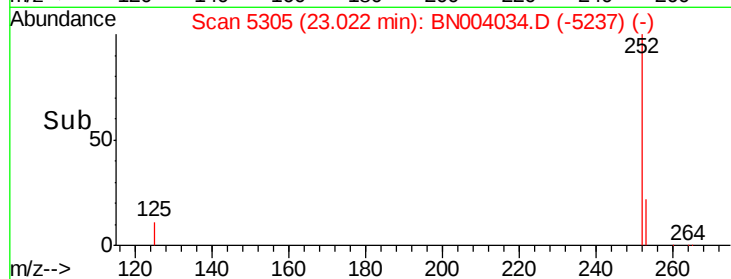
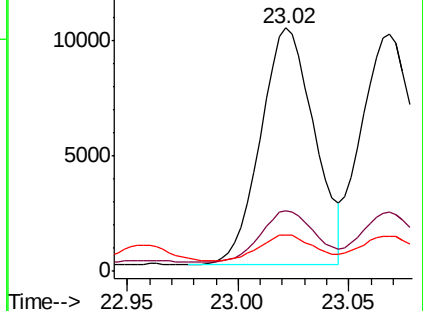
125 14.9 0.0 22.4



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: 0.376 ng/ul

RT: 23.07 min Scan# 5321

Delta R.T. 0.00 min

Lab File: BN004034.D

Acq: 17 Dec 2018 14:15

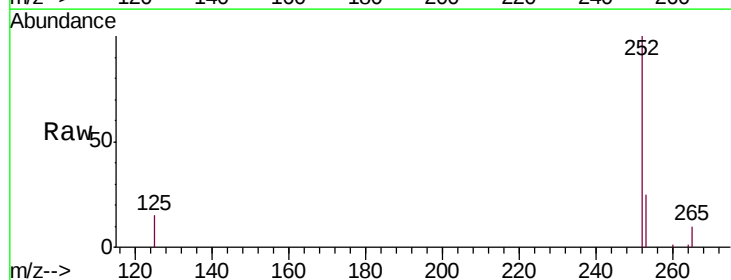
Tgt Ion:252 Resp: 17351

Ion Ratio Lower Upper

252 100

253 25.0 18.5 27.7

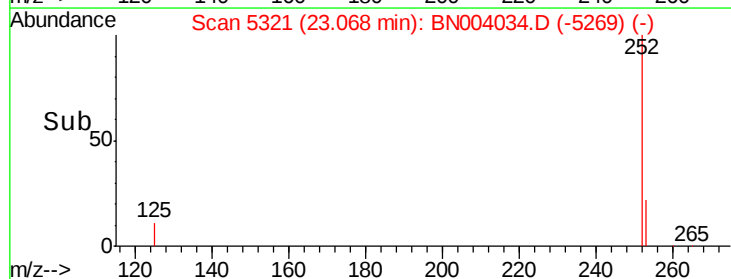
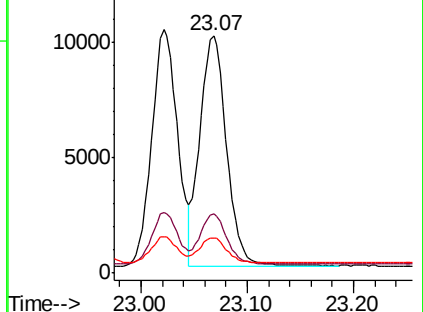
125 15.0 9.0 13.6#

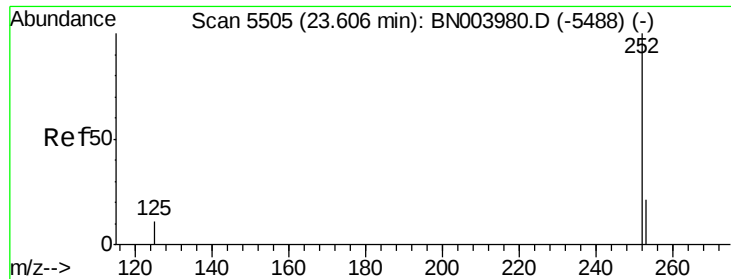


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.400 ng/u1

RT: 23.63 min Scan# 5512

Delta R.T. 0.00 min

Lab File: BN004034.D

Acq: 17 Dec 2018 14:15

Instrument :

BNA_N

ClientSampleId :

DFTPP71

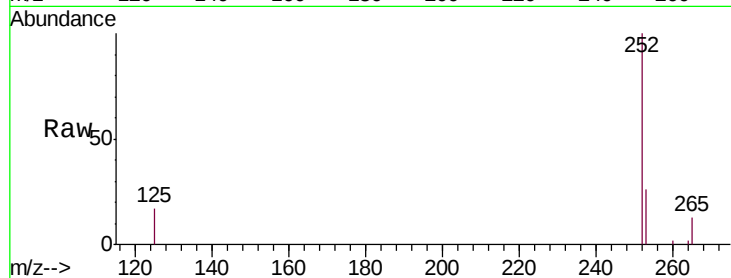
Tgt Ion:252 Resp: 16406

Ion Ratio Lower Upper

252 100

253 25.8 19.0 28.4

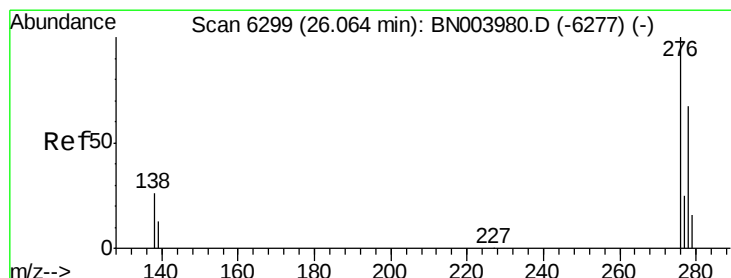
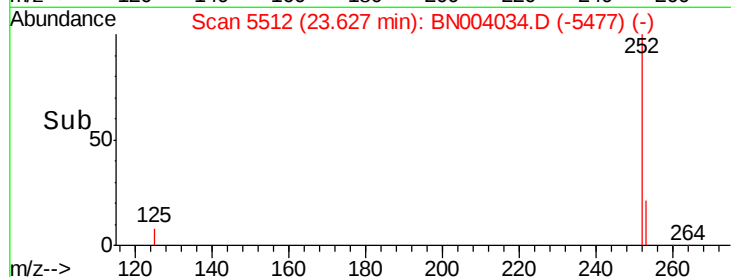
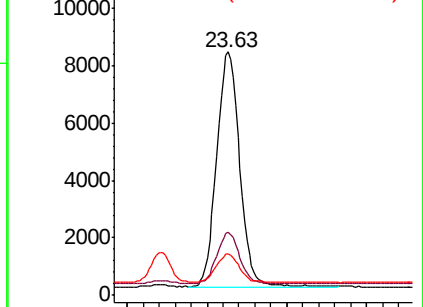
125 16.9 10.2 15.4#



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: 0.398 ng/u1

RT: 26.09 min Scan# 6307

Delta R.T. 0.01 min

Lab File: BN004034.D

Acq: 17 Dec 2018 14:15

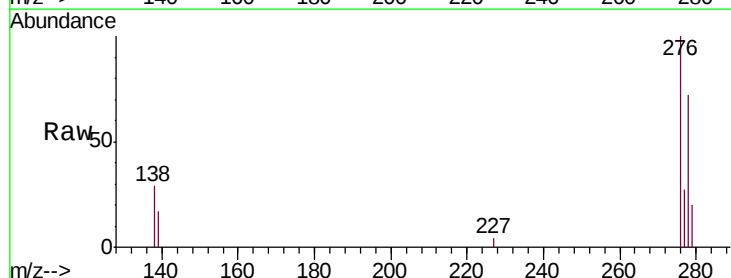
Tgt Ion:276 Resp: 18725

Ion Ratio Lower Upper

276 100

138 27.0 20.3 30.5

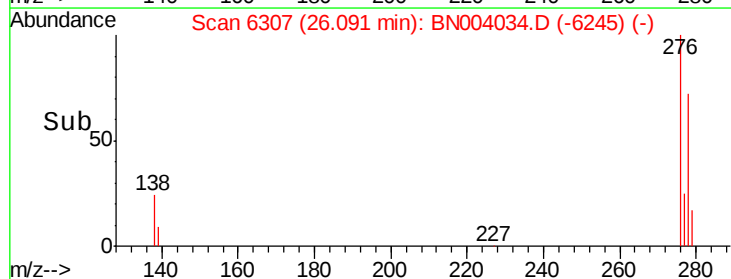
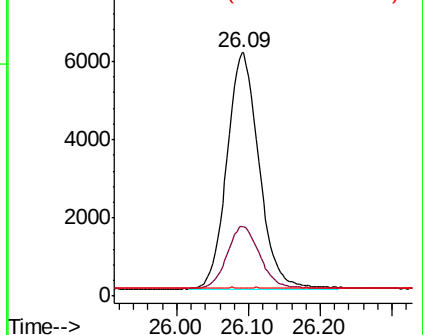
227 0.1 0.2 0.2#

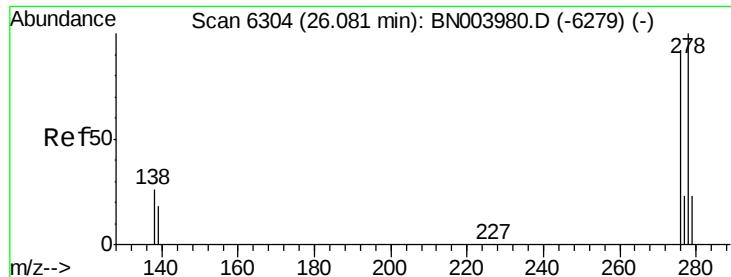


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.404 ng/ul

RT: 26.10 min Scan# 6310

Delta R.T. 0.01 min

Lab File: BN004034.D

Acq: 17 Dec 2018 14:15

Instrument :

BNA_N

ClientSampleId :

DFTPP71

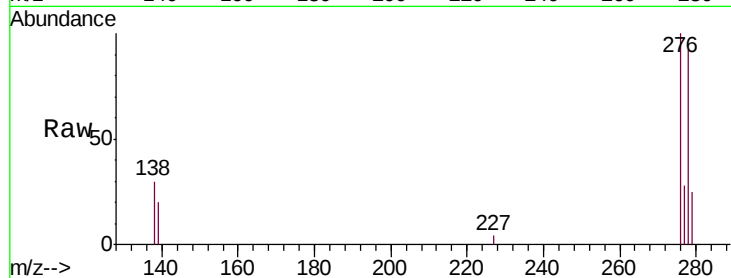
Tgt Ion: 278 Resp: 15317

Ion Ratio Lower Upper

278 100

139 21.3 14.2 21.4

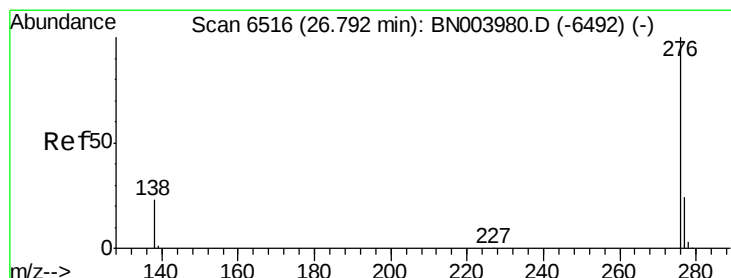
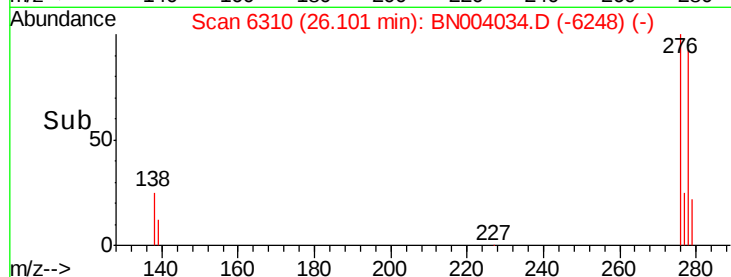
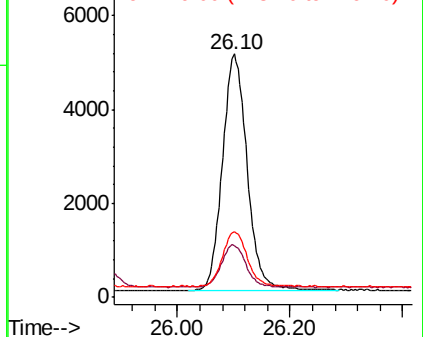
279 27.2 19.8 29.6



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: 0.387 ng/ul

RT: 26.82 min Scan# 6525

Delta R.T. 0.00 min

Lab File: BN004034.D

Acq: 17 Dec 2018 14:15

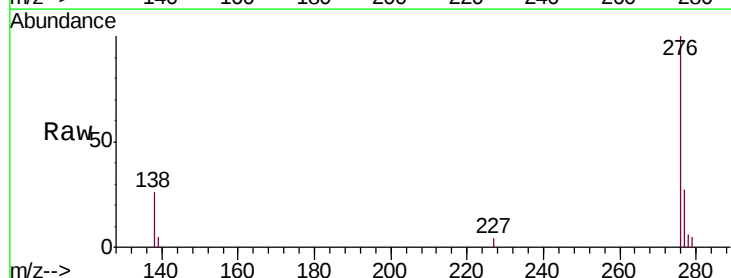
Tgt Ion: 276 Resp: 15822

Ion Ratio Lower Upper

276 100

138 25.8 17.7 26.5

277 26.8 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

