

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122818\
 Data File : BN004261.D
 Acq On : 28 Dec 2018 14:26
 Operator : JU/SJ
 Sample : SSTD0.454
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 28 15:24:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN122818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 28 15:21:10 2018
 Response via : Initial Calibration

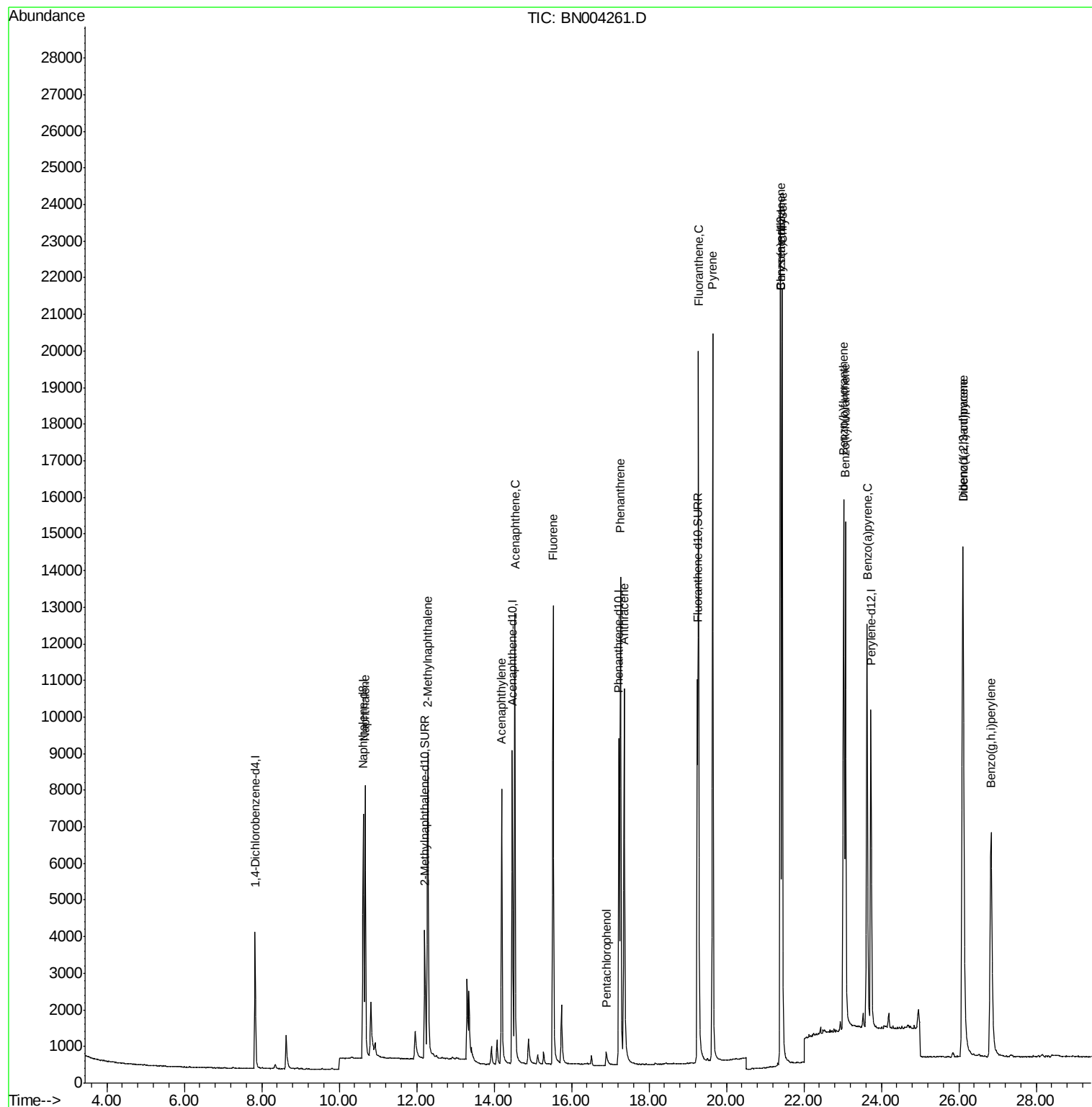
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2164	0.40	ng/ul	0.00
2) Naphthalene-d8	10.62	136	9760	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5486	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	12655	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14273	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	13047	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.21	152	5957	0.46	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	14293	0.49	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.67	128	10745	0.344	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	7596	0.383	ng/ul	99
7) Acenaphthylene	14.19	152	10644	0.390	ng/ul	100
8) Acenaphthene	14.53	153	8540	0.324	ng/ul	100
9) Fluorene	15.52	166	9540	0.334	ng/ul	100
11) Pentachlorophenol	16.90	266	604	0.237	ng/ul	97
12) Phenanthrene	17.26	178	16290	0.315	ng/ul	100
13) Anthracene	17.36	178	14421	0.376	ng/ul	100
15) Fluoranthene	19.28	202	18683	0.373	ng/ul	100
17) Pyrene	19.64	202	19104	0.227	ng/ul	100
18) Benzo(a)anthracene	21.39	228	18974	0.339	ng/ul	100
19) Chrysene	21.44	228	20289	0.266	ng/ul	100
21) Benzo(b)fluoranthene	23.02	252	19862	0.253	ng/ul	100
22) Benzo(k)fluoranthene	23.07	252	20187	0.273	ng/ul	100
23) Benzo(a)pyrene	23.63	252	18317	0.298	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	26.10	276	18889	0.272	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.11	278	15486	0.310	ng/ul	100
26) Benzo(g,h,i)perylene	26.83	276	15503	0.227	ng/ul	100

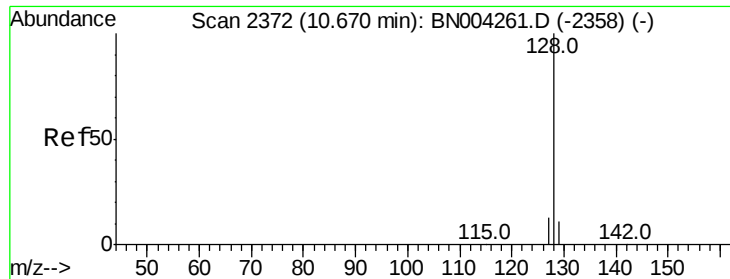
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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#3

Naphthalene

Concen: 0.344 ng/ul

RT: 10.67 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BN004261.D

Acq: 28 Dec 2018 14:26

Instrument :

BNA_N

ClientSampleId :

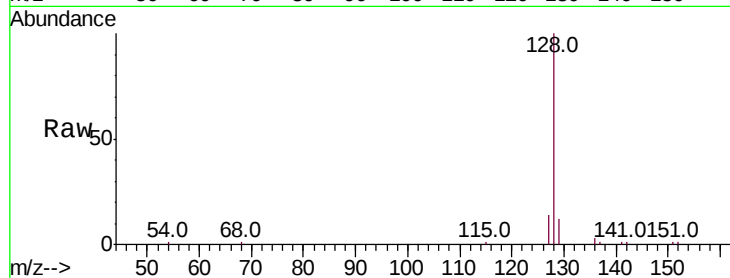
Tot Ion:128 Resp: 10745

Ion Ratio Lower Upper

128 100

129 11.9 9.5 14.3

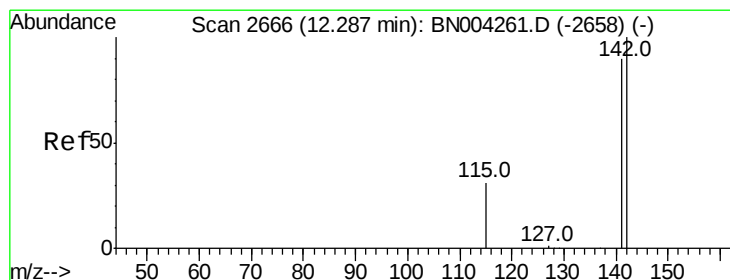
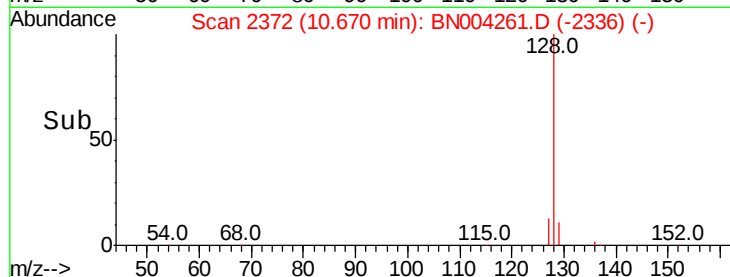
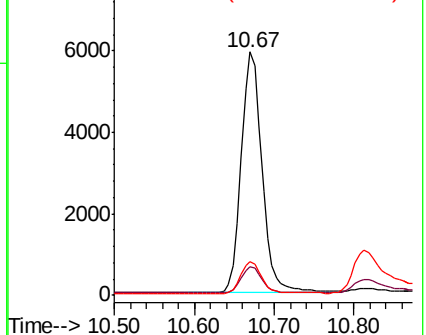
127 13.7 11.0 16.4



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: 0.383 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. 0.00 min

Lab File: BN004261.D

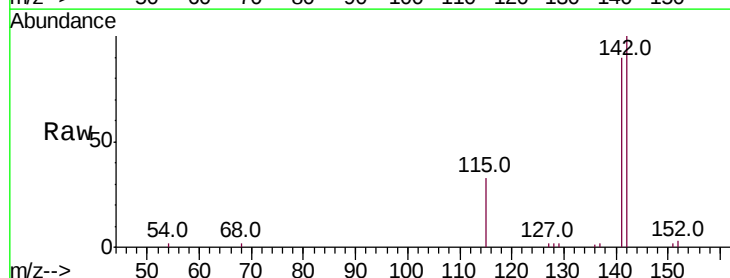
Acq: 28 Dec 2018 14:26

Tgt Ion:142 Resp: 7596

Ion Ratio Lower Upper

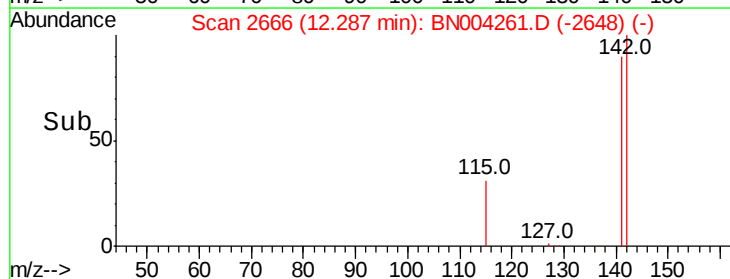
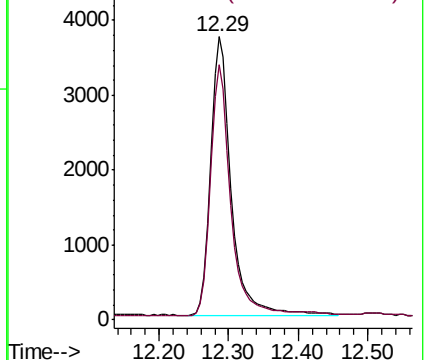
142 100

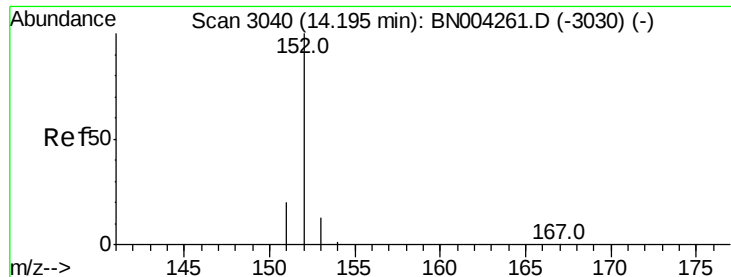
141 90.4 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.390 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BN004261.D

Acq: 28 Dec 2018 14:26

Instrument :

BNA_N

ClientSampleId :

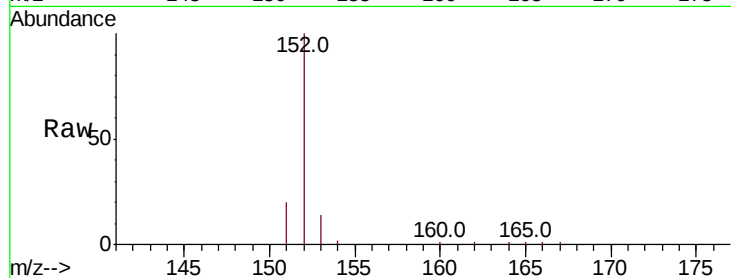
Tot Ion:152 Resp: 10644

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

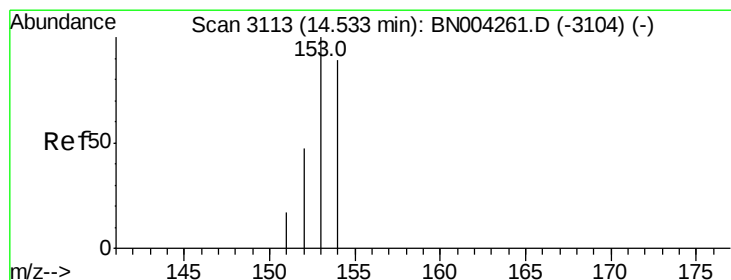
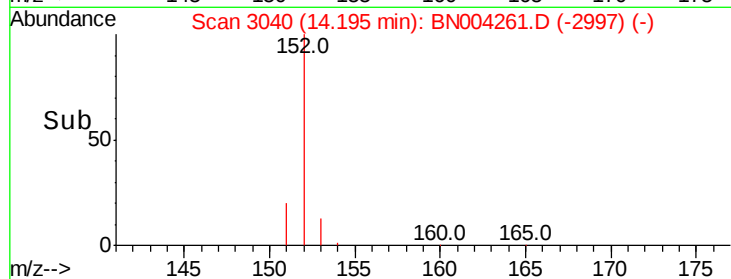
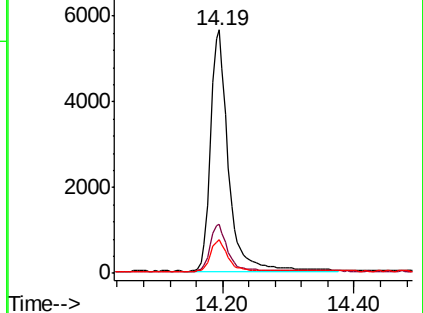
153 13.9 11.1 16.7



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: 0.324 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN004261.D

Acq: 28 Dec 2018 14:26

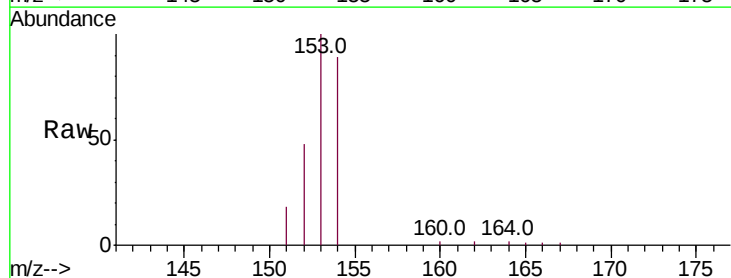
Tgt Ion:153 Resp: 8540

Ion Ratio Lower Upper

153 100

152 47.7 38.2 57.2

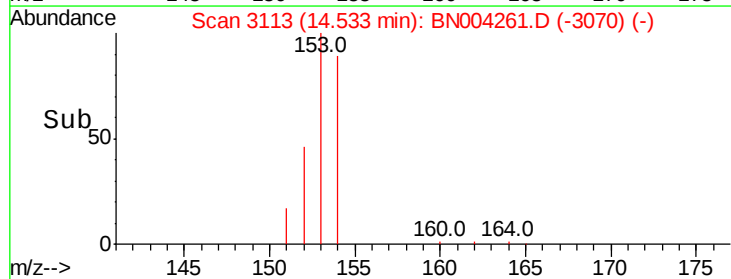
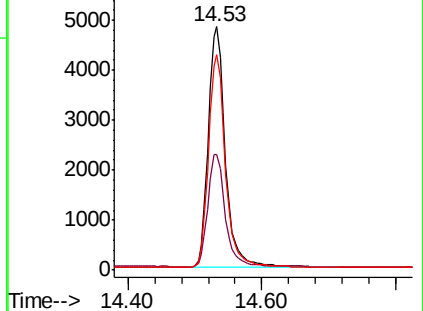
154 88.6 70.9 106.3

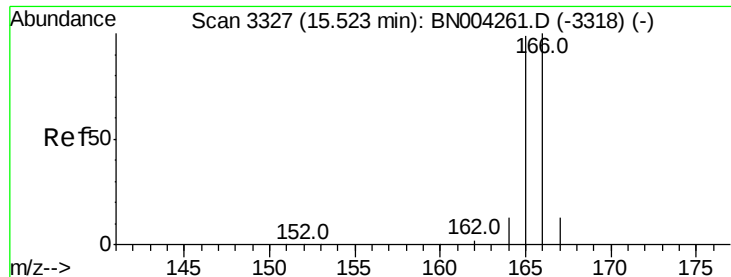


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.334 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. 0.00 min

Lab File: BN004261.D

Acq: 28 Dec 2018 14:26

Instrument :

BNA_N

ClientSampleId :

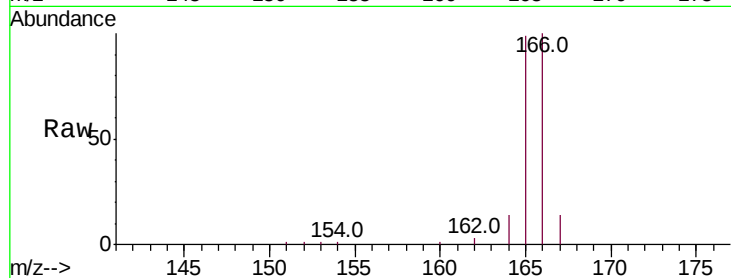
Tot Ion:166 Resp: 9540

Ion Ratio Lower Upper

166 100

165 98.8 79.0 118.6

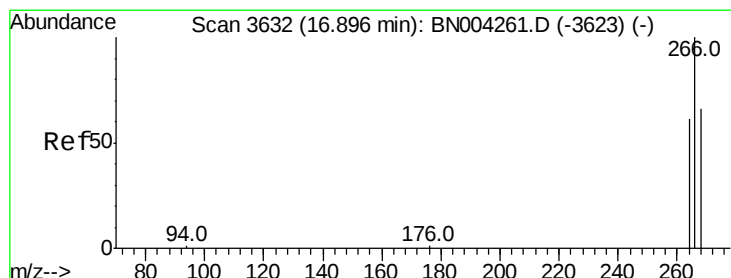
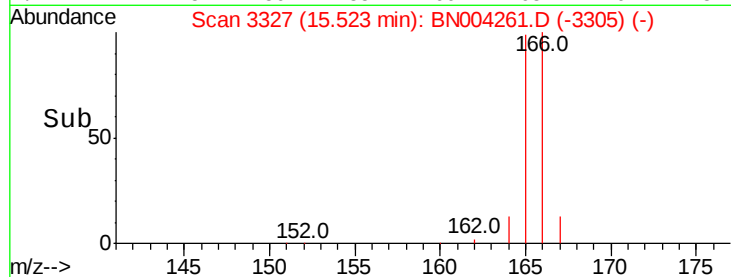
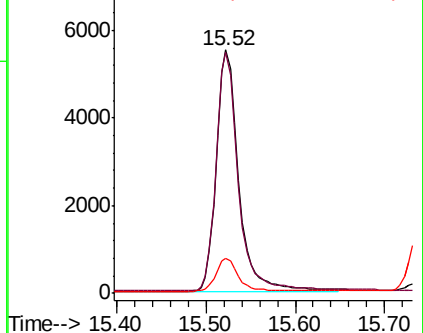
167 14.1 11.3 16.9



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: 0.237 ng/ul

RT: 16.90 min Scan# 3632

Delta R.T. 0.00 min

Lab File: BN004261.D

Acq: 28 Dec 2018 14:26

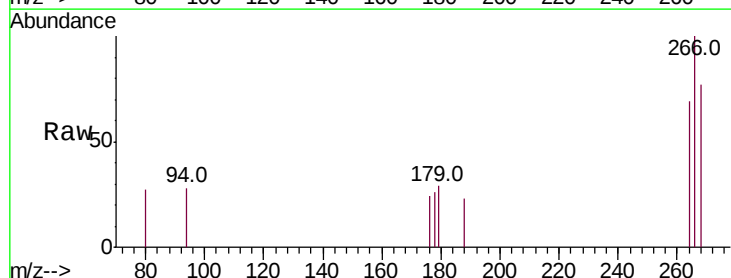
Tgt Ion:266 Resp: 604

Ion Ratio Lower Upper

266 100

264 59.6 51.1 76.7

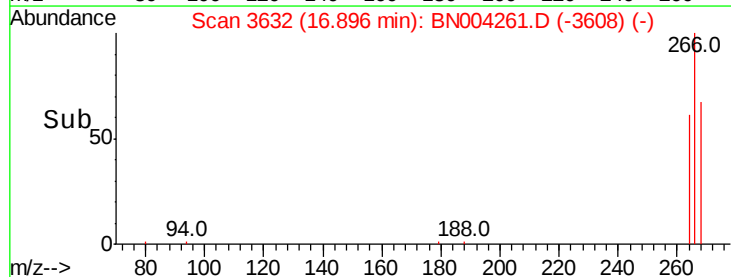
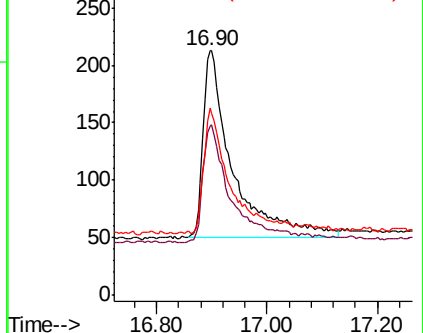
268 65.7 52.6 78.8

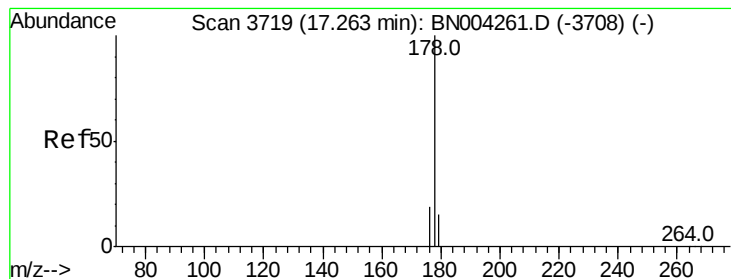


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.315 ng/ul

RT: 17.26 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BN004261.D

Acq: 28 Dec 2018 14:26

Instrument :

BNA_N

ClientSampleId :

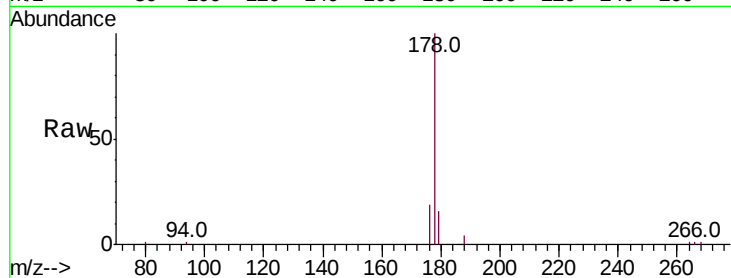
Tot Ion:178 Resp: 16290

Ion Ratio Lower Upper

178 100

179 15.7 12.6 18.8

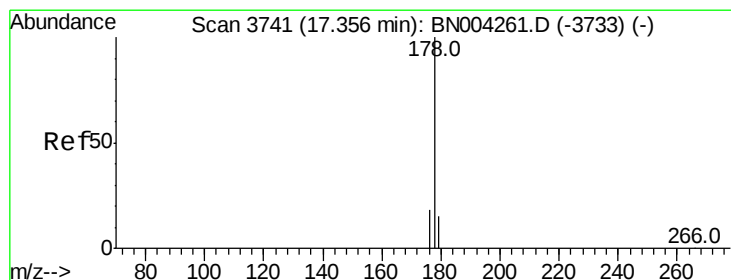
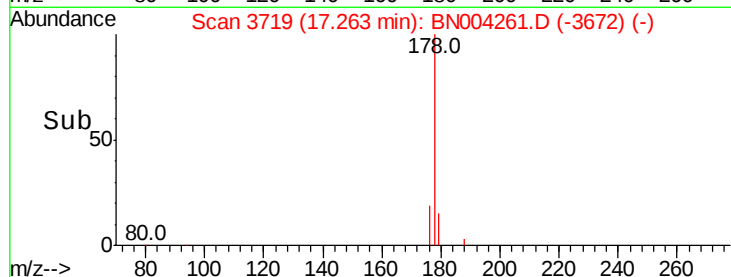
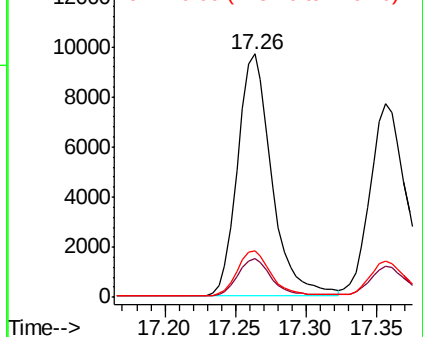
176 19.0 15.2 22.8



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: 0.376 ng/ul

RT: 17.36 min Scan# 3741

Delta R.T. 0.00 min

Lab File: BN004261.D

Acq: 28 Dec 2018 14:26

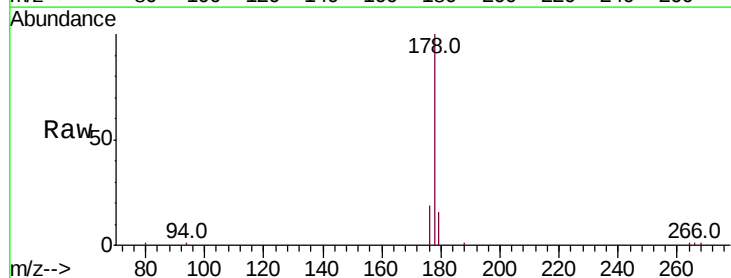
Tgt Ion:178 Resp: 14421

Ion Ratio Lower Upper

178 100

179 15.9 12.7 19.1

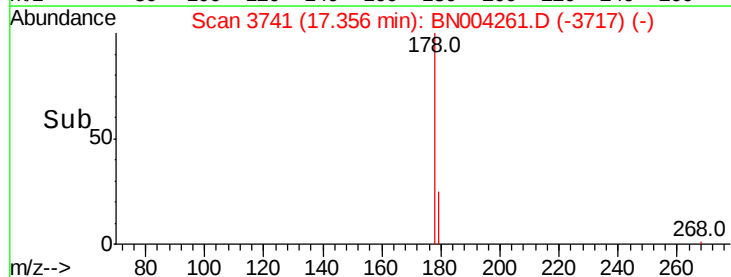
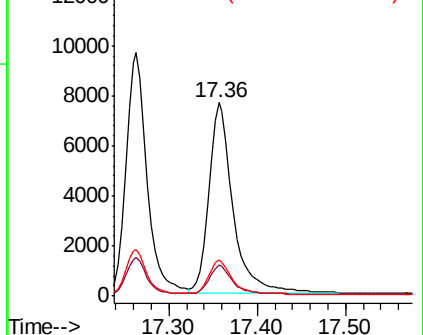
176 18.8 15.0 22.6

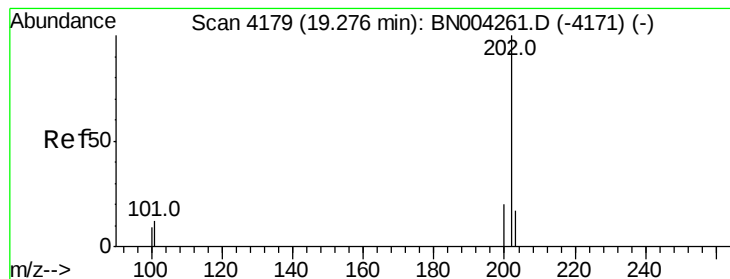


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.373 ng/ul

RT: 19.28 min Scan# 4179

Delta R.T. 0.00 min

Lab File: BN004261.D

Acq: 28 Dec 2018 14:26

Instrument :

BNA_N

ClientSampleId :

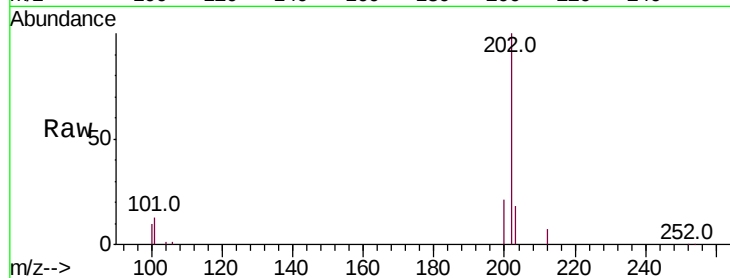
Tot Ion:202 Resp: 18683

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.6

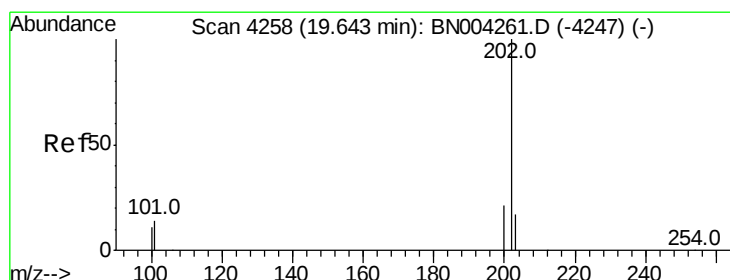
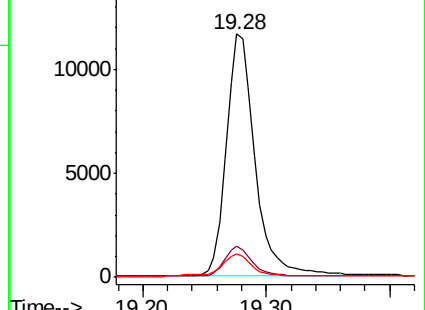
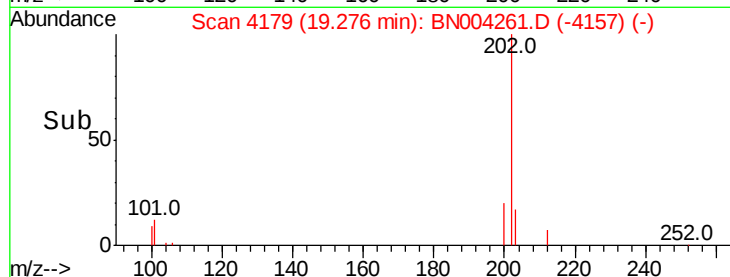
100 9.7 0.0 29.7



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



#17

Pyrene

Concen: 0.227 ng/ul

RT: 19.64 min Scan# 4258

Delta R.T. 0.00 min

Lab File: BN004261.D

Acq: 28 Dec 2018 14:26

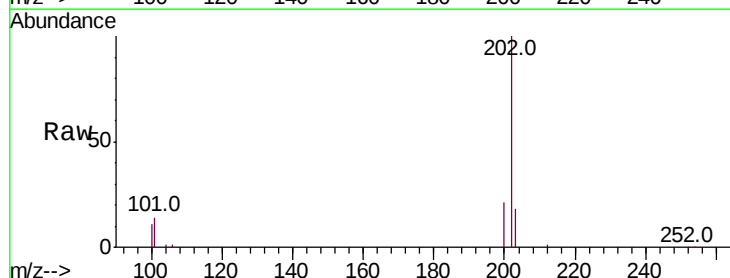
Tgt Ion:202 Resp: 19104

Ion Ratio Lower Upper

202 100

101 14.0 11.2 16.8

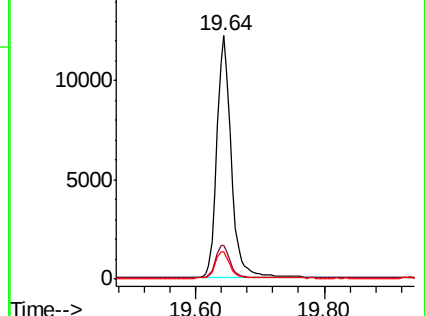
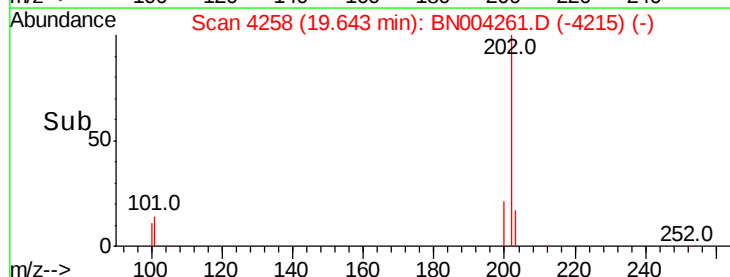
100 11.4 9.1 13.7

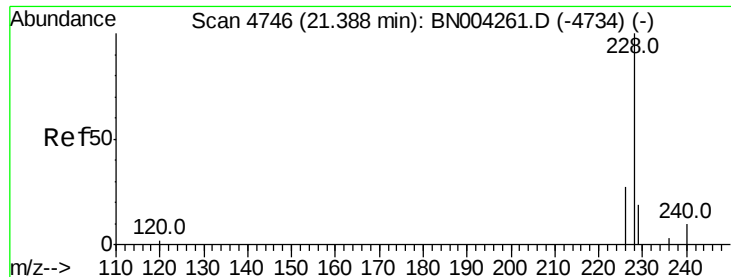


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.339 ng/ul

RT: 21.39 min Scan# 4746

Delta R.T. 0.00 min

Lab File: BN004261.D

Acq: 28 Dec 2018 14:26

Instrument :

BNA_N

ClientSampleId :

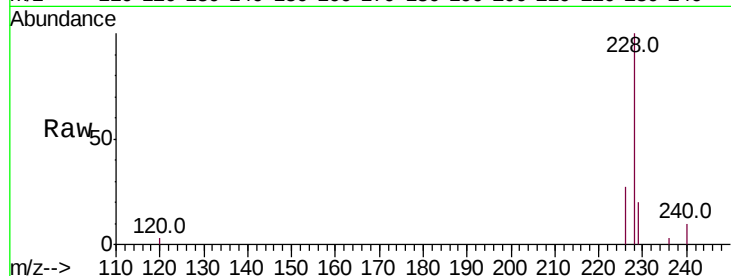
Tot Ion:228 Resp: 18974

Ion Ratio Lower Upper

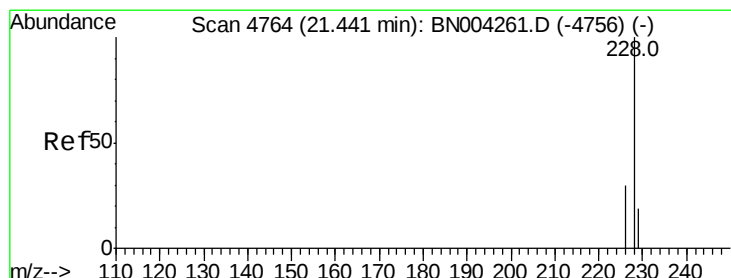
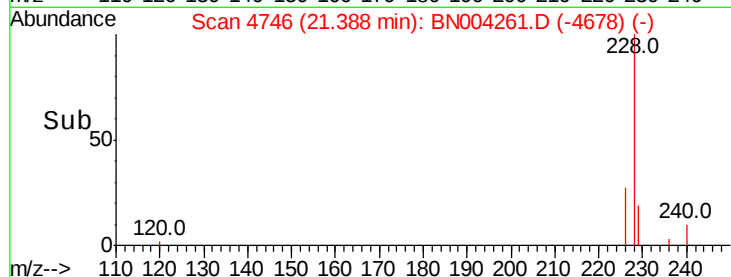
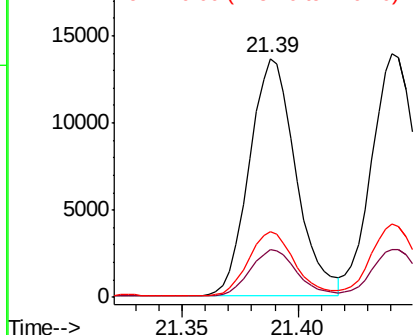
228 100

229 19.9 15.9 23.9

226 27.4 21.9 32.9



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: 0.266 ng/ul

RT: 21.44 min Scan# 4764

Delta R.T. 0.00 min

Lab File: BN004261.D

Acq: 28 Dec 2018 14:26

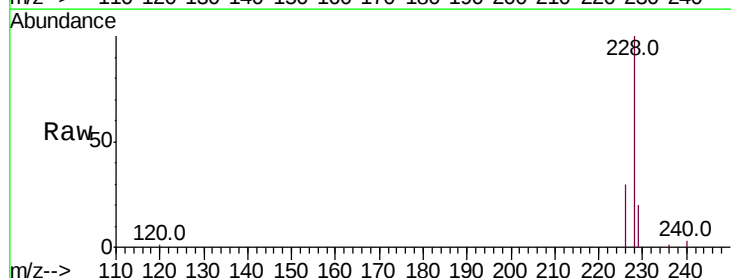
Tgt Ion:228 Resp: 20289

Ion Ratio Lower Upper

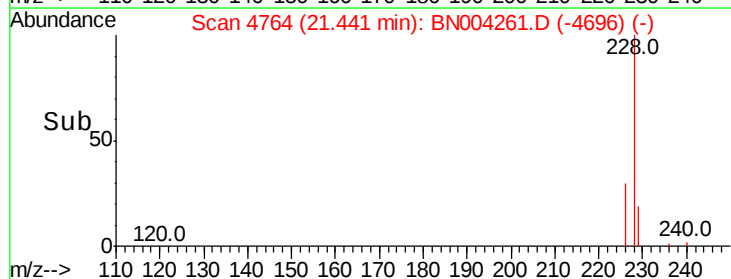
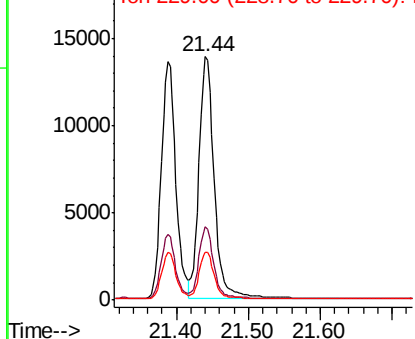
228 100

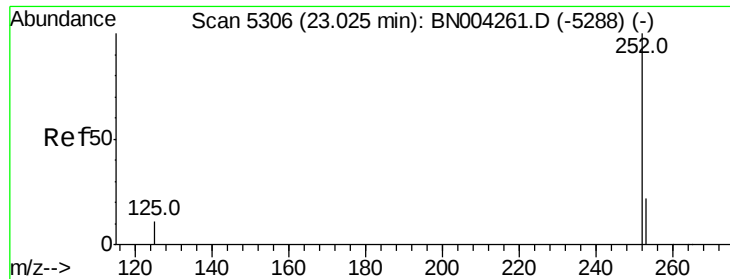
226 30.4 24.3 36.5

229 19.9 15.9 23.9



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: 0.253 ng/u1

RT: 23.02 min Scan# 5306

Delta R.T. 0.00 min

Lab File: BN004261.D

Acq: 28 Dec 2018 14:26

Instrument :

BNA_N

ClientSampleId :

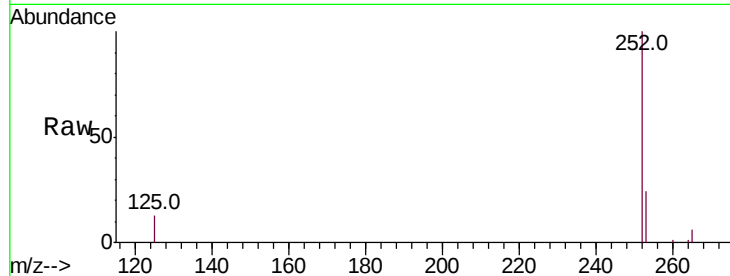
Tot Ion:252 Resp: 19862

Ion Ratio Lower Upper

252 100

253 23.8 0.0 47.6

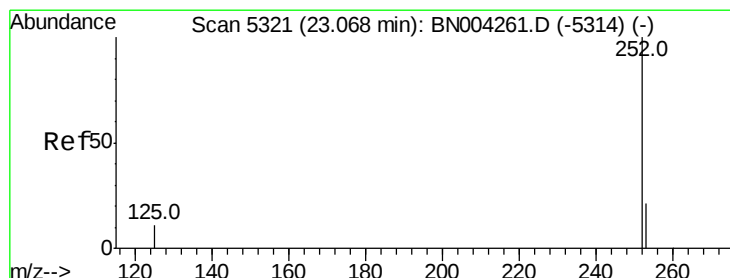
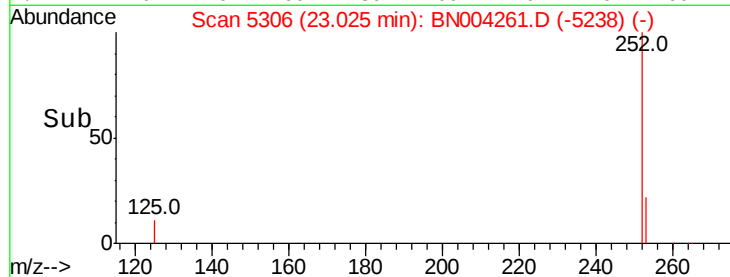
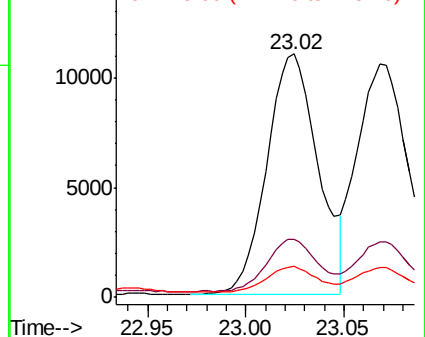
125 12.5 0.0 25.0



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: 0.273 ng/u1

RT: 23.07 min Scan# 5321

Delta R.T. 0.00 min

Lab File: BN004261.D

Acq: 28 Dec 2018 14:26

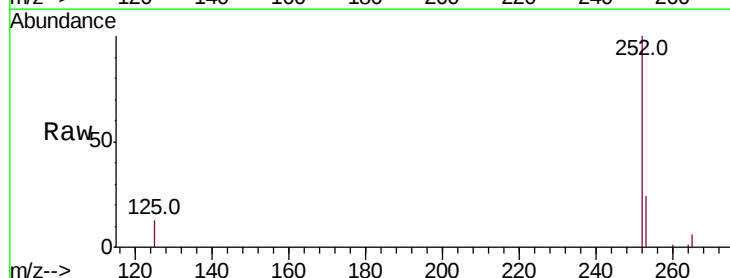
Tgt Ion:252 Resp: 20187

Ion Ratio Lower Upper

252 100

253 23.8 19.0 28.6

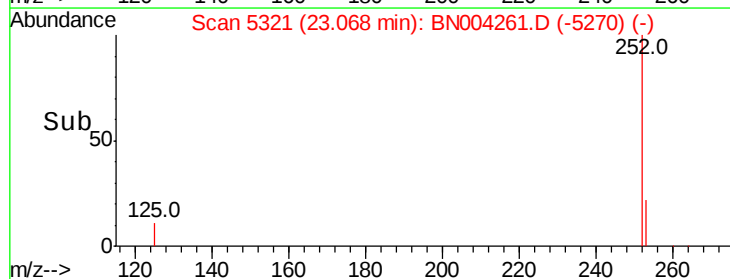
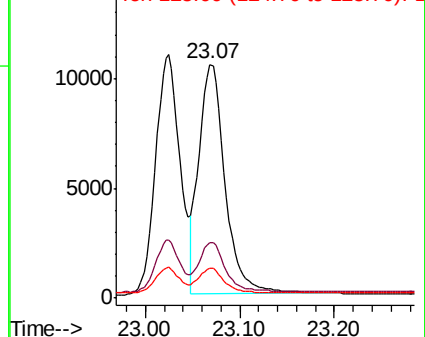
125 12.7 10.2 15.2

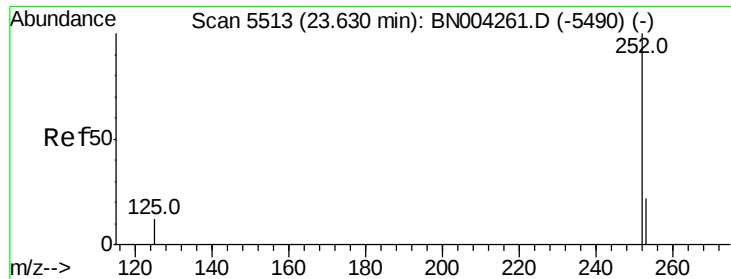


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.298 ng/ul

RT: 23.63 min Scan# 5513

Delta R.T. 0.00 min

Lab File: BN004261.D

Acq: 28 Dec 2018 14:26

Instrument :

BNA_N

ClientSampled :

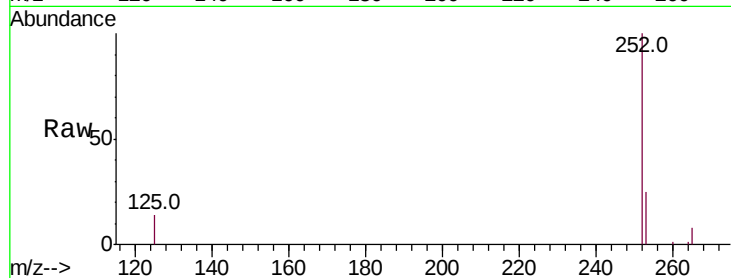
Tot Ion:252 Resp: 18317

Ion Ratio Lower Upper

252 100

253 25.0 20.0 30.0

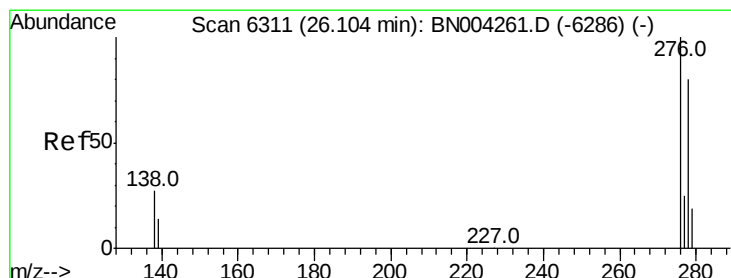
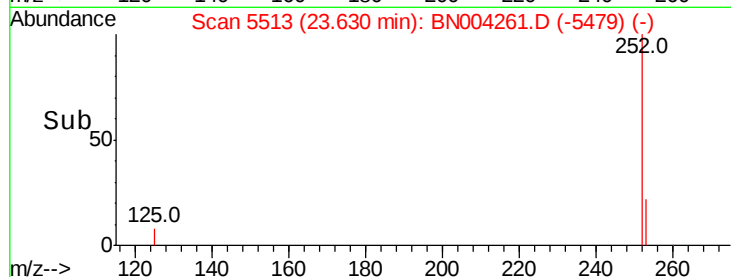
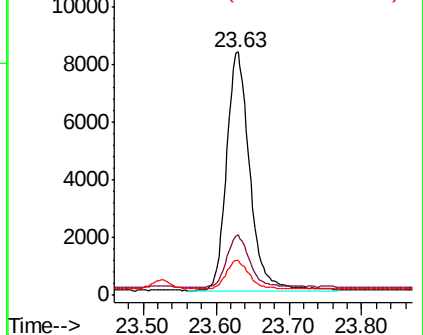
125 14.2 11.4 17.0



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: 0.272 ng/ul

RT: 26.10 min Scan# 6311

Delta R.T. 0.00 min

Lab File: BN004261.D

Acq: 28 Dec 2018 14:26

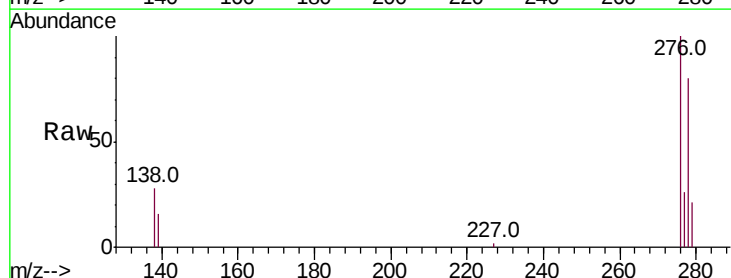
Tgt Ion:276 Resp: 18889

Ion Ratio Lower Upper

276 100

138 26.4 0.0 0.0#

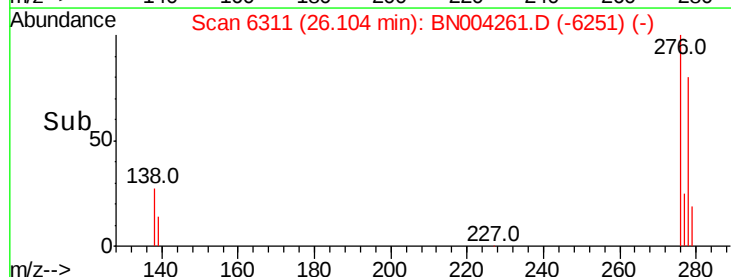
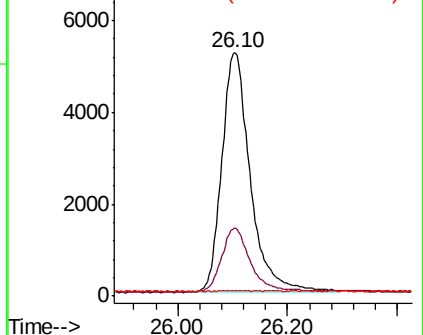
227 0.1 0.1 0.1#

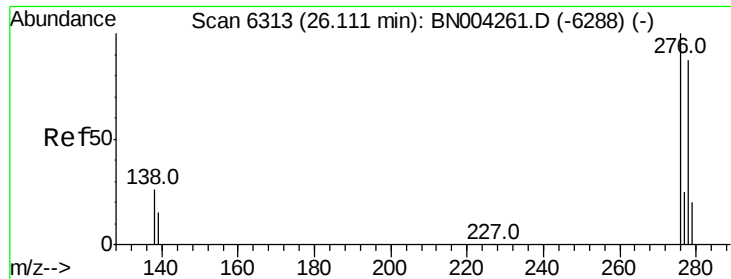


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.310 ng/ul

RT: 26.11 min Scan# 6313

Delta R.T. 0.00 min

Lab File: BN004261.D

Acq: 28 Dec 2018 14:26

Instrument :

BNA_N

ClientSampleId :

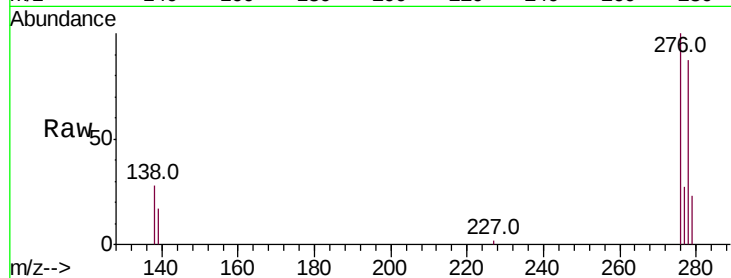
Tot Ion:278 Resp: 15486

Ion Ratio Lower Upper

278 100

139 19.3 15.4 23.2

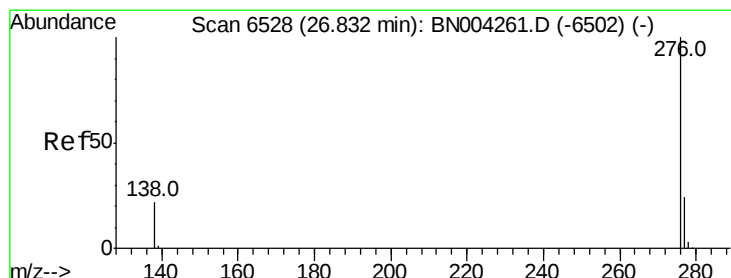
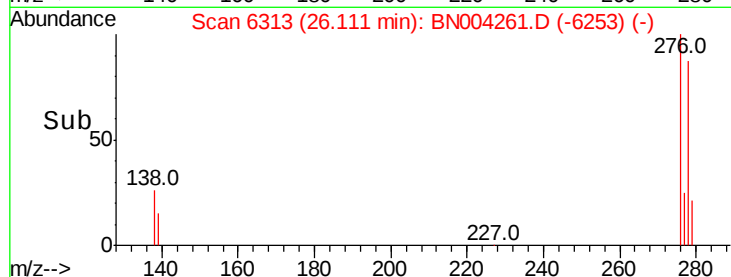
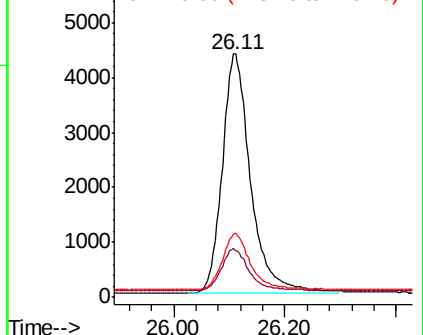
279 26.3 21.0 31.6



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: 0.227 ng/ul

RT: 26.83 min Scan# 6528

Delta R.T. 0.00 min

Lab File: BN004261.D

Acq: 28 Dec 2018 14:26

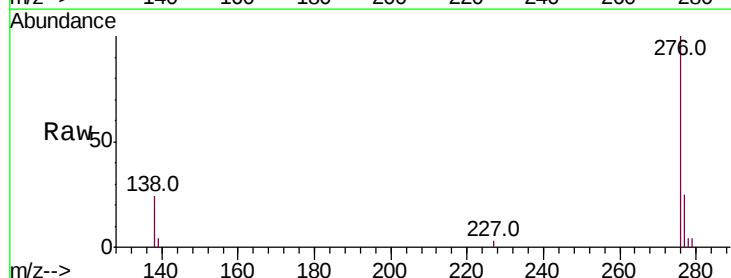
Tgt Ion:276 Resp: 15503

Ion Ratio Lower Upper

276 100

138 24.2 19.4 29.0

277 25.5 20.4 30.6



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

