

Data File : BN004103.D
Acq On : 19 Dec 2018 09:05
Operator : JU/SJ
Sample : SSTDC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DFTPP73

Quant Time: Dec 20 04:43:21 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 : Thu Dec 20 00:31:05 2018
Response via : Initial Calibration

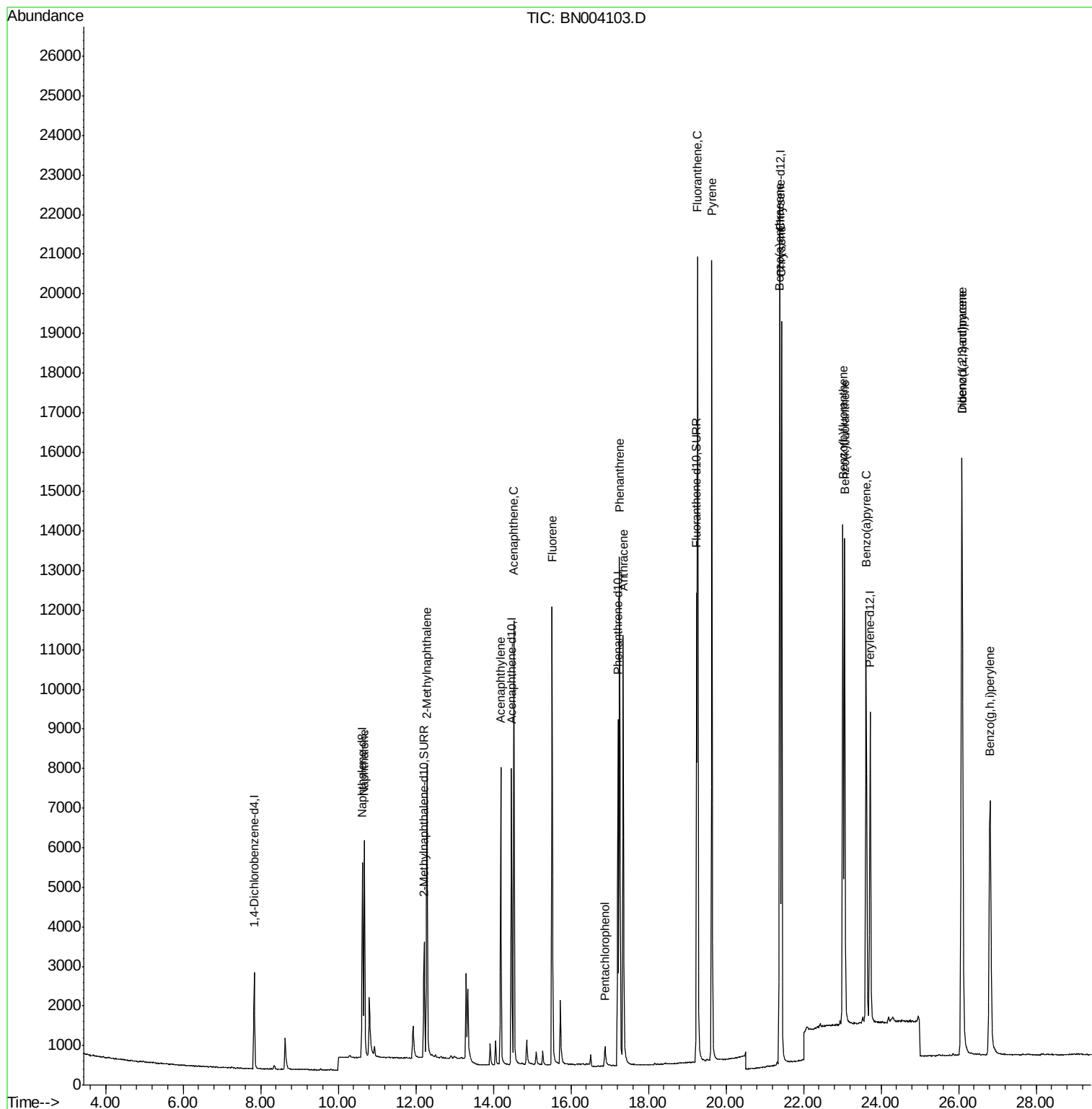
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1347	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	6910	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4261	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	10843	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	11919	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	11115	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4374	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	13386	0.42	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	7824	0.403	ng/ul	98
5) 2-Methylnaphthalene	12.29	142	5814	0.429	ng/ul	99
7) Acenaphthylene	14.19	152	8879	0.463	ng/ul	99
8) Acenaphthene	14.53	153	6824	0.406	ng/ul	99
9) Fluorene	15.52	166	7988	0.408	ng/ul	99
11) Pentachlorophenol	16.88	266	643	0.329	ng/ul	99
12) Phenanthrene	17.26	178	14206	0.399	ng/ul	99
13) Anthracene	17.35	178	13400	0.458	ng/ul	99
15) Fluoranthene	19.27	202	17904	0.426	ng/ul	94
17) Pyrene	19.64	202	18074	0.423	ng/ul	95
18) Benzo(a)anthracene	21.38	228	17124	0.455	ng/ul	99
19) Chrysene	21.44	228	16948	0.393	ng/ul	100
21) Benzo(b)fluoranthene	23.02	252	16589	0.361	ng/ul	97
22) Benzo(k)fluoranthene	23.06	252	17200	0.384	ng/ul	97
23) Benzo(a)pyrene	23.62	252	15889	0.399	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.09	276	18596	0.407	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.09	278	14977	0.408	ng/ul	96
26) Benzo(g,h,i)perylene	26.81	276	15516	0.391	ng/ul	95

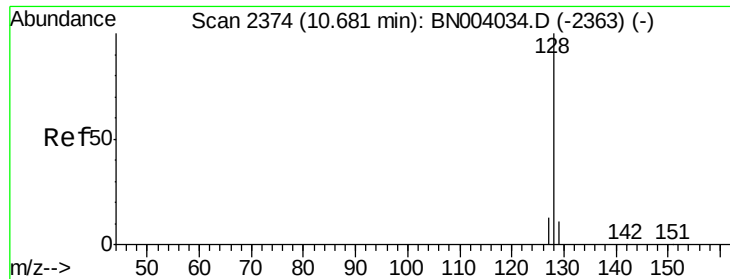
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
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Quant Time: Dec 20 04:43:21 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 : Thu Dec 20 00:31:05 2018
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#3

Naphthalene

Concen: 0.403 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. -0.00 min

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Acq: 19 Dec 2018 09:05

Instrument :

BNA_N

ClientSampleId :

DFTPP73

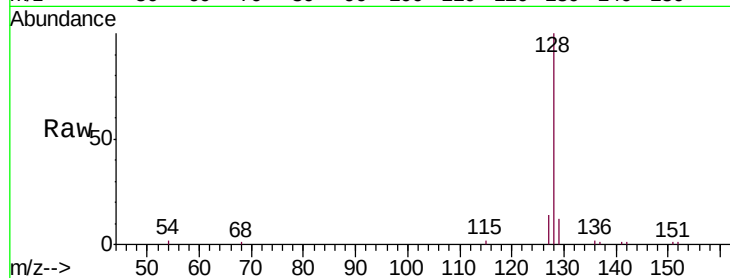
Tgt Ion:128 Resp: 7824

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

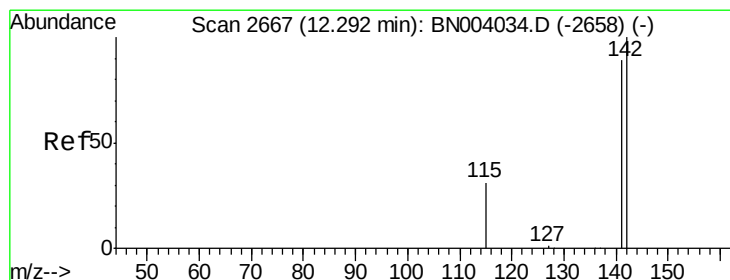
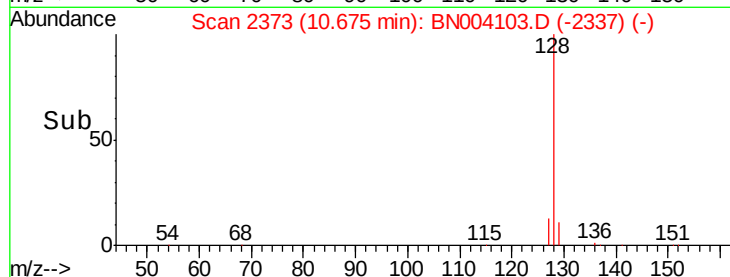
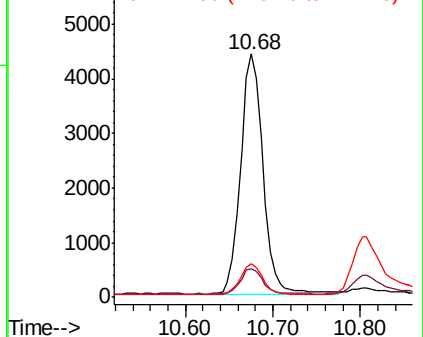
127 13.6 10.5 15.7



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: 0.429 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BN004103.D

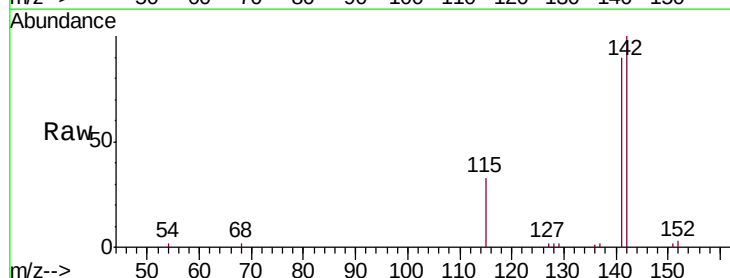
Acq: 19 Dec 2018 09:05

Tgt Ion:142 Resp: 5814

Ion Ratio Lower Upper

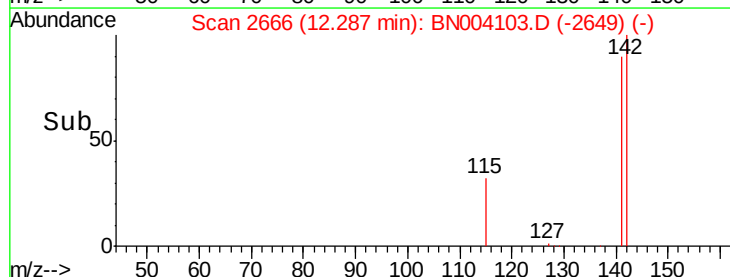
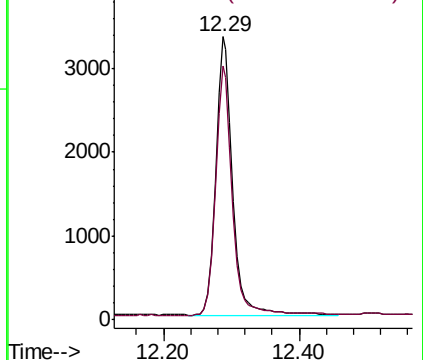
142 100

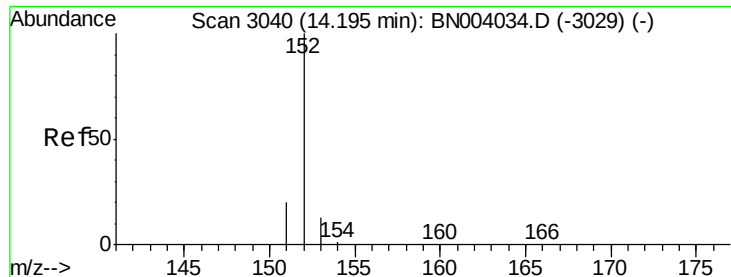
141 90.7 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.463 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004103.D

Acq: 19 Dec 2018 09:05

Instrument :

BNA_N

ClientSampleId :

DFTPP73

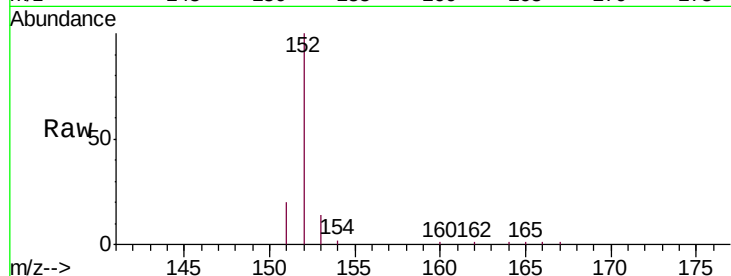
Tgt Ion:152 Resp: 8879

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

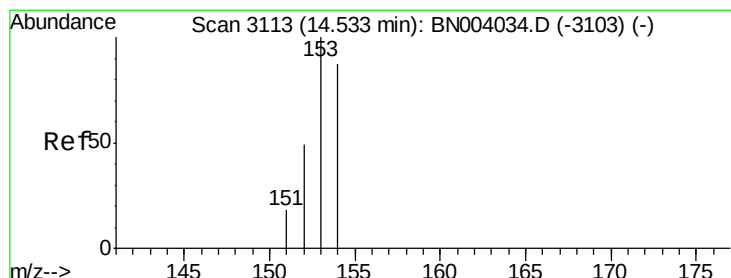
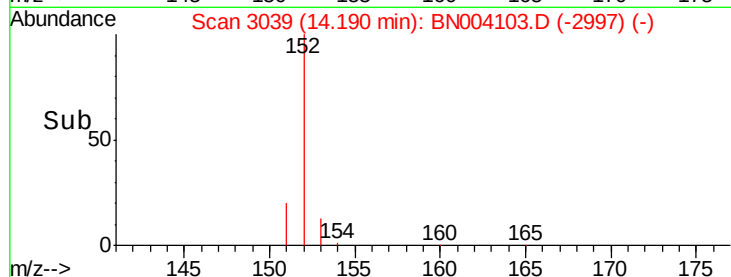
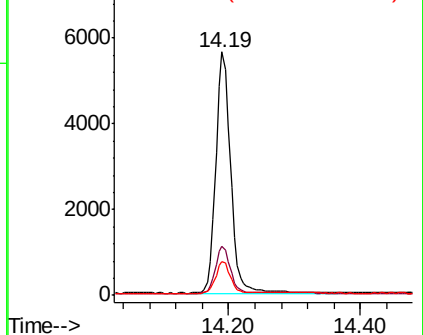
153 13.8 10.7 16.1



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: 14.53 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN004103.D

Acq: 19 Dec 2018 09:05

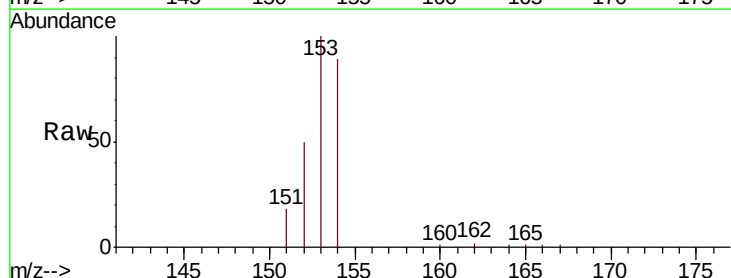
Tgt Ion:153 Resp: 6824

Ion Ratio Lower Upper

153 100

152 49.8 39.3 58.9

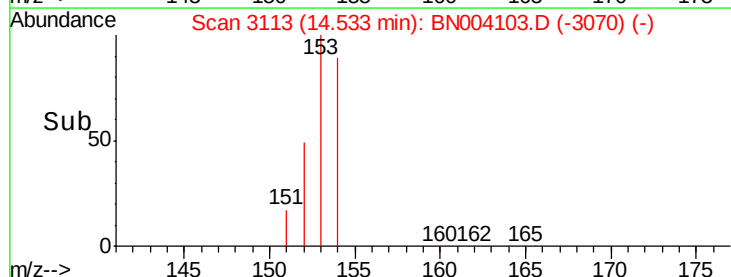
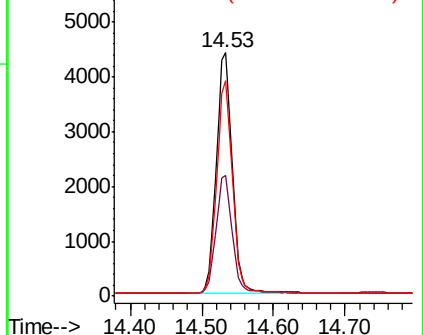
154 88.7 70.3 105.5

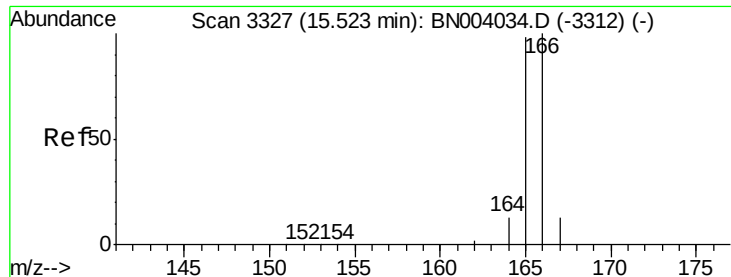


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.408 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN004103.D

Acq: 19 Dec 2018 09:05

Instrument :

BNA_N

ClientSampleId :

DFTPP73

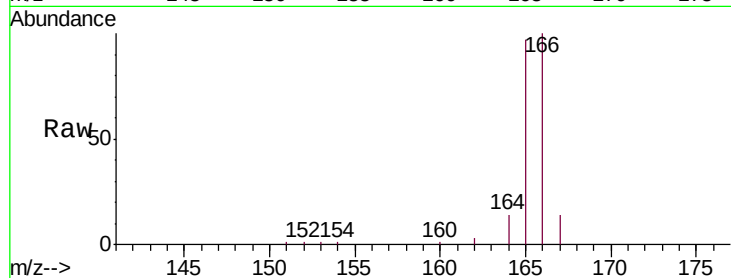
Tgt Ion:166 Resp: 7988

Ion Ratio Lower Upper

166 100

165 97.2 78.3 117.5

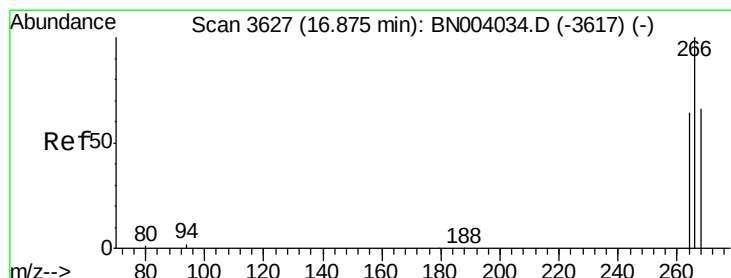
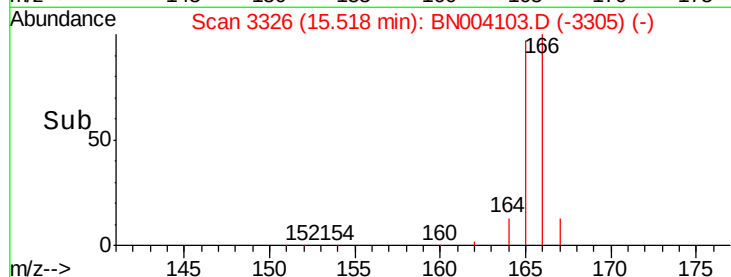
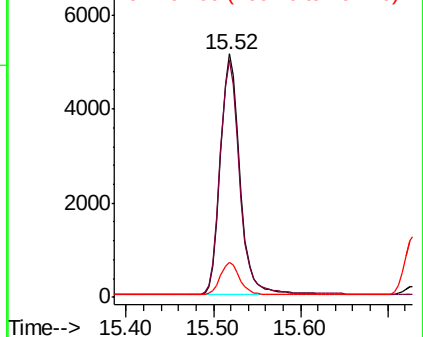
167 14.1 11.3 16.9



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: 0.329 ng/ul

RT: 16.88 min Scan# 3628

Delta R.T. -0.00 min

Lab File: BN004103.D

Acq: 19 Dec 2018 09:05

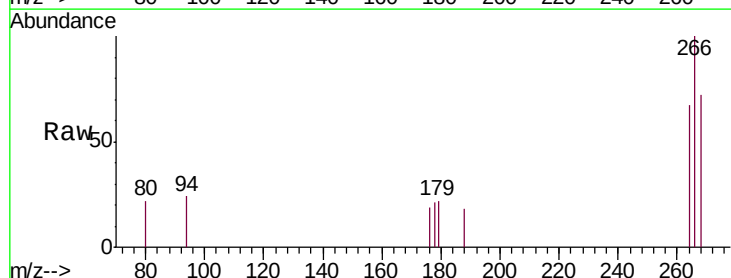
Tgt Ion:266 Resp: 643

Ion Ratio Lower Upper

266 100

264 60.3 49.4 74.2

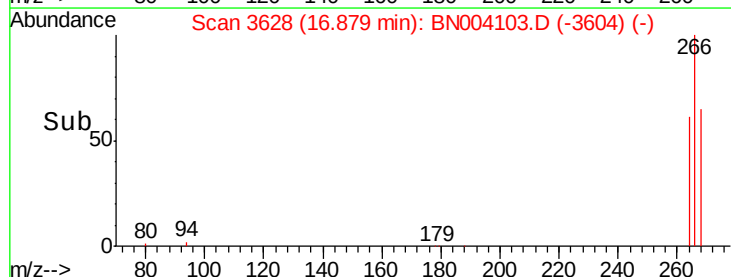
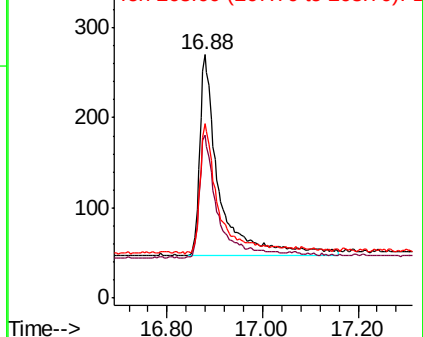
268 63.9 51.7 77.5

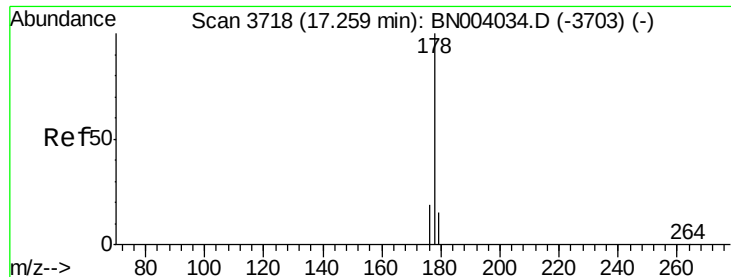


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.399 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN004103.D

Acq: 19 Dec 2018 09:05

Instrument :

BNA_N

ClientSampleId :

DFTPP73

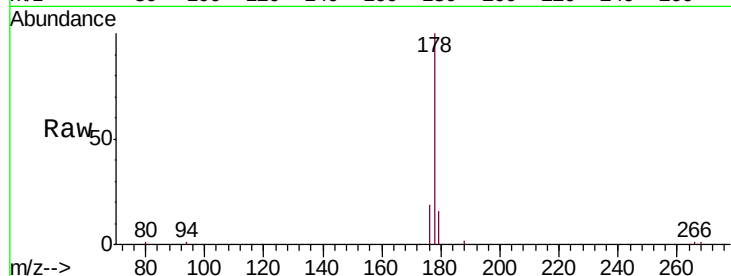
Tgt Ion:178 Resp: 14206

Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

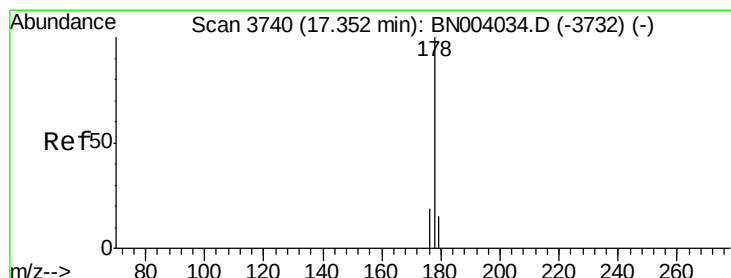
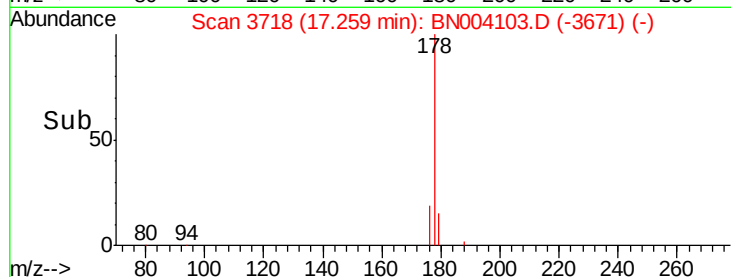
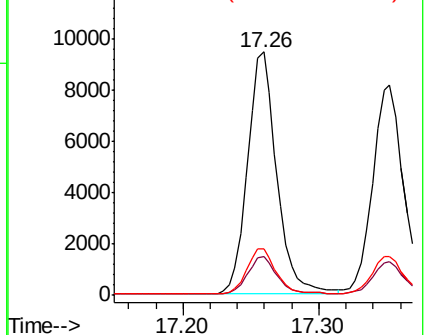
176 19.3 15.0 22.4



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: 0.458 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BN004103.D

Acq: 19 Dec 2018 09:05

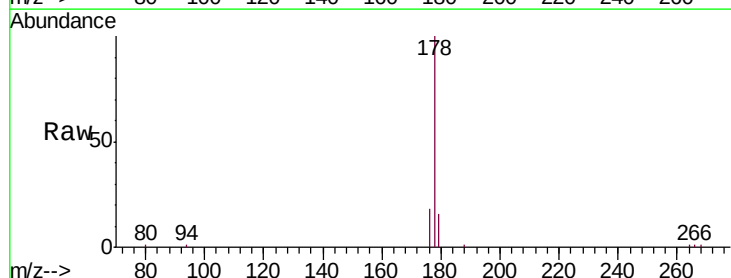
Tgt Ion:178 Resp: 13400

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

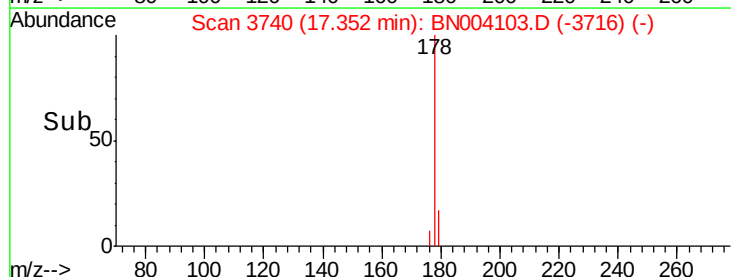
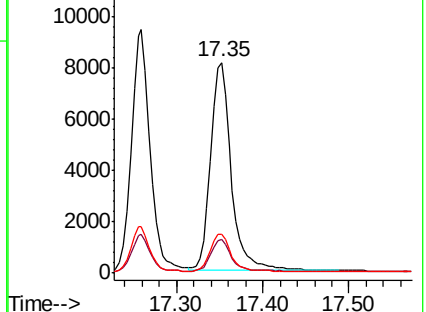
176 18.4 14.8 22.2

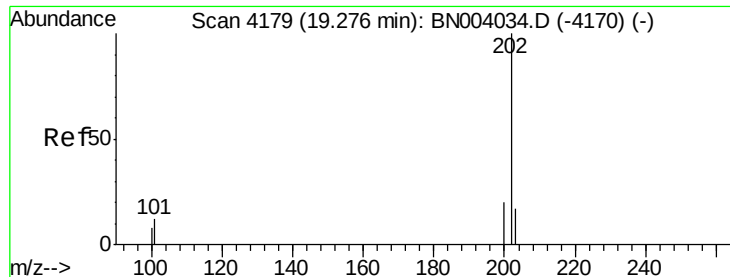


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.426 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN004103.D

Acq: 19 Dec 2018 09:05

Instrument :

BNA_N

ClientSampleId :

DFTPP73

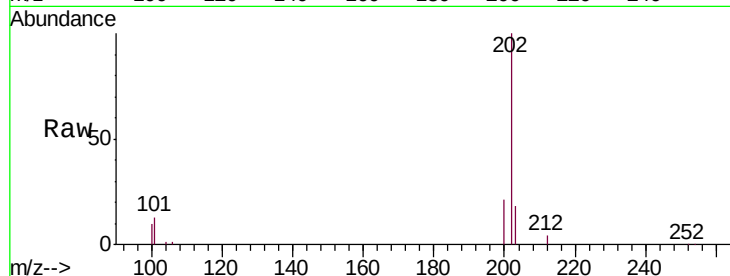
Tgt Ion:202 Resp: 17904

Ion Ratio Lower Upper

202 100

101 13.2 0.0 30.7

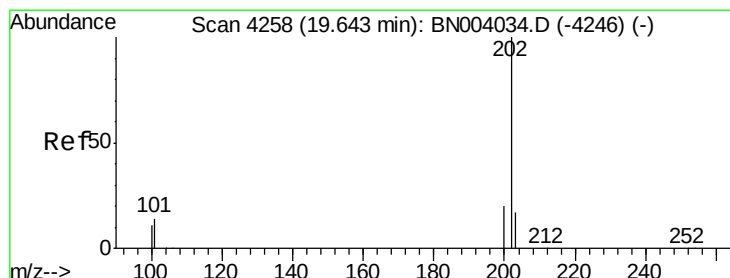
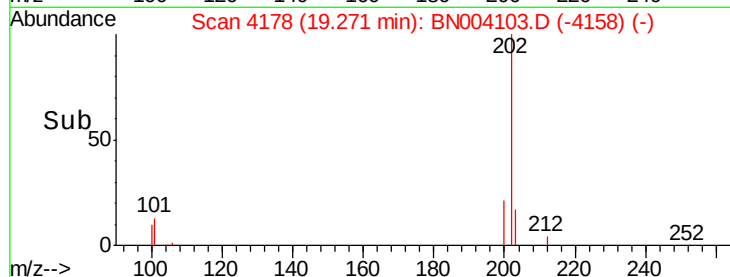
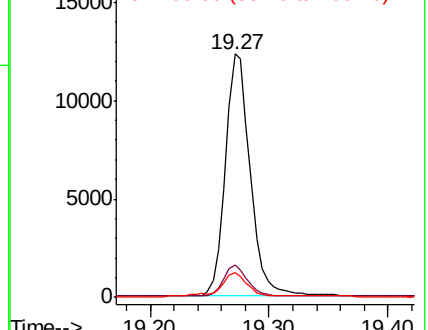
100 10.2 0.0 28.1



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: 0.423 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004103.D

Acq: 19 Dec 2018 09:05

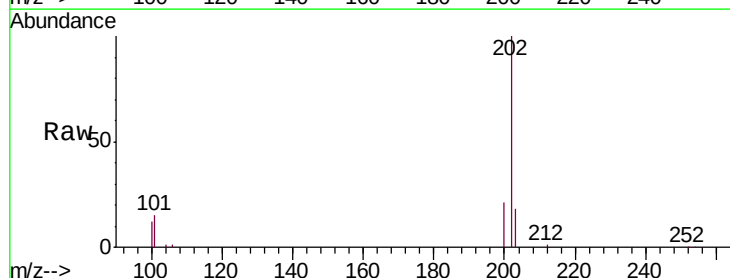
Tgt Ion:202 Resp: 18074

Ion Ratio Lower Upper

202 100

101 15.0 10.3 15.5

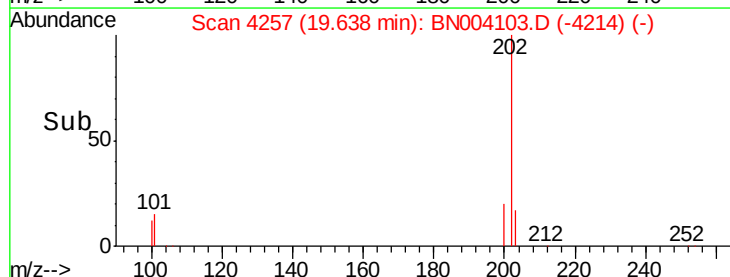
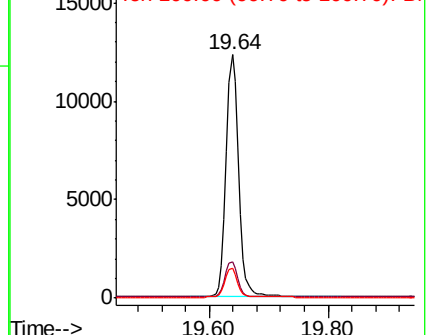
100 12.0 8.5 12.7

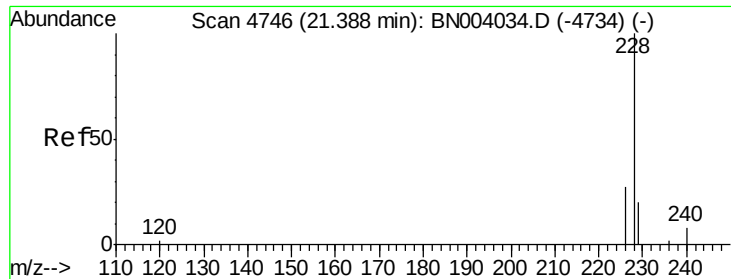


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.455 ng/ul

RT: 21.38 min Scan# 4744

Delta R.T. -0.00 min

Lab File: BN004103.D

Acq: 19 Dec 2018 09:05

Instrument :

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DFTPP73

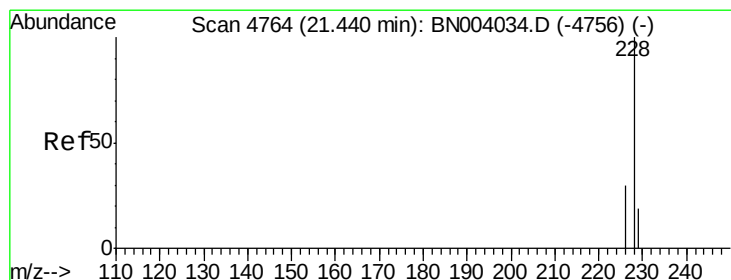
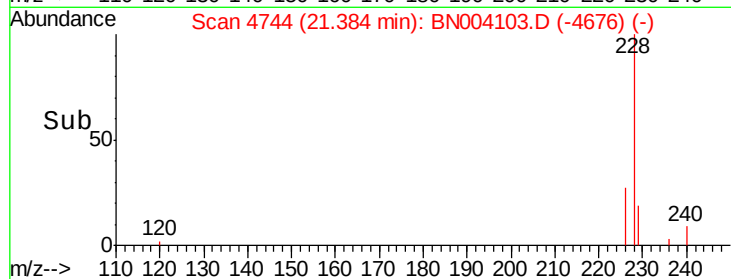
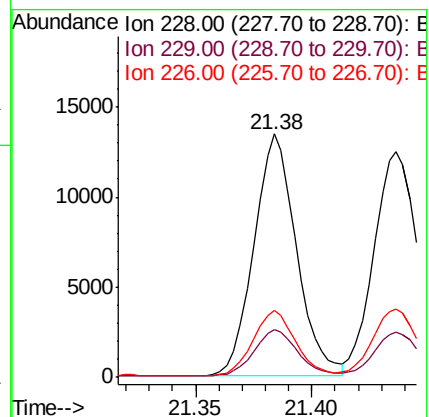
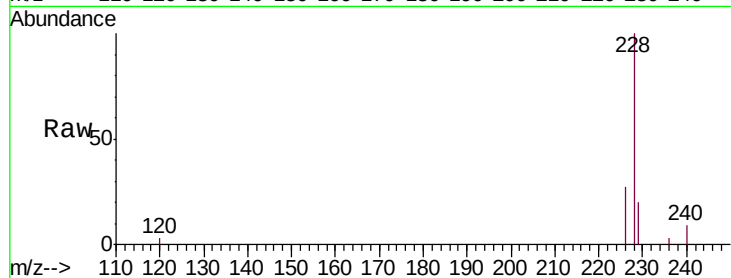
Tgt Ion:228 Resp: 17124

Ion Ratio Lower Upper

228 100

229 19.7 15.6 23.4

226 27.4 21.1 31.7



#19

Chrysene

Concen: 0.393 ng/ul

RT: 21.44 min Scan# 4762

Delta R.T. -0.00 min

Lab File: BN004103.D

Acq: 19 Dec 2018 09:05

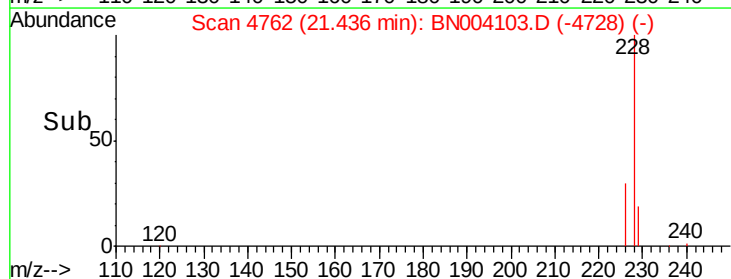
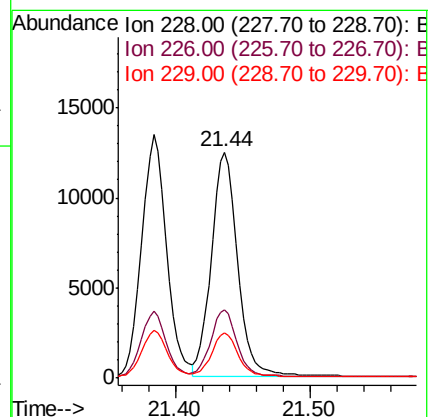
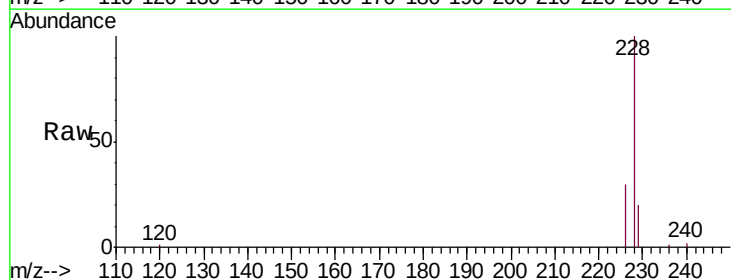
Tgt Ion:228 Resp: 16948

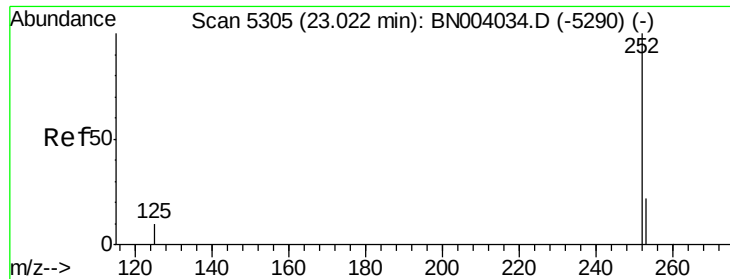
Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 19.9 15.7 23.5





#21

Benzo(b)fluoranthene

Concen: 0.361 ng/ul

RT: 23.02 min Scan# 5303

Delta R.T. -0.00 min

Lab File: BN004103.D

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DFTPP73

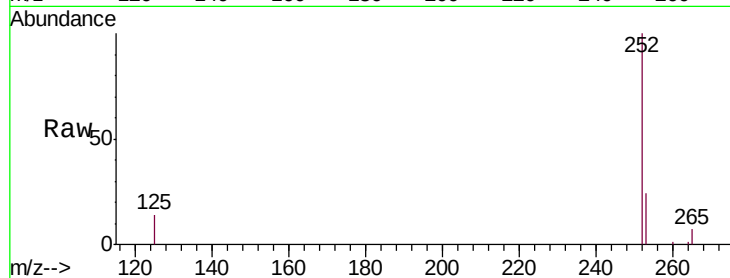
Tgt Ion:252 Resp: 16589

Ion Ratio Lower Upper

252 100

253 23.9 0.0 46.0

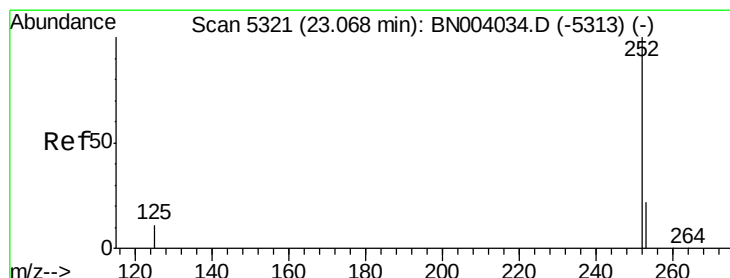
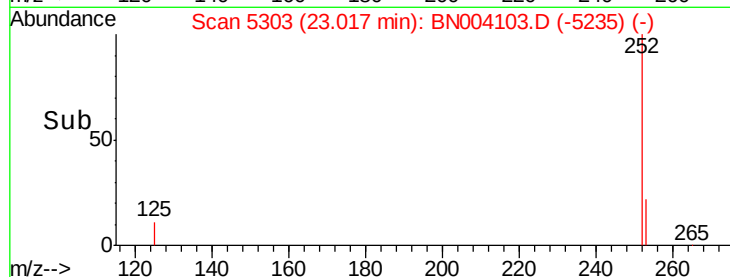
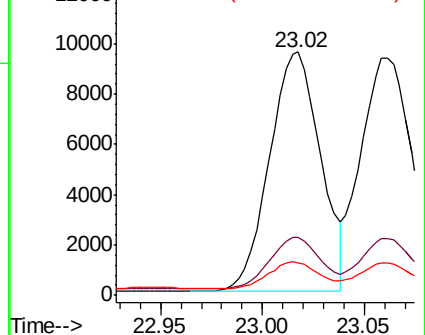
125 13.5 0.0 22.4



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: 0.384 ng/ul

RT: 23.06 min Scan# 5318

Delta R.T. -0.01 min

Lab File: BN004103.D

Acq: 19 Dec 2018 09:05

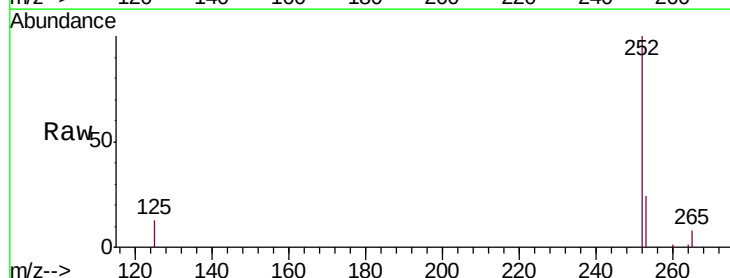
Tgt Ion:252 Resp: 17200

Ion Ratio Lower Upper

252 100

253 24.0 18.5 27.7

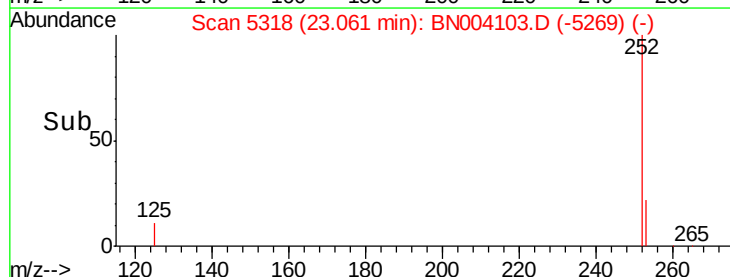
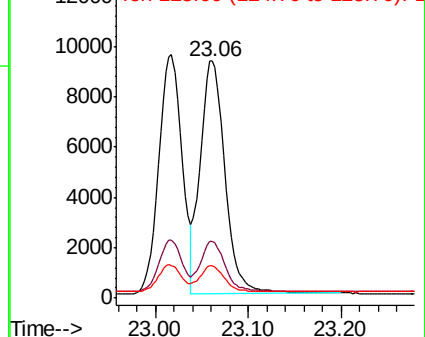
125 13.5 9.0 13.6

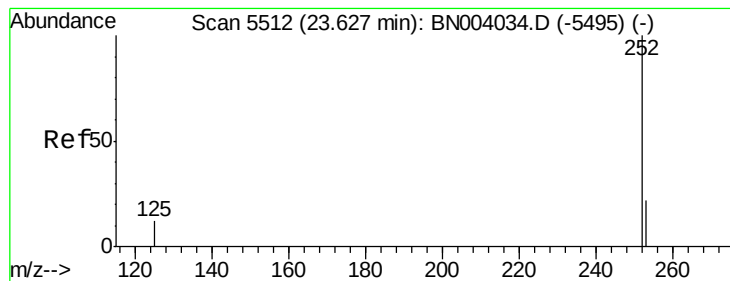


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.399 ng/ul

RT: 23.62 min Scan# 5508

Delta R.T. -0.01 min

Lab File: BN004103.D

Acq: 19 Dec 2018 09:05

Instrument :

BNA_N

ClientSampleId :

DFTPP73

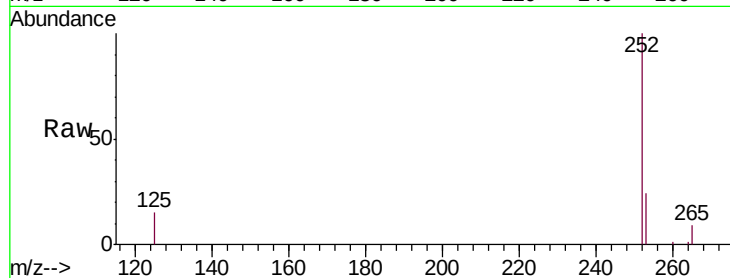
Tgt Ion: 252 Resp: 15889

Ion Ratio Lower Upper

252 100

253 24.1 19.0 28.4

125 15.2 10.2 15.4

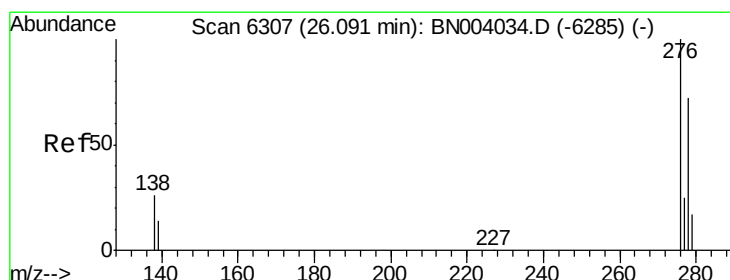
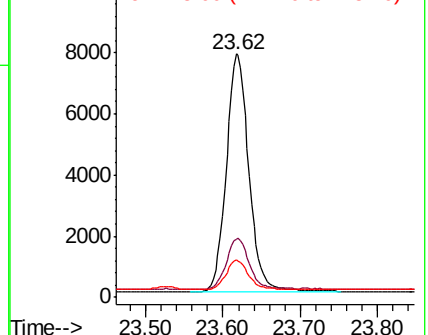
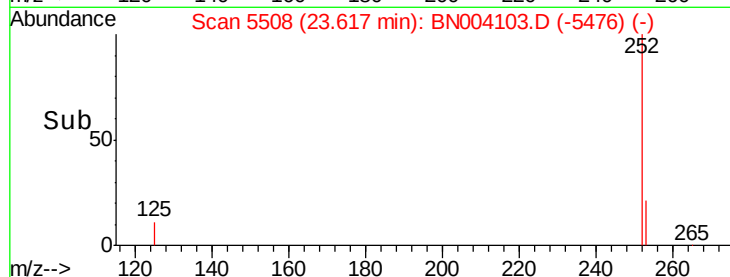


Abundance

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: 0.407 ng/ul

RT: 26.09 min Scan# 6305

Delta R.T. -0.01 min

Lab File: BN004103.D

Acq: 19 Dec 2018 09:05

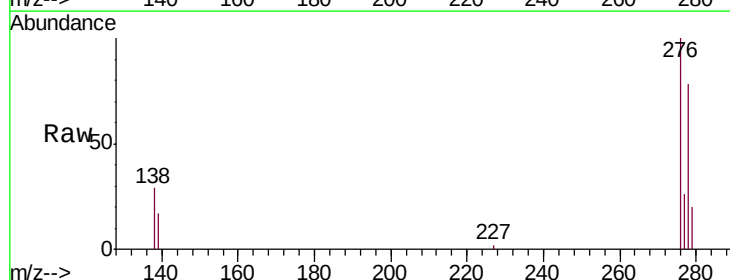
Tgt Ion: 276 Resp: 18596

Ion Ratio Lower Upper

276 100

138 27.2 20.3 30.5

227 0.1 0.2 0.2#

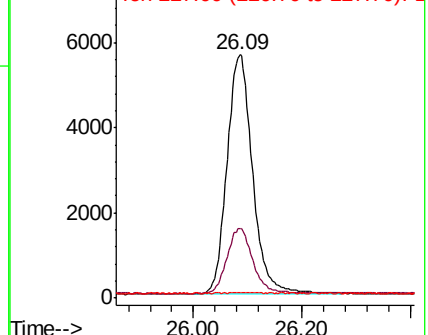
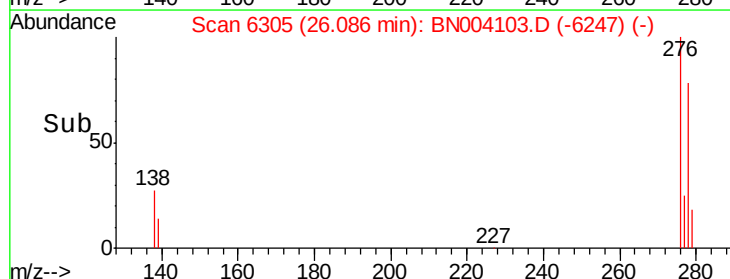


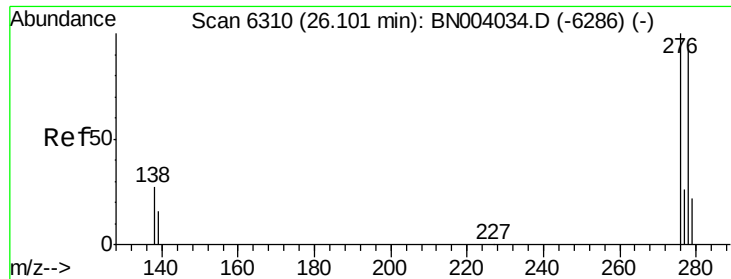
Abundance

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

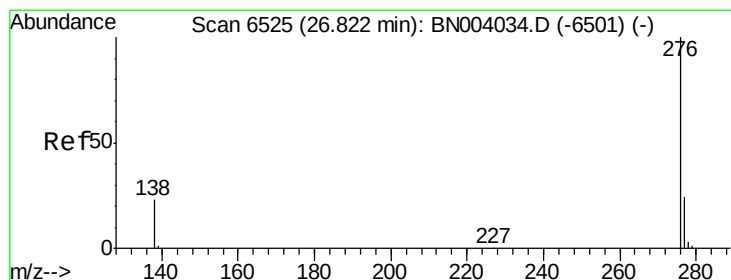
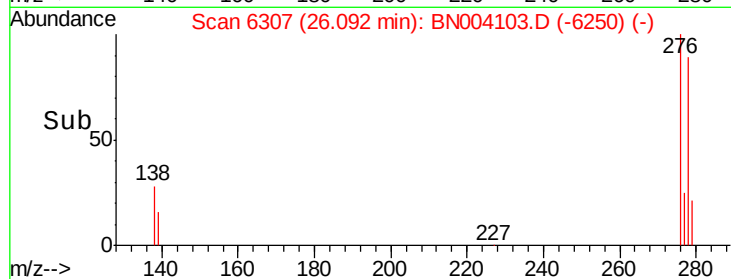
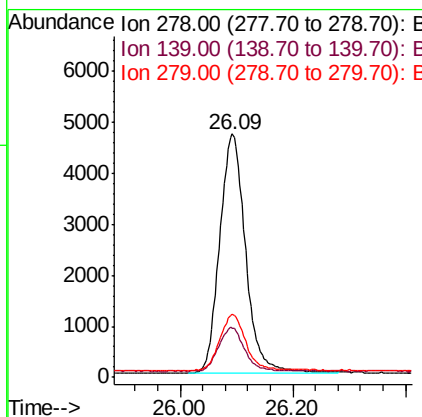
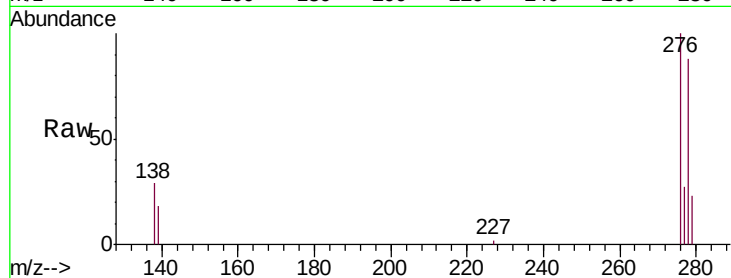




#25
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 26.09 min Scan# 6307
Delta R.T. -0.01 min
Lab File: BN004103.D
Acq: 19 Dec 2018 09:05

Instrument :
BNA_N
ClientSampleId :
DFTPP73

Tgt Ion: 278 Resp: 14977
Ion Ratio Lower Upper
278 100
139 20.4 14.2 21.4
279 25.8 19.8 29.6



#26
Benzo(g,h,i)perylene
Concen: 0.391 ng/ul
RT: 26.81 min Scan# 6521
Delta R.T. -0.01 min
Lab File: BN004103.D
Acq: 19 Dec 2018 09:05

Tgt Ion: 276 Resp: 15516
Ion Ratio Lower Upper
276 100
138 25.4 17.7 26.5
277 25.5 19.3 28.9

