

Data File : BN004051.D
Acq On : 18 Dec 2018 00:17
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.426

Quant Time: Dec 18 04:34:39 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 04:29:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1251	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	6627	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4030	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	10267	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	11975	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	10901	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4237	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	13282	0.44	ng/ul	0.00

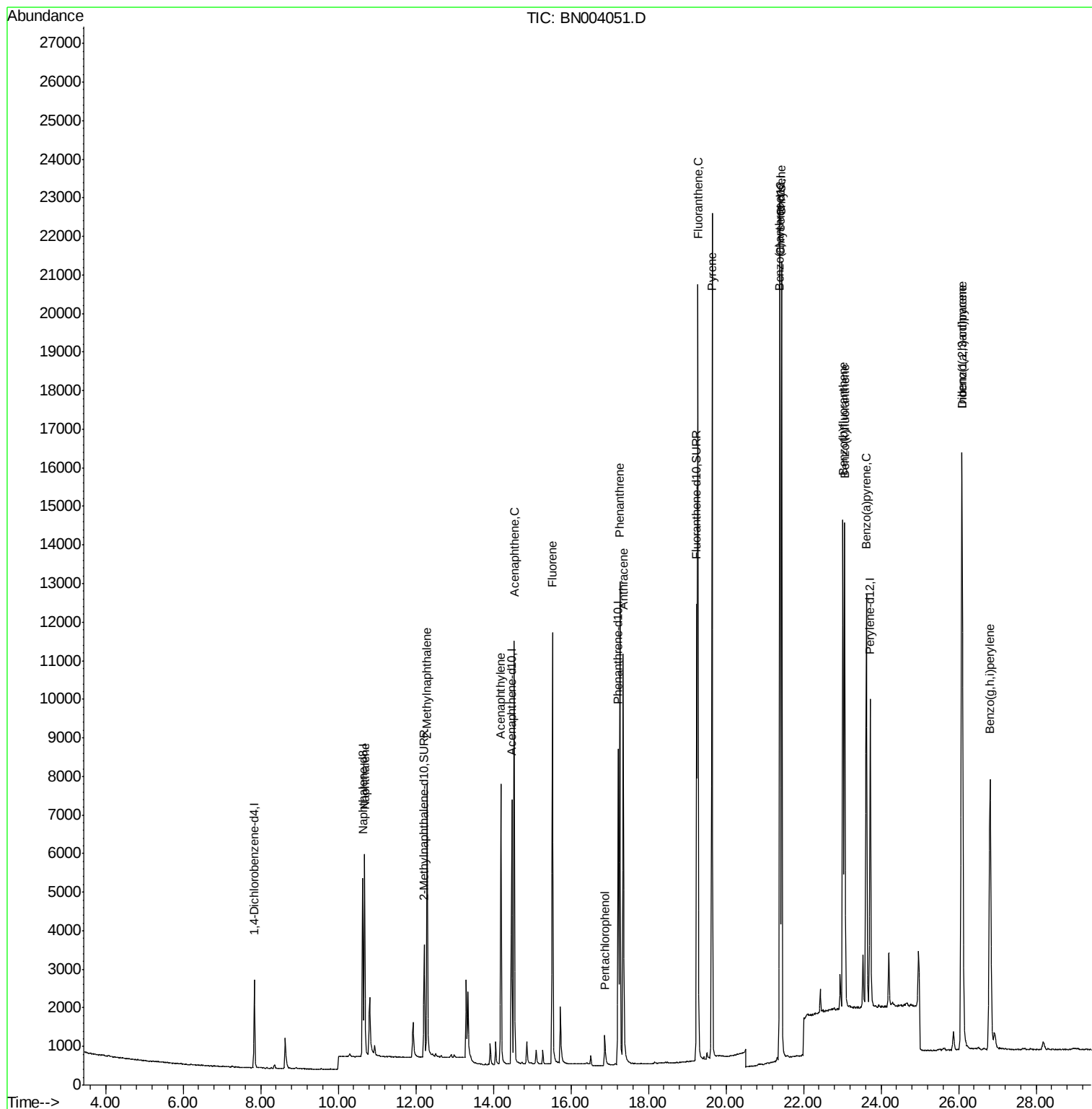
Target Compounds					Qvalue
3) Naphthalene	10.68	128	7526	0.404	ng/ul 98
5) 2-Methylnaphthalene	12.29	142	5598	0.431	ng/ul 99
7) Acenaphthylene	14.19	152	8606	0.474	ng/ul 99
8) Acenaphthene	14.53	153	6551	0.412	ng/ul 99
9) Fluorene	15.52	166	7596	0.410	ng/ul 99
11) Pentachlorophenol	16.87	266	796	0.430	ng/ul 99
12) Phenanthrene	17.26	178	13519	0.401	ng/ul 99
13) Anthracene	17.35	178	12800	0.462	ng/ul 99
15) Fluoranthene	19.28	202	17709	0.445	ng/ul 97
17) Pyrene	19.64	202	18110	0.422	ng/ul 97
18) Benzo(a)anthracene	21.38	228	17381	0.460	ng/ul 98
19) Chrysene	21.44	228	17066	0.394	ng/ul 99
21) Benzo(b)fluoranthene	23.01	252	16698	0.370	ng/ul 95
22) Benzo(k)fluoranthene	23.06	252	16650	0.379	ng/ul# 96
23) Benzo(a)pyrene	23.62	252	15696	0.402	ng/ul# 95
24) Indeno(1,2,3-cd)pyrene	26.08	276	18425	0.411	ng/ul 97
25) Dibenzo(a,h)anthracene	26.09	278	14828	0.411	ng/ul 96
26) Benzo(g,h,i)perylene	26.81	276	15656	0.402	ng/ul 96

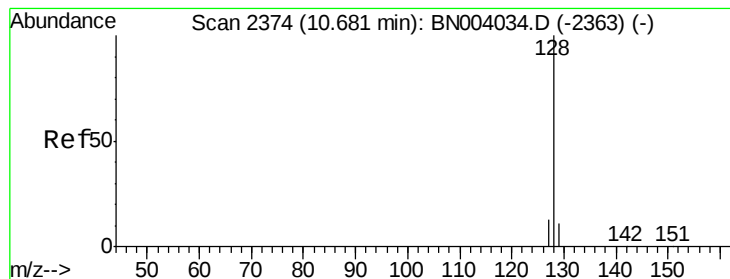
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN004051.D
Acq On : 18 Dec 2018 00:17
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.426

Quant Time: Dec 18 04:34:39 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 04:29:07 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.404 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BN004051.D

Acq: 18 Dec 2018 00:17

Instrument :

BNA_N

ClientSampleId :

SSTD0.426

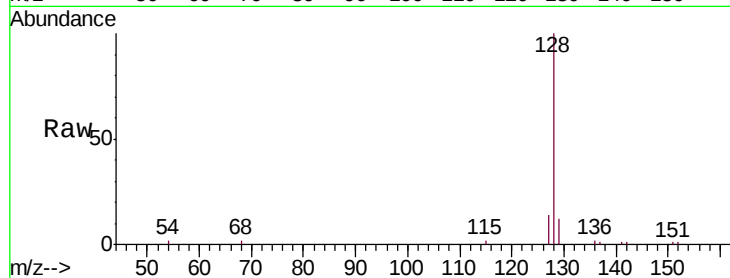
Tgt Ion:128 Resp: 7526

Ion Ratio Lower Upper

128 100

129 12.4 9.0 13.6

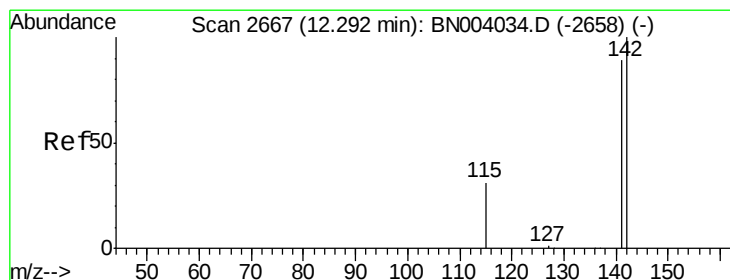
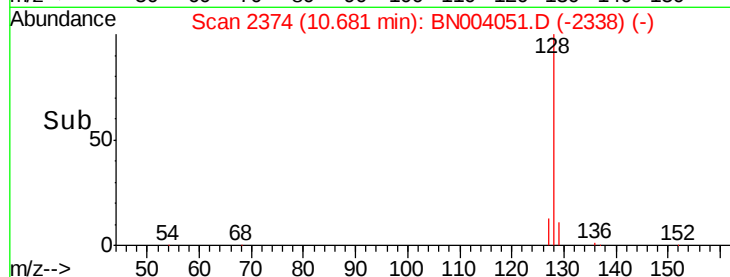
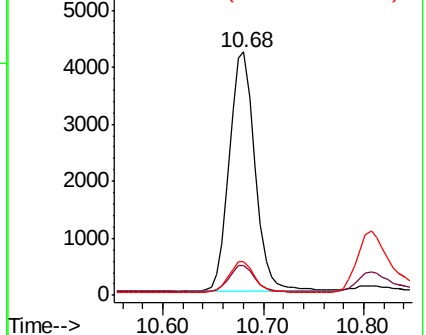
127 13.7 10.5 15.7



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: BN004051.D

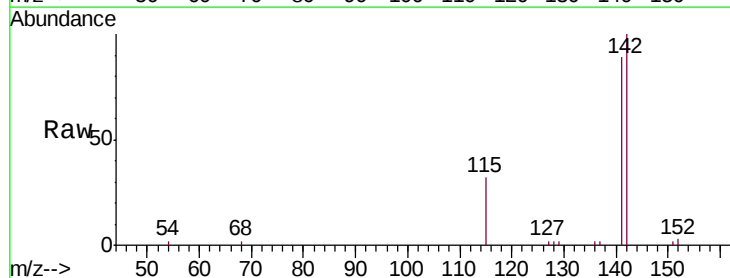
Acq: 18 Dec 2018 00:17

Tgt Ion:142 Resp: 5598

Ion Ratio Lower Upper

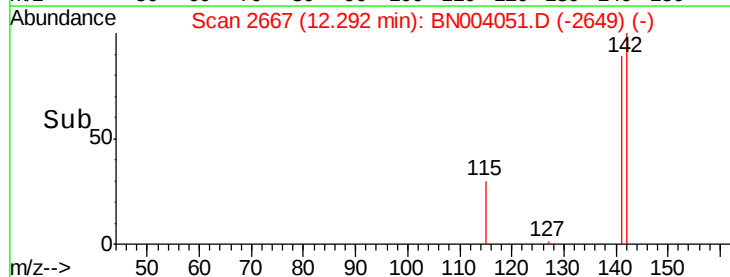
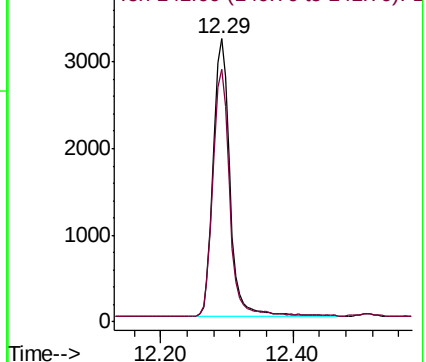
142 100

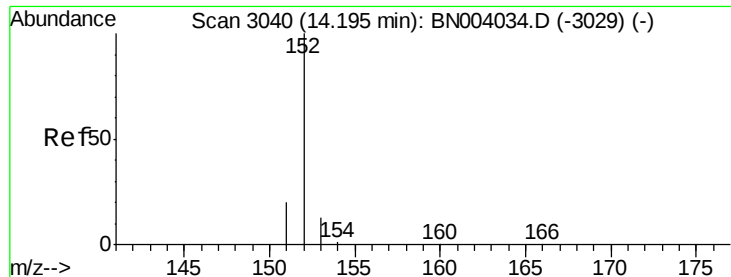
141 90.6 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.474 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN004051.D

Acq: 18 Dec 2018 00:17

Instrument :

BNA_N

ClientSampleId :

SSTD0.426

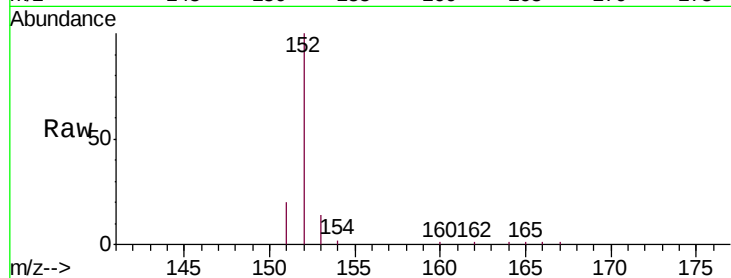
Tgt Ion:152 Resp: 8606

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

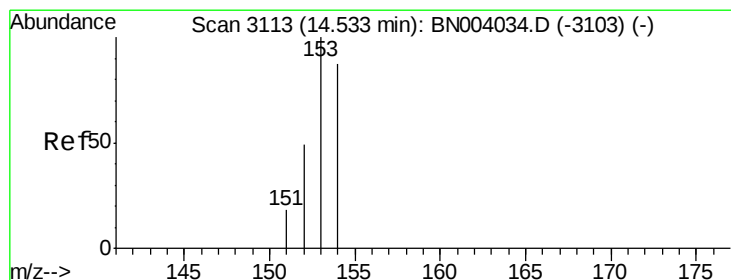
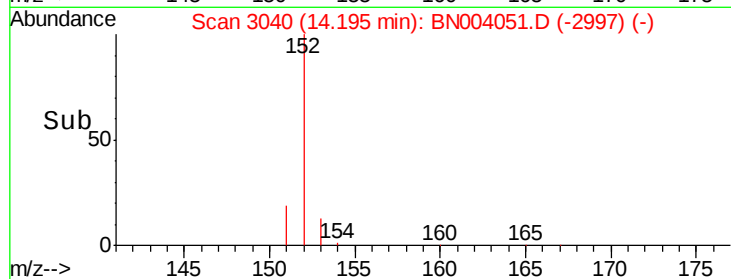
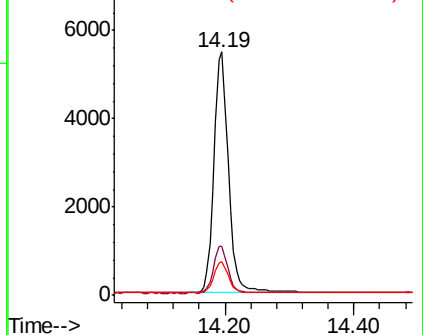
153 13.9 10.7 16.1



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: 0.412 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN004051.D

Acq: 18 Dec 2018 00:17

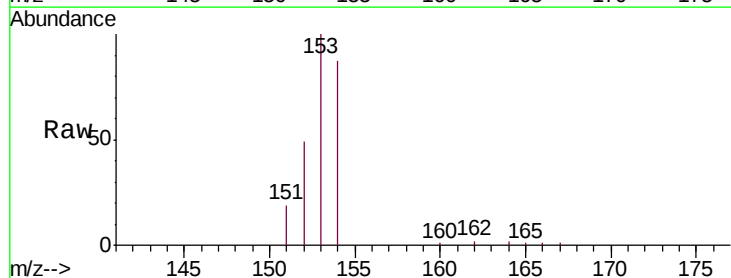
Tgt Ion:153 Resp: 6551

Ion Ratio Lower Upper

153 100

152 49.5 39.3 58.9

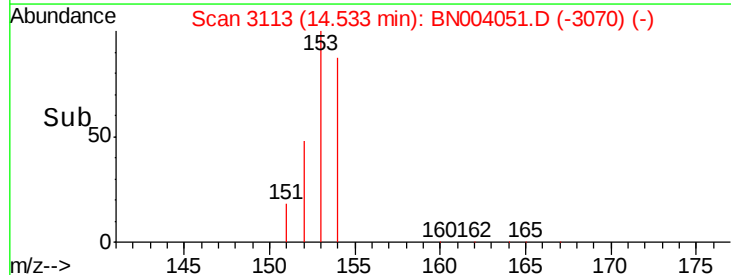
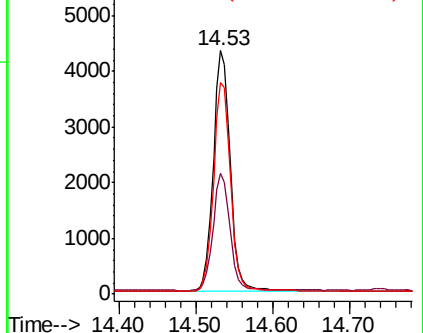
154 86.9 70.3 105.5

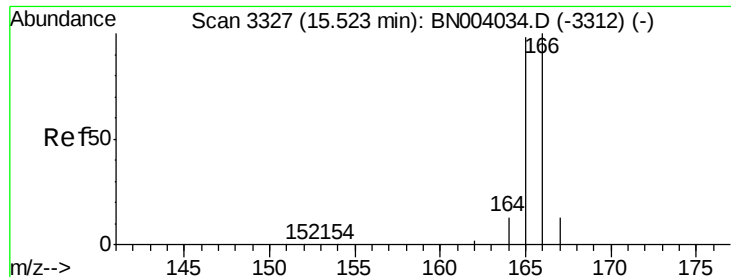


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.410 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. -0.00 min

Lab File: BN004051.D

Acq: 18 Dec 2018 00:17

Instrument :

BNA_N

ClientSampleId :

SSTD0.426

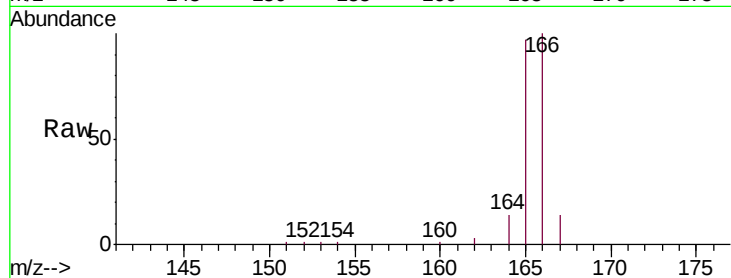
Tgt Ion:166 Resp: 7596

Ion Ratio Lower Upper

166 100

165 97.0 78.3 117.5

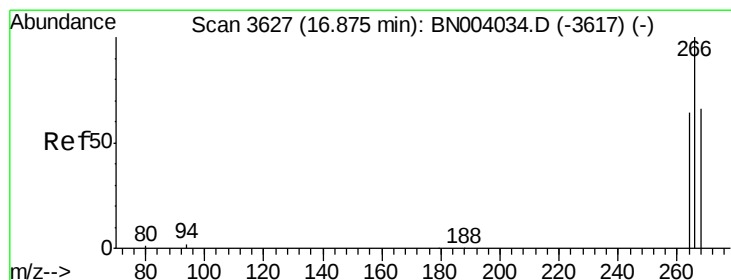
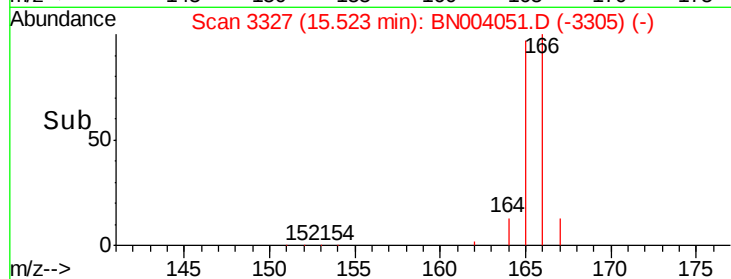
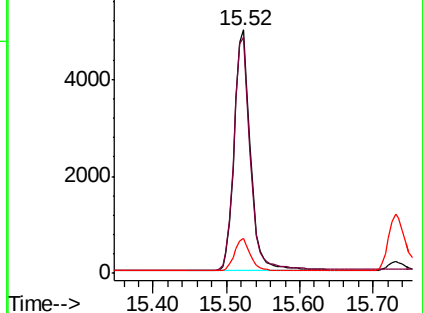
167 14.2 11.3 16.9



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: 0.430 ng/ul

RT: 16.87 min Scan# 3627

Delta R.T. -0.00 min

Lab File: BN004051.D

Acq: 18 Dec 2018 00:17

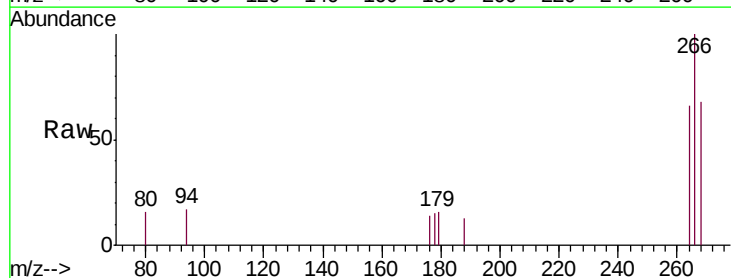
Tgt Ion:266 Resp: 796

Ion Ratio Lower Upper

266 100

264 63.3 49.4 74.2

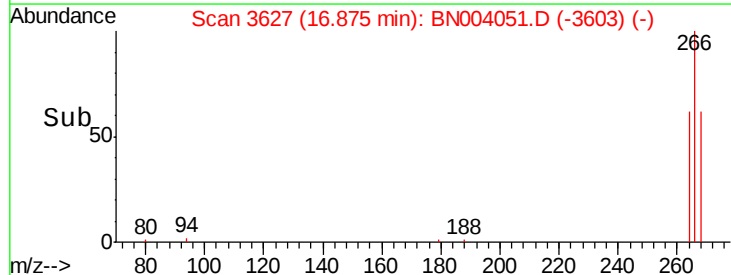
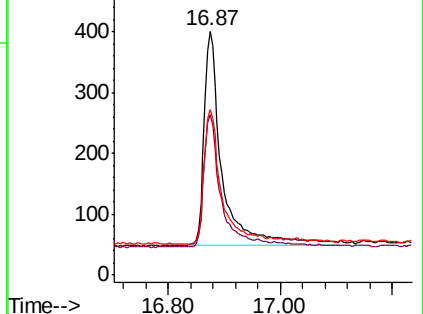
268 64.7 51.7 77.5

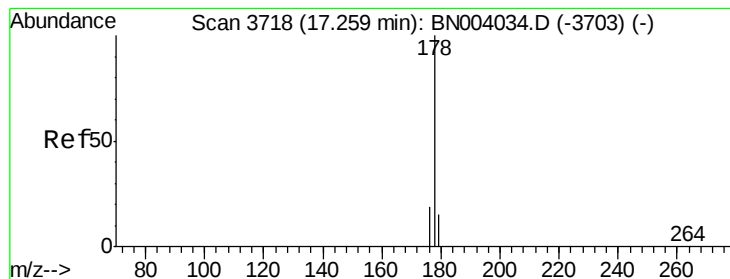


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

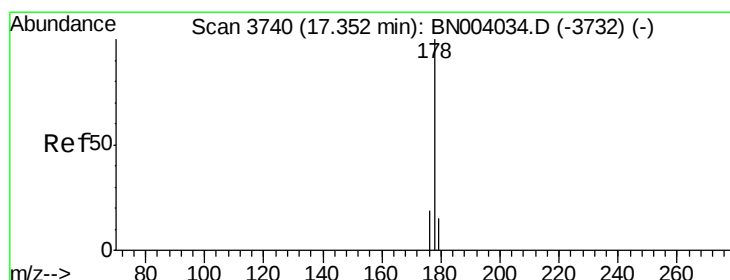
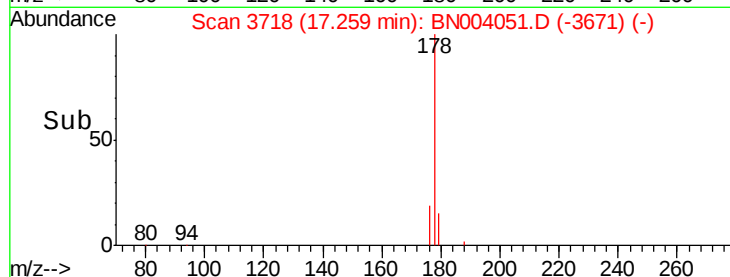
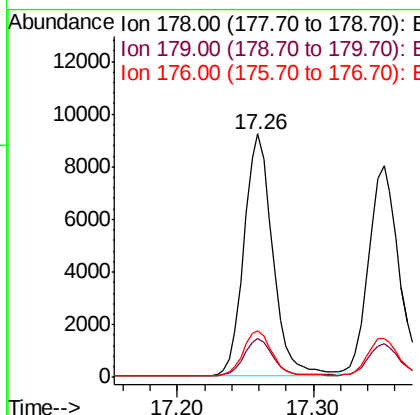
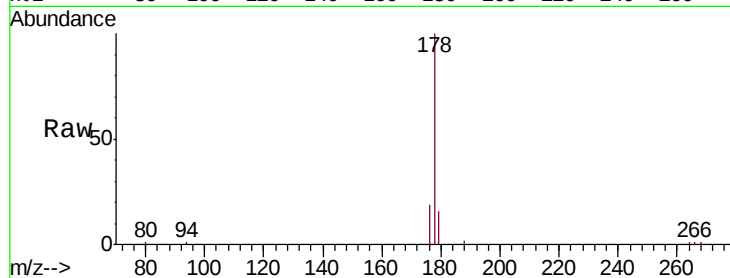




#12
Phenanthrene
Concen: 0.401 ng/ul
RT: 17.26 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BN004051.D
Acq: 18 Dec 2018 00:17

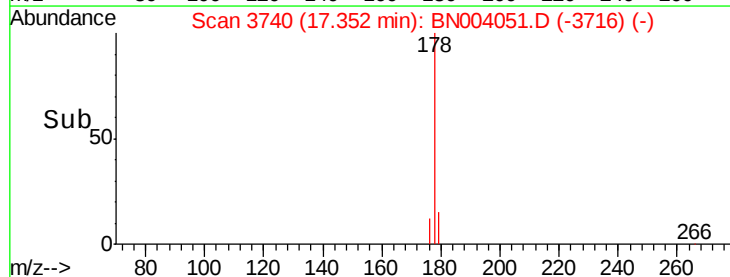
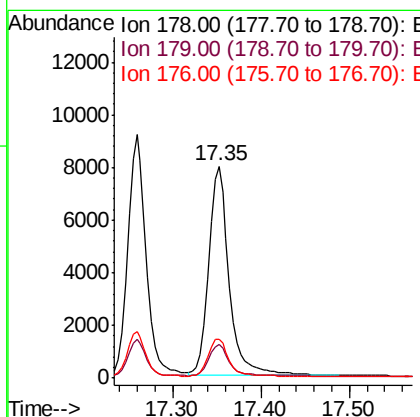
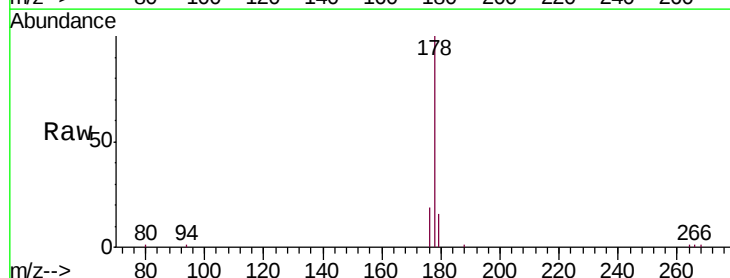
Instrument :
BNA_N
ClientSampleId :
SSTD0.426

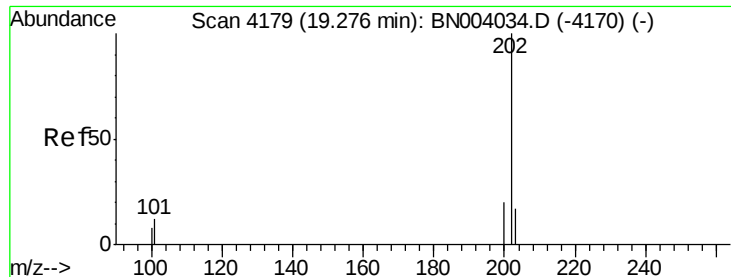
Tgt Ion:178 Resp: 13519
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 19.3 15.0 22.4



#13
Anthracene
Concen: 0.462 ng/ul
RT: 17.35 min Scan# 3740
Delta R.T. -0.00 min
Lab File: BN004051.D
Acq: 18 Dec 2018 00:17

Tgt Ion:178 Resp: 12800
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 18.6 14.8 22.2

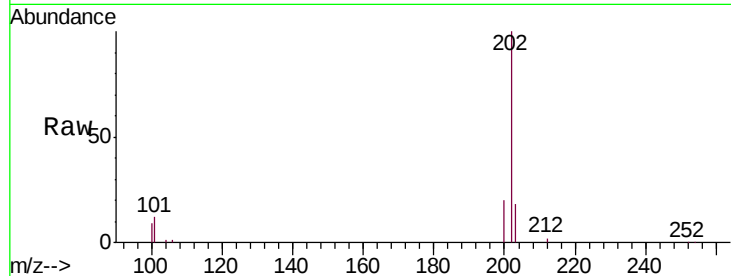




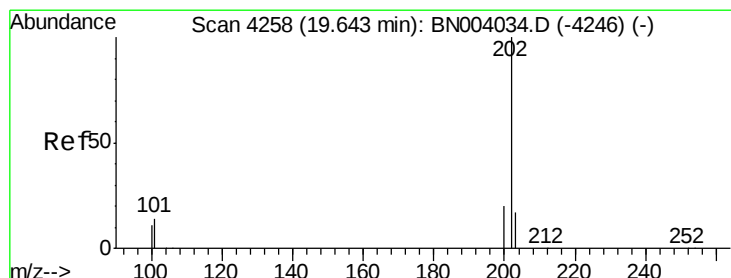
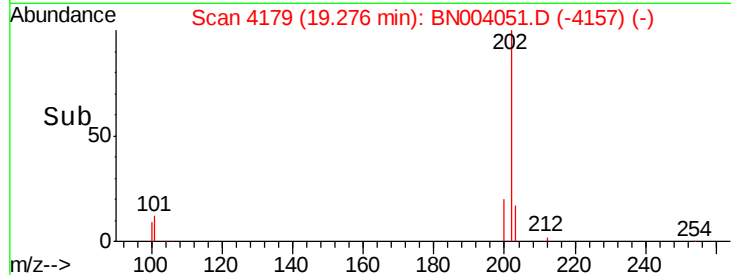
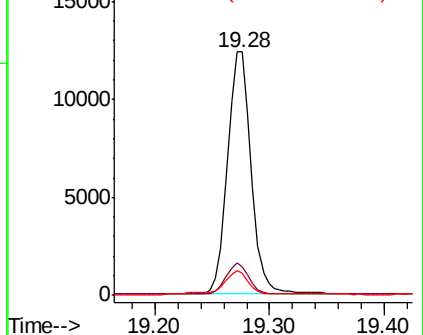
#15
Fluoranthene
Concen: 0.445 ng/ul
RT: 19.28 min Scan# 4179
Delta R.T. -0.00 min
Lab File: BN004051.D
Acq: 18 Dec 2018 00:17

Instrument :
BNA_N
ClientSampleId :
SSTD0.426

Tgt Ion:202 Resp: 17709
Ion Ratio Lower Upper
202 100
101 12.0 0.0 30.7
100 9.0 0.0 28.1

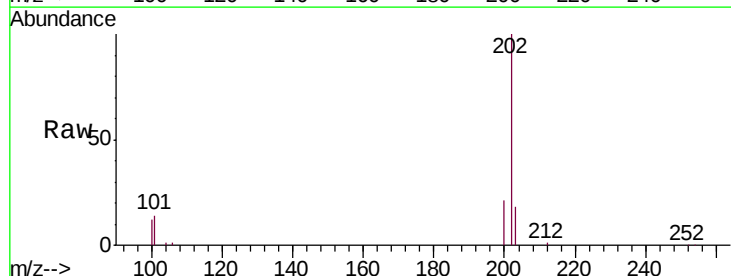


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

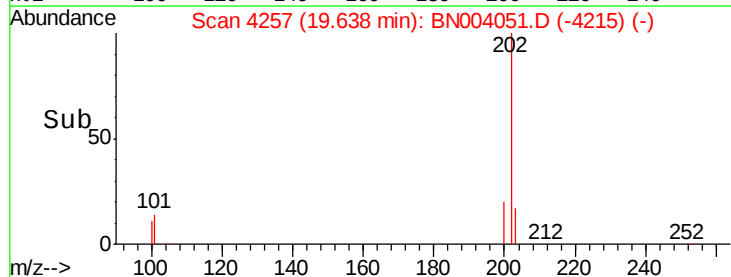
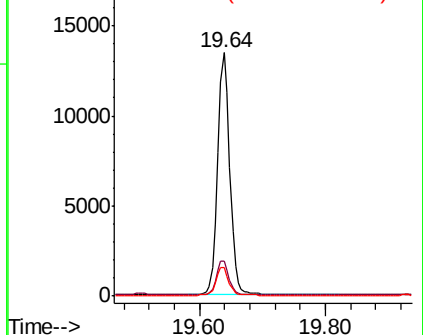


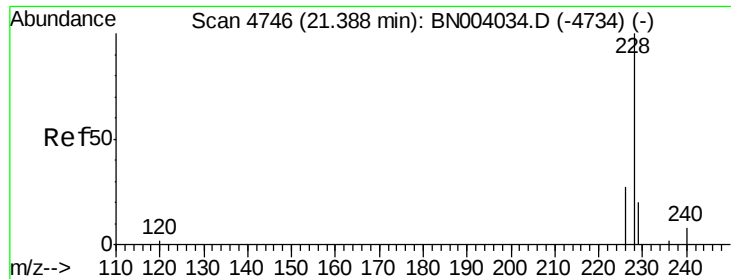
#17
Pyrene
Concen: 0.422 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. -0.00 min
Lab File: BN004051.D
Acq: 18 Dec 2018 00:17

Tgt Ion:202 Resp: 18110
Ion Ratio Lower Upper
202 100
101 14.3 10.3 15.5
100 11.5 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: 0.460 ng/ul

RT: 21.38 min Scan# 4744

Delta R.T. -0.00 min

Lab File: BN004051.D

Acq: 18 Dec 2018 00:17

Instrument :

BNA_N

ClientSampleId :

SSTD0.426

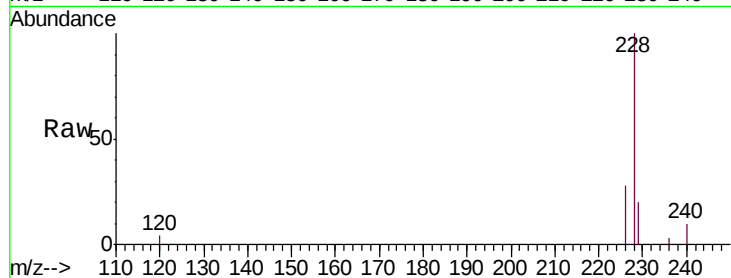
Tgt Ion:228 Resp: 17381

Ion Ratio Lower Upper

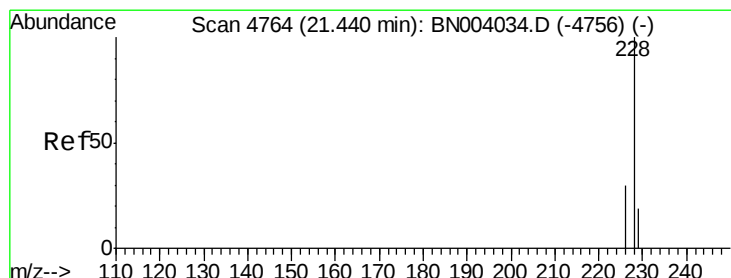
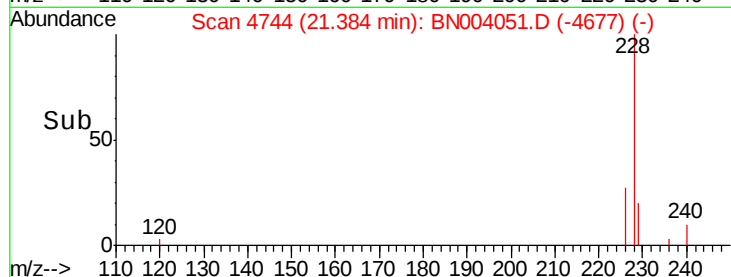
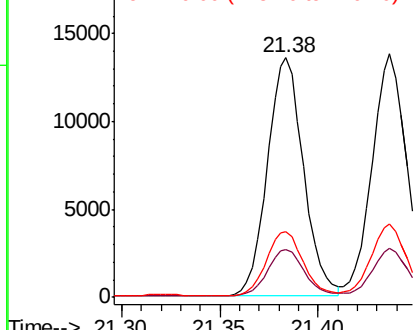
228 100

229 20.2 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: 0.394 ng/ul

RT: 21.44 min Scan# 4762

Delta R.T. -0.00 min

Lab File: BN004051.D

Acq: 18 Dec 2018 00:17

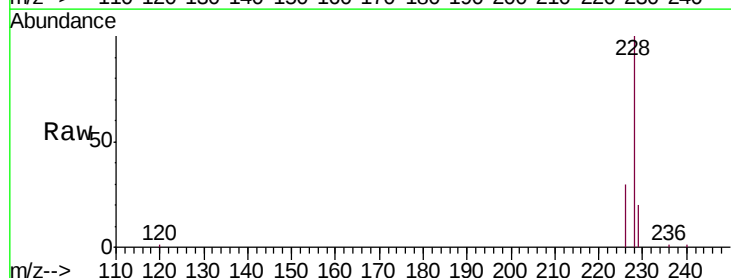
Tgt Ion:228 Resp: 17066

Ion Ratio Lower Upper

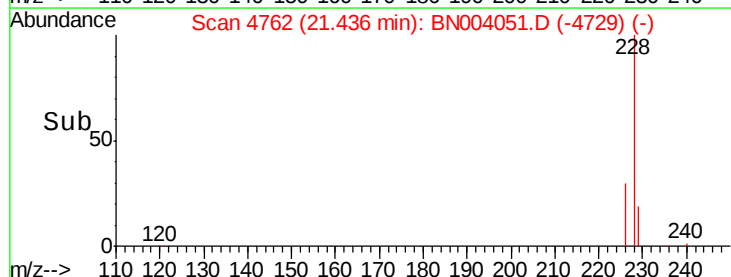
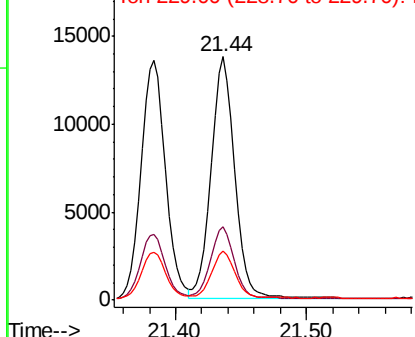
228 100

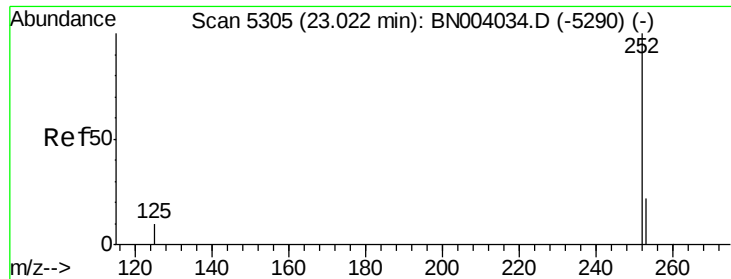
226 30.3 24.0 36.0

229 20.2 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: 0.370 ng/ul

RT: 23.01 min Scan# 5302

Delta R.T. -0.01 min

Lab File: BN004051.D

Acq: 18 Dec 2018 00:17

Instrument :

BNA_N

ClientSampleId :

SSTD0.426

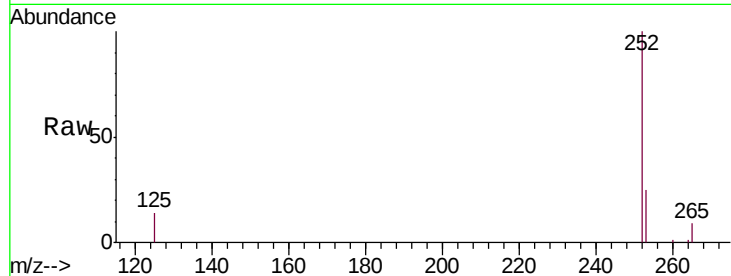
Tgt Ion:252 Resp: 16698

Ion Ratio Lower Upper

252 100

253 24.6 0.0 46.0

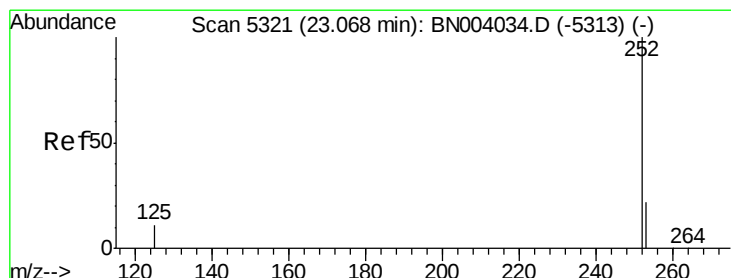
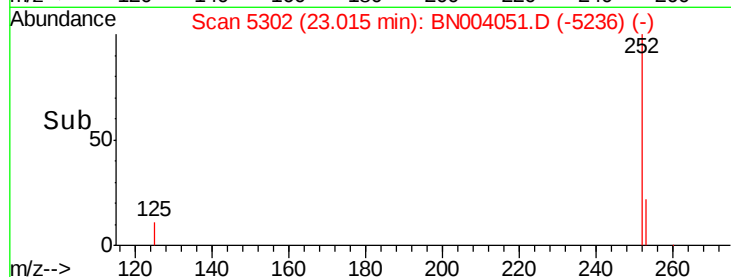
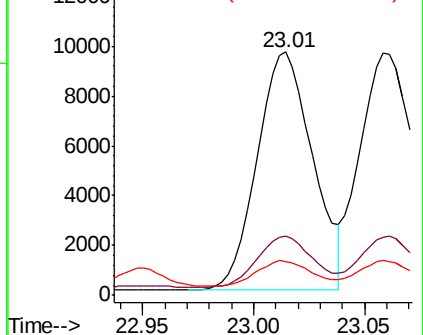
125 14.0 0.0 22.4



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: 23.06 min Scan# 5317

Delta R.T. -0.01 min

Lab File: BN004051.D

Acq: 18 Dec 2018 00:17

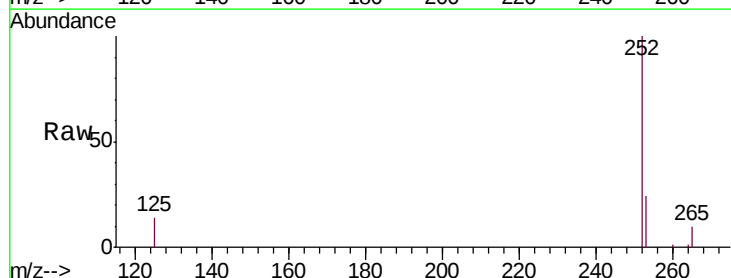
Tgt Ion:252 Resp: 16650

Ion Ratio Lower Upper

252 100

253 24.2 18.5 27.7

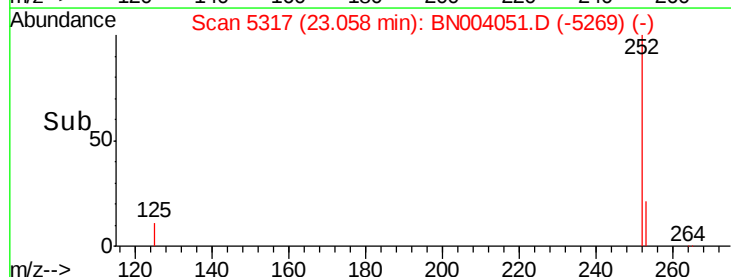
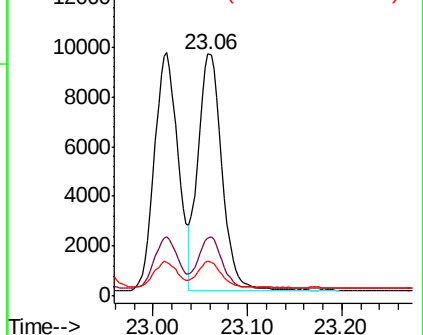
125 14.3 9.0 13.6#

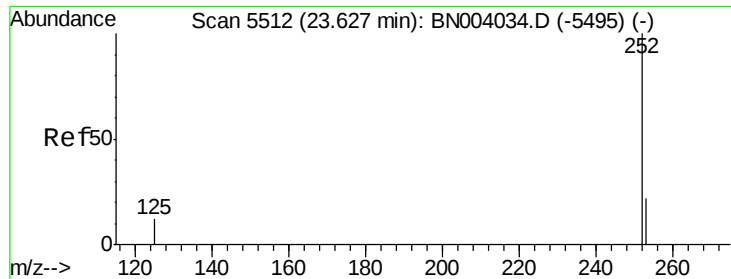


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.62 min Scan# 5508

Delta R.T. -0.01 min

Lab File: BN004051.D

Acq: 18 Dec 2018 00:17

Instrument :

BNA_N

ClientSampleId :

SSTD0.426

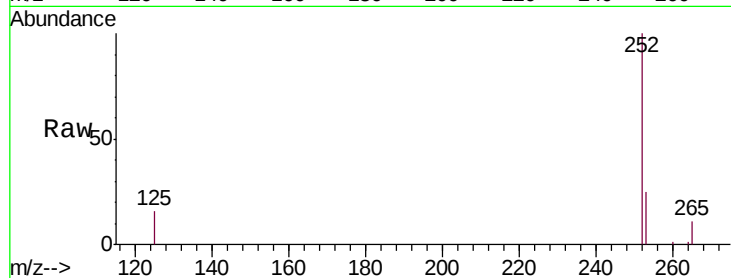
Tgt Ion:252 Resp: 15696

Ion Ratio Lower Upper

252 100

253 25.0 19.0 28.4

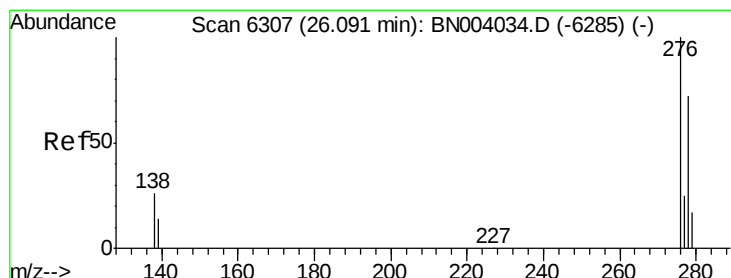
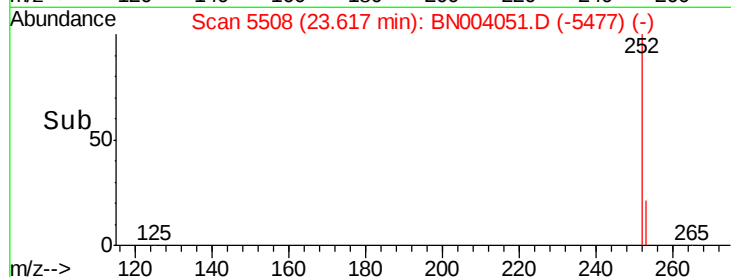
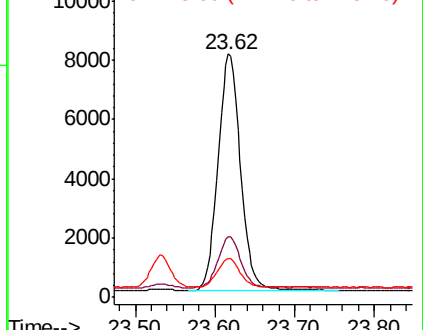
125 16.0 10.2 15.4#



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: 0.411 ng/ul

RT: 26.08 min Scan# 6303

Delta R.T. -0.01 min

Lab File: BN004051.D

Acq: 18 Dec 2018 00:17

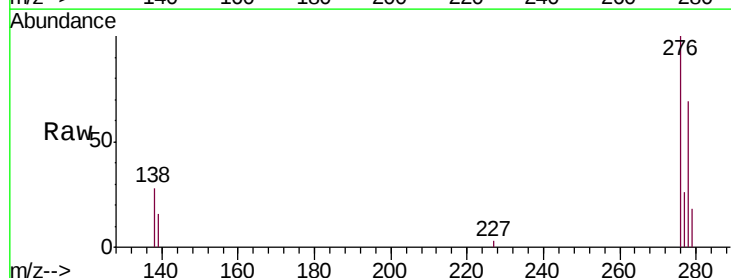
Tgt Ion:276 Resp: 18425

Ion Ratio Lower Upper

276 100

138 26.8 20.3 30.5

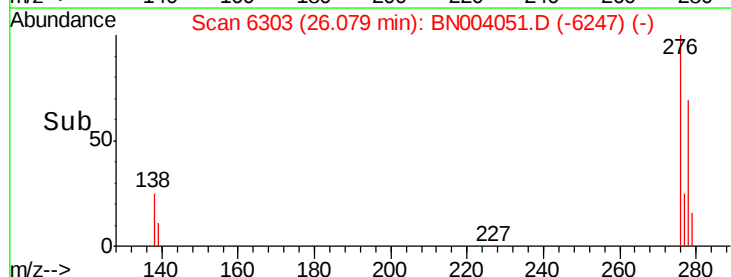
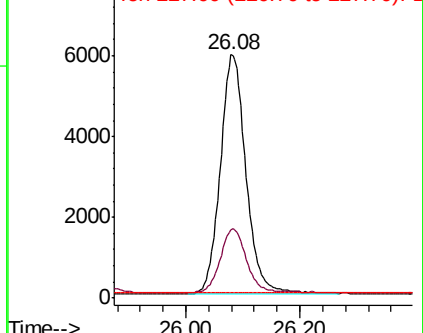
227 0.2 0.2 0.2

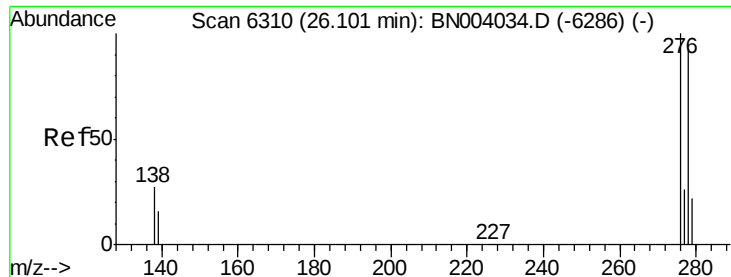


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.411 ng/ul

RT: 26.09 min Scan# 6307

Delta R.T. -0.01 min

Lab File: BN004051.D

Acq: 18 Dec 2018 00:17

Instrument :

BNA_N

ClientSampleId :

SSTD0.426

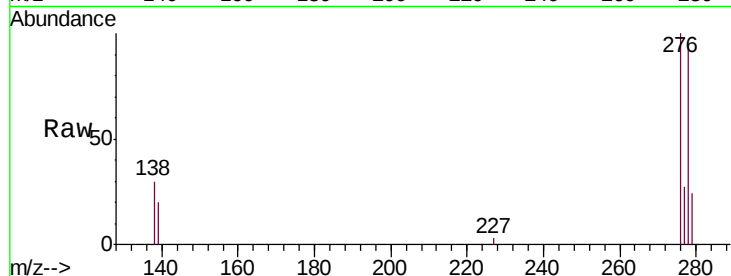
Tgt Ion:278 Resp: 14828

Ion Ratio Lower Upper

278 100

139 20.9 14.2 21.4

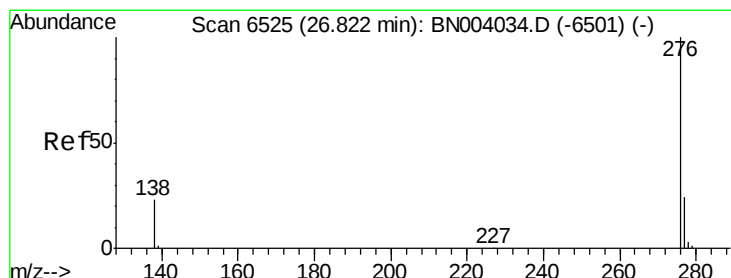
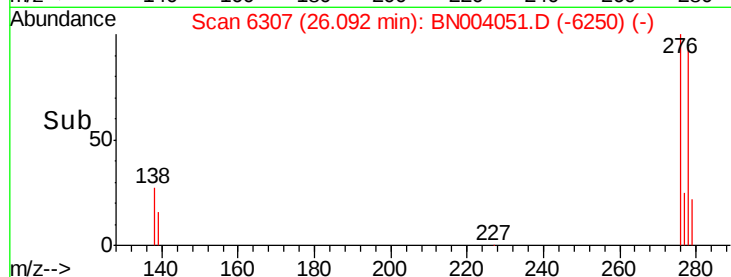
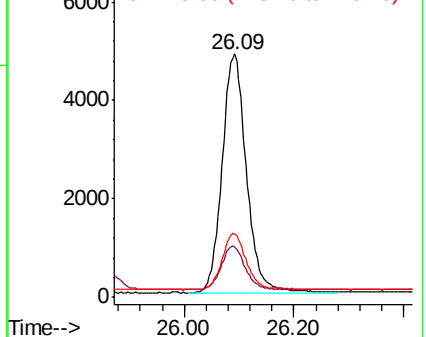
279 25.9 19.8 29.6



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: 0.402 ng/ul

RT: 26.81 min Scan# 6521

Delta R.T. -0.01 min

Lab File: BN004051.D

Acq: 18 Dec 2018 00:17

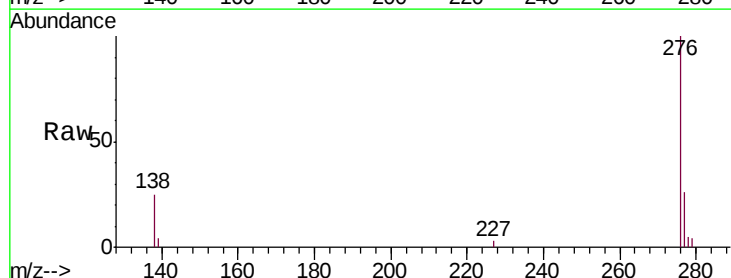
Tgt Ion:276 Resp: 15656

Ion Ratio Lower Upper

276 100

138 25.1 17.7 26.5

277 25.5 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

