

Data File : BN004132.D
Acq On : 20 Dec 2018 02:05
Operator : JU/SJ
Sample : SSTDC00.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.433

Quant Time: Dec 20 05:54:35 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 05:49:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1178	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	6296	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	3827	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	9582	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	10407	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	9609	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.21	152	3980	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	11864	0.42	ng/ul	0.00

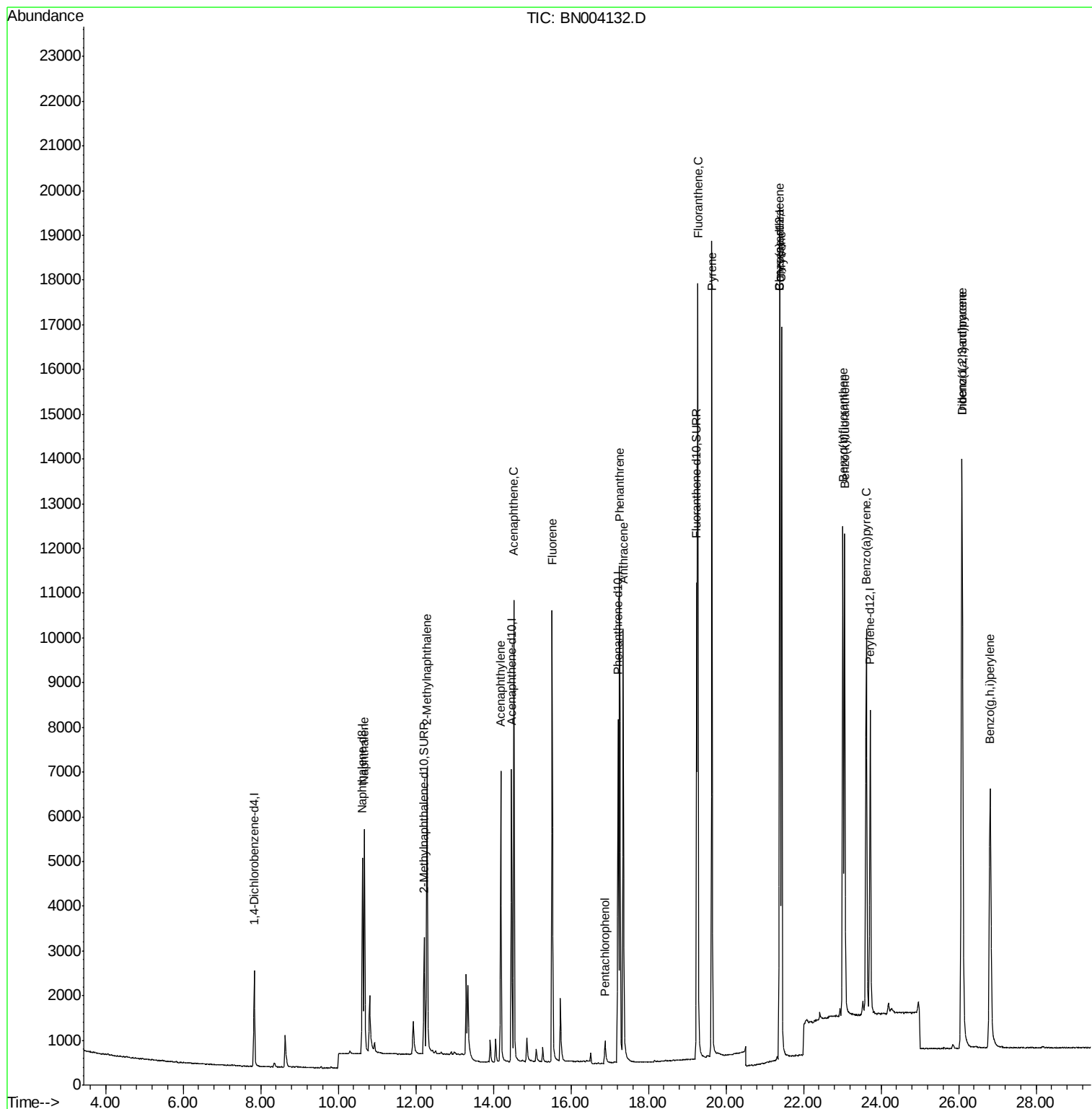
Target Compounds					Qvalue
3) Naphthalene	10.68	128	7096	0.401	ng/ul 97
5) 2-Methylnaphthalene	12.29	142	5260	0.426	ng/ul 100
7) Acenaphthylene	14.19	152	8047	0.467	ng/ul 98
8) Acenaphthene	14.53	153	6108	0.404	ng/ul 100
9) Fluorene	15.52	166	7095	0.403	ng/ul 100
11) Pentachlorophenol	16.88	266	588	0.341	ng/ul 97
12) Phenanthrene	17.26	178	12518	0.398	ng/ul 100
13) Anthracene	17.35	178	11791	0.456	ng/ul 99
15) Fluoranthene	19.28	202	15791	0.425	ng/ul 96
17) Pyrene	19.64	202	16019	0.429	ng/ul 96
18) Benzo(a)anthracene	21.38	228	14970	0.455	ng/ul 98
19) Chrysene	21.44	228	14889	0.396	ng/ul 99
21) Benzo(b)fluoranthene	23.01	252	14271	0.359	ng/ul 95
22) Benzo(k)fluoranthene	23.06	252	15018	0.388	ng/ul# 96
23) Benzo(a)pyrene	23.62	252	13697	0.398	ng/ul# 95
24) Indeno(1,2,3-cd)pyrene	26.09	276	15988	0.405	ng/ul# 97
25) Dibenzo(a,h)anthracene	26.09	278	12911	0.406	ng/ul 95
26) Benzo(g,h,i)perylene	26.81	276	13396	0.390	ng/ul 95

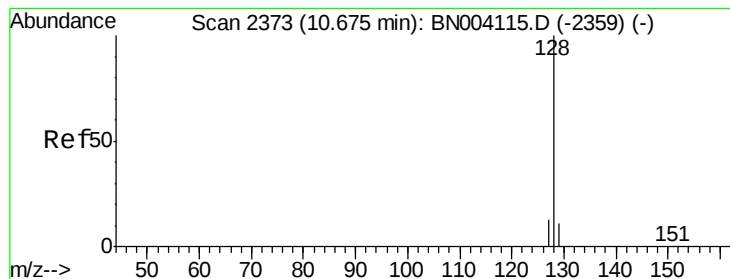
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_N
ClientSampleId :
SSTD0.433

Quant Time: Dec 20 05:54:35 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 05:49:27 2018
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#3

Naphthalene

Concen: 0.401 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BN004132.D

Acq: 20 Dec 2018 02:05

Instrument :

BNA_N

ClientSampleId :

SSTD0.433

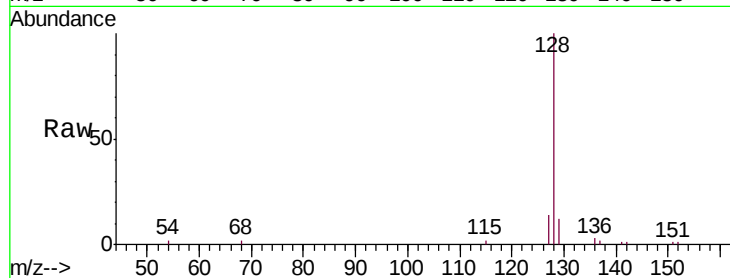
Tgt Ion:128 Resp: 7096

Ion Ratio Lower Upper

128 100

129 12.3 9.0 13.6

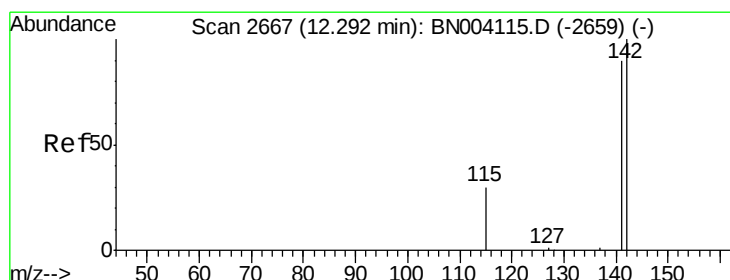
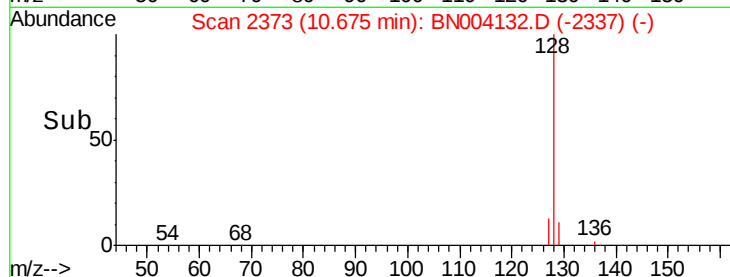
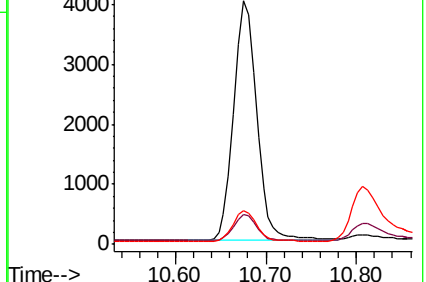
127 14.1 10.5 15.7



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: 0.426 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN004132.D

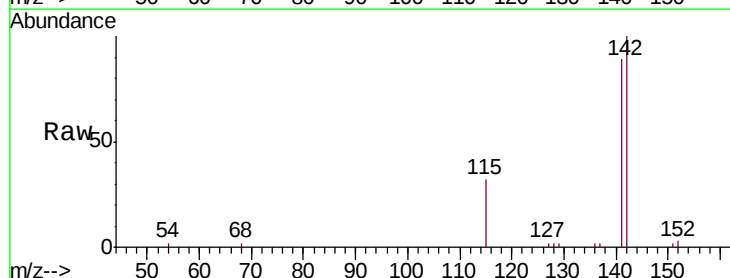
Acq: 20 Dec 2018 02:05

Tgt Ion:142 Resp: 5260

Ion Ratio Lower Upper

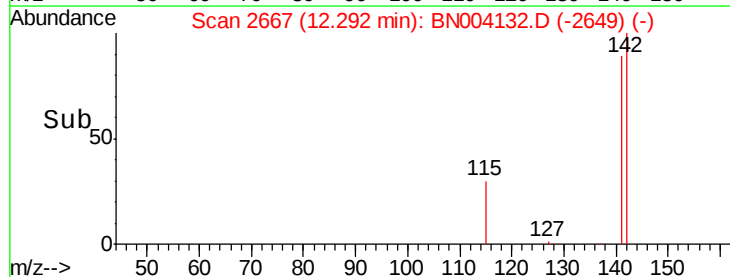
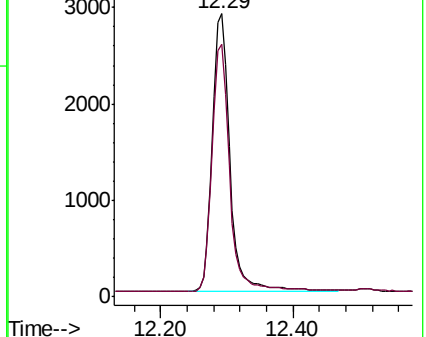
142 100

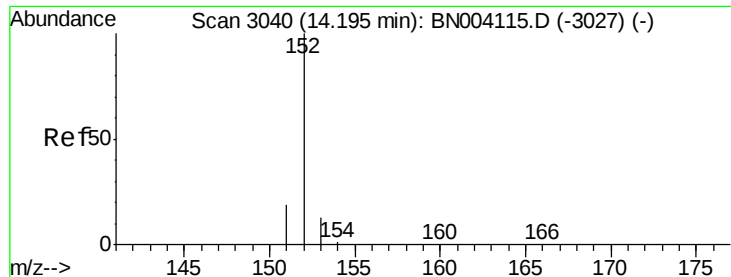
141 89.7 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.467 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004132.D

Acq: 20 Dec 2018 02:05

Instrument :

BNA_N

ClientSampleId :

SSTD0.433

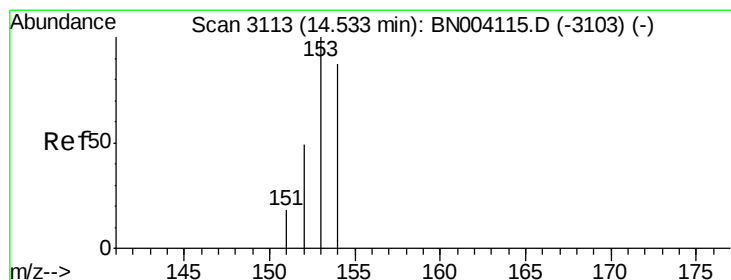
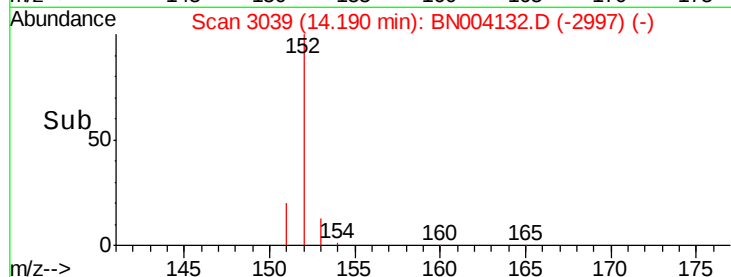
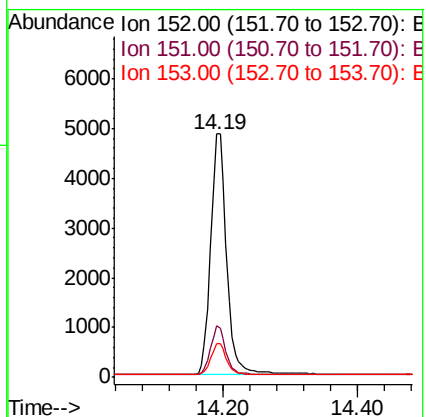
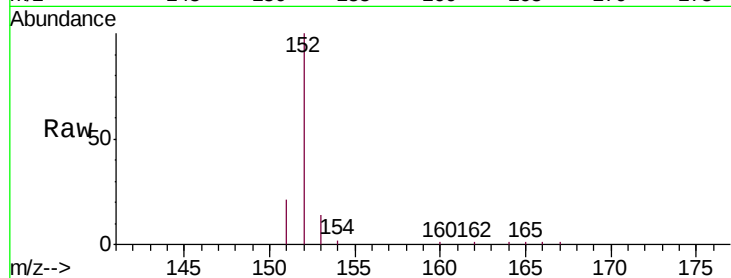
Tgt Ion:152 Resp: 8047

Ion Ratio Lower Upper

152 100

151 21.3 15.9 23.9

153 13.8 10.7 16.1



#8

Acenaphthene

Concen: 0.404 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN004132.D

Acq: 20 Dec 2018 02:05

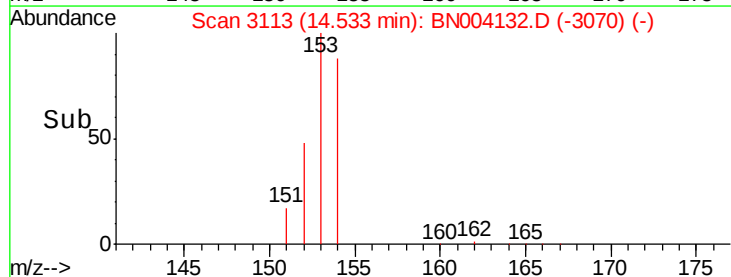
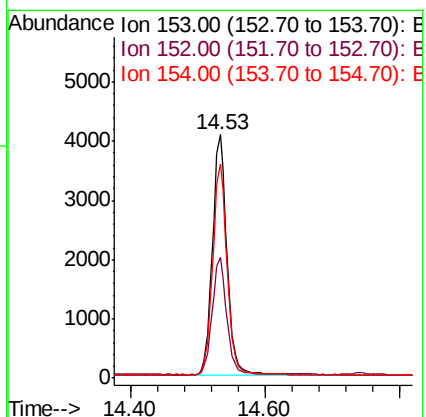
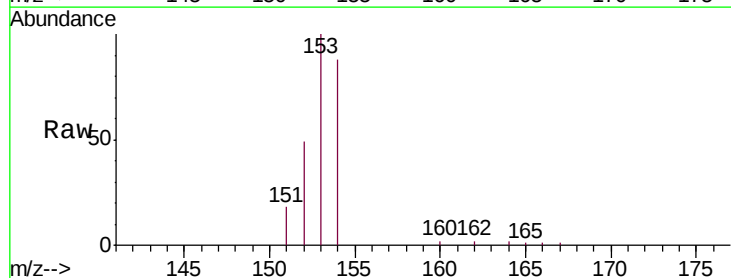
Tgt Ion:153 Resp: 6108

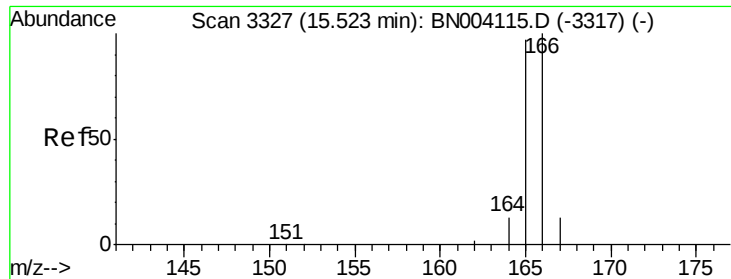
Ion Ratio Lower Upper

153 100

152 49.3 39.3 58.9

154 87.9 70.3 105.5





#9

Fluorene

Concen: 0.403 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. -0.00 min

Lab File: BN004132.D

Acq: 20 Dec 2018 02:05

Instrument :

BNA_N

ClientSampleId :

SSTD0.433

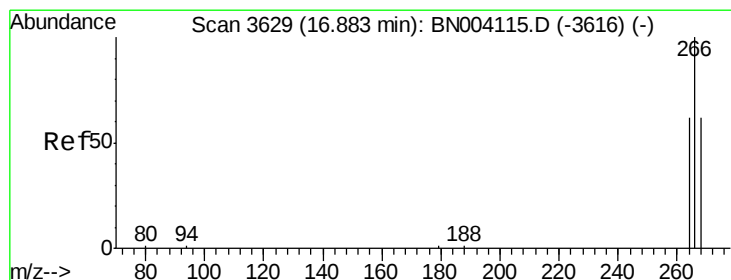
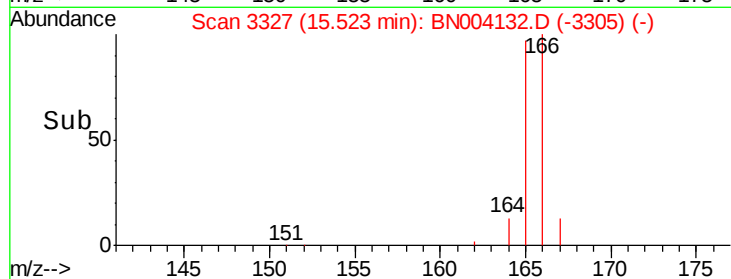
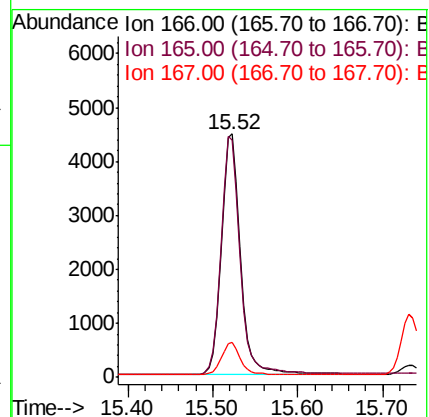
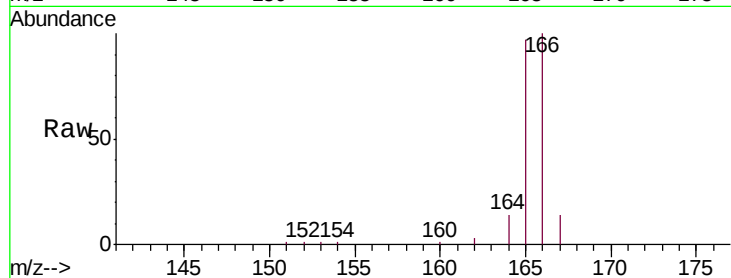
Tgt Ion:166 Resp: 7095

Ion Ratio Lower Upper

166 100

165 97.4 78.3 117.5

167 14.3 11.3 16.9



#11

Pentachlorophenol

Concen: 0.341 ng/ul

RT: 16.88 min Scan# 3628

Delta R.T. -0.00 min

Lab File: BN004132.D

Acq: 20 Dec 2018 02:05

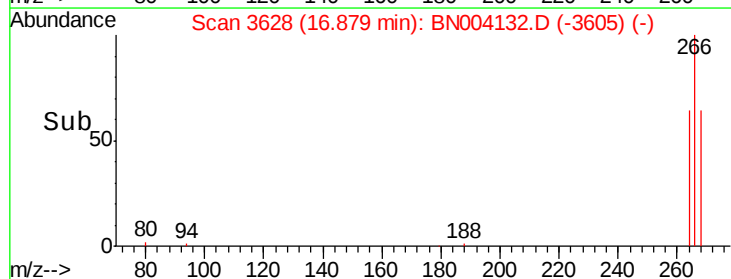
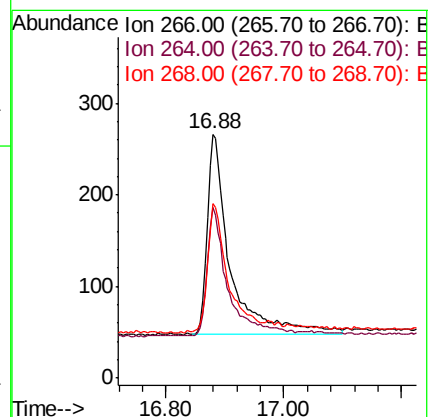
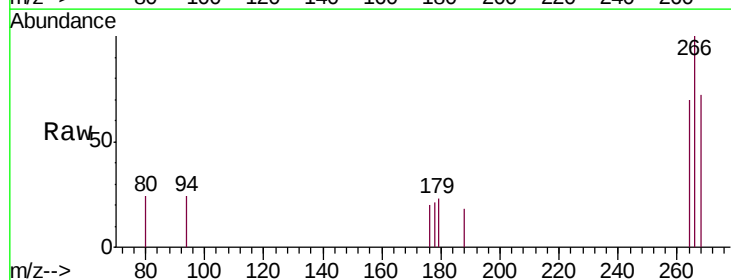
Tgt Ion:266 Resp: 588

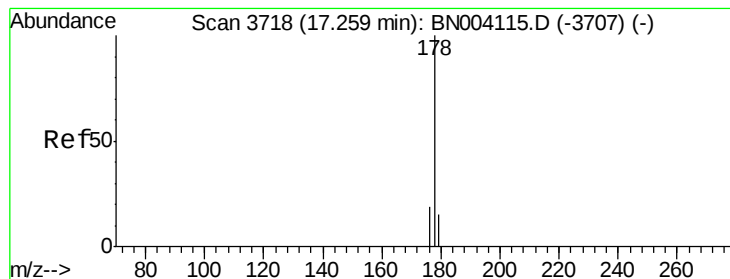
Ion Ratio Lower Upper

266 100

264 61.4 49.4 74.2

268 60.7 51.7 77.5





#12

Phenanthrene

Concen: 0.398 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN004132.D

Acq: 20 Dec 2018 02:05

Instrument :

BNA_N

ClientSampleId :

SSTD0.433

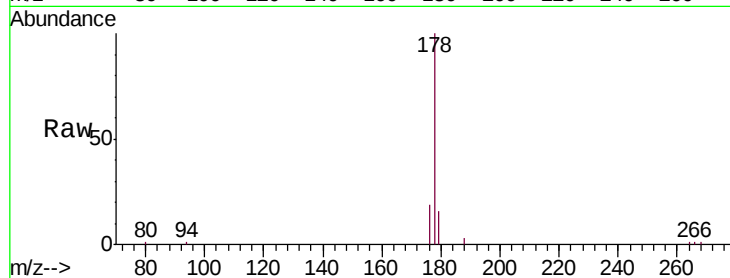
Tgt Ion:178 Resp: 12518

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

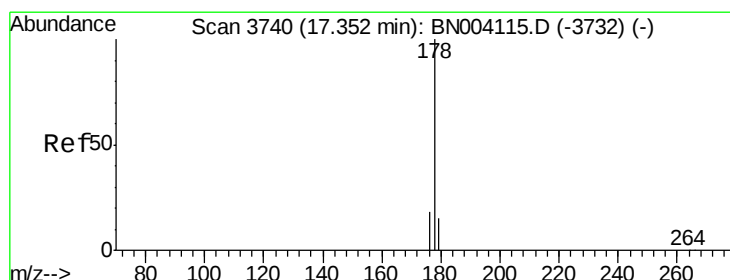
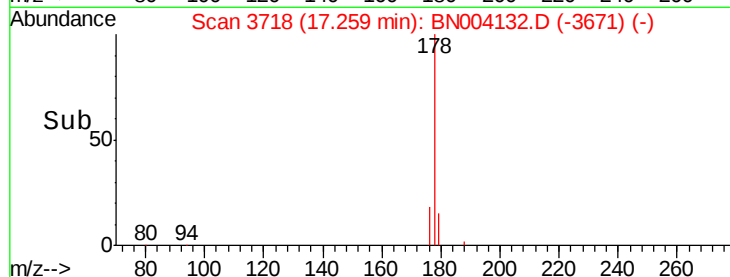
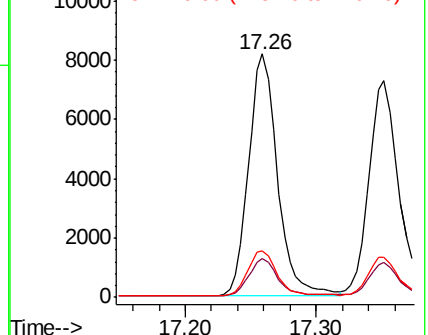
176 18.9 15.0 22.4



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: 0.456 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BN004132.D

Acq: 20 Dec 2018 02:05

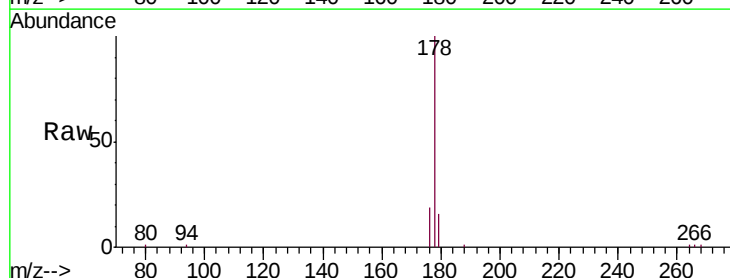
Tgt Ion:178 Resp: 11791

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

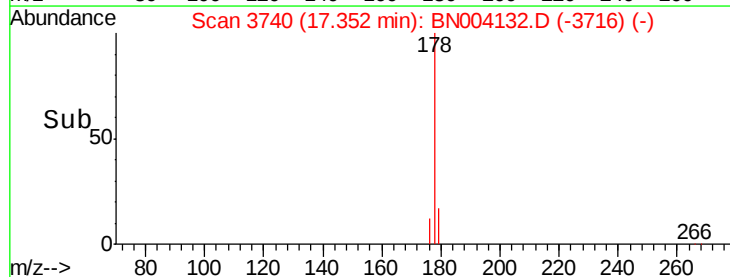
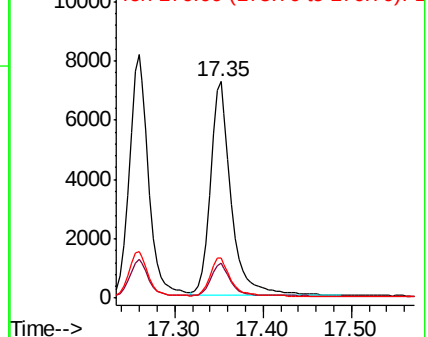
176 18.8 14.8 22.2

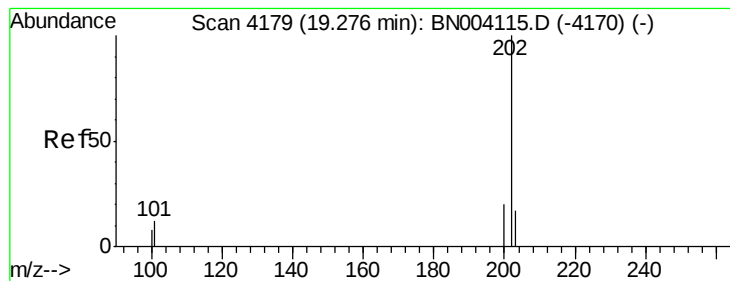


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.425 ng/ul

RT: 19.28 min Scan# 4179

Delta R.T. -0.00 min

Lab File: BN004132.D

Acq: 20 Dec 2018 02:05

Instrument :

BNA_N

ClientSampleId :

SSTD0.433

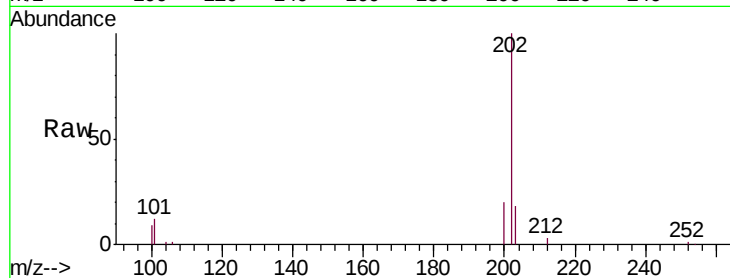
Tgt Ion:202 Resp: 15791

Ion Ratio Lower Upper

202 100

101 12.3 0.0 30.7

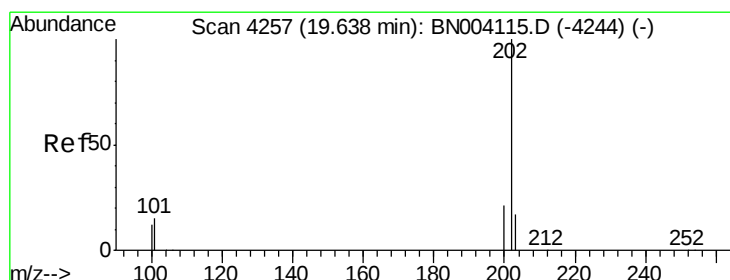
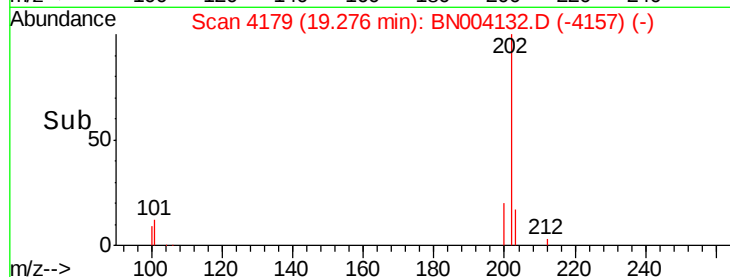
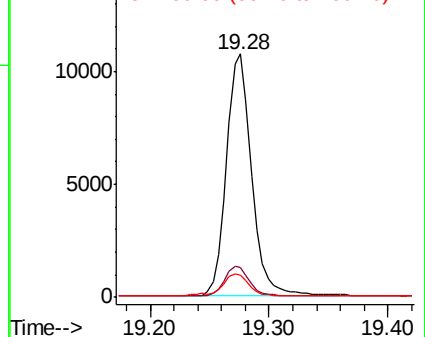
100 9.3 0.0 28.1



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: 0.429 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004132.D

Acq: 20 Dec 2018 02:05

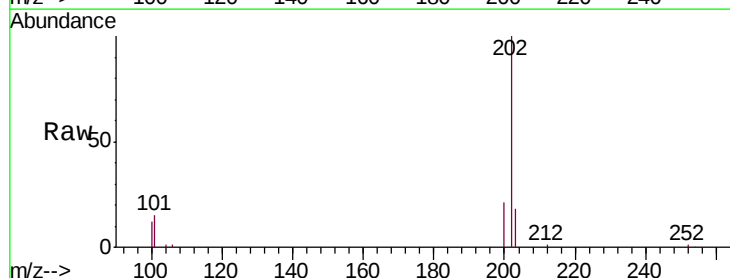
Tgt Ion:202 Resp: 16019

Ion Ratio Lower Upper

202 100

101 14.8 10.3 15.5

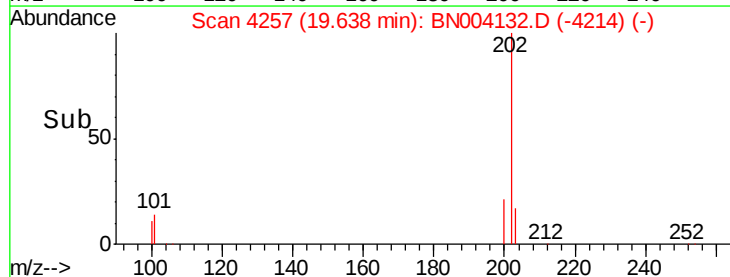
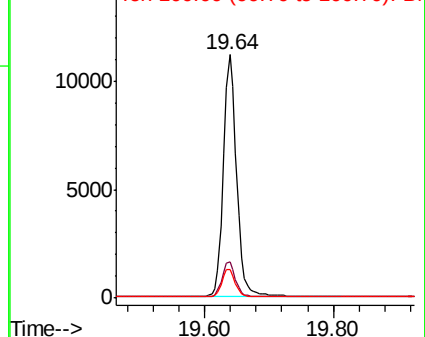
100 11.6 8.5 12.7

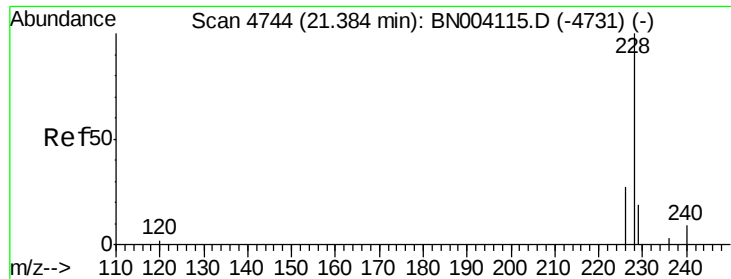


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN004132.D

Acq: 20 Dec 2018 02:05

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BNA_N

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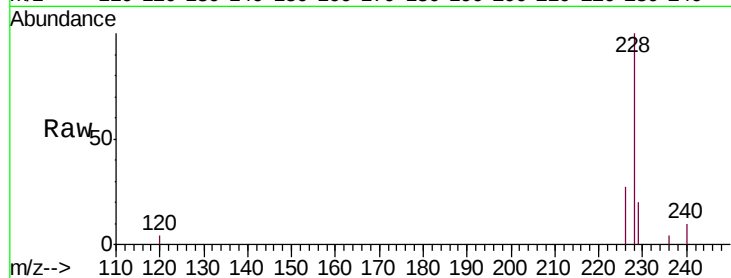
Tgt Ion:228 Resp: 14970

Ion Ratio Lower Upper

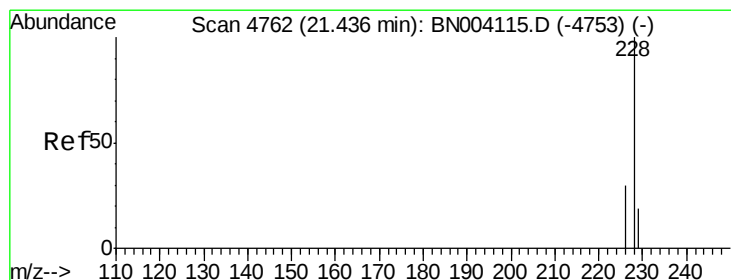
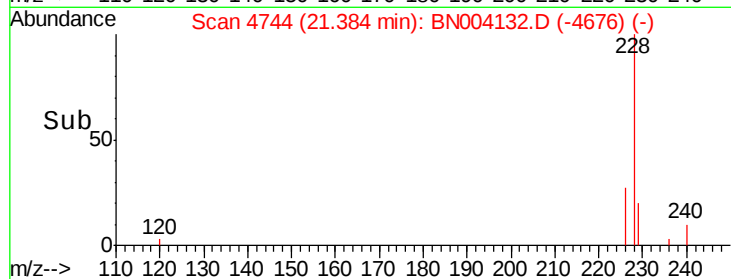
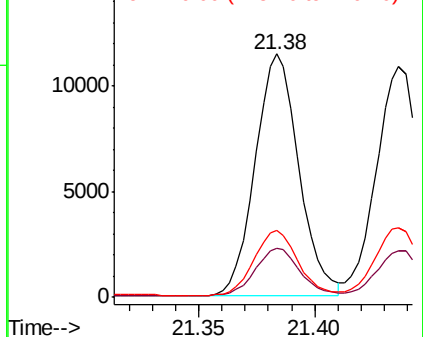
228 100

229 20.3 15.6 23.4

226 27.4 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: 0.396 ng/ul

RT: 21.44 min Scan# 4762

Delta R.T. -0.00 min

Lab File: BN004132.D

Acq: 20 Dec 2018 02:05

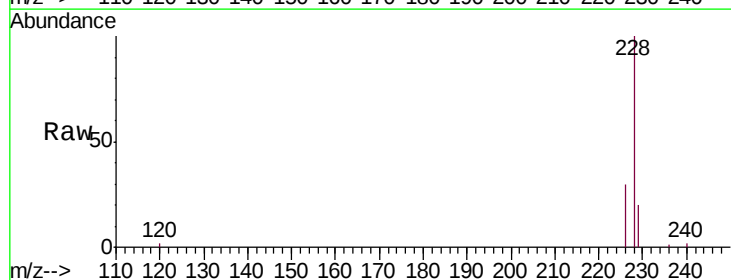
Tgt Ion:228 Resp: 14889

Ion Ratio Lower Upper

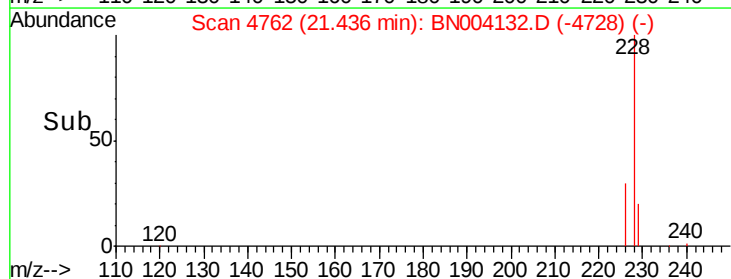
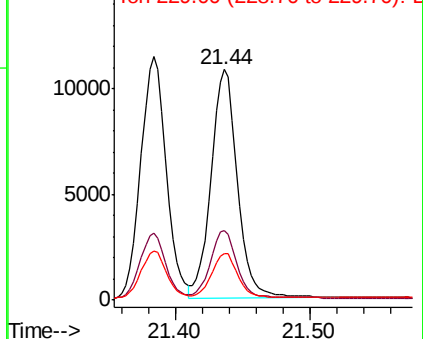
228 100

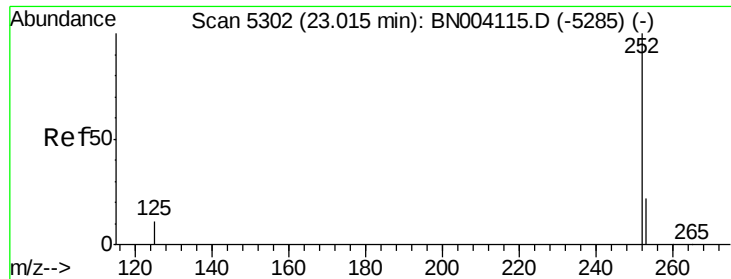
226 30.5 24.0 36.0

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: 0.359 ng/ul

RT: 23.01 min Scan# 5302

Delta R.T. -0.00 min

Lab File: BN004132.D

Acq: 20 Dec 2018 02:05

Instrument :

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SSTD0.433

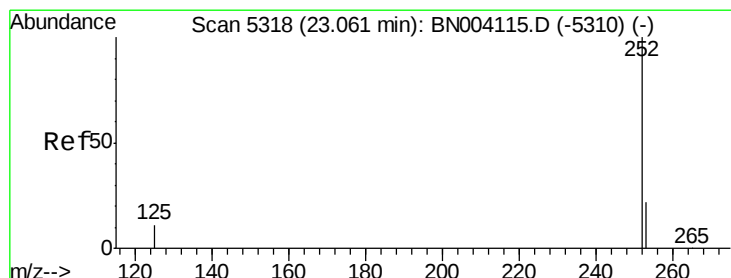
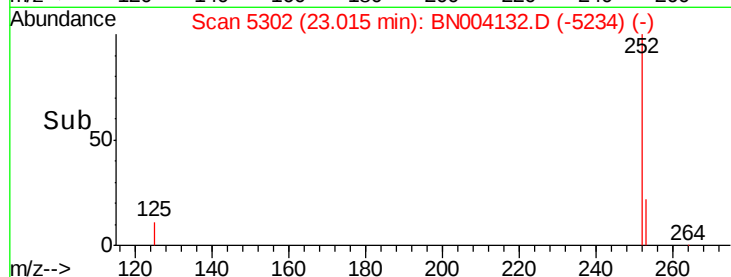
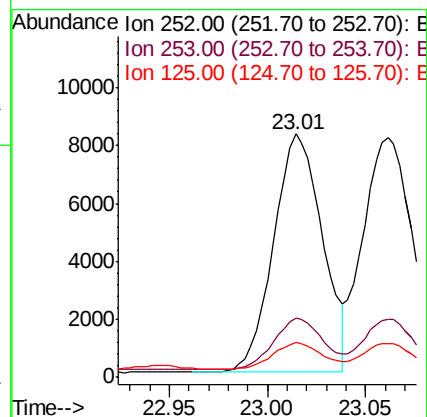
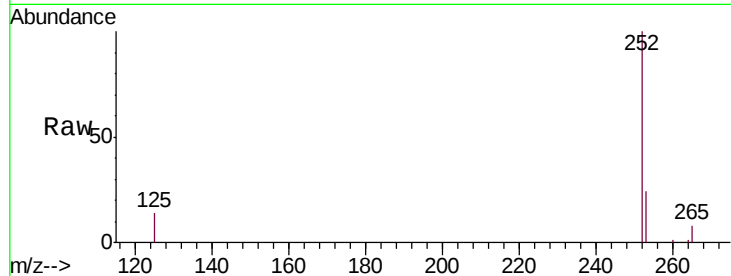
Tgt Ion:252 Resp: 14271

Ion Ratio Lower Upper

252 100

253 24.4 0.0 46.0

125 14.2 0.0 22.4



#22

Benzo(k)fluoranthene

Concen: 0.388 ng/ul

RT: 23.06 min Scan# 5318

Delta R.T. -0.00 min

Lab File: BN004132.D

Acq: 20 Dec 2018 02:05

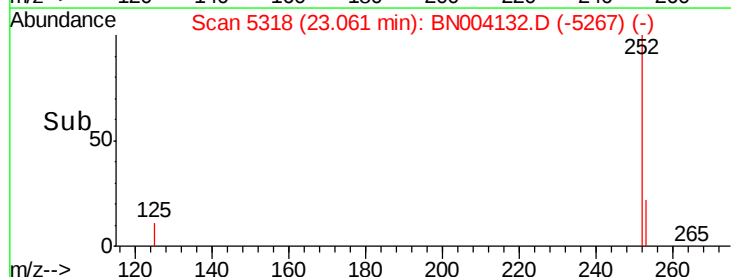
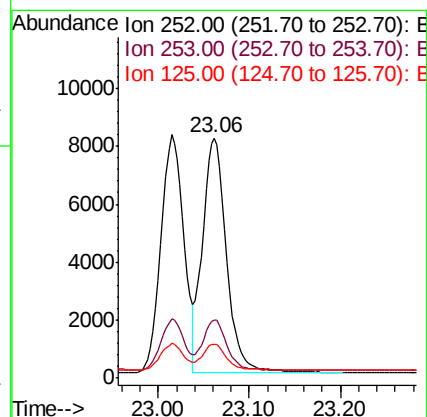
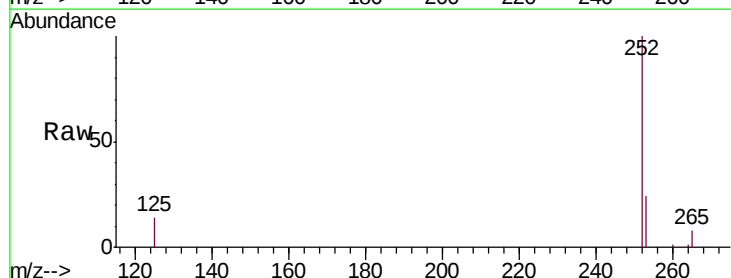
Tgt Ion:252 Resp: 15018

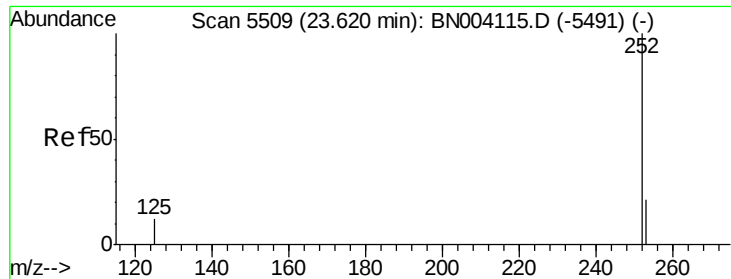
Ion Ratio Lower Upper

252 100

253 24.3 18.5 27.7

125 14.1 9.0 13.6#





#23

Benzo(a)pyrene

Concen: 0.398 ng/u1

RT: 23.62 min Scan# 5509

Delta R.T. -0.00 min

Lab File: BN004132.D

Acq: 20 Dec 2018 02:05

Instrument :

BNA_N

ClientSampleId :

SSTD0.433

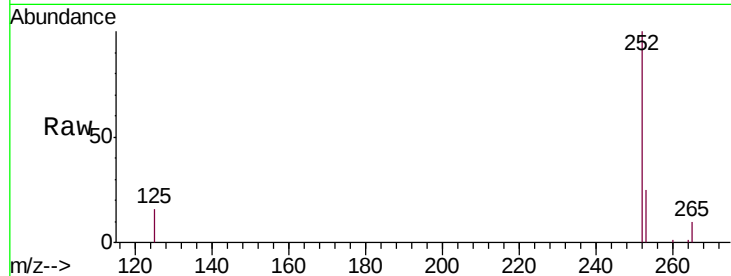
Tgt Ion:252 Resp: 13697

Ion Ratio Lower Upper

252 100

253 25.3 19.0 28.4

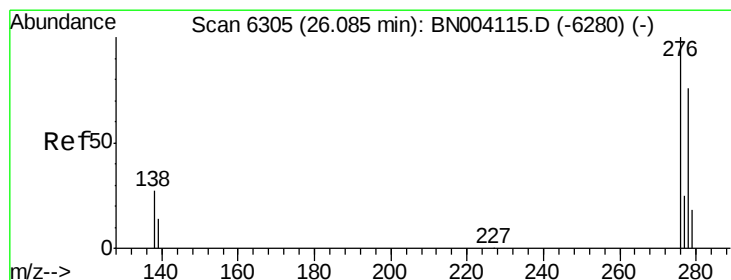
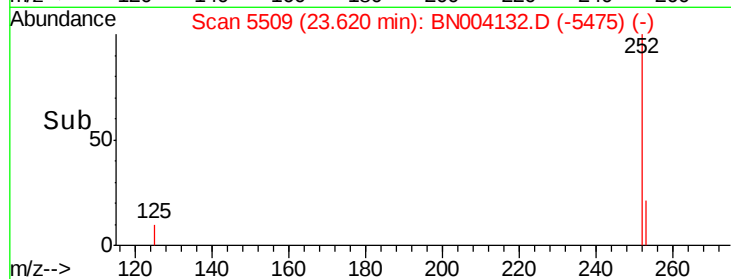
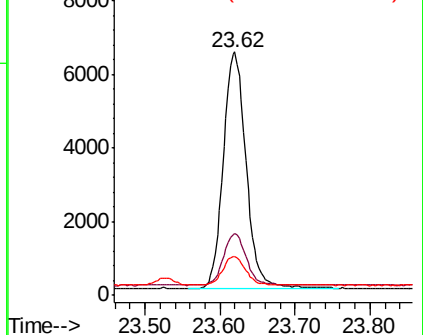
125 16.0 10.2 15.4#



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: 0.405 ng/u1

RT: 26.09 min Scan# 6306

Delta R.T. 0.00 min

Lab File: BN004132.D

Acq: 20 Dec 2018 02:05

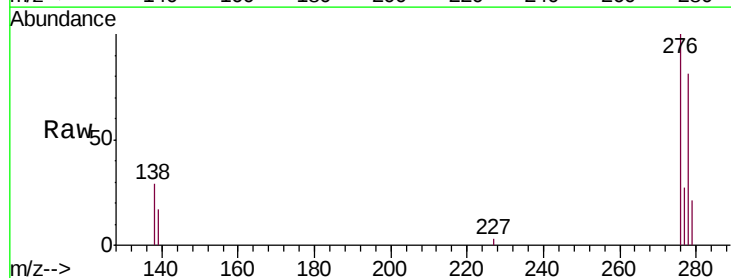
Tgt Ion:276 Resp: 15988

Ion Ratio Lower Upper

276 100

138 27.0 20.3 30.5

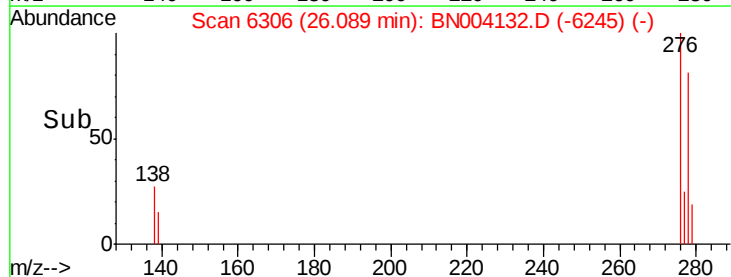
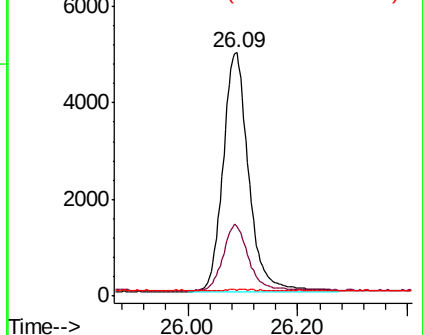
227 0.0 0.2 0.2#

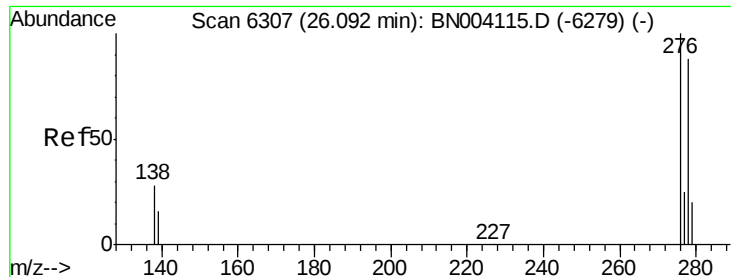


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.406 ng/ul

RT: 26.09 min Scan# 6307

Delta R.T. -0.00 min

Lab File: BN004132.D

Acq: 20 Dec 2018 02:05

Instrument :

BNA_N

ClientSampleId :

SSTD0.433

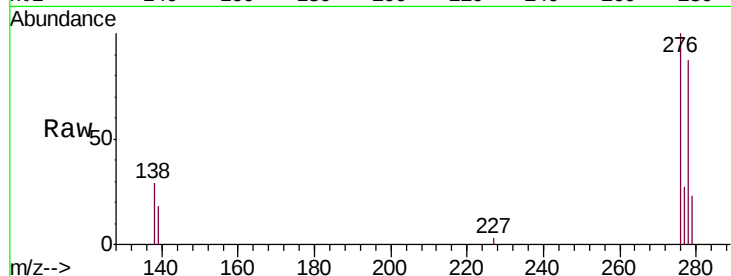
Tgt Ion:278 Resp: 12911

Ion Ratio Lower Upper

278 100

139 20.9 14.2 21.4

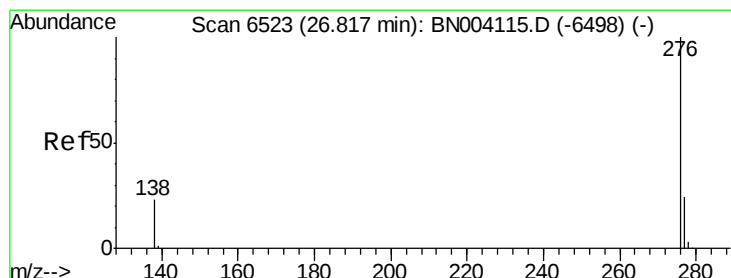
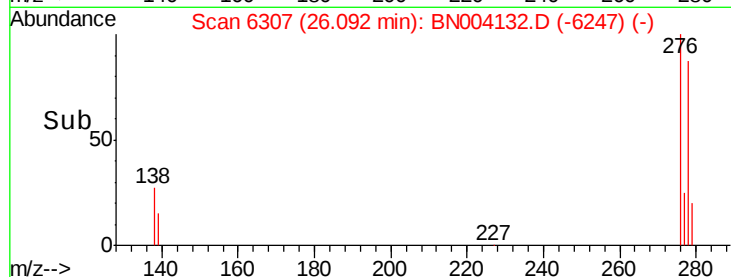
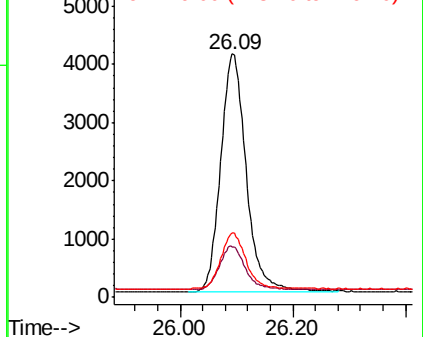
279 26.2 19.8 29.6



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: 0.390 ng/ul

RT: 26.81 min Scan# 6522

Delta R.T. -0.00 min

Lab File: BN004132.D

Acq: 20 Dec 2018 02:05

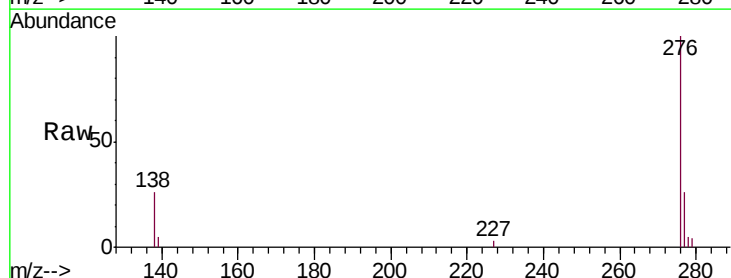
Tgt Ion:276 Resp: 13396

Ion Ratio Lower Upper

276 100

138 25.7 17.7 26.5

277 25.7 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

