

Data File : BN004070.D
Acq On : 18 Dec 2018 11:26
Operator : JU/SJ
Sample : SSTDC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DFTPP72

Quant Time: Dec 19 01:55:21 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 : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1446	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7375	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4518	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	11654	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	13028	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	12164	0.40	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.22	152	4721	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	14733	0.43	ng/ul	0.00

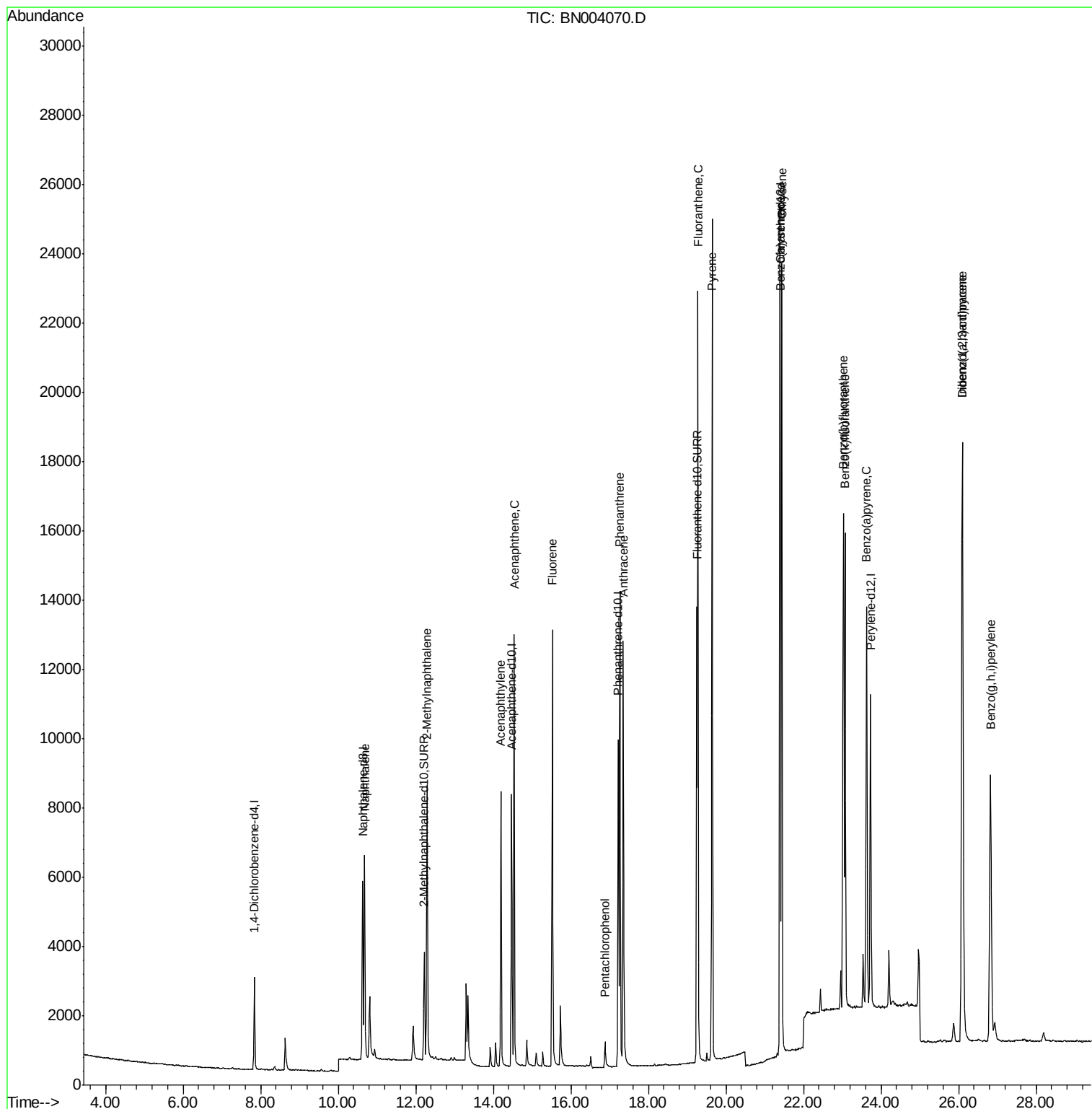
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.68	128	8341	0.403	ng/ul	98
5) 2-Methylnaphthalene	12.29	142	6236	0.431	ng/ul	99
7) Acenaphthylene	14.19	152	9697	0.477	ng/ul	99
8) Acenaphthene	14.53	153	7323	0.411	ng/ul	99
9) Fluorene	15.52	166	8563	0.412	ng/ul	99
11) Pentachlorophenol	16.88	266	784	0.374	ng/ul	98
12) Phenanthrene	17.26	178	15140	0.396	ng/ul	99
13) Anthracene	17.35	178	14470	0.460	ng/ul	99
15) Fluoranthene	19.28	202	19470	0.431	ng/ul	95
17) Pyrene	19.64	202	20108	0.430	ng/ul	98
18) Benzo(a)anthracene	21.39	228	19207	0.467	ng/ul	98
19) Chrysene	21.44	228	18613	0.395	ng/ul	99
21) Benzo(b)fluoranthene	23.02	252	18449	0.367	ng/ul	95
22) Benzo(k)fluoranthene	23.07	252	18601	0.379	ng/ul#	95
23) Benzo(a)pyrene	23.63	252	17496	0.402	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	26.09	276	20263	0.406	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.10	278	16459	0.409	ng/ul#	95
26) Benzo(g,h,i)perylene	26.82	276	16964	0.391	ng/ul	94

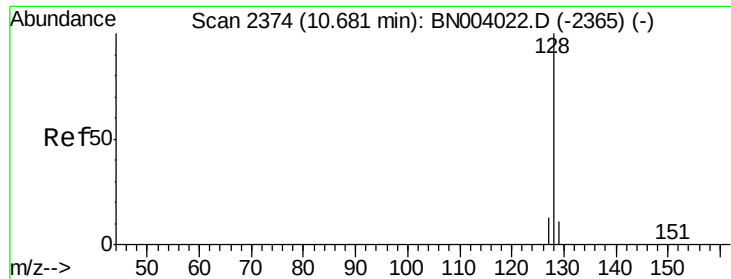
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 19 01:55:21 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 : Tue Dec 18 06:35:27 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.403 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BN004070.D

Acq: 18 Dec 2018 11:26

Instrument :

BNA_N

ClientSampleId :

DFTPP72

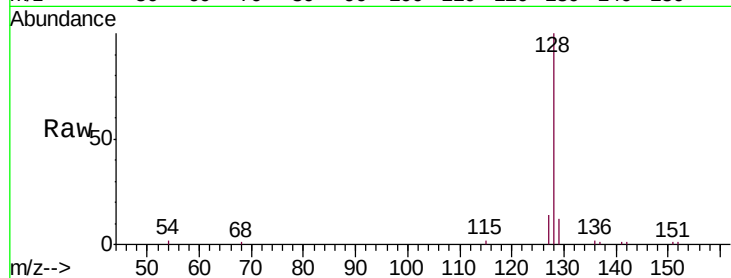
Tgt Ion:128 Resp: 8341

Ion Ratio Lower Upper

128 100

129 12.1 9.0 13.6

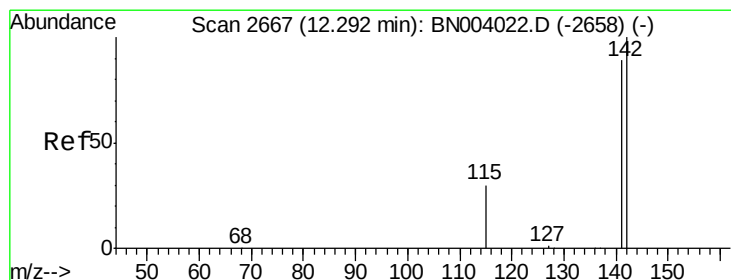
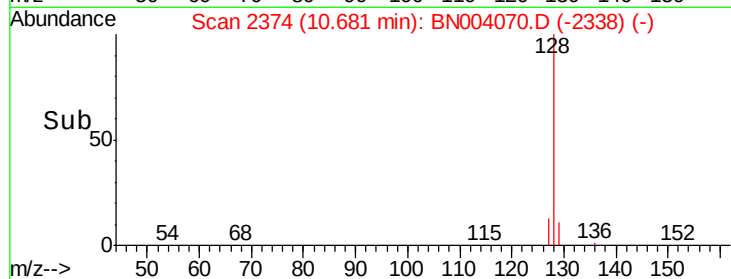
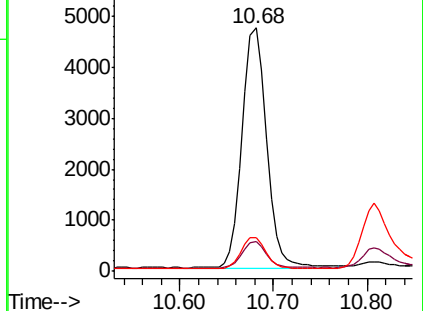
127 13.8 10.5 15.7



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: 0.431 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN004070.D

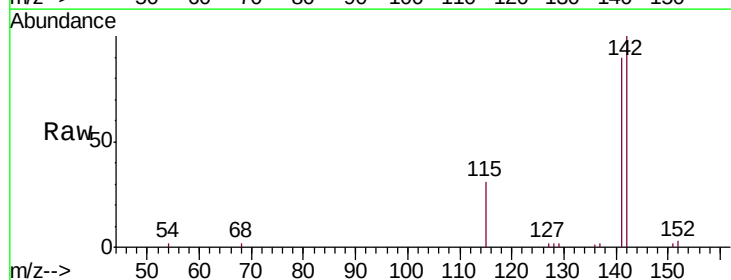
Acq: 18 Dec 2018 11:26

Tgt Ion:142 Resp: 6236

Ion Ratio Lower Upper

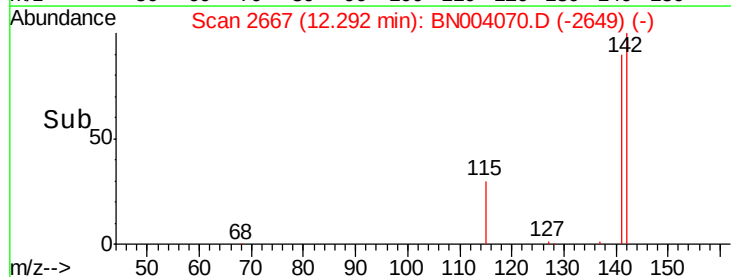
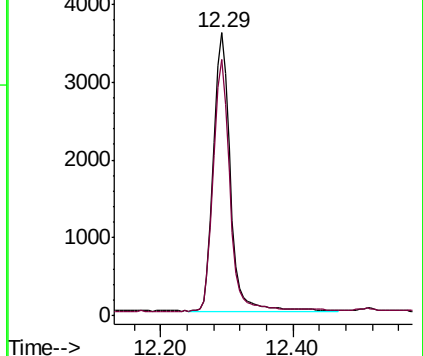
142 100

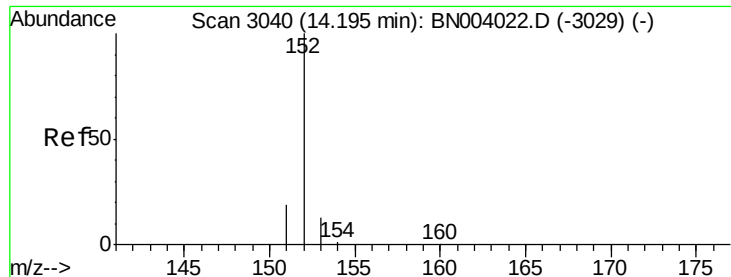
141 90.7 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.477 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN004070.D

Acq: 18 Dec 2018 11:26

Instrument :

BNA_N

ClientSampleId :

DFTPP72

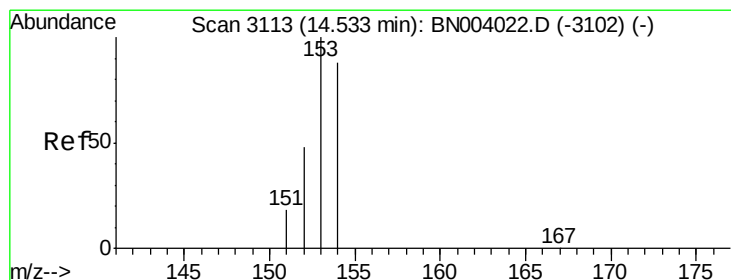
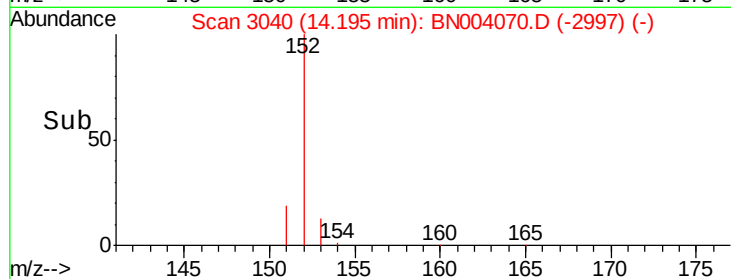
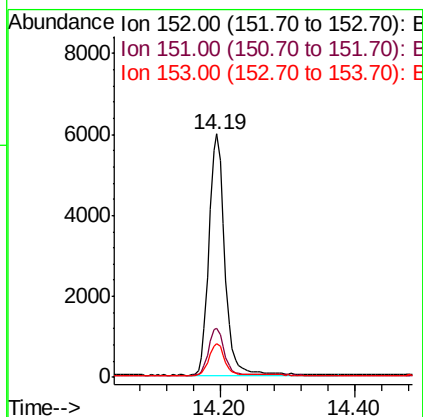
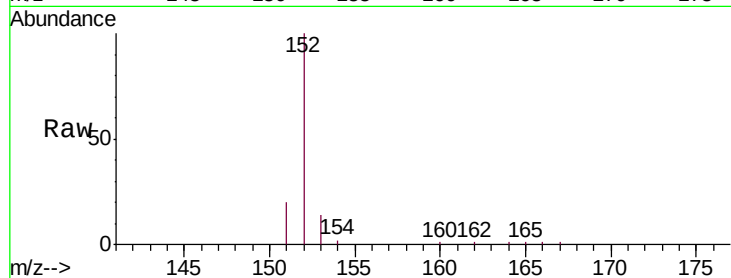
Tgt Ion:152 Resp: 9697

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.9 10.7 16.1



#8

Acenaphthene

Concen: 0.411 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN004070.D

Acq: 18 Dec 2018 11:26

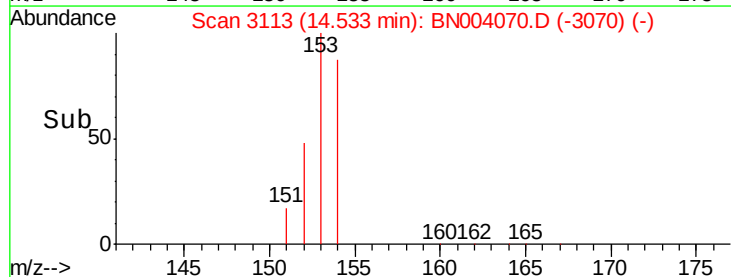
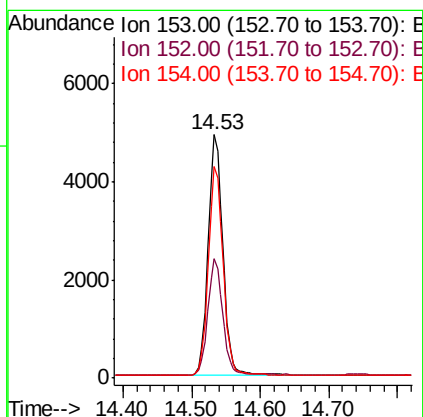
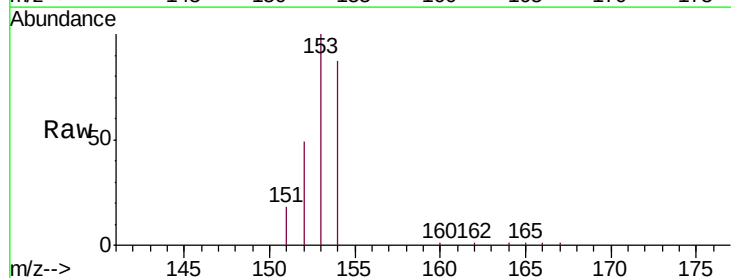
Tgt Ion:153 Resp: 7323

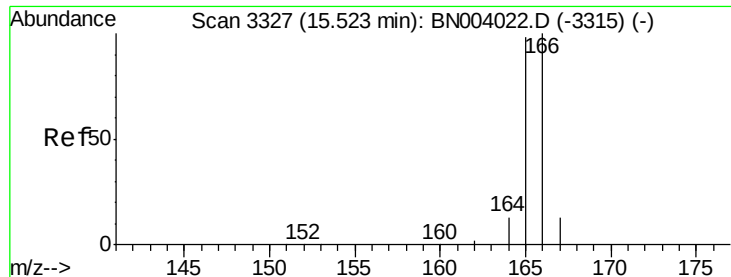
Ion Ratio Lower Upper

153 100

152 49.2 39.3 58.9

154 86.9 70.3 105.5





#9

Fluorene

Concen: 0.412 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. 0.00 min

Lab File: BN004070.D

Acq: 18 Dec 2018 11:26

Instrument :

BNA_N

ClientSampleId :

DFTPP72

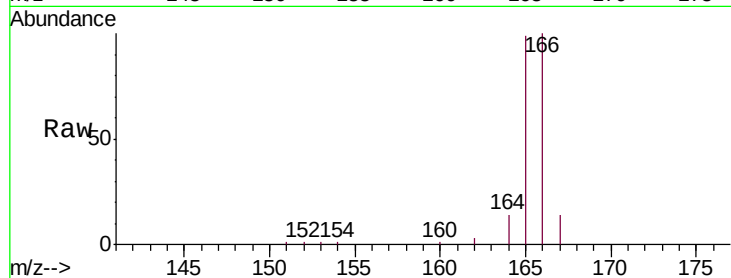
Tgt Ion:166 Resp: 8563

Ion Ratio Lower Upper

166 100

165 98.7 78.3 117.5

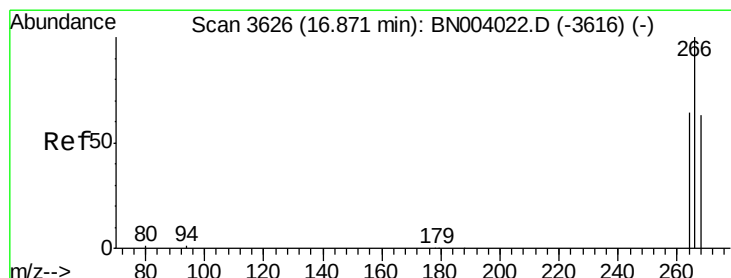
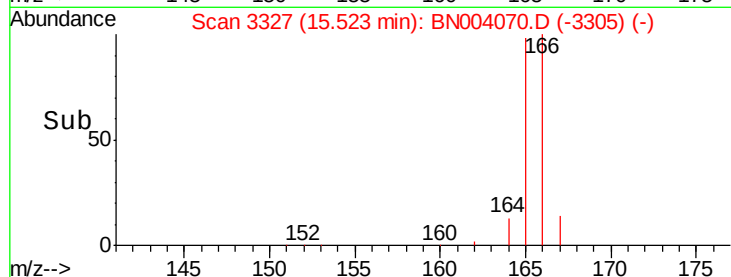
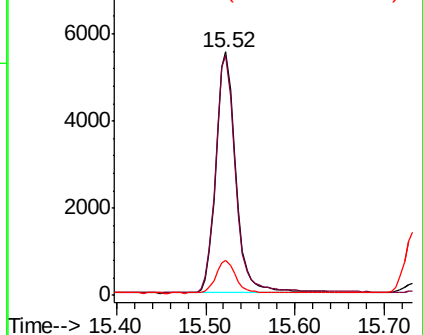
167 14.4 11.3 16.9



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: 0.374 ng/ul

RT: 16.88 min Scan# 3628

Delta R.T. 0.00 min

Lab File: BN004070.D

Acq: 18 Dec 2018 11:26

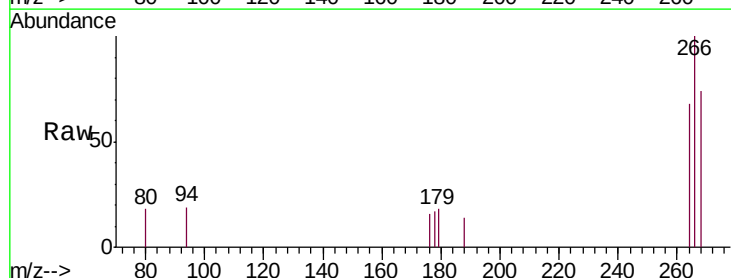
Tgt Ion:266 Resp: 784

Ion Ratio Lower Upper

266 100

264 63.1 49.4 74.2

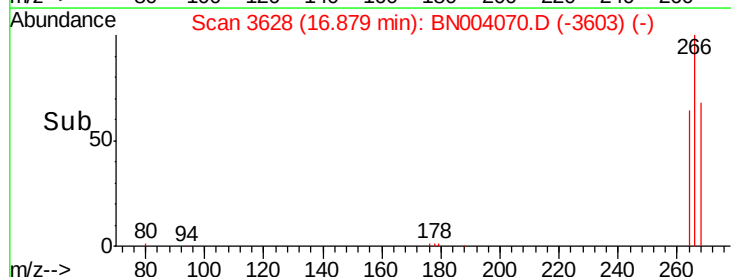
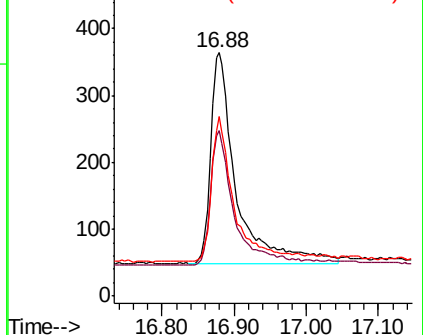
268 65.9 51.7 77.5

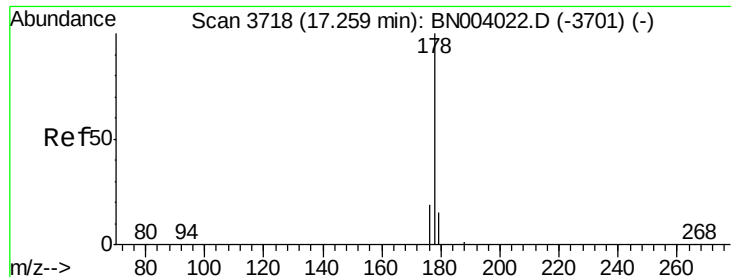


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

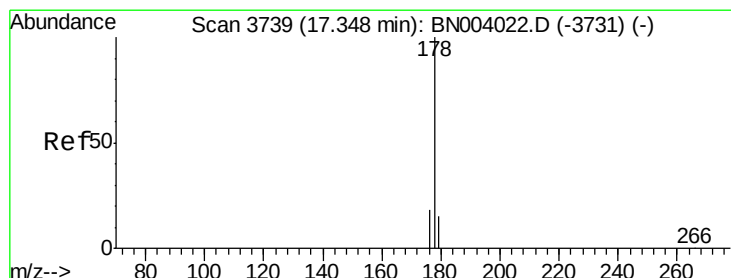
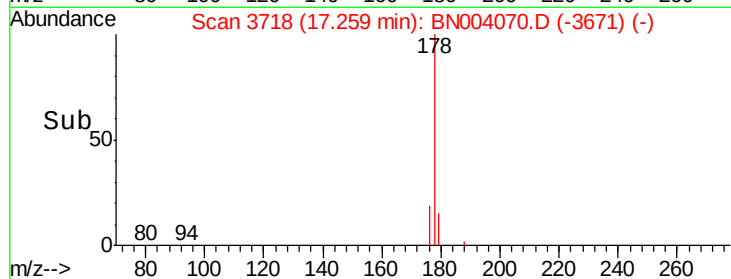
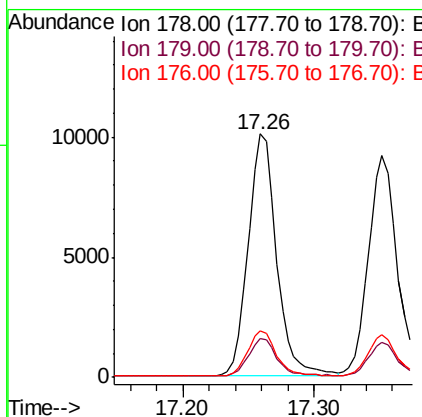
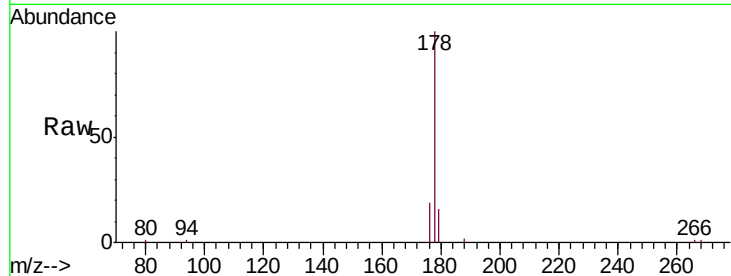




#12
 Phenanthrene
 Concen: 0.396 ng/ul
 RT: 17.26 min Scan# 3718
 Delta R.T. 0.00 min
 Lab File: BN004070.D
 Acq: 18 Dec 2018 11:26

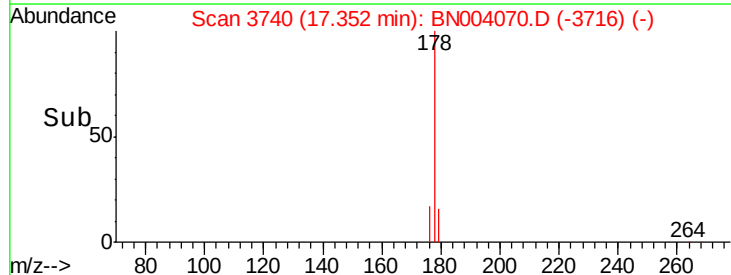
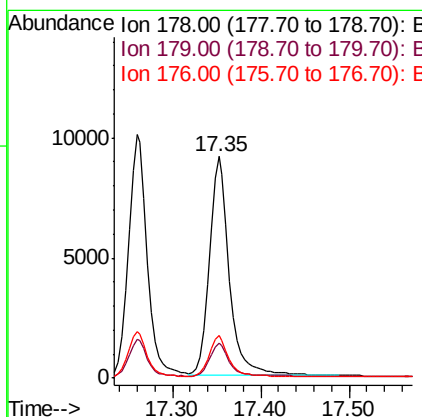
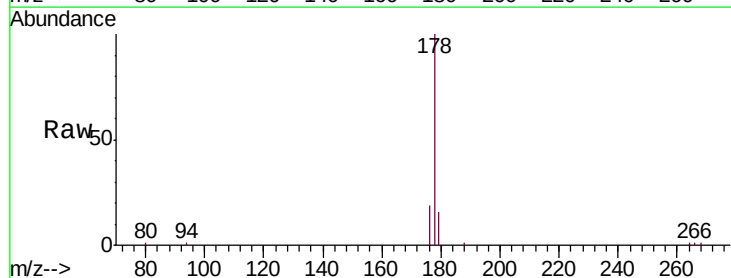
Instrument :
 BNA_N
 ClientSampleId :
 DFTPP72

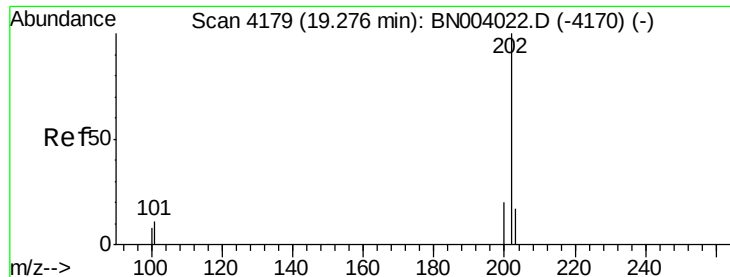
Tgt Ion:178 Resp: 15140
 Ion Ratio Lower Upper
 178 100
 179 15.7 12.5 18.7
 176 19.3 15.0 22.4



#13
 Anthracene
 Concen: 0.460 ng/ul
 RT: 17.35 min Scan# 3740
 Delta R.T. 0.00 min
 Lab File: BN004070.D
 Acq: 18 Dec 2018 11:26

Tgt Ion:178 Resp: 14470
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.3 18.5
 176 19.1 14.8 22.2

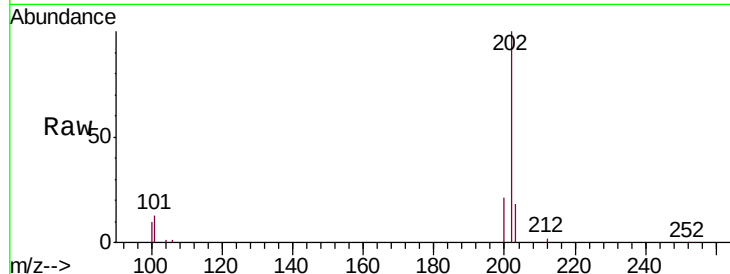




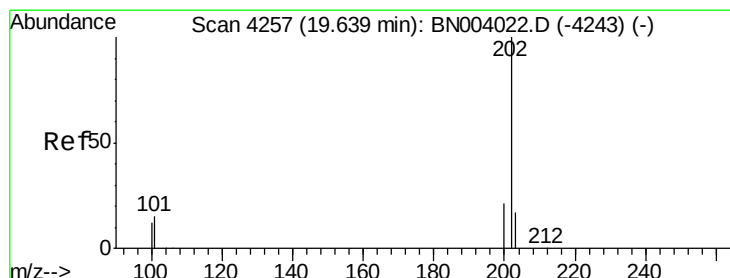
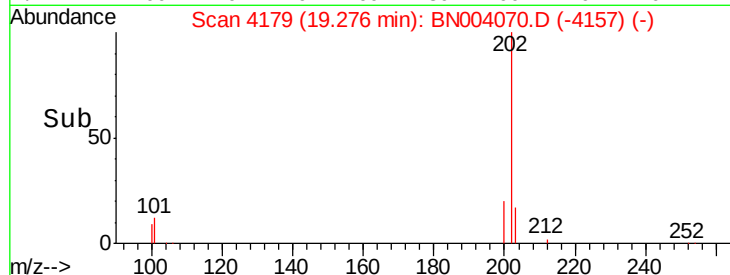
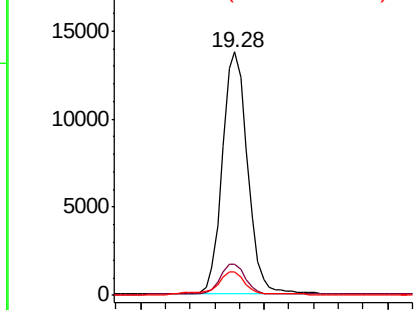
#15
Fluoranthene
 Concen: 0.431 ng/ul
 RT: 19.28 min Scan# 4179
 Delta R.T. 0.00 min
 Lab File: BN004070.D
 Acq: 18 Dec 2018 11:26

Instrument :
 BNA_N
 ClientSampleId :
 DFTPP72

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	30.7
100	9.9	0.0	28.1

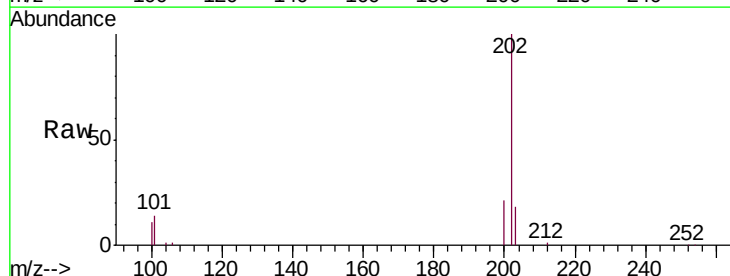


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

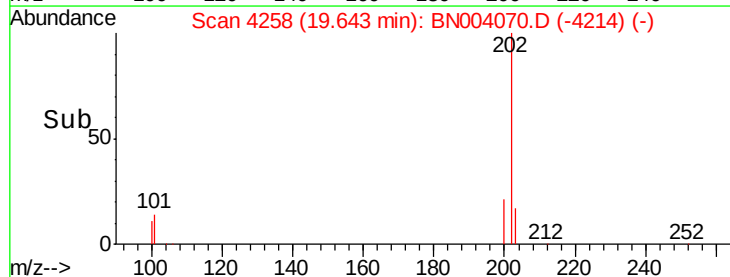
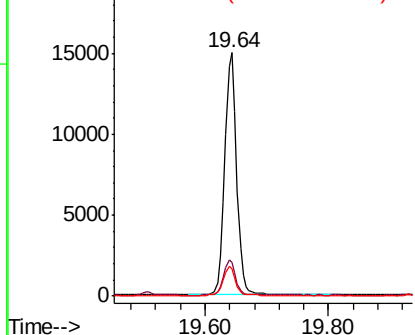


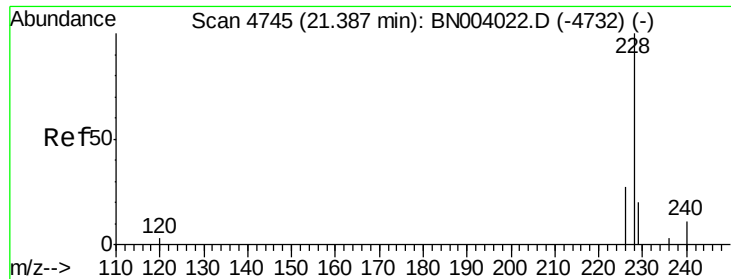
#17
Pyrene
 Concen: 0.430 ng/ul
 RT: 19.64 min Scan# 4258
 Delta R.T. 0.00 min
 Lab File: BN004070.D
 Acq: 18 Dec 2018 11:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	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: 0.467 ng/ul

RT: 21.39 min Scan# 4746

Delta R.T. 0.00 min

Lab File: BN004070.D

Acq: 18 Dec 2018 11:26

Instrument :

BNA_N

ClientSampleId :

DFTPP72

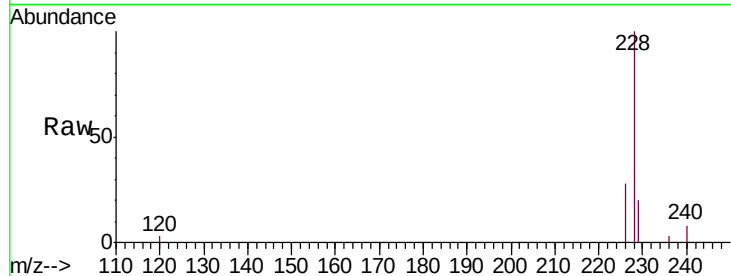
Tgt Ion:228 Resp: 19207

Ion Ratio Lower Upper

228 100

229 20.3 15.6 23.4

226 27.6 21.1 31.7

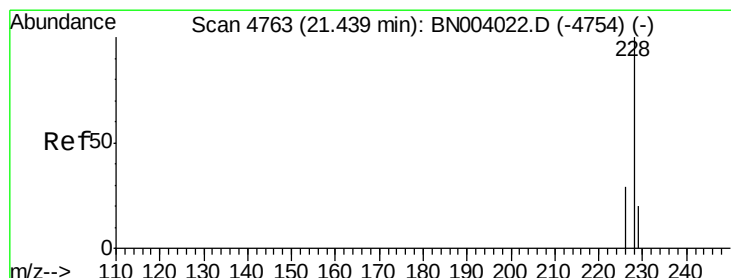
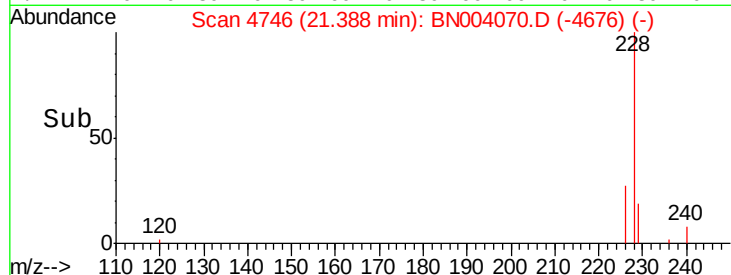
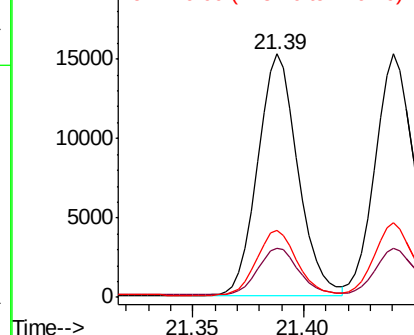


Abundance

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: 0.395 ng/ul

RT: 21.44 min Scan# 4764

Delta R.T. 0.00 min

Lab File: BN004070.D

Acq: 18 Dec 2018 11:26

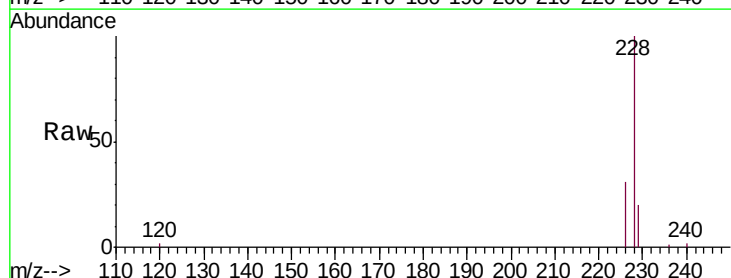
Tgt Ion:228 Resp: 18613

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

229 20.3 15.7 23.5

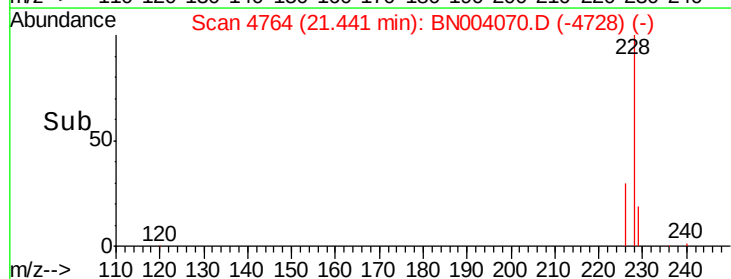
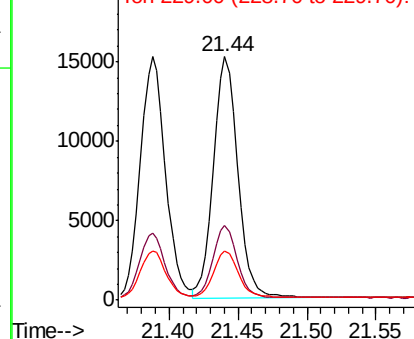


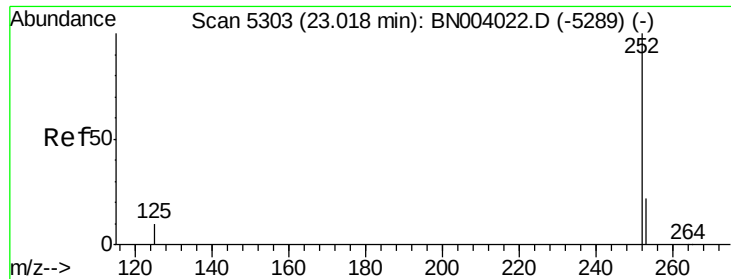
Abundance

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: 0.367 ng/ul

RT: 23.02 min Scan# 5305

Delta R.T. 0.01 min

Lab File: BN004070.D

Acq: 18 Dec 2018 11:26

Instrument :

BNA_N

ClientSampleId :

DFTPP72

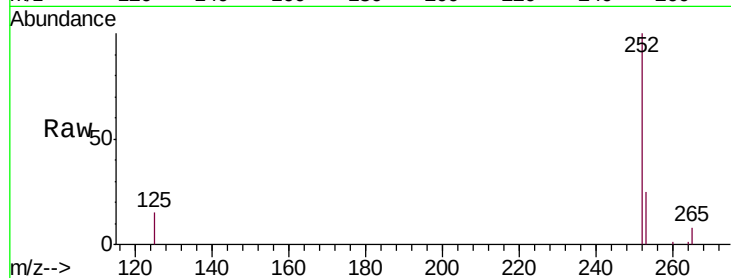
Tgt Ion:252 Resp: 18449

Ion Ratio Lower Upper

252 100

253 24.7 0.0 46.0

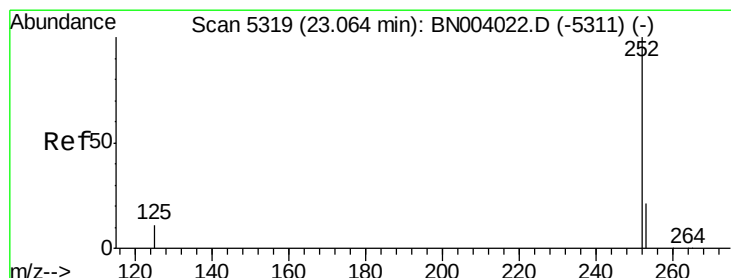
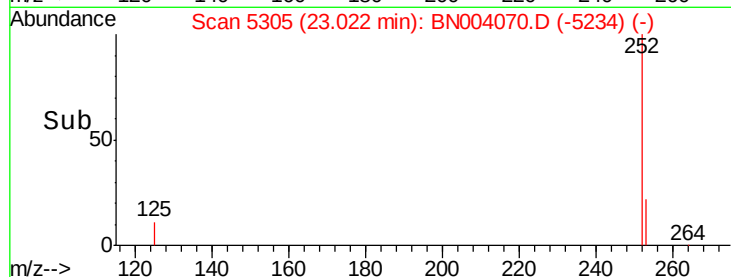
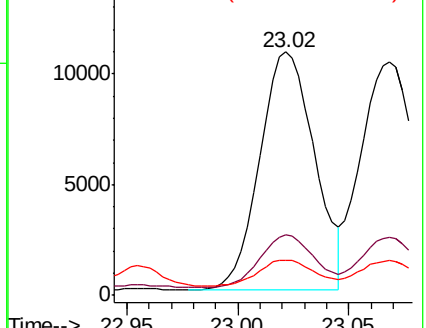
125 14.6 0.0 22.4



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: 0.379 ng/ul

RT: 23.07 min Scan# 5321

Delta R.T. 0.01 min

Lab File: BN004070.D

Acq: 18 Dec 2018 11:26

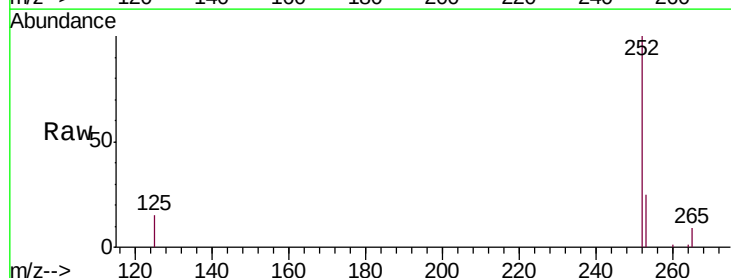
Tgt Ion:252 Resp: 18601

Ion Ratio Lower Upper

252 100

253 24.6 18.5 27.7

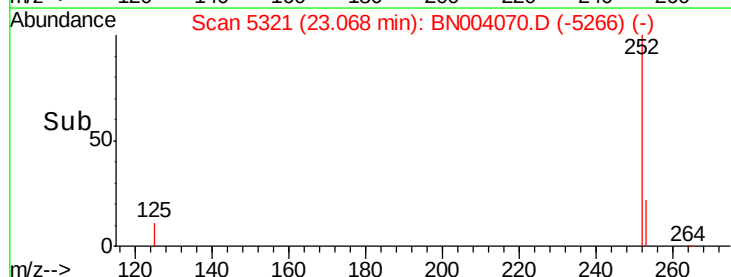
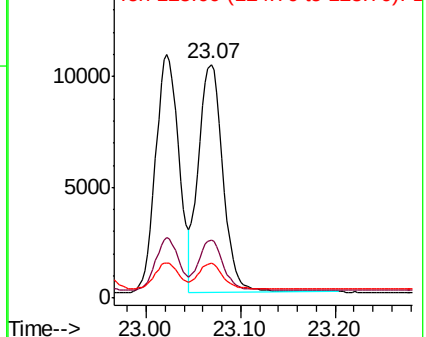
125 14.9 9.0 13.6#

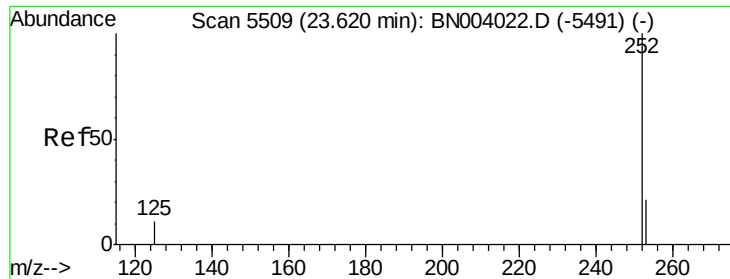


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.402 ng/ul

RT: 23.63 min Scan# 5512

Delta R.T. 0.01 min

Lab File: BN004070.D

Acq: 18 Dec 2018 11:26

Instrument :

BNA_N

ClientSampleId :

DFTPP72

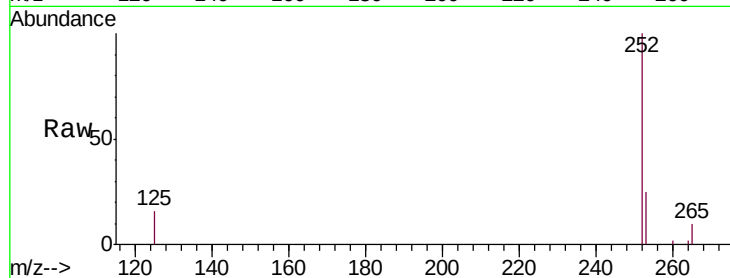
Tgt Ion: 252 Resp: 17496

Ion Ratio Lower Upper

252 100

253 25.3 19.0 28.4

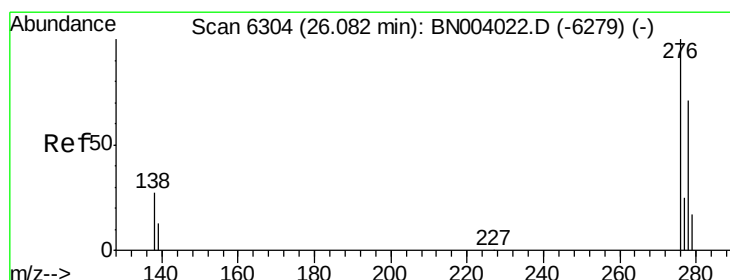
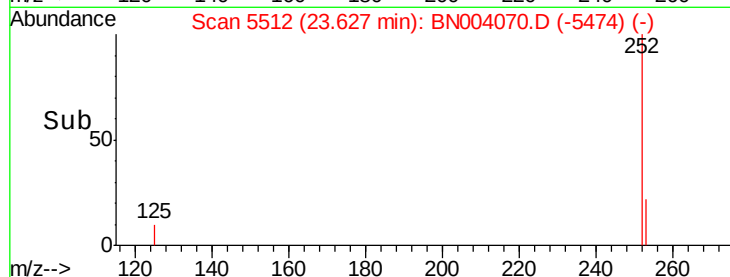
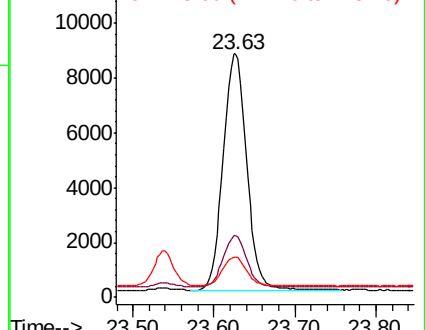
125 16.4 10.2 15.4#



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: 0.406 ng/ul

RT: 26.09 min Scan# 6307

Delta R.T. 0.01 min

Lab File: BN004070.D

Acq: 18 Dec 2018 11:26

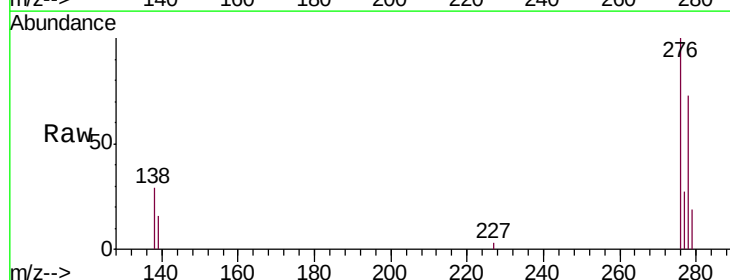
Tgt Ion: 276 Resp: 20263

Ion Ratio Lower Upper

276 100

138 26.8 20.3 30.5

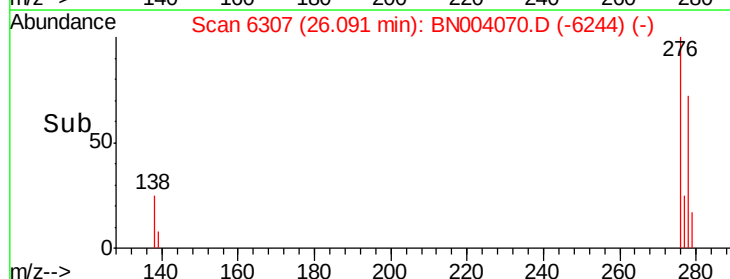
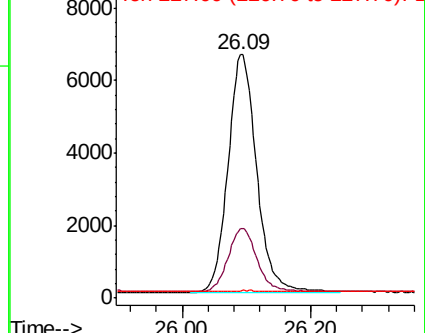
227 0.1 0.2 0.2#

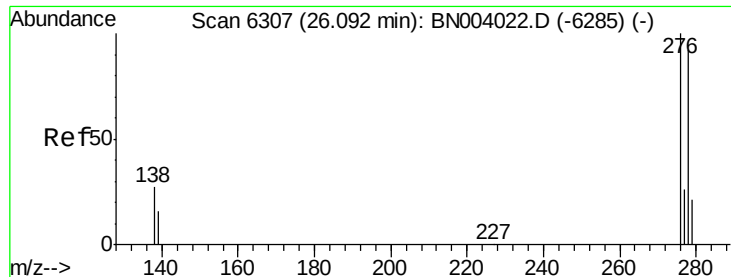


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.409 ng/ul

RT: 26.10 min Scan# 6309

Delta R.T. 0.01 min

Lab File: BN004070.D

Acq: 18 Dec 2018 11:26

Instrument :

BNA_N

ClientSampleId :

DFTPP72

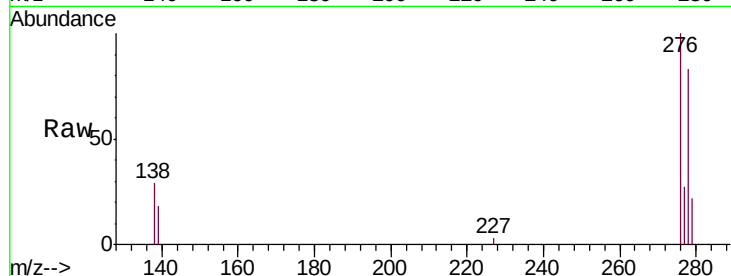
Tgt Ion:278 Resp: 16459

Ion Ratio Lower Upper

278 100

139 21.6 14.2 21.4#

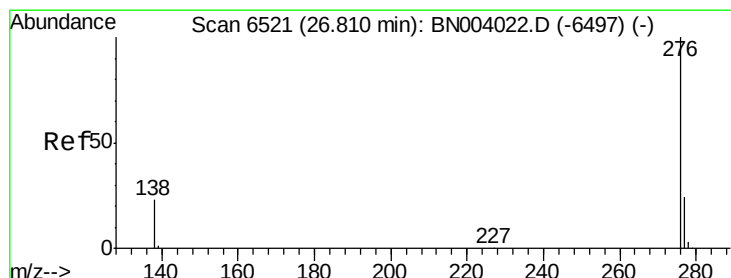
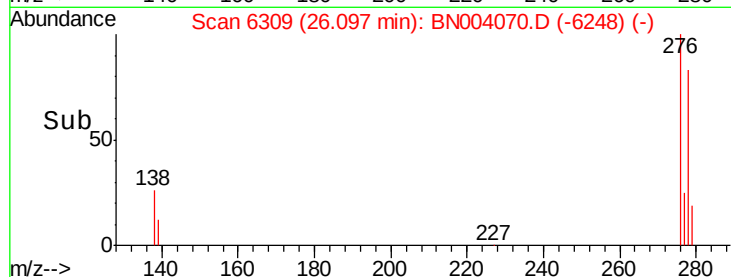
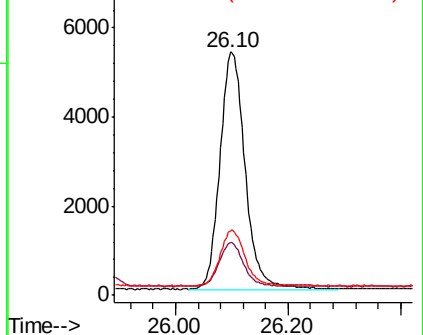
279 26.2 19.8 29.6



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: 0.391 ng/ul

RT: 26.82 min Scan# 6525

Delta R.T. 0.01 min

Lab File: BN004070.D

Acq: 18 Dec 2018 11:26

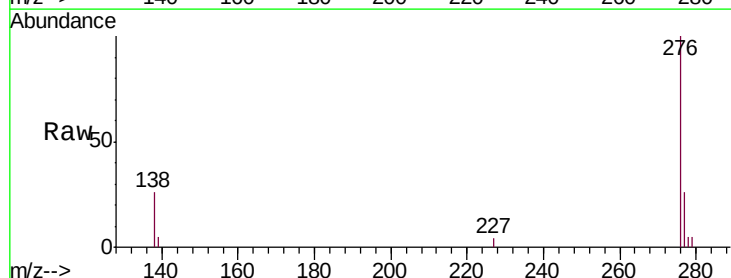
Tgt Ion:276 Resp: 16964

Ion Ratio Lower Upper

276 100

138 25.8 17.7 26.5

277 26.0 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

