

Data File : BN003982.D
Acq On : 16 Dec 2018 05:55
Operator : JU/SJ
Sample : J6171-11DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y15DL

Quant Time: Dec 17 00:16:29 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 : Mon Dec 17 00:13:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2798	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	12876	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	7222	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	17633	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	18771	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	18022	0.40	ng/ul	0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	799	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	2142	0.04	ng/ul	0.00

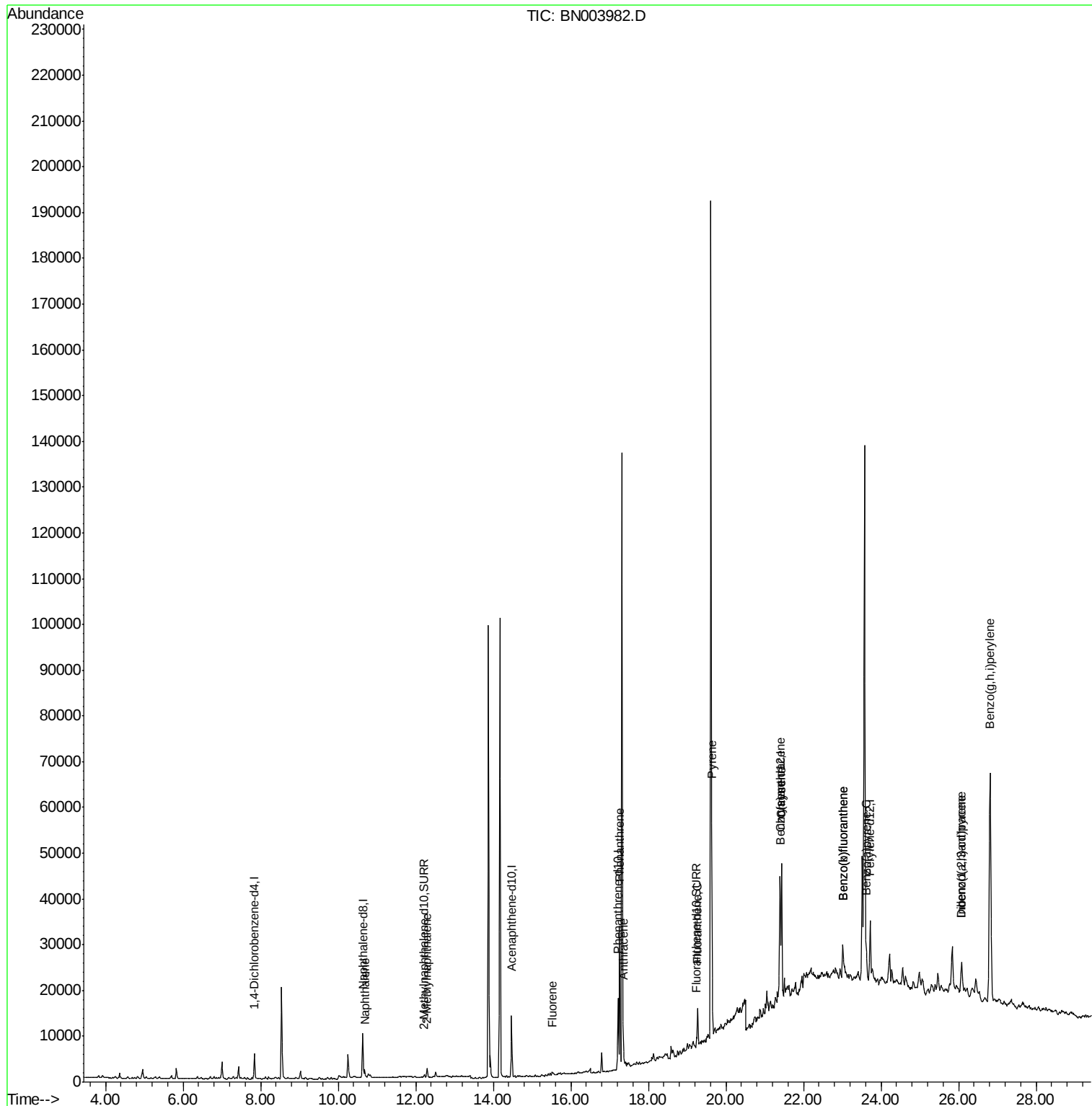
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	2304	0.064	ng/ul#	88
5) 2-Methylnaphthalene	12.29	142	1444	0.057	ng/ul	96
9) Fluorene	15.52	166	679	0.020	ng/ul#	78
12) Phenanthrene	17.26	178	31633	0.547	ng/ul	97
13) Anthracene	17.35	178	8033	0.169	ng/ul#	89
15) Fluoranthene	19.27	202	7640	0.112	ng/ul	86
17) Pyrene	19.64	202	37212	0.553	ng/ul	97
18) Benzo(a)anthracene	21.38	228	14375	0.242	ng/ul#	48
19) Chrysene	21.44	228	30150	0.444	ng/ul#	73
21) Benzo(b)fluoranthene	23.02	252	13773	0.185	ng/ul#	4
22) Benzo(k)fluoranthene	23.02	252	13773	0.190	ng/ul#	4
23) Benzo(a)pyrene	23.62	252	10818	0.168	ng/ul#	13
24) Indeno(1,2,3-cd)pyrene	26.08	276	10663	0.144	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.08	278	5576	0.094	ng/ul#	1
26) Benzo(g,h,i)perylene	26.81	276	104047	1.617	ng/ul#	90

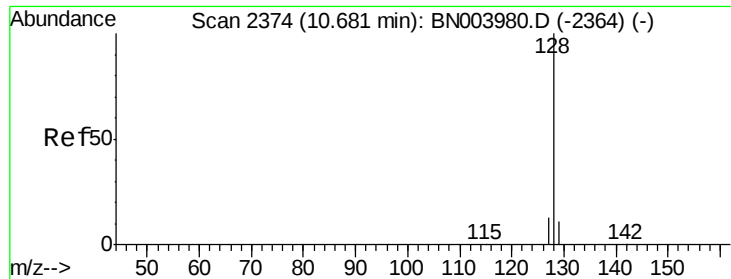
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN003982.D
Acq On : 16 Dec 2018 05:55
Operator : JU/SJ
Sample : J6171-11DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y15DL

Quant Time: Dec 17 00:16:29 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 : Mon Dec 17 00:13:33 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.064 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BN003982.D

Acq: 16 Dec 2018 05:55

Instrument :

BNA_N

ClientSampleId :

F9Y15DL

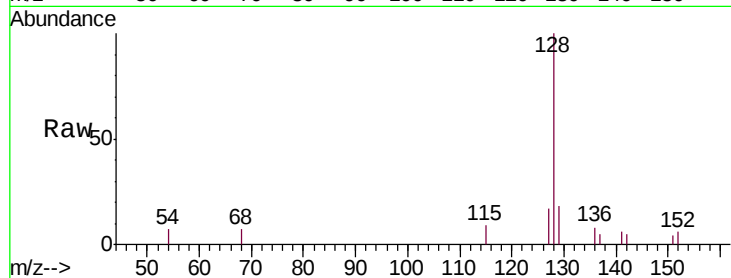
Tgt Ion:128 Resp: 2304

Ion Ratio Lower Upper

128 100

129 17.7 9.0 13.6#

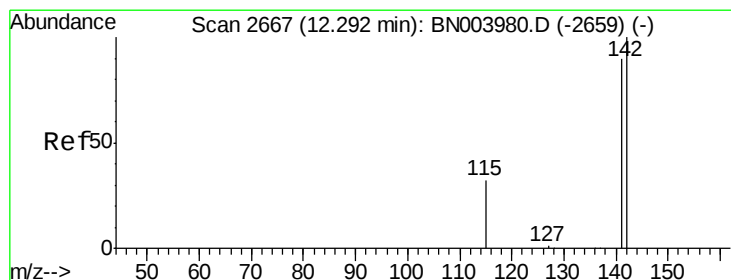
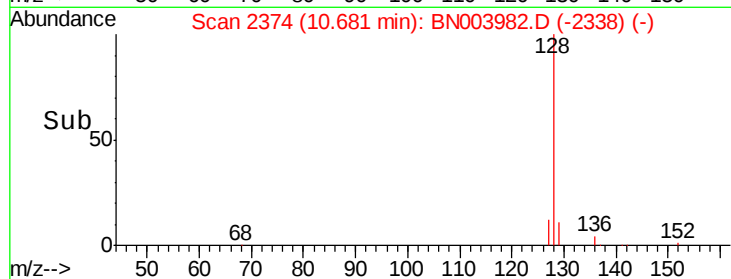
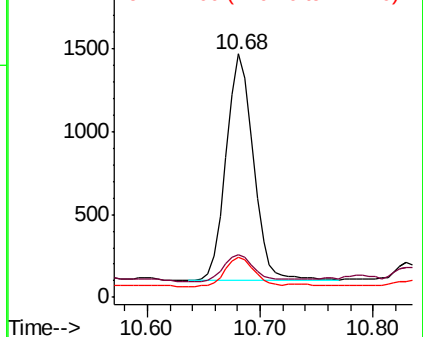
127 16.6 10.5 15.7#



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: 0.057 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003982.D

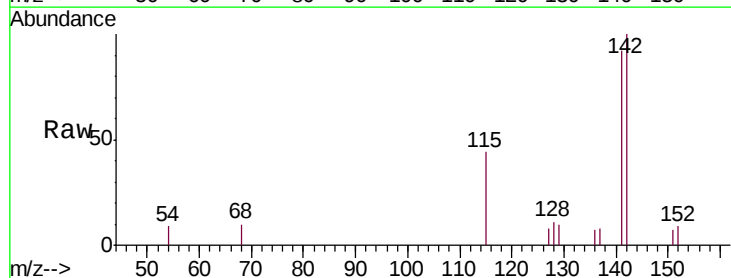
Acq: 16 Dec 2018 05:55

Tgt Ion:142 Resp: 1444

Ion Ratio Lower Upper

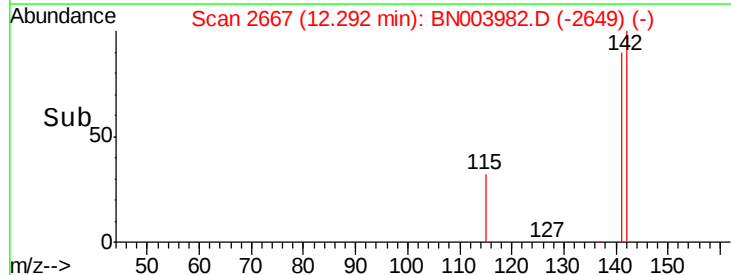
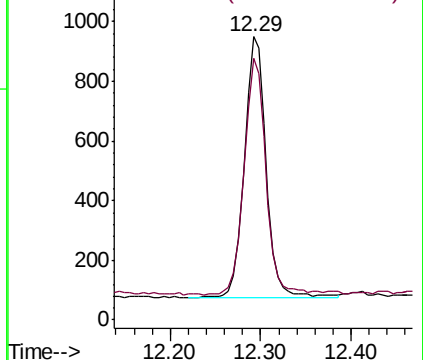
142 100

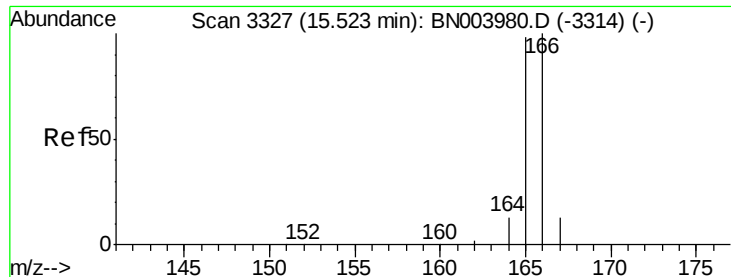
141 92.8 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.020 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. -0.00 min

Lab File: BN003982.D

Acq: 16 Dec 2018 05:55

Instrument :

BNA_N

ClientSampleId :

F9Y15DL

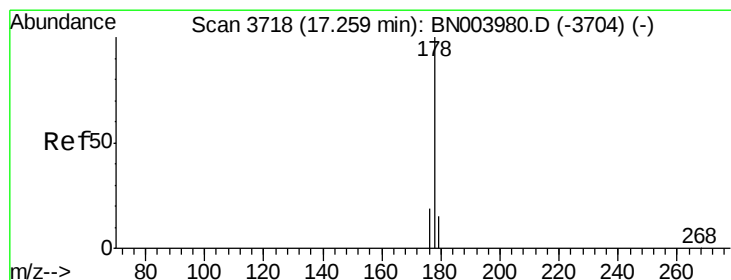
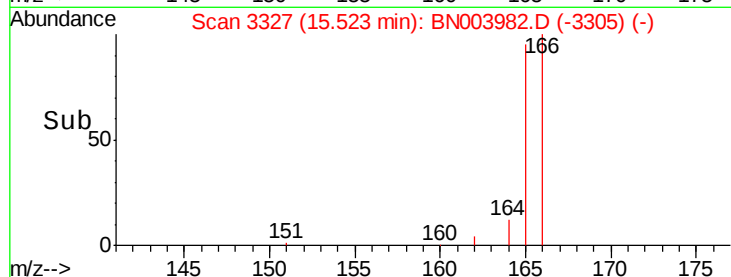
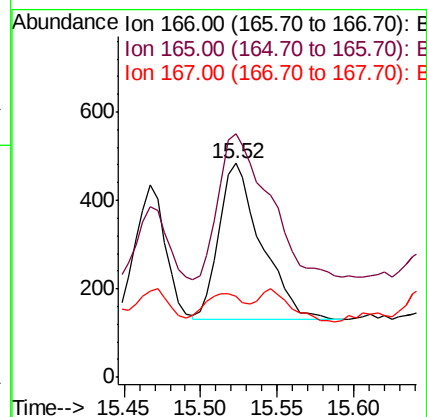
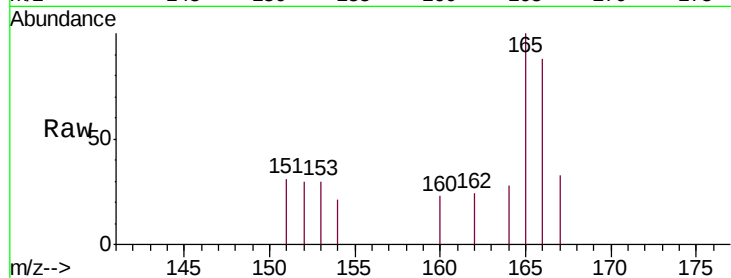
Tgt Ion:166 Resp: 679

Ion Ratio Lower Upper

166 100

165 114.1 78.3 117.5

167 37.7 11.3 16.9#



#12

Phenanthrene

Concen: 0.547 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN003982.D

Acq: 16 Dec 2018 05:55

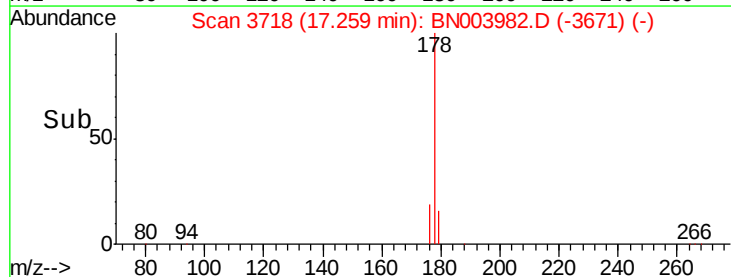
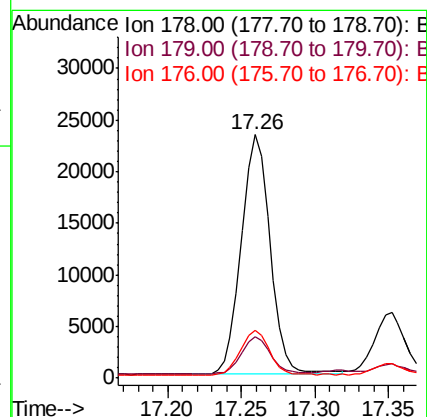
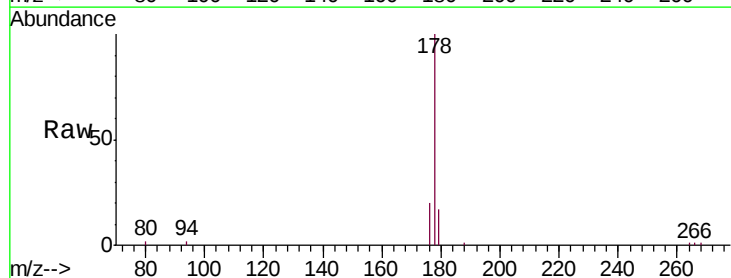
Tgt Ion:178 Resp: 31633

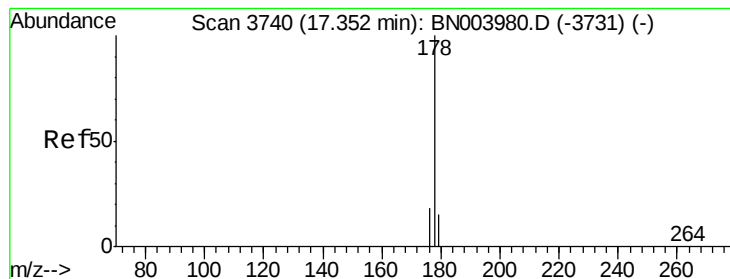
Ion Ratio Lower Upper

178 100

179 16.9 12.5 18.7

176 19.8 15.0 22.4





#13

Anthracene

Concen: 0.169 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BN003982.D

Acq: 16 Dec 2018 05:55

Instrument :

BNA_N

ClientSampleId :

F9Y15DL

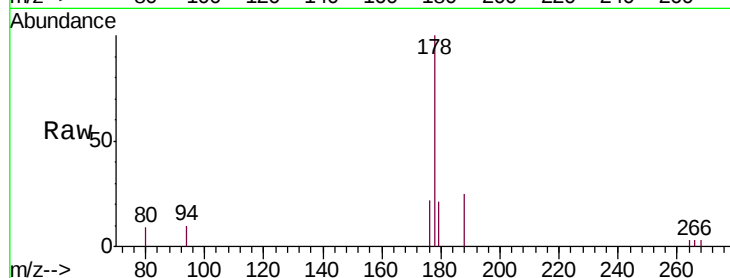
Tgt Ion:178 Resp: 8033

Ion Ratio Lower Upper

178 100

179 21.2 12.3 18.5#

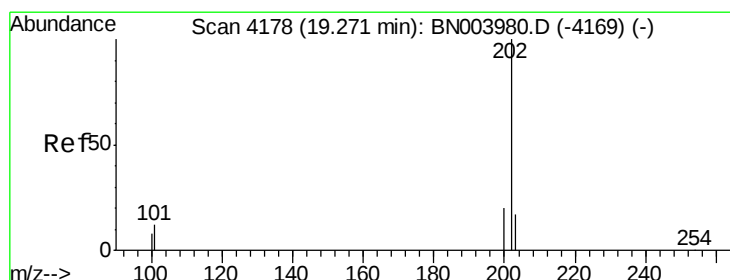
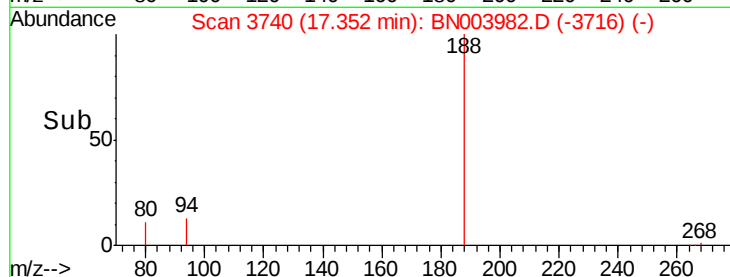
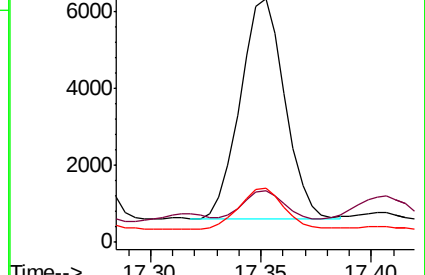
176 22.0 14.8 22.2



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: 0.112 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

Lab File: BN003982.D

Acq: 16 Dec 2018 05:55

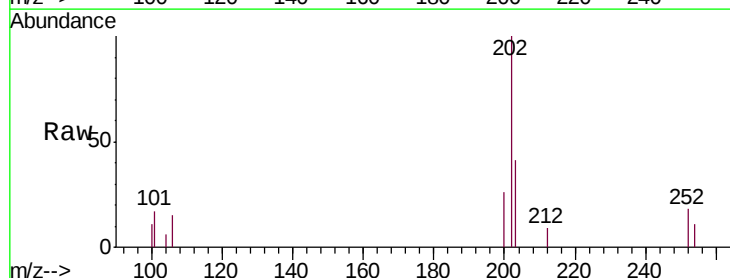
Tgt Ion:202 Resp: 7640

Ion Ratio Lower Upper

202 100

101 17.4 0.0 30.7

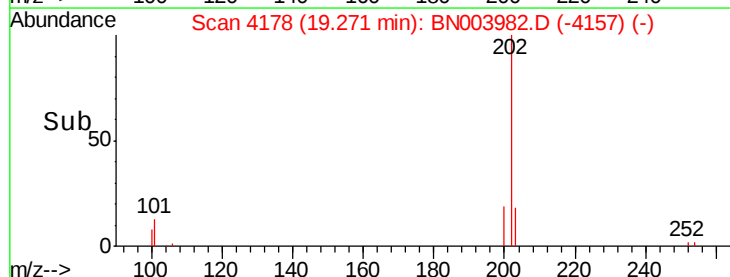
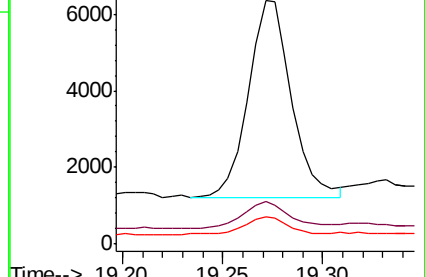
100 11.0 0.0 28.1

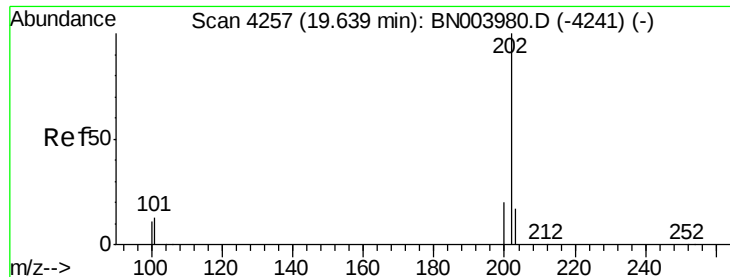


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pyrene

Concen: 0.553 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. -0.00 min

Lab File: BN003982.D

Acq: 16 Dec 2018 05:55

Instrument :

BNA_N

ClientSampleId :

F9Y15DL

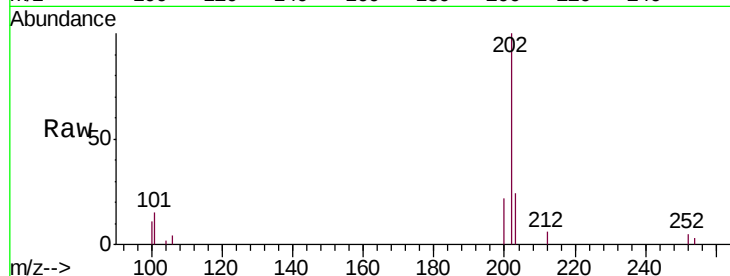
Tgt Ion:202 Resp: 37212

Ion Ratio Lower Upper

202 100

101 14.8 10.3 15.5

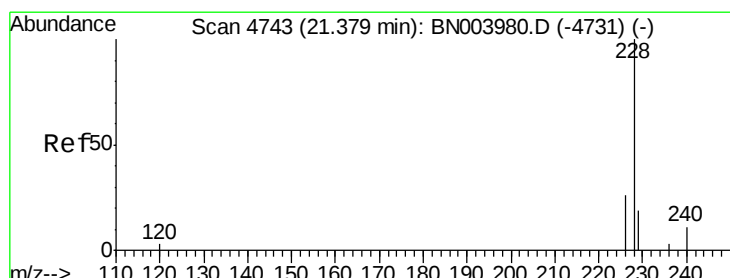
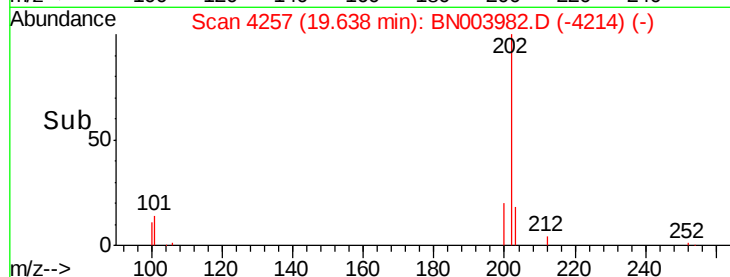
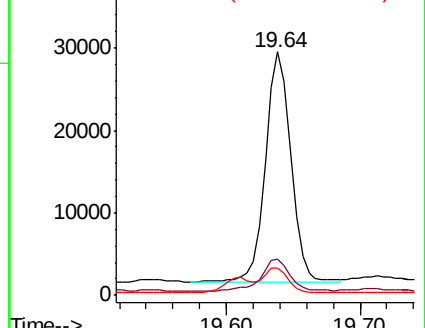
100 11.3 8.5 12.7



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: 0.242 ng/ul

RT: 21.38 min Scan# 4744

Delta R.T. 0.00 min

Lab File: BN003982.D

Acq: 16 Dec 2018 05:55

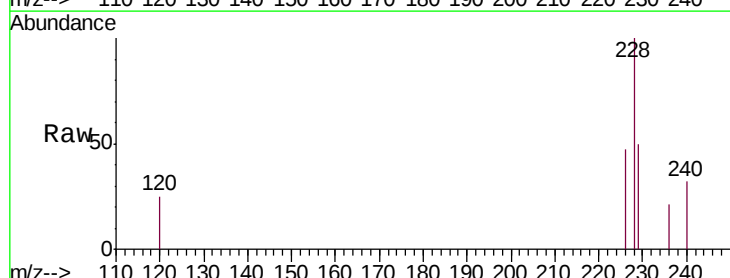
Tgt Ion:228 Resp: 14375

Ion Ratio Lower Upper

228 100

229 50.5 15.6 23.4#

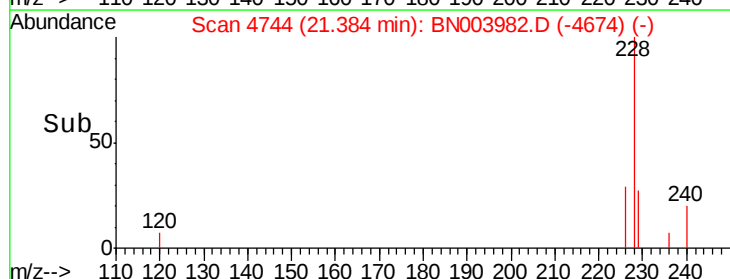
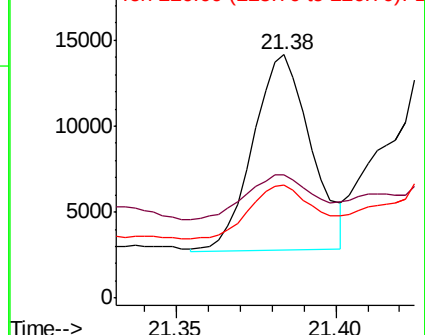
226 46.6 21.1 31.7#

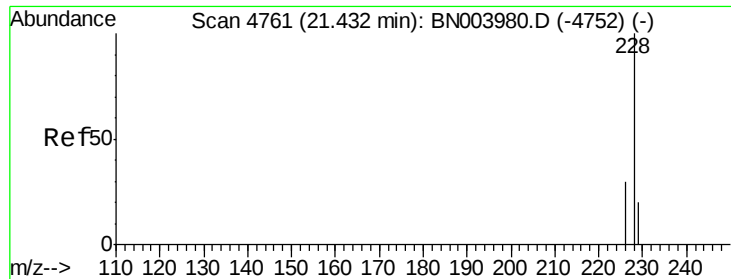


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.444 ng/ul

RT: 21.44 min Scan# 4762

Delta R.T. 0.00 min

Lab File: BN003982.D

Acq: 16 Dec 2018 05:55

Instrument :

BNA_N

ClientSampleId :

F9Y15DL

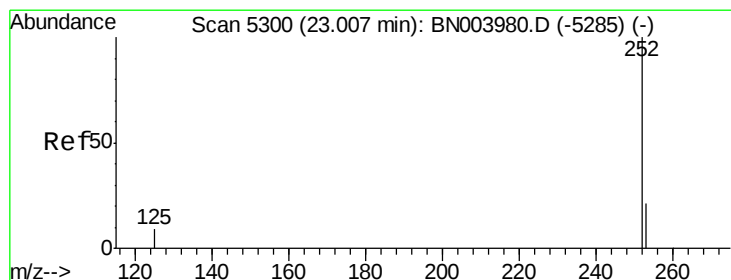
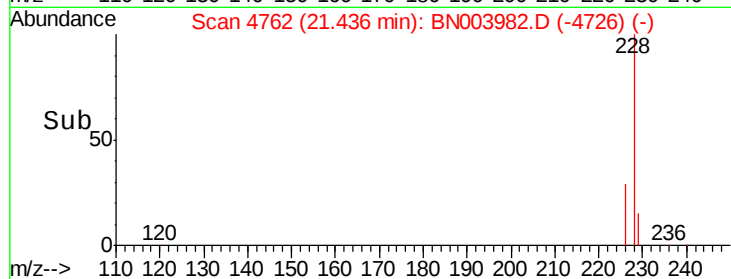
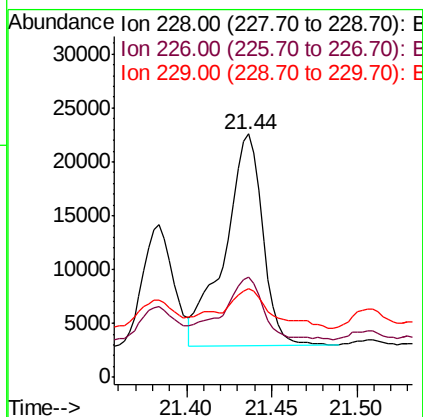
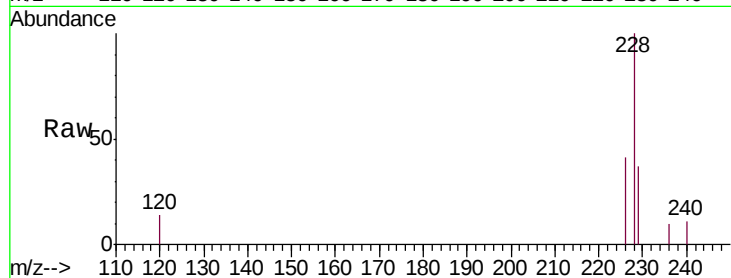
Tgt Ion:228 Resp: 30150

Ion Ratio Lower Upper

228 100

226 41.1 24.0 36.0#

229 36.6 15.7 23.5#



#21

Benzo(b)fluoranthene

Concen: 0.185 ng/ul

RT: 23.02 min Scan# 5303

Delta R.T. 0.01 min

Lab File: BN003982.D

Acq: 16 Dec 2018 05:55

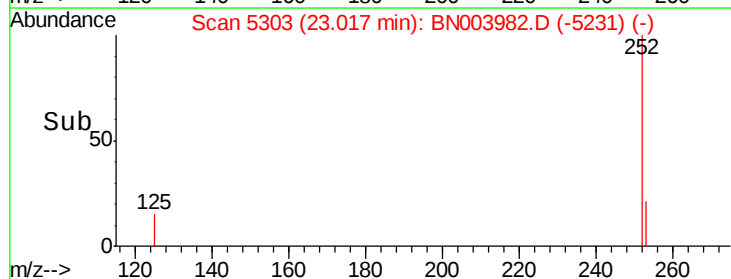
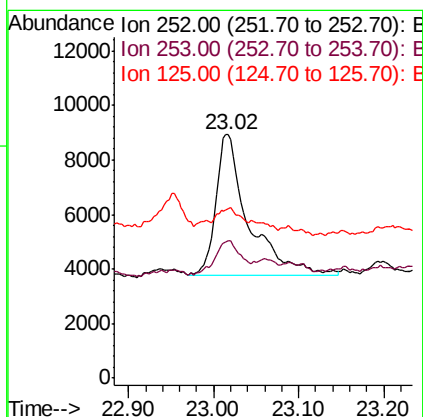
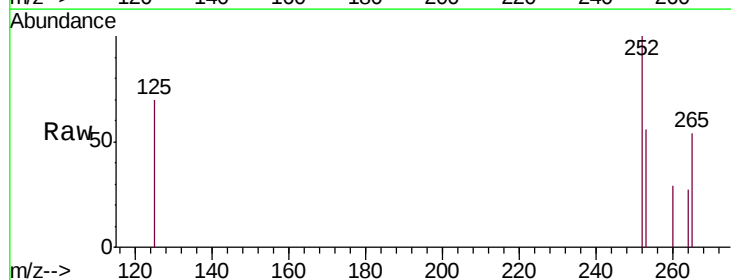
Tgt Ion:252 Resp: 13773

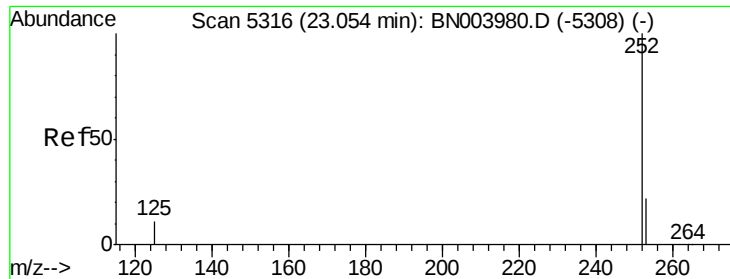
Ion Ratio Lower Upper

252 100

253 56.3 0.0 46.0#

125 69.7 0.0 22.4#





#22

Benzo(k)fluoranthene

Concen: 0.190 ng/ul

RT: 23.02 min Scan# 5303

Delta R.T. -0.04 min

Lab File: BN003982.D

Acq: 16 Dec 2018 05:55

Instrument :

BNA_N

ClientSampleId :

F9Y15DL

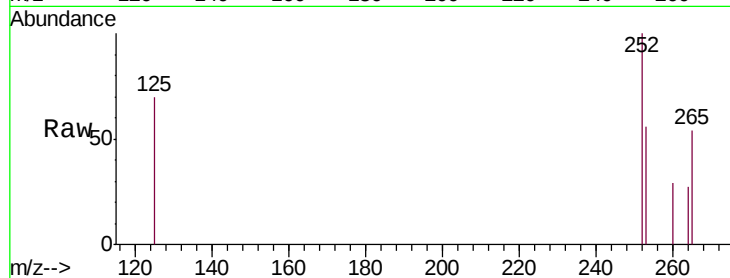
Tgt Ion:252 Resp: 13773

Ion Ratio Lower Upper

252 100

253 56.3 18.5 27.7#

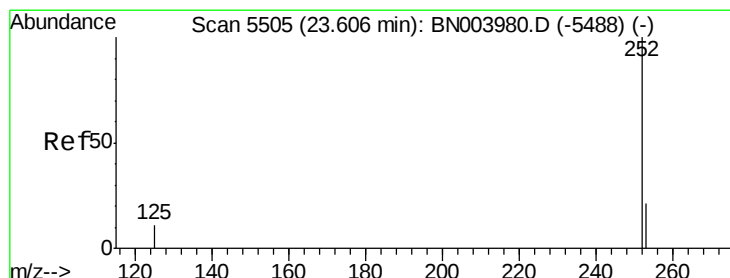
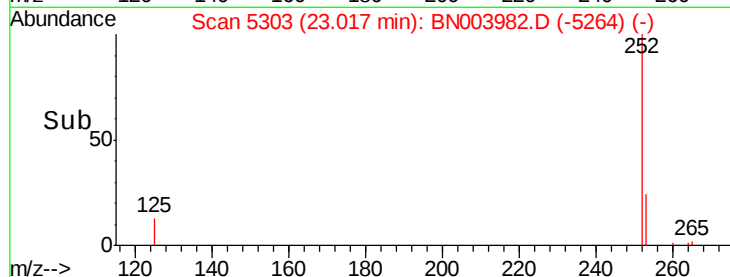
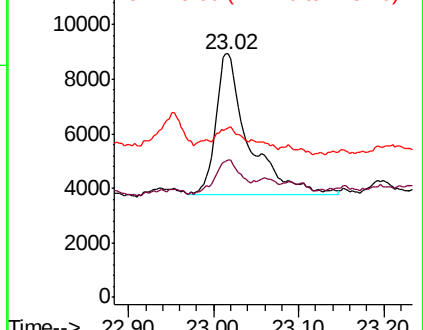
125 69.7 9.0 13.6#



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: 0.168 ng/ul

RT: 23.62 min Scan# 5509

Delta R.T. 0.01 min

Lab File: BN003982.D

Acq: 16 Dec 2018 05:55

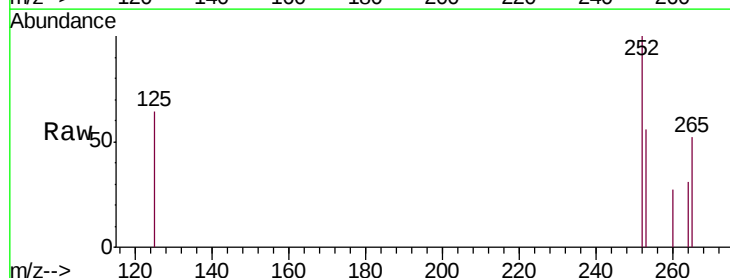
Tgt Ion:252 Resp: 10818

Ion Ratio Lower Upper

252 100

253 55.5 19.0 28.4#

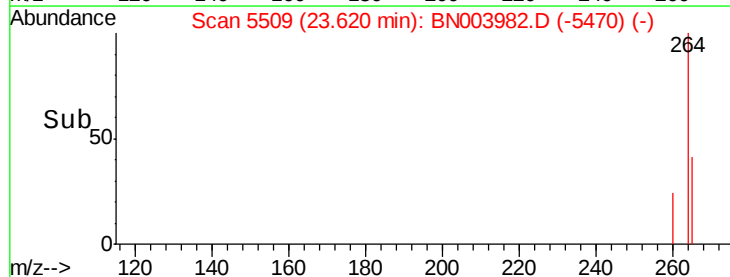
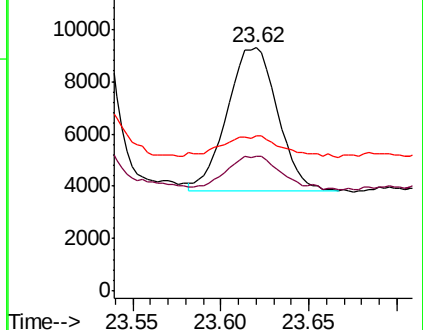
125 63.6 10.2 15.4#

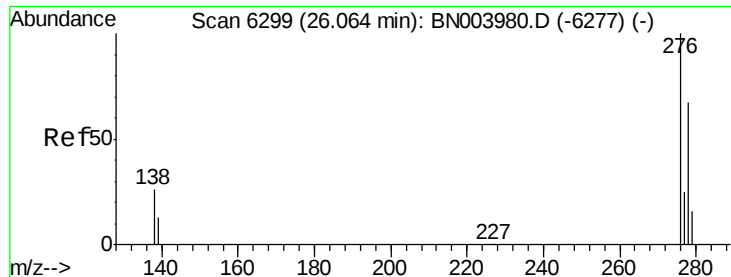


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



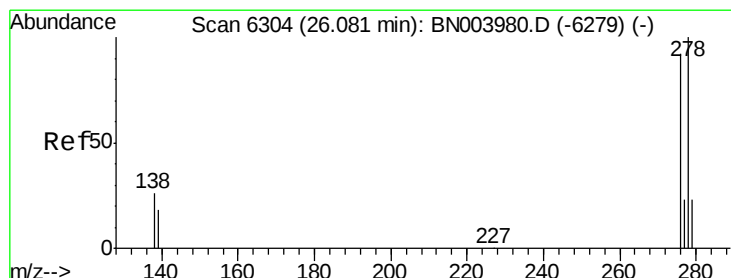
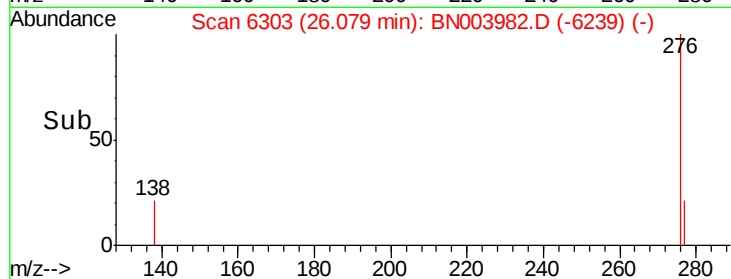
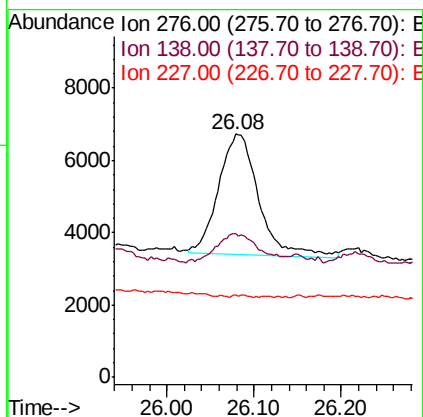
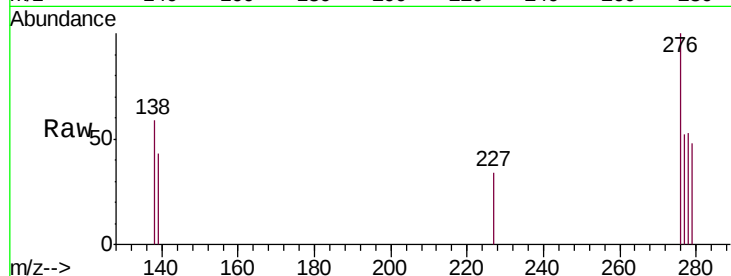


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.144 ng/u1
RT: 26.08 min Scan# 6303
Delta R.T. 0.02 min
Lab File: BN003982.D
Acq: 16 Dec 2018 05:55

Instrument :
BNA_N
ClientSampleId :
F9Y15DL

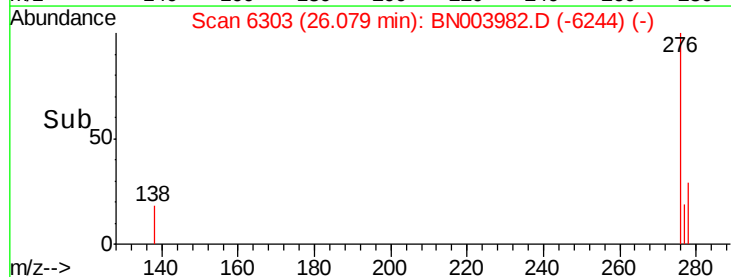
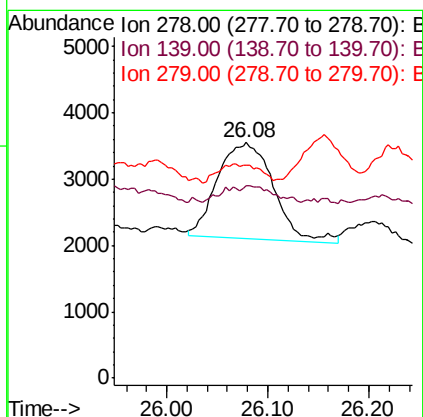
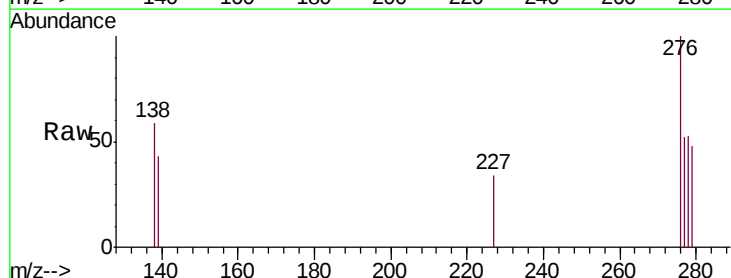
Tgt Ion:276 Resp: 10663
Ion Ratio Lower Upper
276 100
138 23.9 20.3 30.5
227 0.7 0.2 0.2#

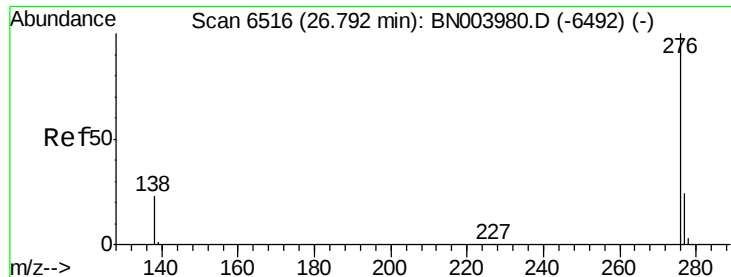


#25

Dibenzo(a,h)anthracene
Concen: 0.094 ng/u1
RT: 26.08 min Scan# 6303
Delta R.T. -0.00 min
Lab File: BN003982.D
Acq: 16 Dec 2018 05:55

Tgt Ion:278 Resp: 5576
Ion Ratio Lower Upper
278 100
139 81.8 14.2 21.4#
279 90.2 19.8 29.6#





#26

Benzo(g,h,i)perylene

Concen: 1.617 ng/ul

RT: 26.81 min Scan# 6521

Delta R.T. 0.02 min

Lab File: BN003982.D

Acq: 16 Dec 2018 05:55

Instrument :

BNA_N

ClientSampleId :

F9Y15DL

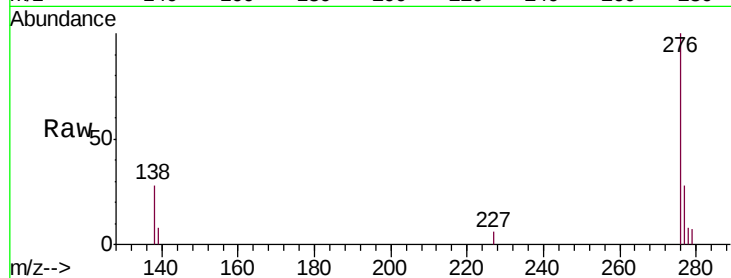
Tgt Ion: 276 Resp: 104047

Ion Ratio Lower Upper

276 100

138 27.9 17.7 26.5#

277 28.4 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E

50000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

