

Data File : BN004101.D
Acq On : 19 Dec 2018 05:34
Operator : JU/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.430

Quant Time: Dec 19 06:24:50 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 : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1477	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7512	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4601	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	11960	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	13599	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12770	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4810	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	15343	0.44	ng/ul	0.00

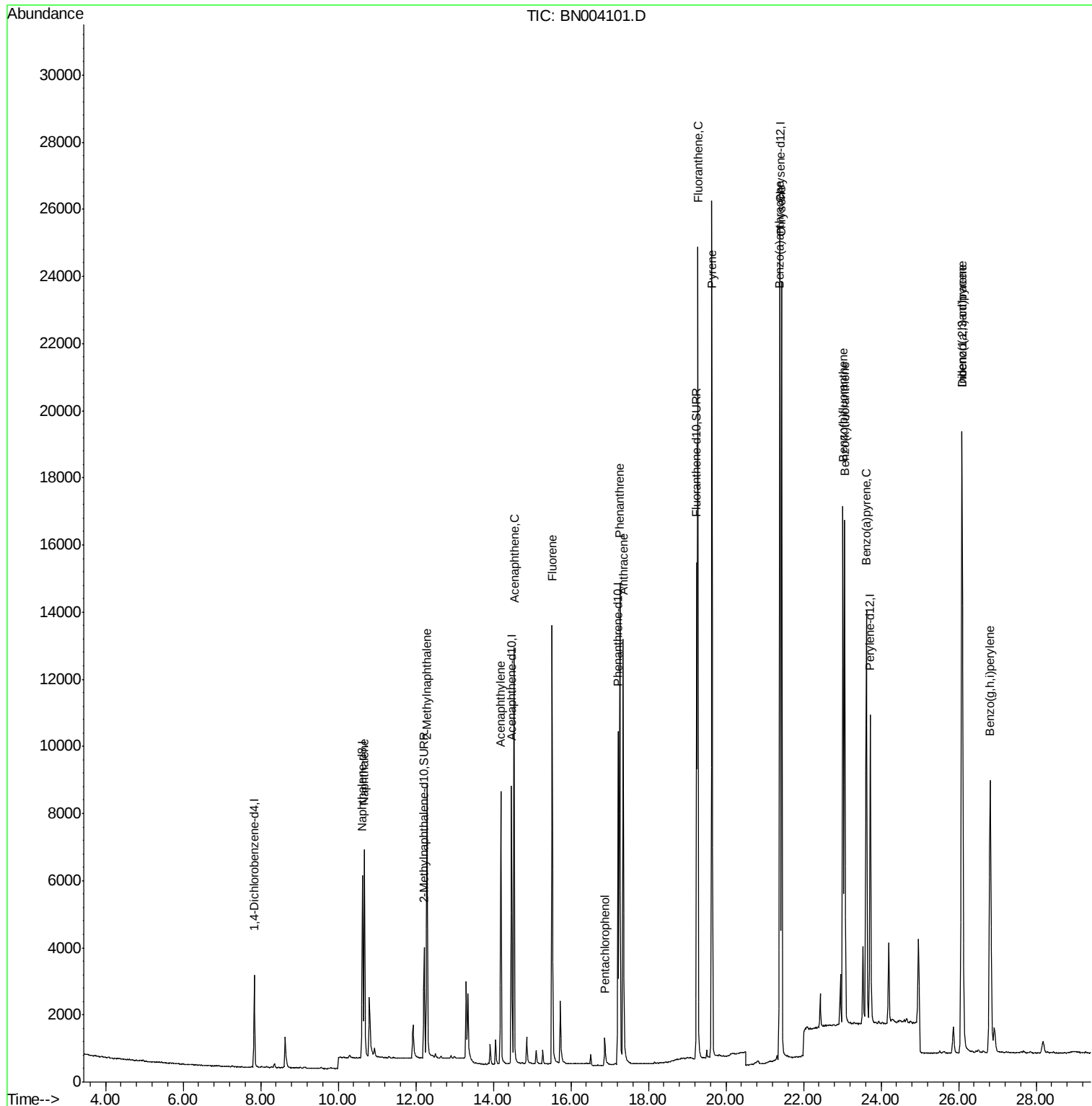
Target Compounds					Qvalue
3) Naphthalene	10.68	128	8576	0.406	ng/ul 98
5) 2-Methylnaphthalene	12.29	142	6413	0.435	ng/ul 99
7) Acenaphthylene	14.19	152	9920	0.479	ng/ul 99
8) Acenaphthene	14.53	153	7517	0.414	ng/ul 100
9) Fluorene	15.52	166	8911	0.421	ng/ul 100
11) Pentachlorophenol	16.88	266	822	0.382	ng/ul 99
12) Phenanthrene	17.26	178	15871	0.404	ng/ul 99
13) Anthracene	17.35	178	15328	0.475	ng/ul 99
15) Fluoranthene	19.27	202	20473	0.442	ng/ul 93
17) Pyrene	19.64	202	21043	0.431	ng/ul 97
18) Benzo(a)anthracene	21.38	228	20150	0.469	ng/ul 98
19) Chrysene	21.44	228	19541	0.398	ng/ul 99
21) Benzo(b)fluoranthene	23.02	252	19515	0.369	ng/ul 97
22) Benzo(k)fluoranthene	23.06	252	19735	0.383	ng/ul# 97
23) Benzo(a)pyrene	23.62	252	18533	0.405	ng/ul 97
24) Indeno(1,2,3-cd)pyrene	26.09	276	21407	0.408	ng/ul# 97
25) Dibenzo(a,h)anthracene	26.09	278	17344	0.411	ng/ul 97
26) Benzo(g,h,i)perylene	26.82	276	17958	0.394	ng/ul 96

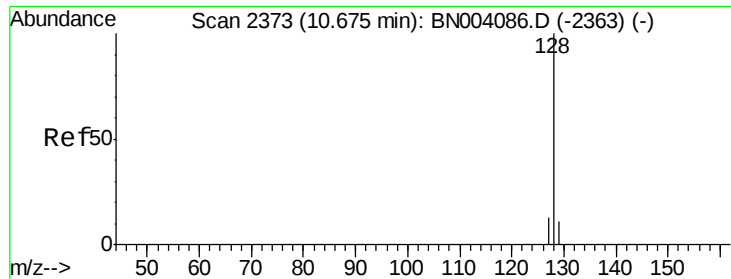
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#3

Naphthalene

Concen: 0.406 ng/u1

RT: 10.68 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BN004101.D

Acq: 19 Dec 2018 05:34

Instrument :

BNA_N

ClientSampleId :

SSTD0.430

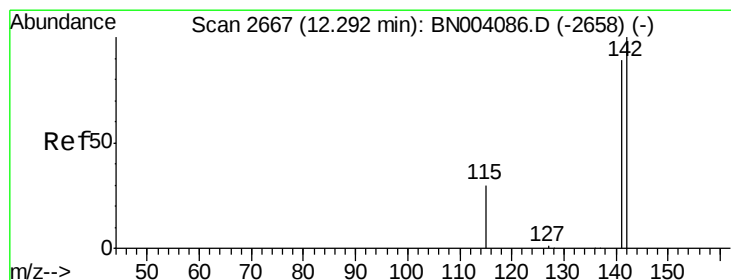
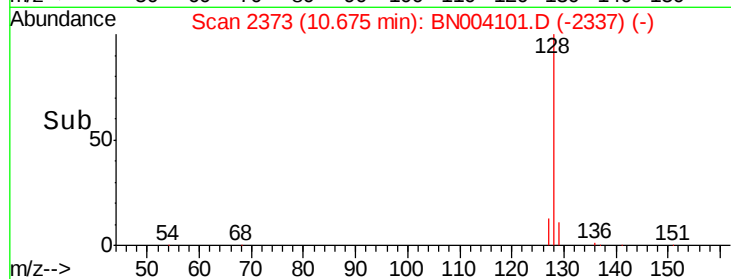
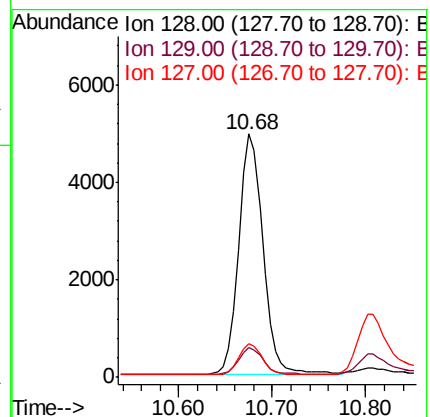
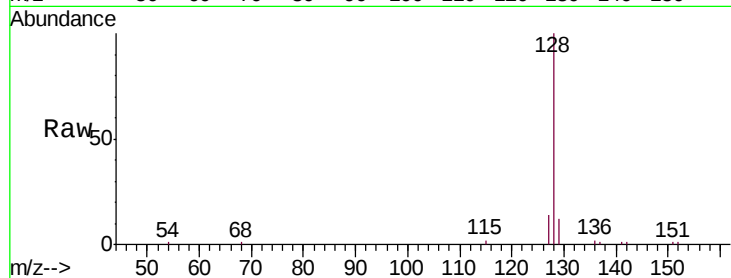
Tgt Ion:128 Resp: 8576

Ion Ratio Lower Upper

128 100

129 12.2 9.0 13.6

127 13.8 10.5 15.7



#5

2-Methylnaphthalene

Concen: 0.435 ng/u1

RT: 12.29 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BN004101.D

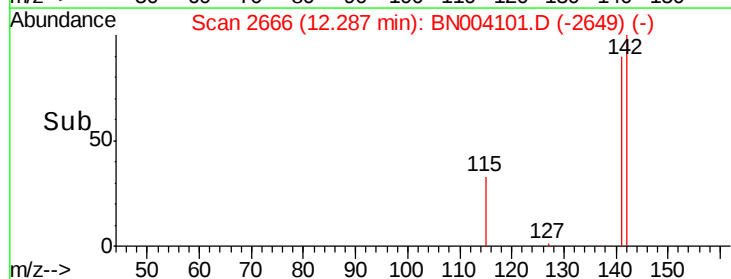
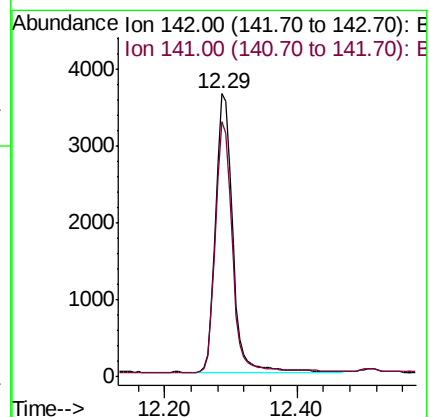
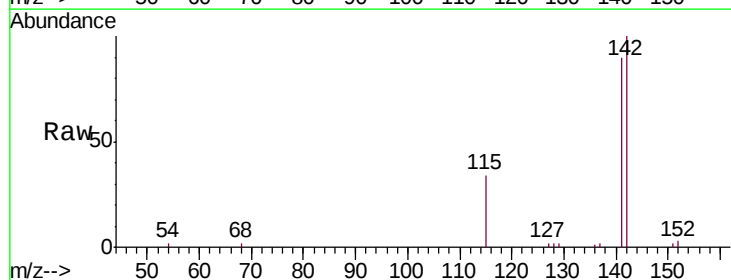
Acq: 19 Dec 2018 05:34

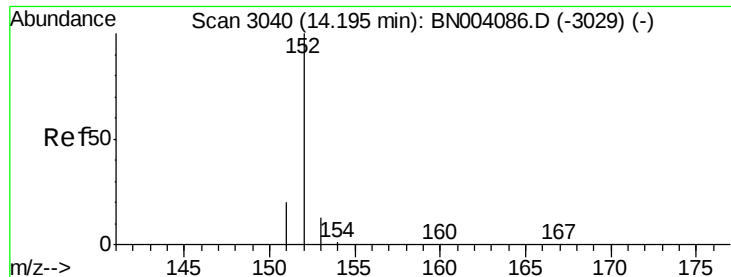
Tgt Ion:142 Resp: 6413

Ion Ratio Lower Upper

142 100

141 90.1 71.5 107.3





#7

Acenaphthylene

Concen: 0.479 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004101.D

Acq: 19 Dec 2018 05:34

Instrument :

BNA_N

ClientSampleId :

SSTD0.430

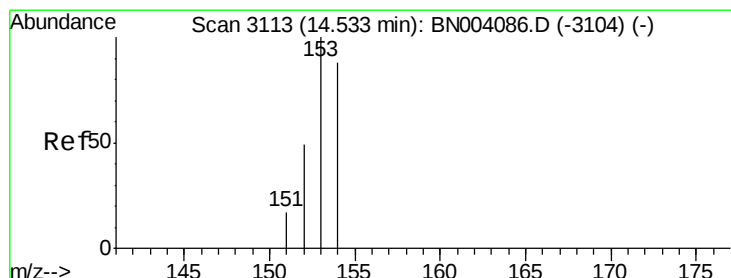
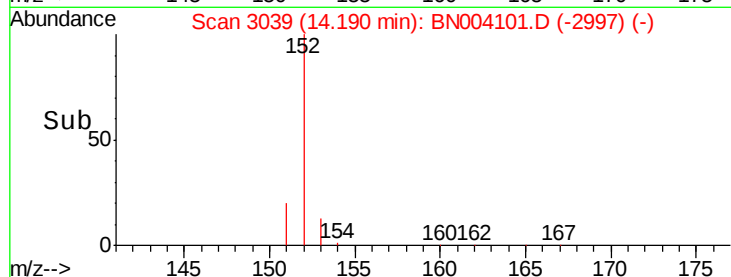
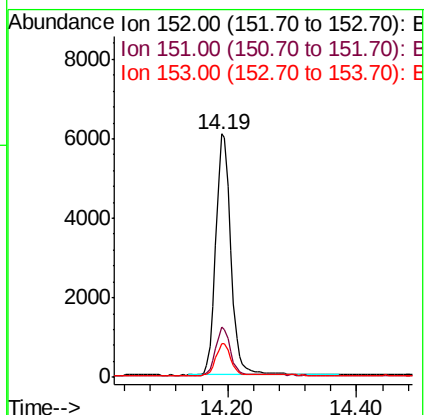
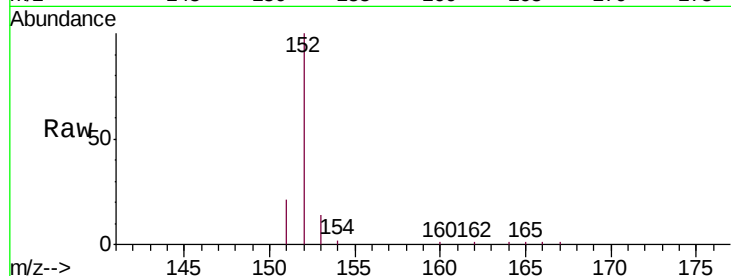
Tgt Ion:152 Resp: 9920

Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

153 13.7 10.7 16.1



#8

Acenaphthene

Concen: 0.414 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN004101.D

Acq: 19 Dec 2018 05:34

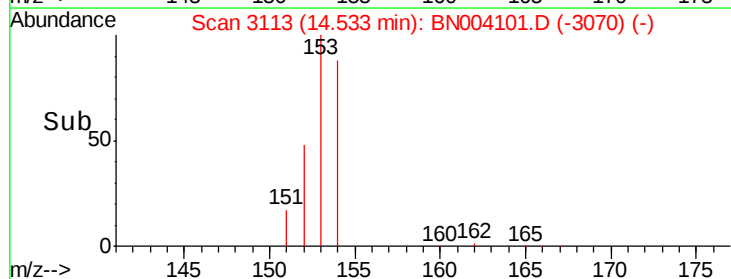
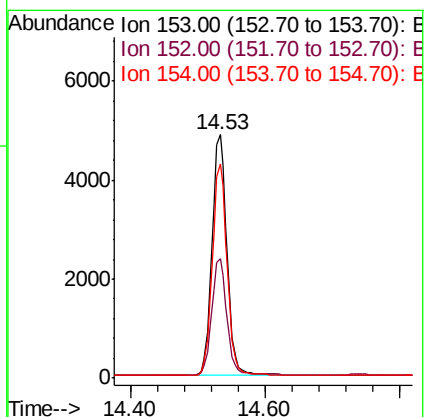
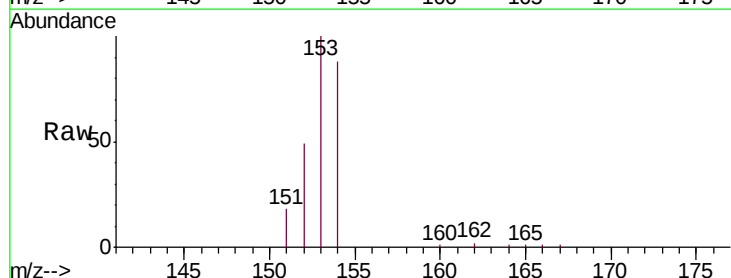
Tgt Ion:153 Resp: 7517

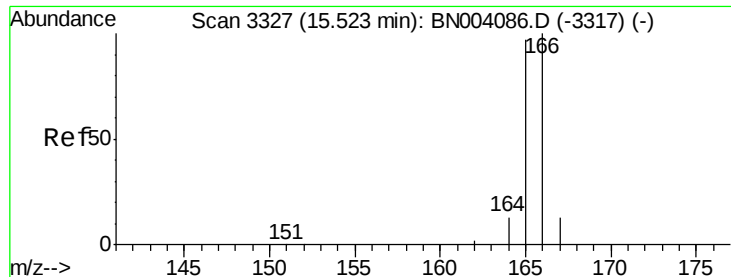
Ion Ratio Lower Upper

153 100

152 49.1 39.3 58.9

154 88.0 70.3 105.5





#9

Fluorene

Concen: 0.421 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN004101.D

Acq: 19 Dec 2018 05:34

Instrument :

BNA_N

ClientSampleId :

SSTD0.430

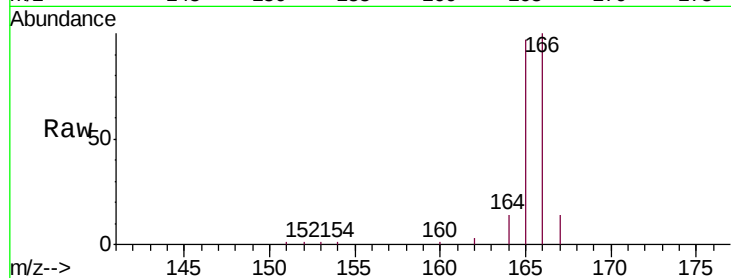
Tgt Ion:166 Resp: 8911

Ion Ratio Lower Upper

166 100

165 97.5 78.3 117.5

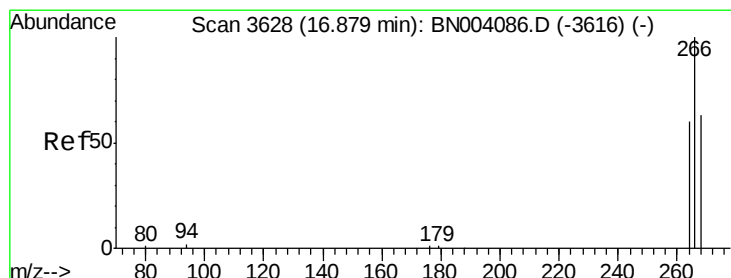
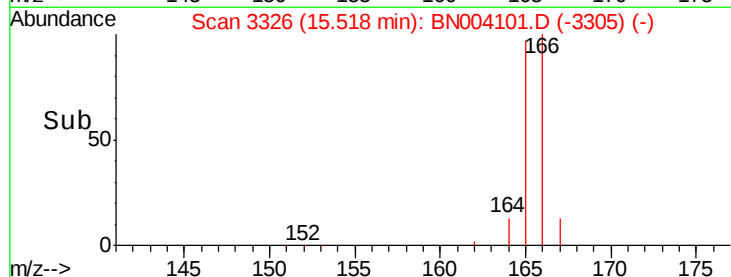
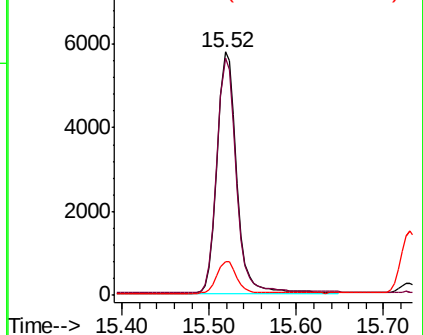
167 14.0 11.3 16.9



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: 0.382 ng/ul

RT: 16.88 min Scan# 3627

Delta R.T. -0.00 min

Lab File: BN004101.D

Acq: 19 Dec 2018 05:34

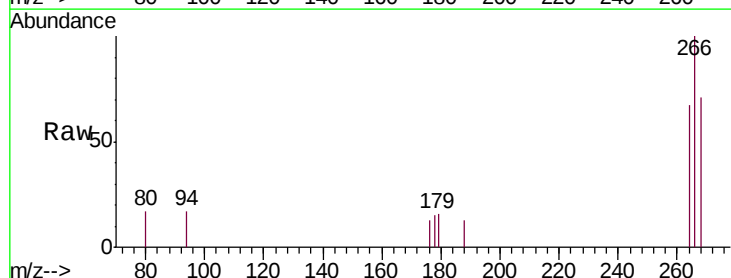
Tgt Ion:266 Resp: 822

Ion Ratio Lower Upper

266 100

264 63.4 49.4 74.2

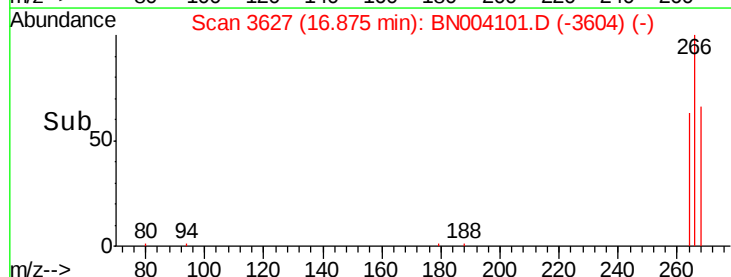
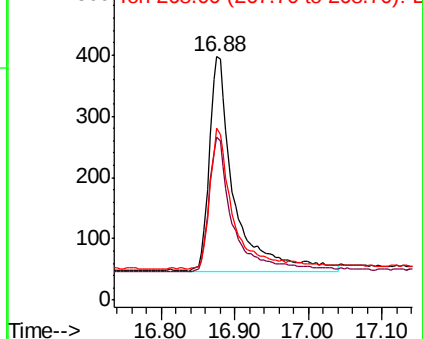
268 65.3 51.7 77.5

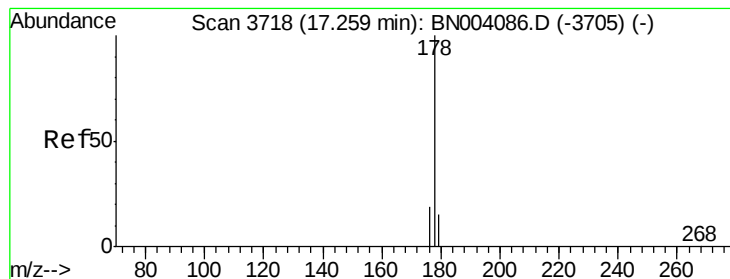


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.404 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BN004101.D

Acq: 19 Dec 2018 05:34

Instrument :

BNA_N

ClientSampleId :

SSTD0.430

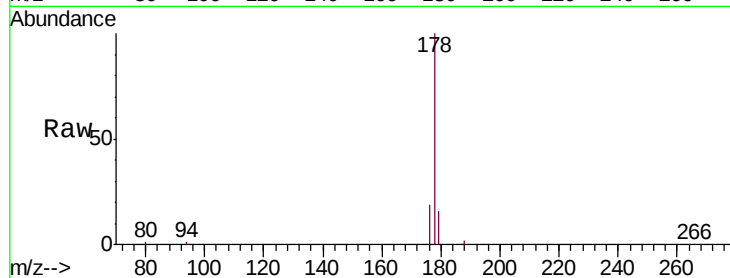
Tgt Ion:178 Resp: 15871

Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

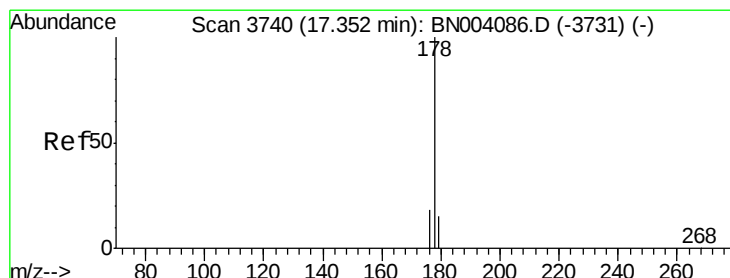
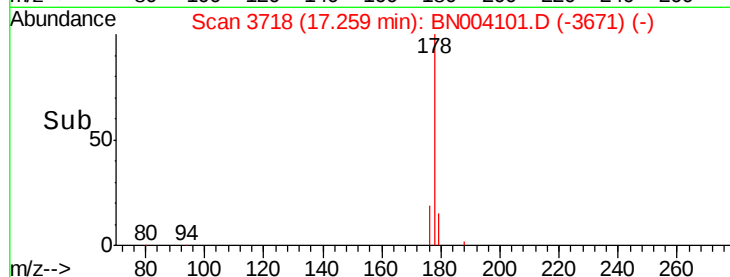
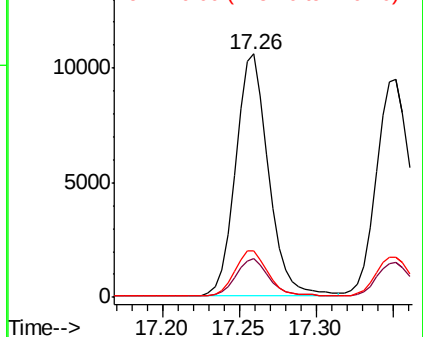
176 19.1 15.0 22.4



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: 0.475 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. 0.00 min

Lab File: BN004101.D

Acq: 19 Dec 2018 05:34

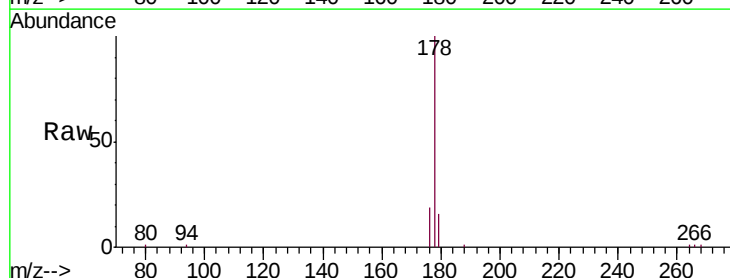
Tgt Ion:178 Resp: 15328

Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

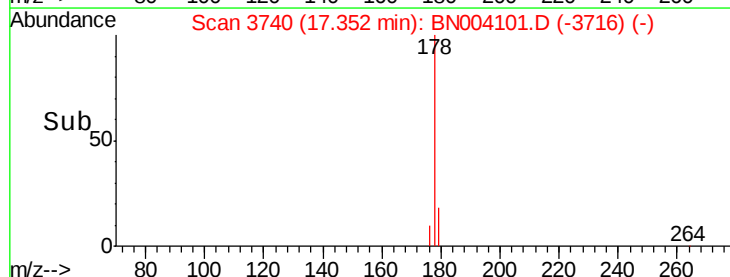
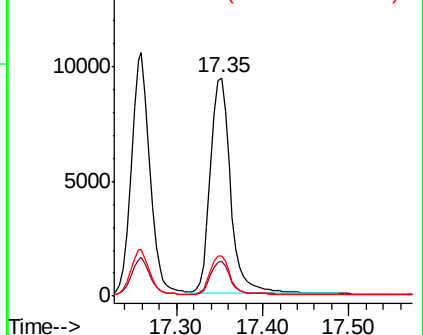
176 18.6 14.8 22.2

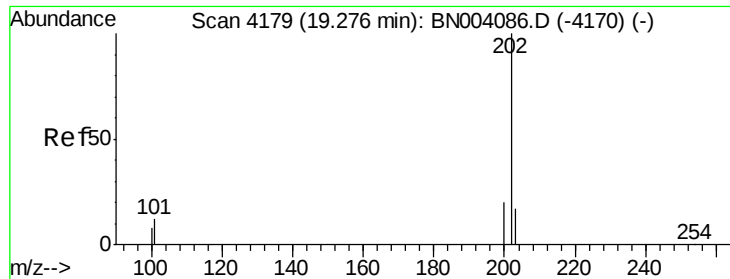


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.442 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN004101.D

Acq: 19 Dec 2018 05:34

Instrument :

BNA_N

ClientSampleId :

SSTD0.430

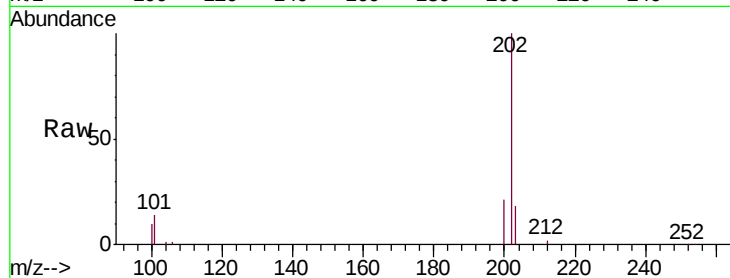
Tgt Ion:202 Resp: 20473

Ion Ratio Lower Upper

202 100

101 13.6 0.0 30.7

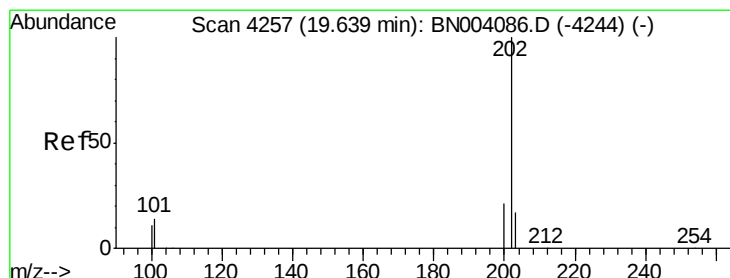
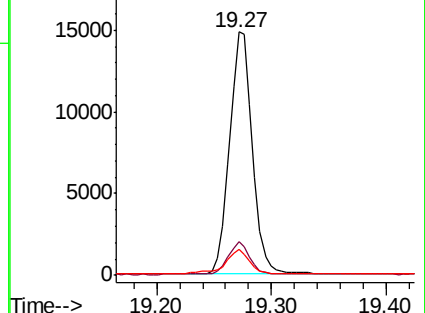
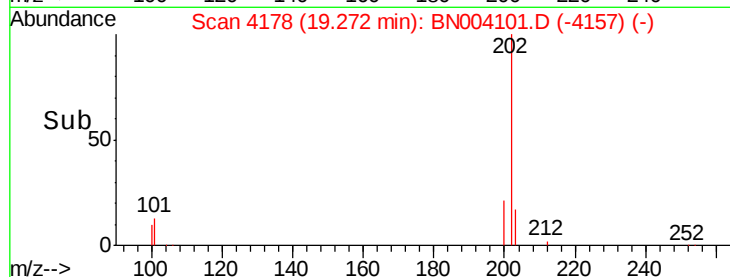
100 10.5 0.0 28.1



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: 0.431 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN004101.D

Acq: 19 Dec 2018 05:34

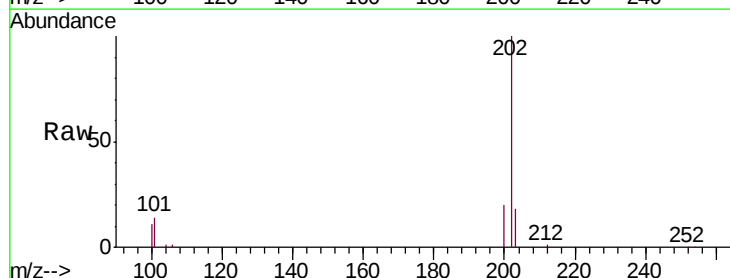
Tgt Ion:202 Resp: 21043

Ion Ratio Lower Upper

202 100

101 14.3 10.3 15.5

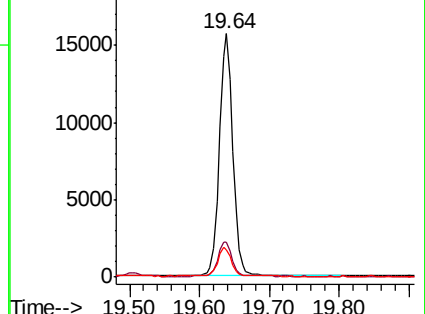
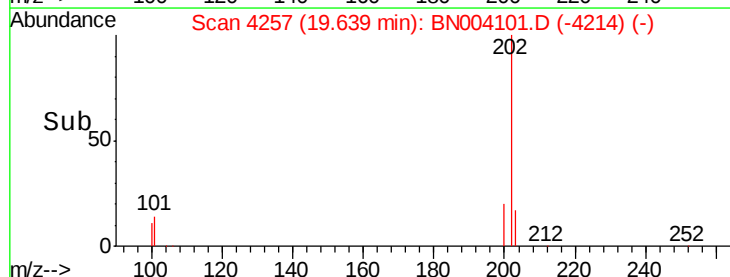
100 11.4 8.5 12.7

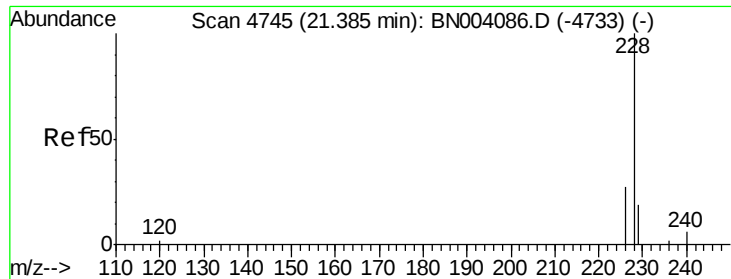


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.469 ng/ul

RT: 21.38 min Scan# 4744

Delta R.T. -0.00 min

Lab File: BN004101.D

Acq: 19 Dec 2018 05:34

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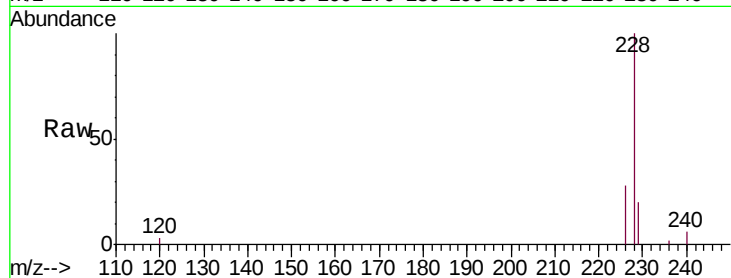
Tgt Ion:228 Resp: 20150

Ion Ratio Lower Upper

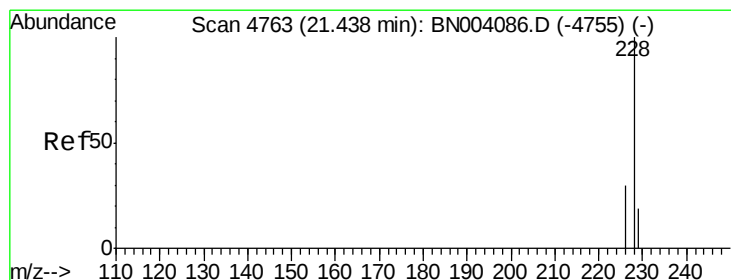
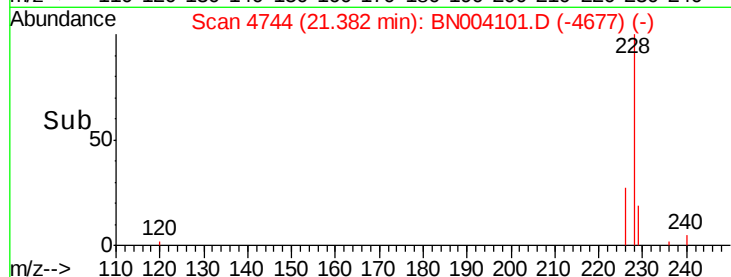
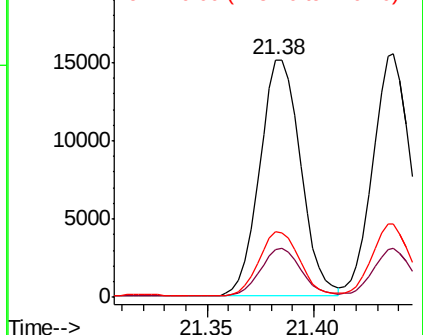
228 100

229 20.1 15.6 23.4

226 27.5 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: 0.398 ng/ul

RT: 21.44 min Scan# 4763

Delta R.T. 0.00 min

Lab File: BN004101.D

Acq: 19 Dec 2018 05:34

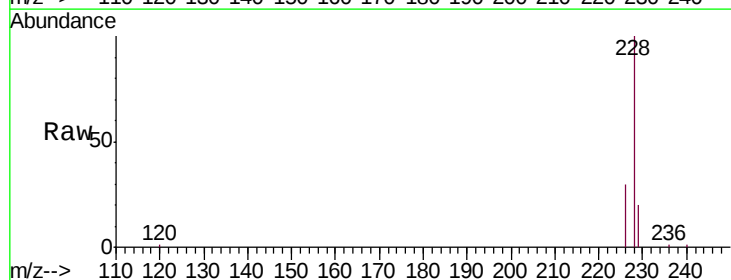
Tgt Ion:228 Resp: 19541

Ion Ratio Lower Upper

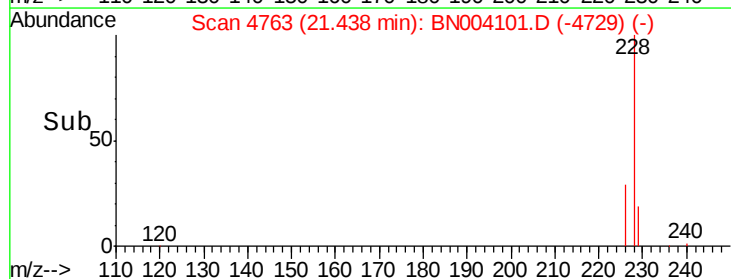
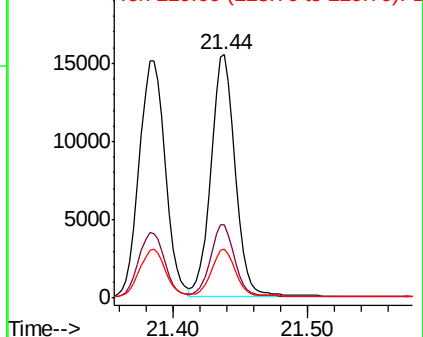
228 100

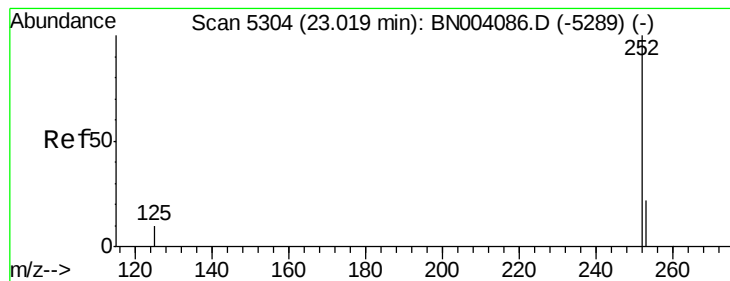
226 29.9 24.0 36.0

229 20.1 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: 0.369 ng/ul

RT: 23.02 min Scan# 5303

Delta R.T. -0.00 min

Lab File: BN004101.D

Acq: 19 Dec 2018 05:34

Instrument :

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ClientSampleId :

SSTD0.430

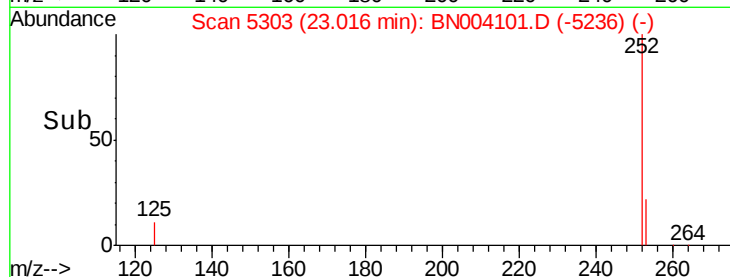
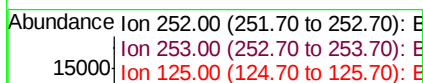
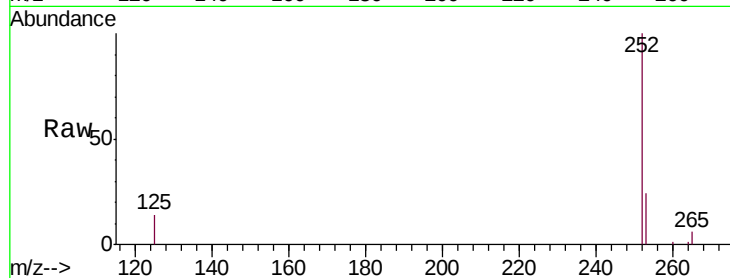
Tgt Ion:252 Resp: 19515

Ion Ratio Lower Upper

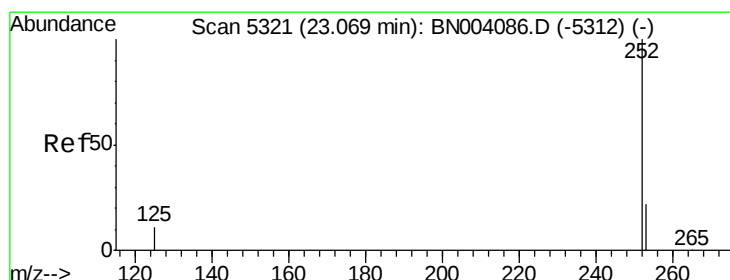
252 100

253 23.7 0.0 46.0

125 13.6 0.0 22.4



Time-->



#22

Benzo(k)fluoranthene

Concen: 0.383 ng/ul

RT: 23.06 min Scan# 5319

Delta R.T. -0.01 min

Lab File: BN004101.D

Acq: 19 Dec 2018 05:34

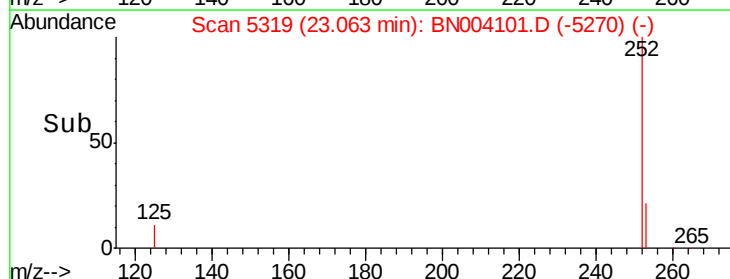
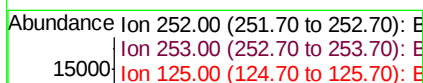
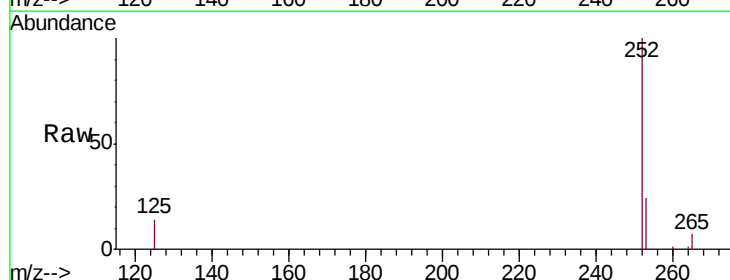
Tgt Ion:252 Resp: 19735

Ion Ratio Lower Upper

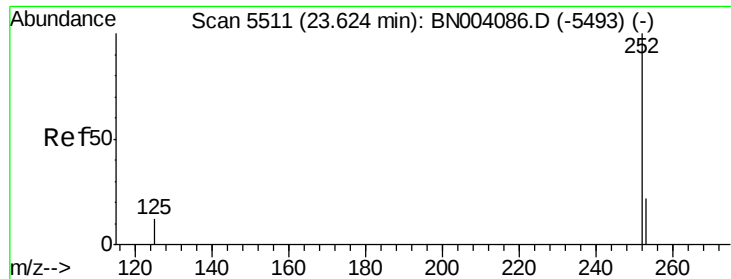
252 100

253 23.6 18.5 27.7

125 13.6 9.0 13.6#



Time-->



#23

Benzo(a)pyrene

Concen: 0.405 ng/u1

RT: 23.62 min Scan# 5509

Delta R.T. -0.01 min

Lab File: BN004101.D

Acq: 19 Dec 2018 05:34

Instrument :

BNA_N

ClientSampleId :

SSTD0.430

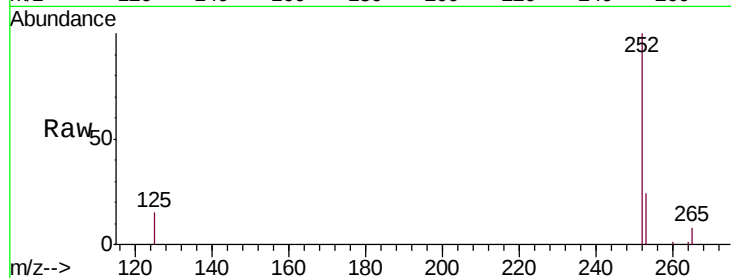
Tgt Ion:252 Resp: 18533

Ion Ratio Lower Upper

252 100

253 24.2 19.0 28.4

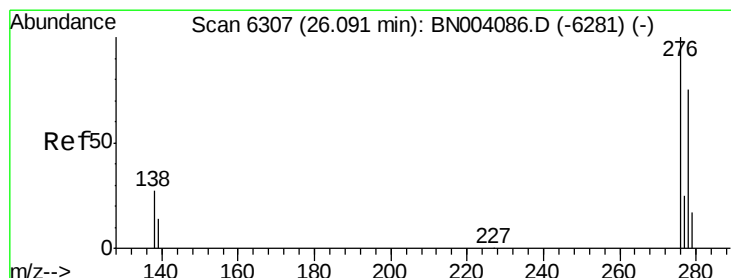
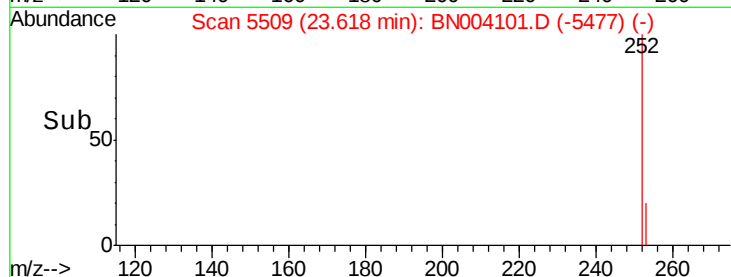
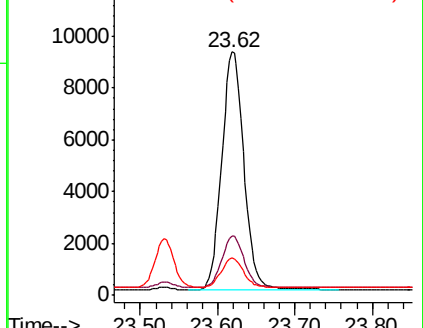
125 15.2 10.2 15.4



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: 0.408 ng/u1

RT: 26.09 min Scan# 6306

Delta R.T. -0.00 min

Lab File: BN004101.D

Acq: 19 Dec 2018 05:34

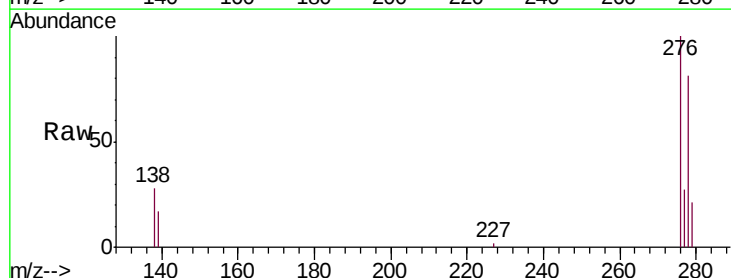
Tgt Ion:276 Resp: 21407

Ion Ratio Lower Upper

276 100

138 26.8 20.3 30.5

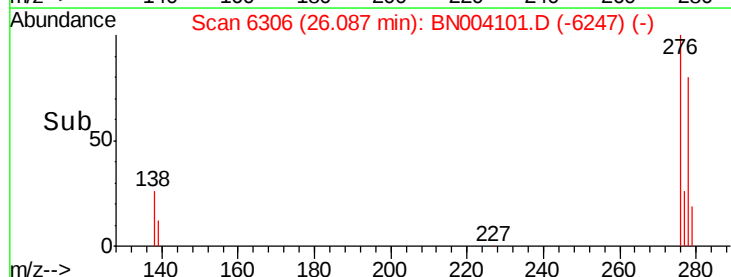
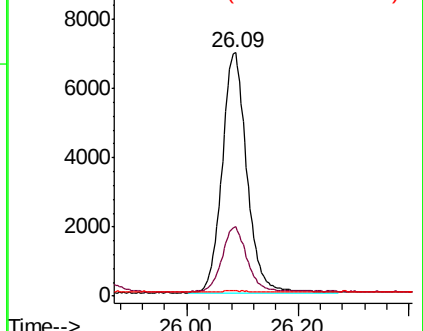
227 0.2 0.2 0.2#

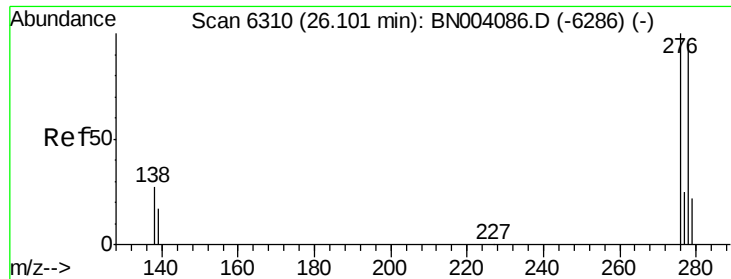


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

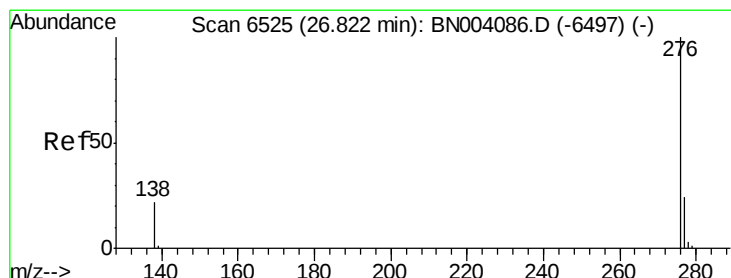
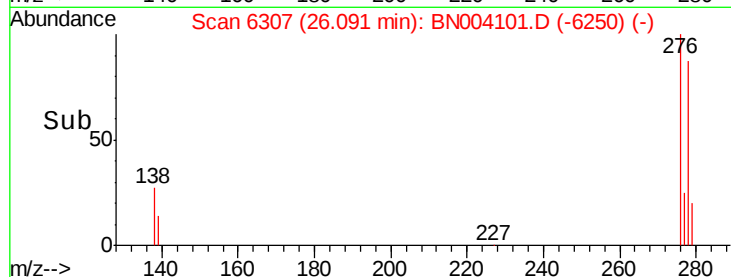
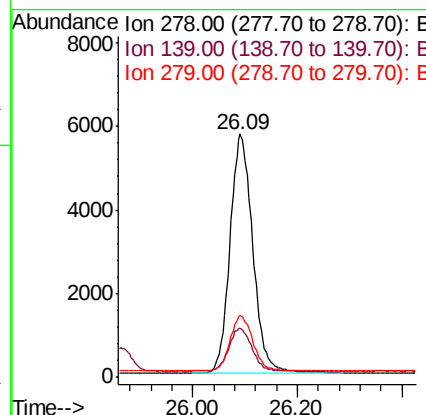
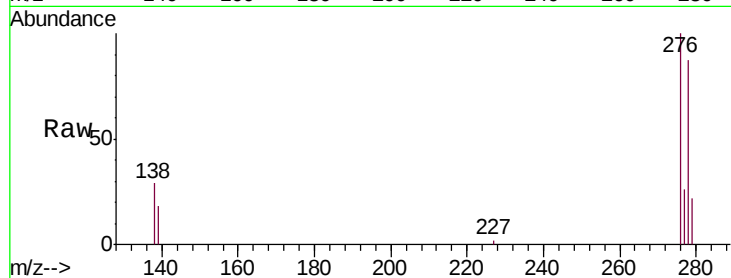




#25
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 26.09 min Scan# 6307
Delta R.T. -0.01 min
Lab File: BN004101.D
Acq: 19 Dec 2018 05:34

Instrument :
BNA_N
ClientSampleId :
SSTD0.430

Tgt Ion: 278 Resp: 17344
Ion Ratio Lower Upper
278 100
139 20.3 14.2 21.4
279 25.4 19.8 29.6



#26
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 26.82 min Scan# 6523
Delta R.T. -0.01 min
Lab File: BN004101.D
Acq: 19 Dec 2018 05:34

Tgt Ion: 276 Resp: 17958
Ion Ratio Lower Upper
276 100
138 25.3 17.7 26.5
277 24.9 19.3 28.9

