

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122818\
 Data File : BN004283.D
 Acq On : 29 Dec 2018 03:16
 Operator : JU/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.436

Quant Time: Dec 29 04:07:48 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 22:16:51 2018
 Response via : Initial Calibration

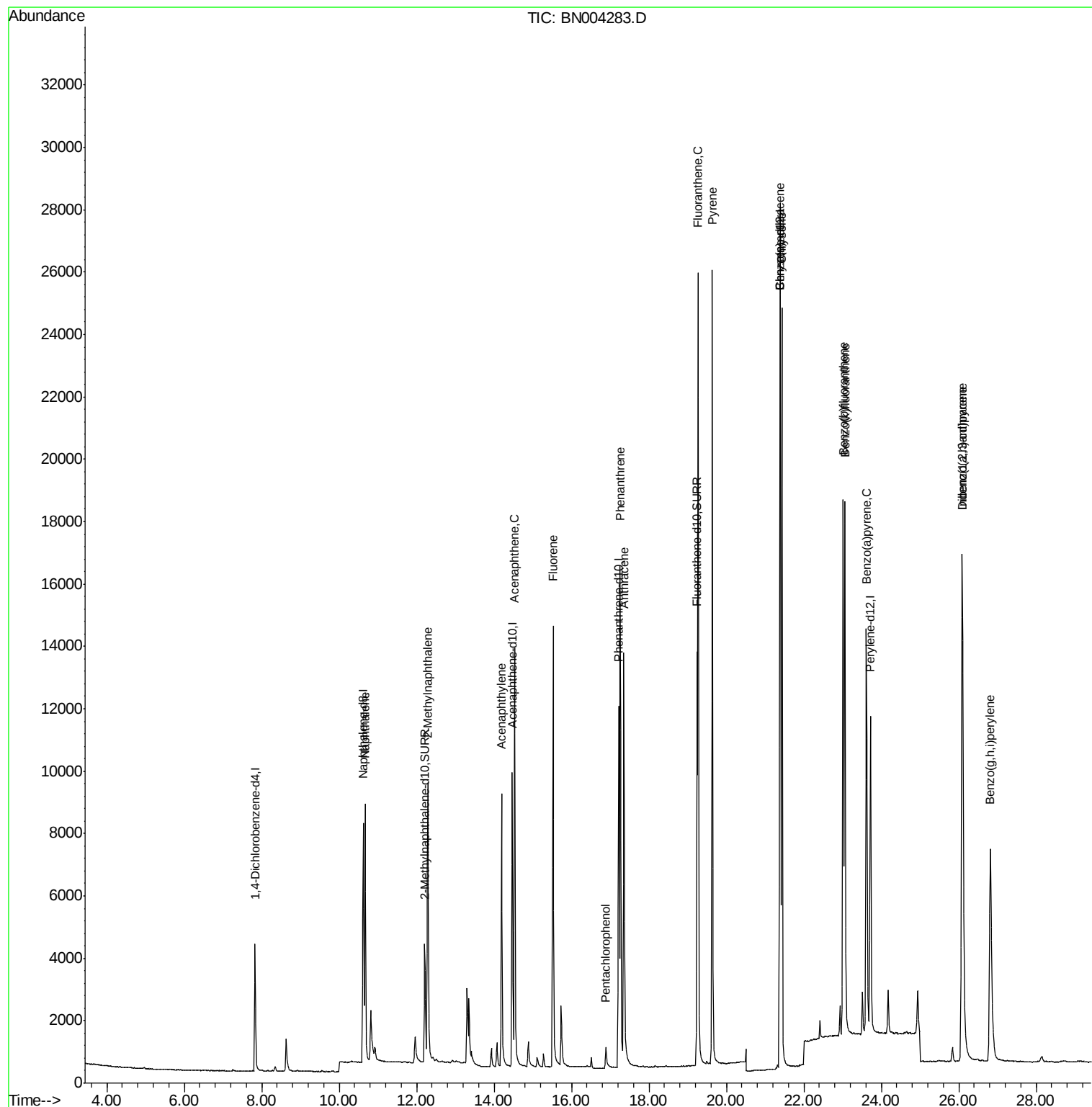
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	2424	0.40	ng/ul	0.00
2) Naphthalene-d8	10.62	136	11061	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6109	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	15311	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15944	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	15087	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.21	152	6312	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	16317	0.36	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.67	128	12128	0.389	ng/ul	99
5) 2-Methylnaphthalene	12.29	142	8258	0.382	ng/ul	99
7) Acenaphthylene	14.19	152	12292	0.402	ng/ul	100
8) Acenaphthene	14.53	153	9293	0.379	ng/ul	99
9) Fluorene	15.52	166	10611	0.382	ng/ul	99
11) Pentachlorophenol	16.89	266	896	0.404	ng/ul	96
12) Phenanthrene	17.26	178	18909	0.380	ng/ul	100
13) Anthracene	17.35	178	17332	0.383	ng/ul	100
15) Fluoranthene	19.27	202	22485	0.375	ng/ul	99
17) Pyrene	19.64	202	23486	0.431	ng/ul	99
18) Benzo(a)anthracene	21.38	228	21655	0.400	ng/ul	100
19) Chrysene	21.43	228	22483	0.387	ng/ul	100
21) Benzo(b)fluoranthene	23.01	252	23471	0.410	ng/ul	100
22) Benzo(k)fluoranthene	23.06	252	23667	0.390	ng/ul	100
23) Benzo(a)pyrene	23.62	252	21322	0.392	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.09	276	21833	0.387	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.10	278	17790	0.384	ng/ul	99
26) Benzo(g,h,i)perylene	26.82	276	17880	0.377	ng/ul	100

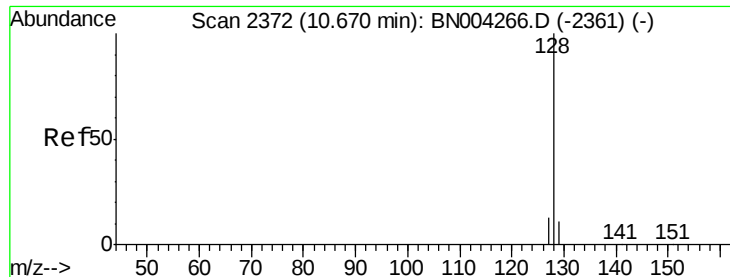
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.389 ng/ul

RT: 10.67 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BN004283.D

Acq: 29 Dec 2018 03:16

Instrument :

BNA_N

ClientSampleId :

SSTD0.436

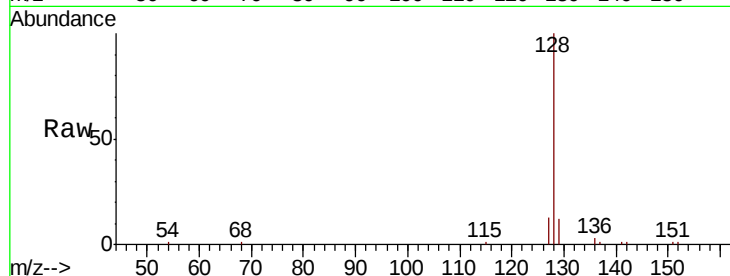
Tgt Ion:128 Resp: 12128

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

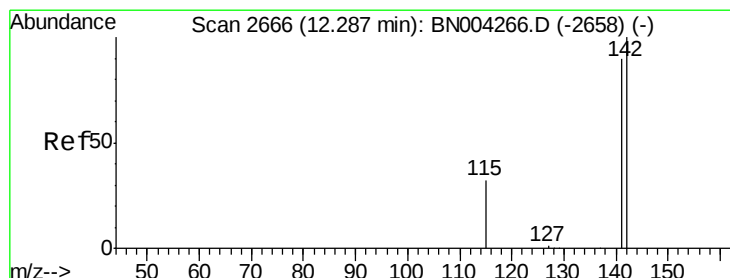
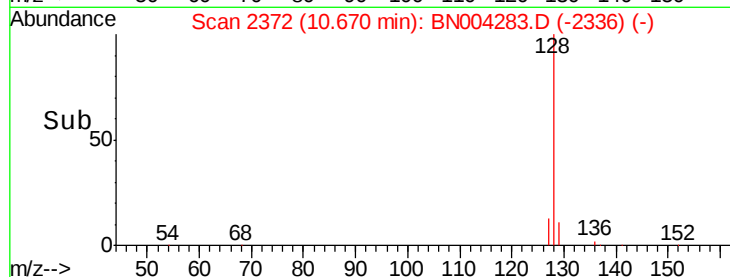
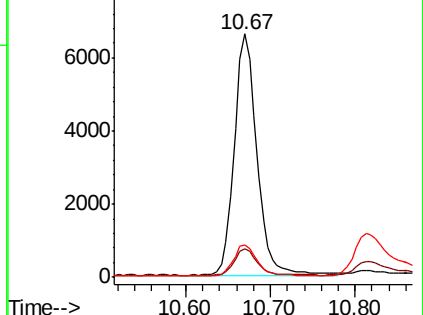
127 13.2 11.0 16.4



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: 0.382 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BN004283.D

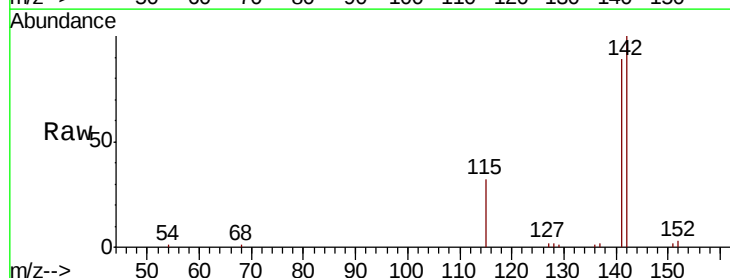
Acq: 29 Dec 2018 03:16

Tgt Ion:142 Resp: 8258

Ion Ratio Lower Upper

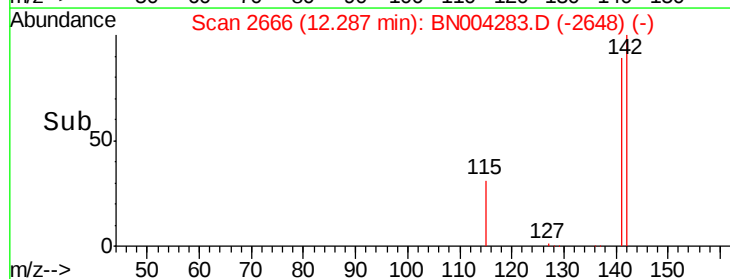
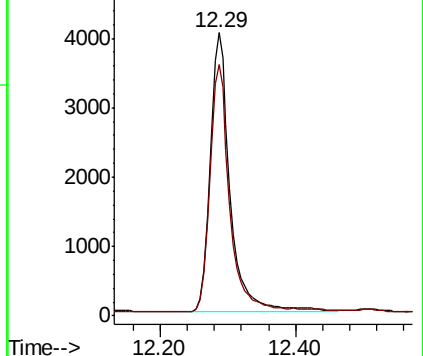
142 100

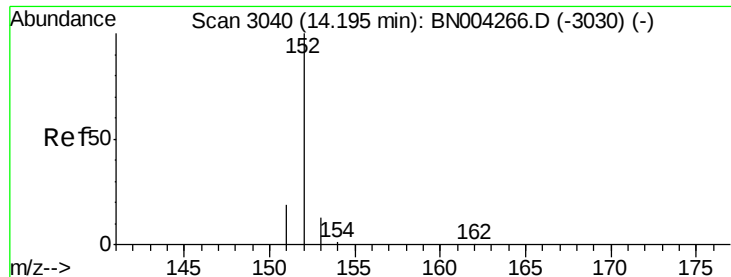
141 88.0 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.402 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004283.D

Acq: 29 Dec 2018 03:16

Instrument :

BNA_N

ClientSampleId :

SSTD0.436

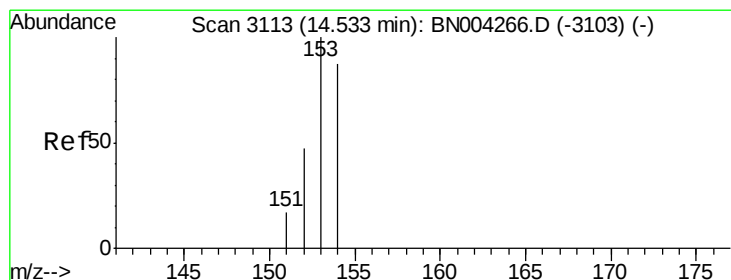
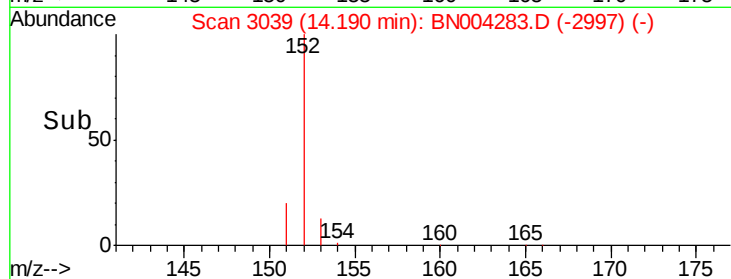
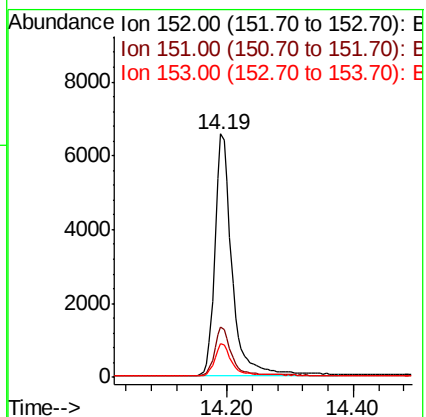
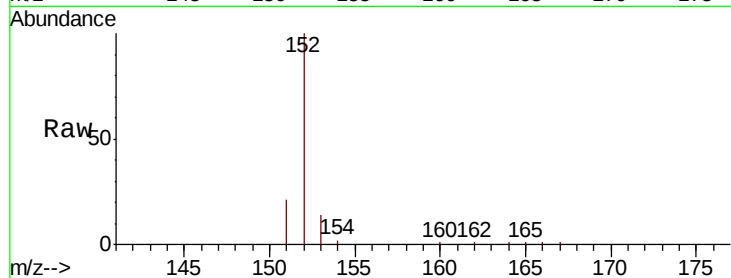
Tgt Ion:152 Resp: 12292

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.7 11.1 16.7



#8

Acenaphthene

Concen: 0.379 ng/ul

RT: 14.53 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BN004283.D

Acq: 29 Dec 2018 03:16

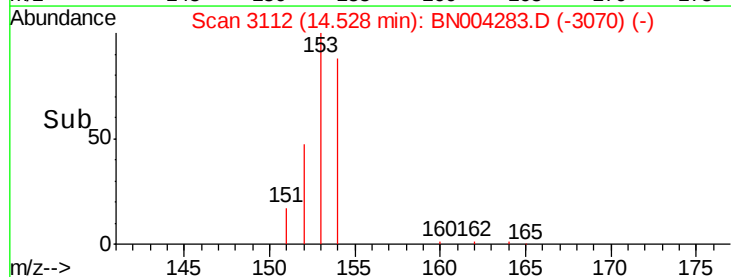
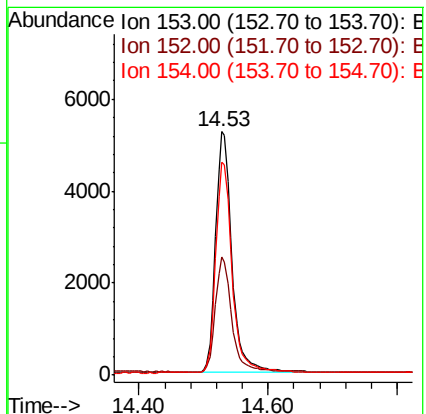
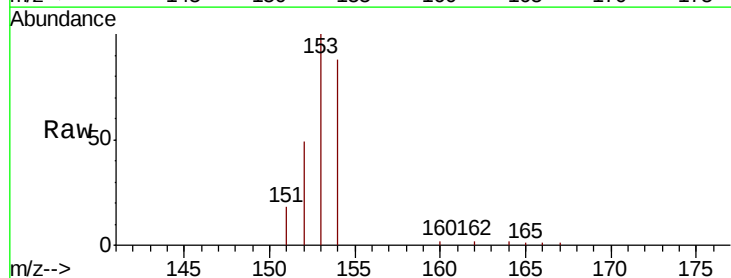
Tgt Ion:153 Resp: 9293

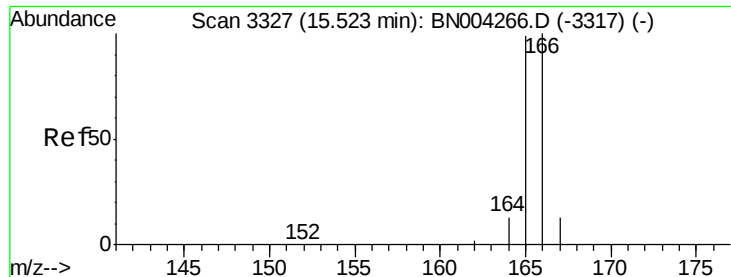
Ion Ratio Lower Upper

153 100

152 48.7 38.2 57.2

154 87.5 70.9 106.3





#9

Fluorene

Concen: 0.382 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. -0.00 min

Lab File: BN004283.D

Acq: 29 Dec 2018 03:16

Instrument :

BNA_N

ClientSampleId :

SSTD0.436

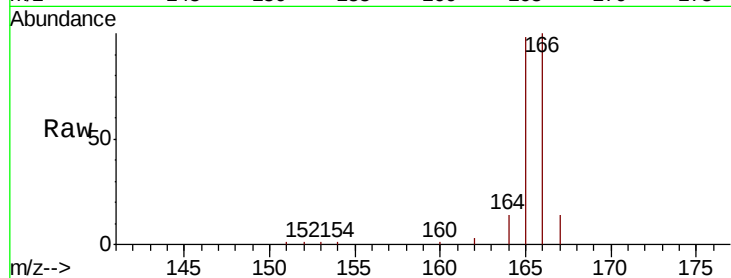
Tgt Ion:166 Resp: 10611

Ion Ratio Lower Upper

166 100

165 98.2 79.0 118.6

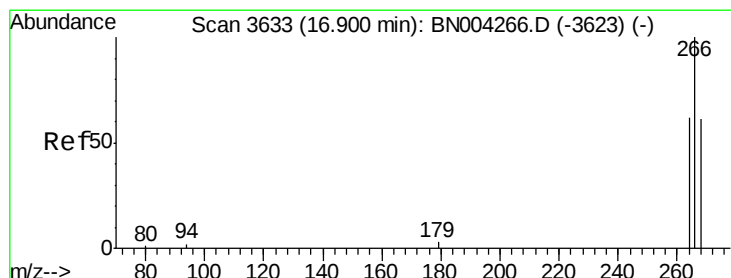
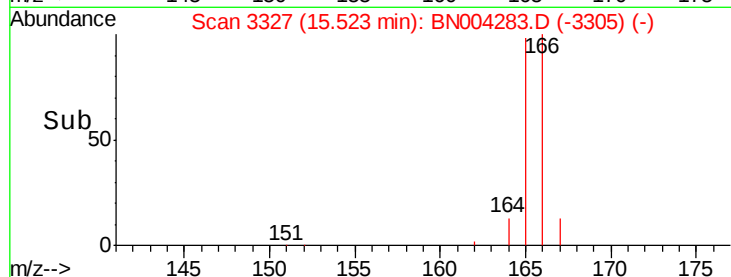
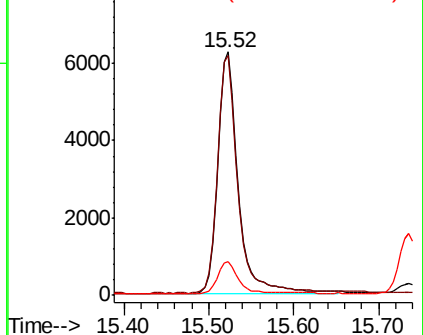
167 13.8 11.3 16.9



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: 0.404 ng/ul

RT: 16.89 min Scan# 3630

Delta R.T. -0.01 min

Lab File: BN004283.D

Acq: 29 Dec 2018 03:16

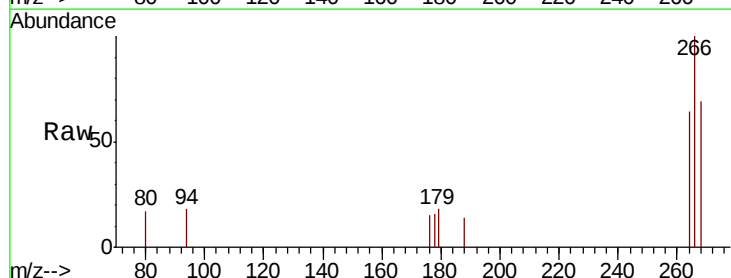
Tgt Ion:266 Resp: 896

Ion Ratio Lower Upper

266 100

264 59.3 51.1 76.7

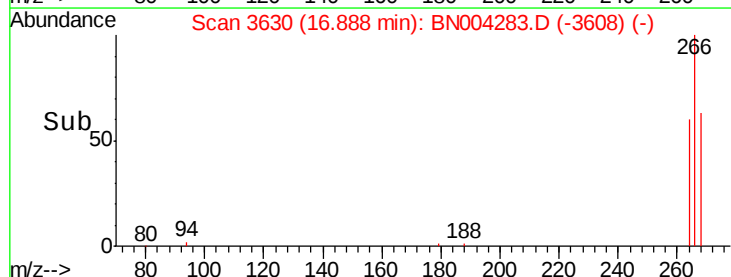
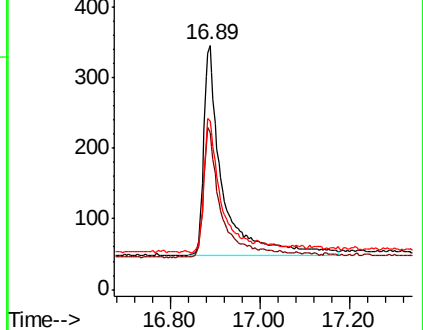
268 64.3 52.6 78.8

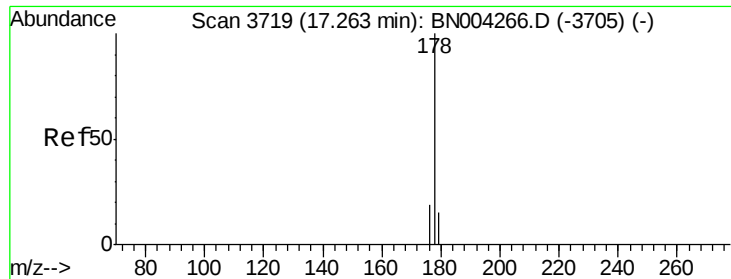


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.380 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN004283.D

Acq: 29 Dec 2018 03:16

Instrument :

BNA_N

ClientSampleId :

SSTD0.436

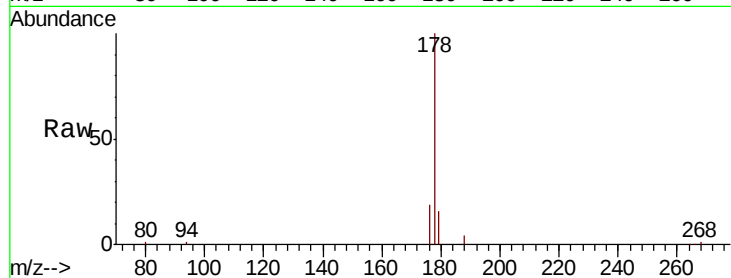
Tgt Ion:178 Resp: 18909

Ion Ratio Lower Upper

178 100

179 15.6 12.6 18.8

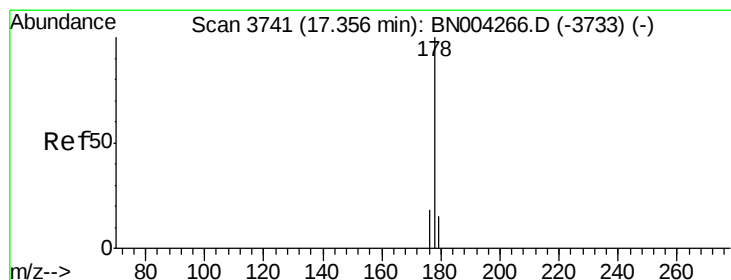
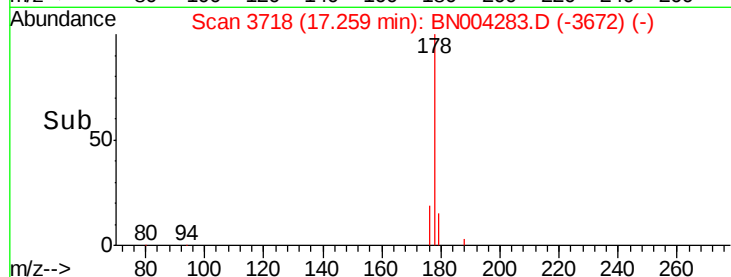
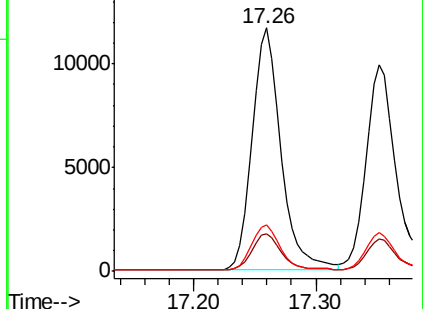
176 19.0 15.2 22.8



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: 0.383 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BN004283.D

Acq: 29 Dec 2018 03:16

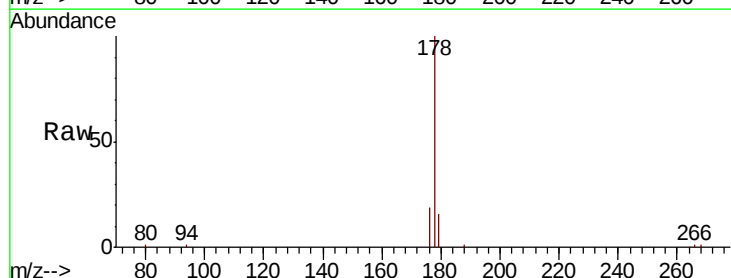
Tgt Ion:178 Resp: 17332

Ion Ratio Lower Upper

178 100

179 15.8 12.7 19.1

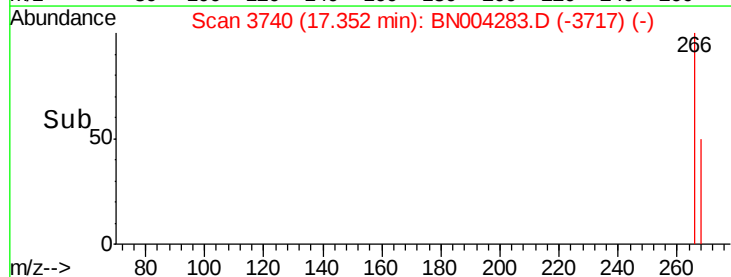
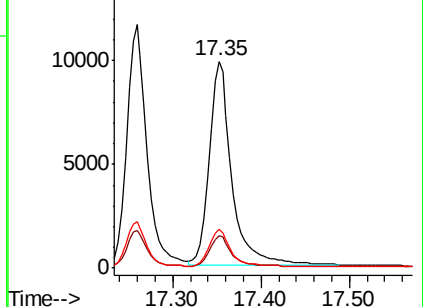
176 18.6 15.0 22.6

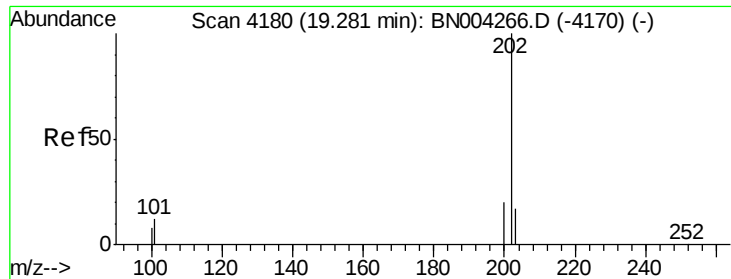


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.375 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN004283.D

Acq: 29 Dec 2018 03:16

Instrument :

BNA_N

ClientSampleId :

SSTD0.436

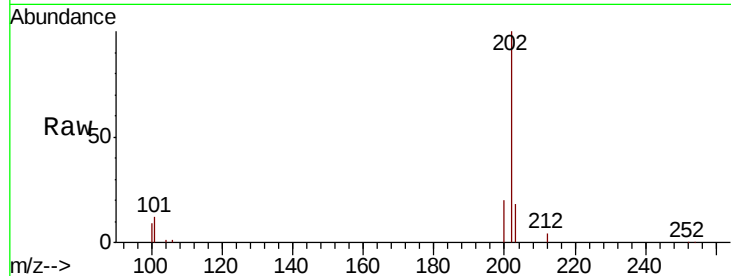
Tgt Ion:202 Resp: 22485

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.6

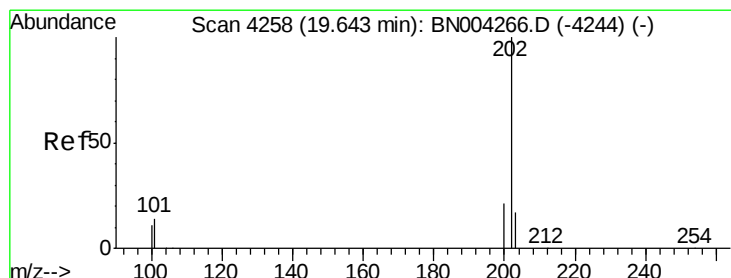
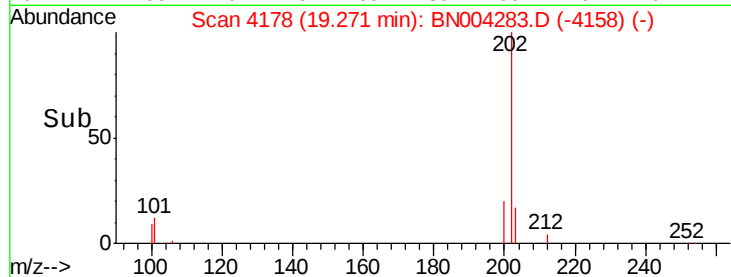
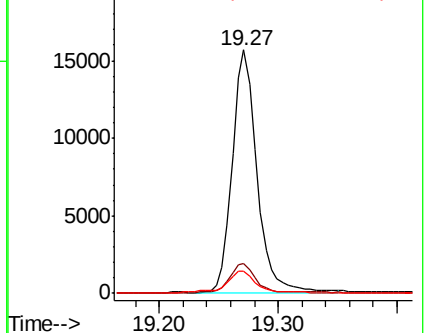
100 9.2 0.0 29.7



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: 0.431 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN004283.D

Acq: 29 Dec 2018 03:16

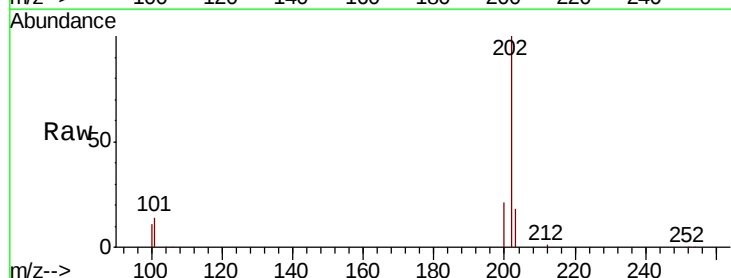
Tgt Ion:202 Resp: 23486

Ion Ratio Lower Upper

202 100

101 13.6 11.2 16.8

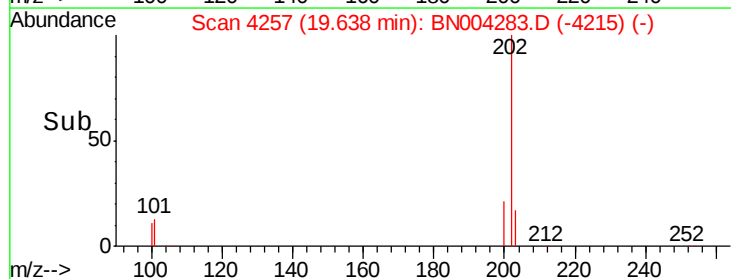
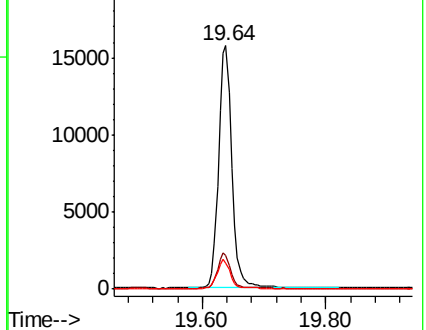
100 10.8 9.1 13.7

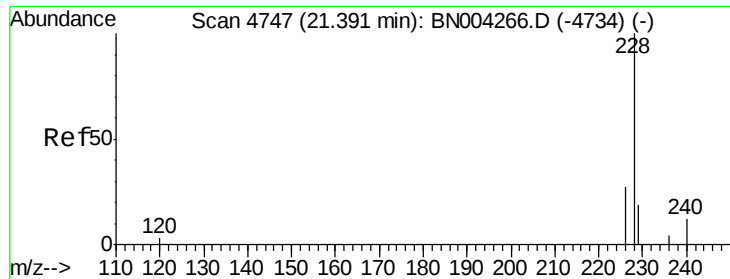


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.400 ng/ul

RT: 21.38 min Scan# 4743

Delta R.T. -0.01 min

Lab File: BN004283.D

Acq: 29 Dec 2018 03:16

Instrument :

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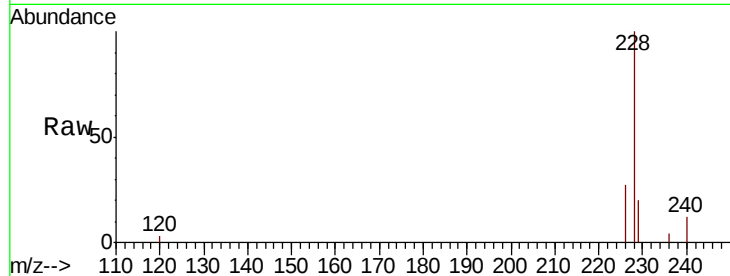
Tgt Ion:228 Resp: 21655

Ion Ratio Lower Upper

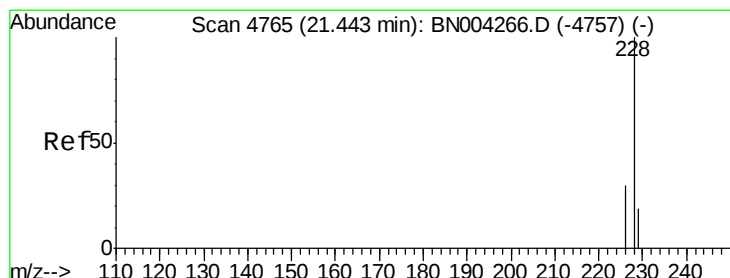
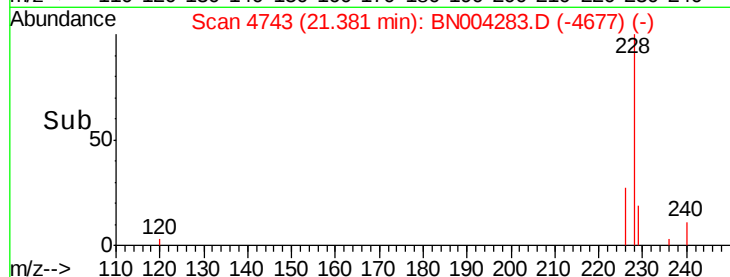
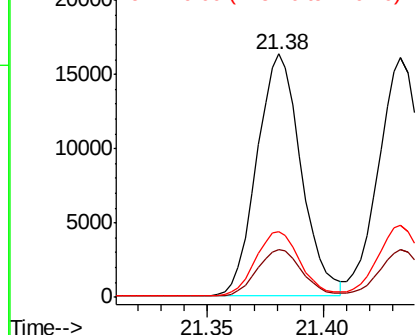
228 100

229 19.7 15.9 23.9

226 27.1 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: 0.387 ng/ul

RT: 21.43 min Scan# 4761

Delta R.T. -0.01 min

Lab File: BN004283.D

Acq: 29 Dec 2018 03:16

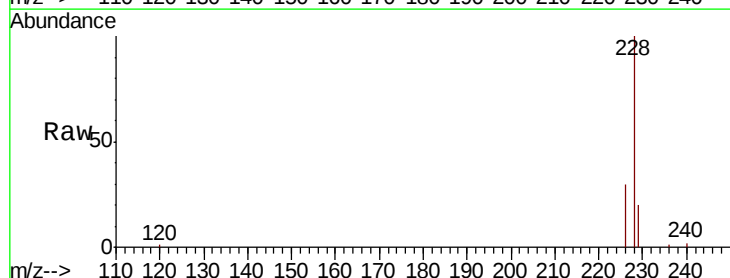
Tgt Ion:228 Resp: 22483

Ion Ratio Lower Upper

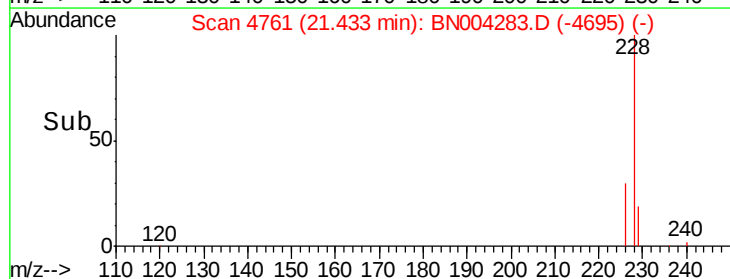
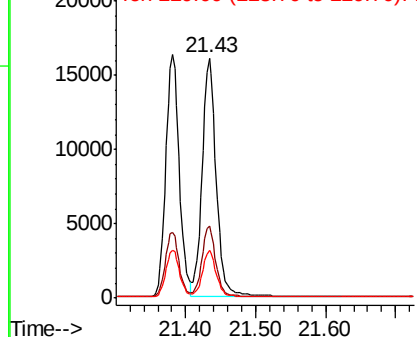
228 100

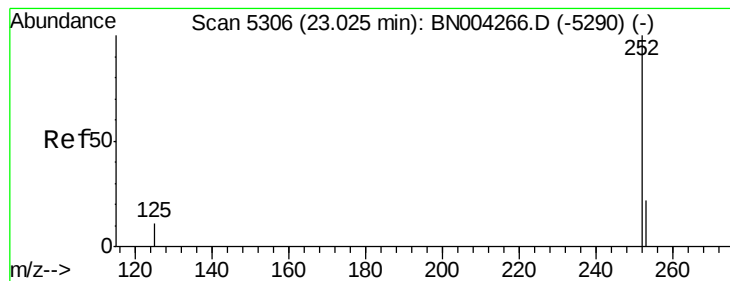
226 30.1 24.3 36.5

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: 0.410 ng/ul

RT: 23.01 min Scan# 5301

Delta R.T. -0.01 min

Lab File: BN004283.D

Acq: 29 Dec 2018 03:16

Instrument :

BNA_N

ClientSampleId :

SSTD0.436

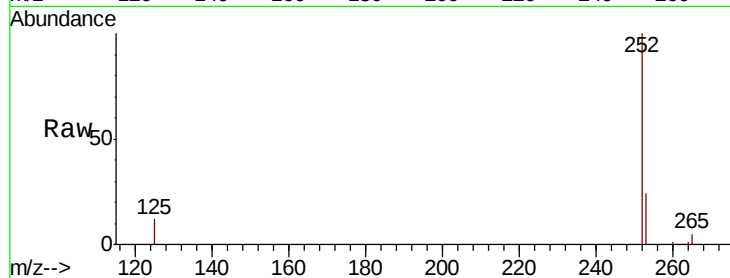
Tgt Ion:252 Resp: 23471

Ion Ratio Lower Upper

252 100

253 23.6 0.0 47.6

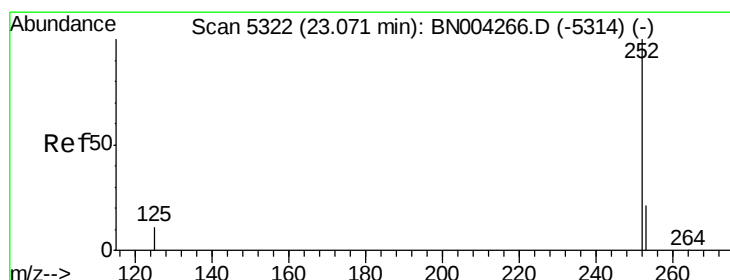
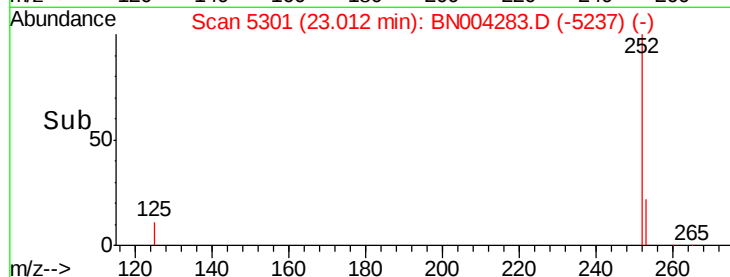
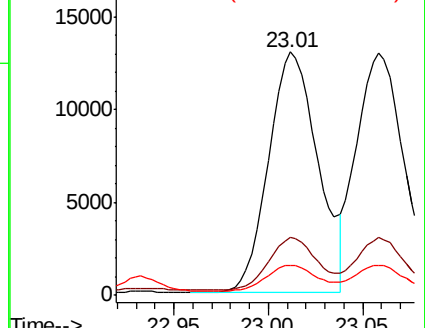
125 12.5 0.0 25.0



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: 0.390 ng/ul

RT: 23.06 min Scan# 5317

Delta R.T. -0.01 min

Lab File: BN004283.D

Acq: 29 Dec 2018 03:16

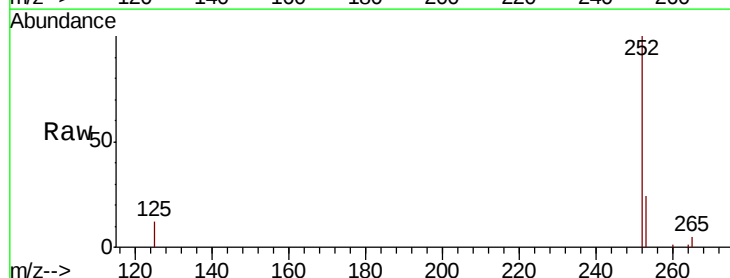
Tgt Ion:252 Resp: 23667

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.6

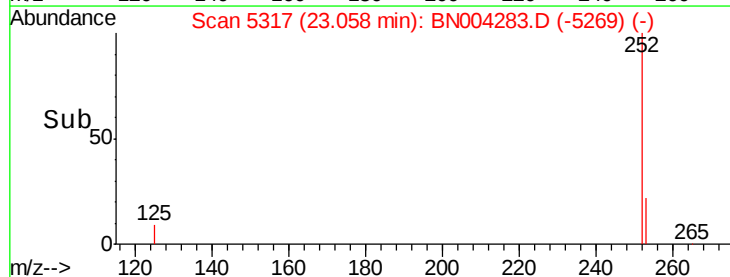
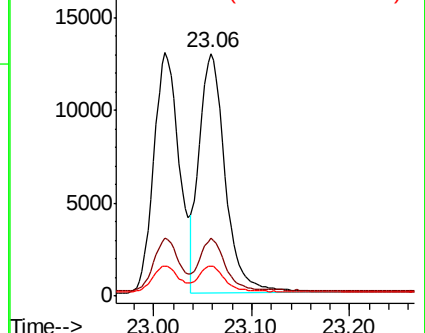
125 12.3 10.2 15.2

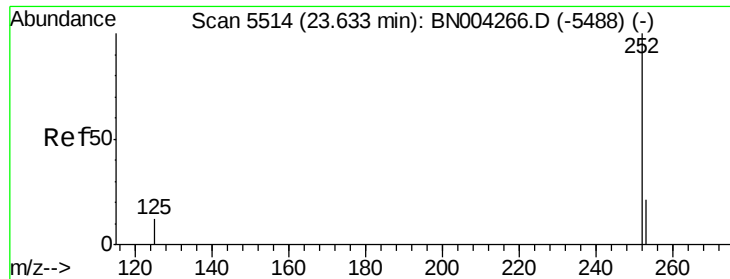


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.392 ng/ul

RT: 23.62 min Scan# 5508

Delta R.T. -0.01 min

Lab File: BN004283.D

Acq: 29 Dec 2018 03:16

Instrument :

BNA_N

ClientSampleId :

SSTD0.436

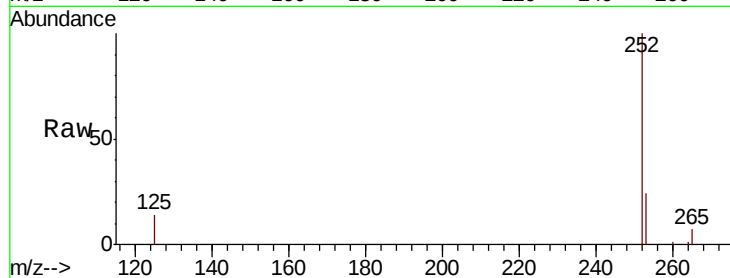
Tgt Ion:252 Resp: 21322

Ion Ratio Lower Upper

252 100

253 24.4 20.0 30.0

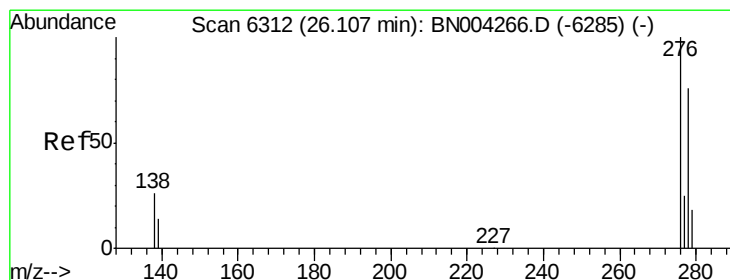
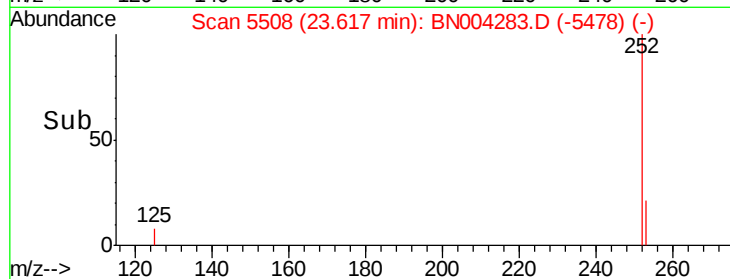
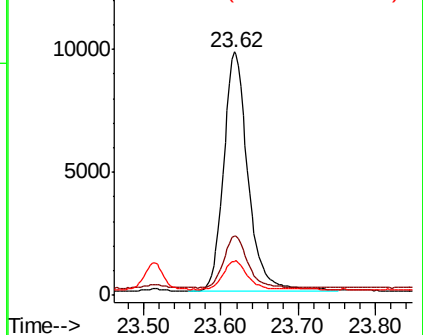
125 14.1 11.4 17.0



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: 0.387 ng/ul

RT: 26.09 min Scan# 6306

Delta R.T. -0.02 min

Lab File: BN004283.D

Acq: 29 Dec 2018 03:16

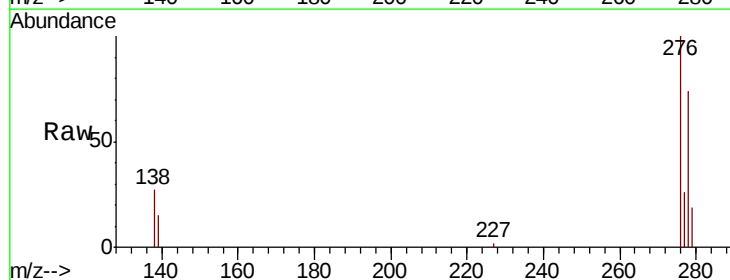
Tgt Ion:276 Resp: 21833

Ion Ratio Lower Upper

276 100

138 26.2 0.0 0.0#

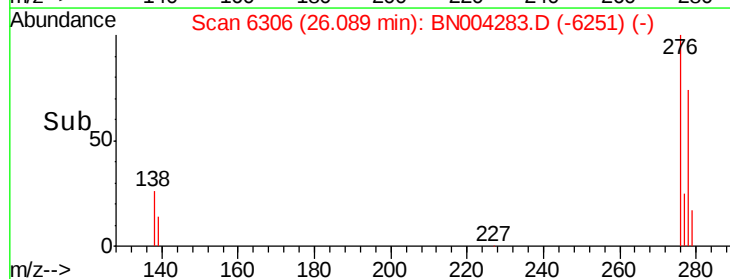
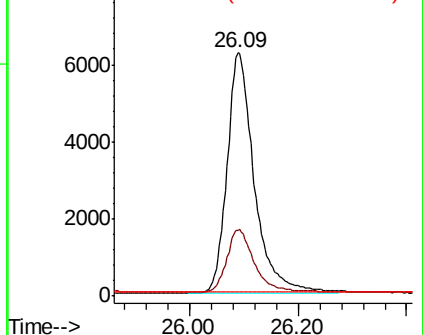
227 0.2 0.1 0.1#

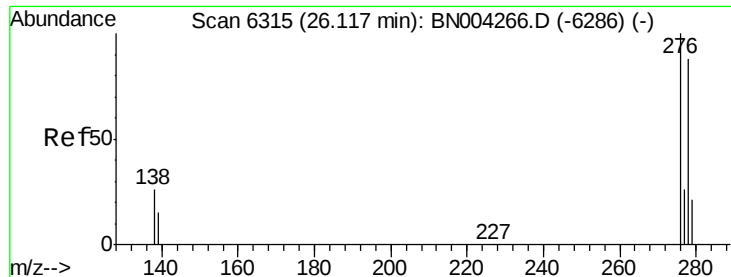


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

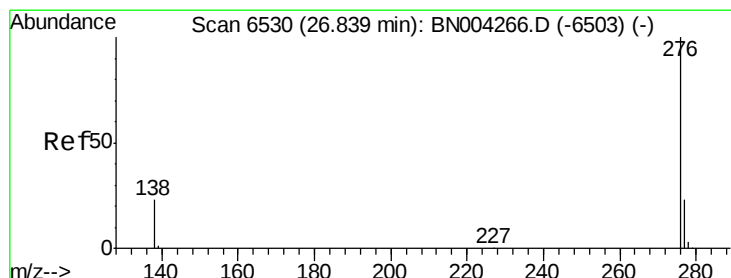
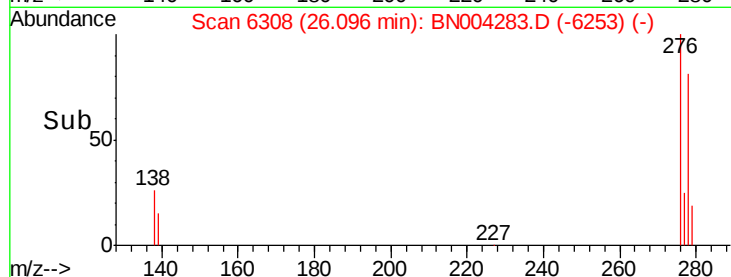
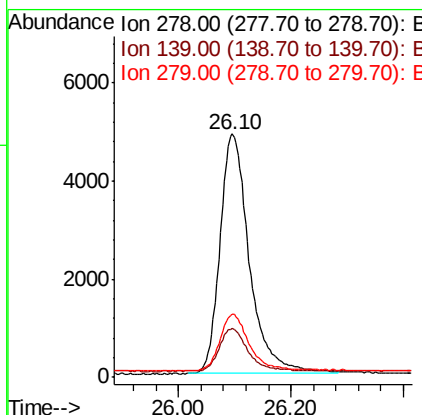
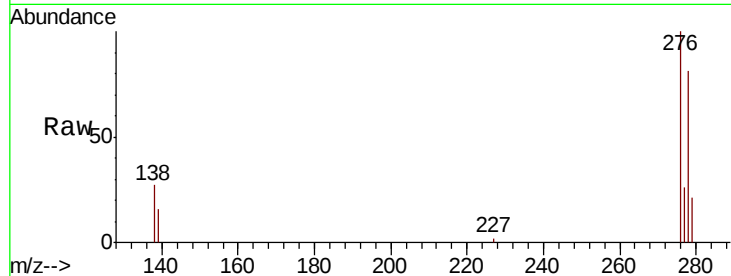




#25
Dibenzo(a,h)anthracene
Concen: 0.384 ng/ul
RT: 26.10 min Scan# 6308
Delta R.T. -0.02 min
Lab File: BN004283.D
Acq: 29 Dec 2018 03:16

Instrument :
BNA_N
ClientSampleId :
SSTD0.436

Tgt Ion: 278 Resp: 17790
Ion Ratio Lower Upper
278 100
139 20.4 15.4 23.2
279 26.1 21.0 31.6



#26
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 26.82 min Scan# 6523
Delta R.T. -0.02 min
Lab File: BN004283.D
Acq: 29 Dec 2018 03:16

Tgt Ion: 276 Resp: 17880
Ion Ratio Lower Upper
276 100
138 24.3 19.4 29.0
277 25.4 20.4 30.6

