

Data File : BN003984.D
Acq On : 16 Dec 2018 07:05
Operator : JU/SJ
Sample : J6171-16DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y26DL

Quant Time: Dec 17 00:16:55 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	3323	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	14823	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	8396	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	19794	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19355	0.40	ng/ul	0.01
20) Perylene-d12	23.73	264	17955	0.40	ng/ul	0.02

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	1163	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.25	212	3145	0.05	ng/ul	0.00

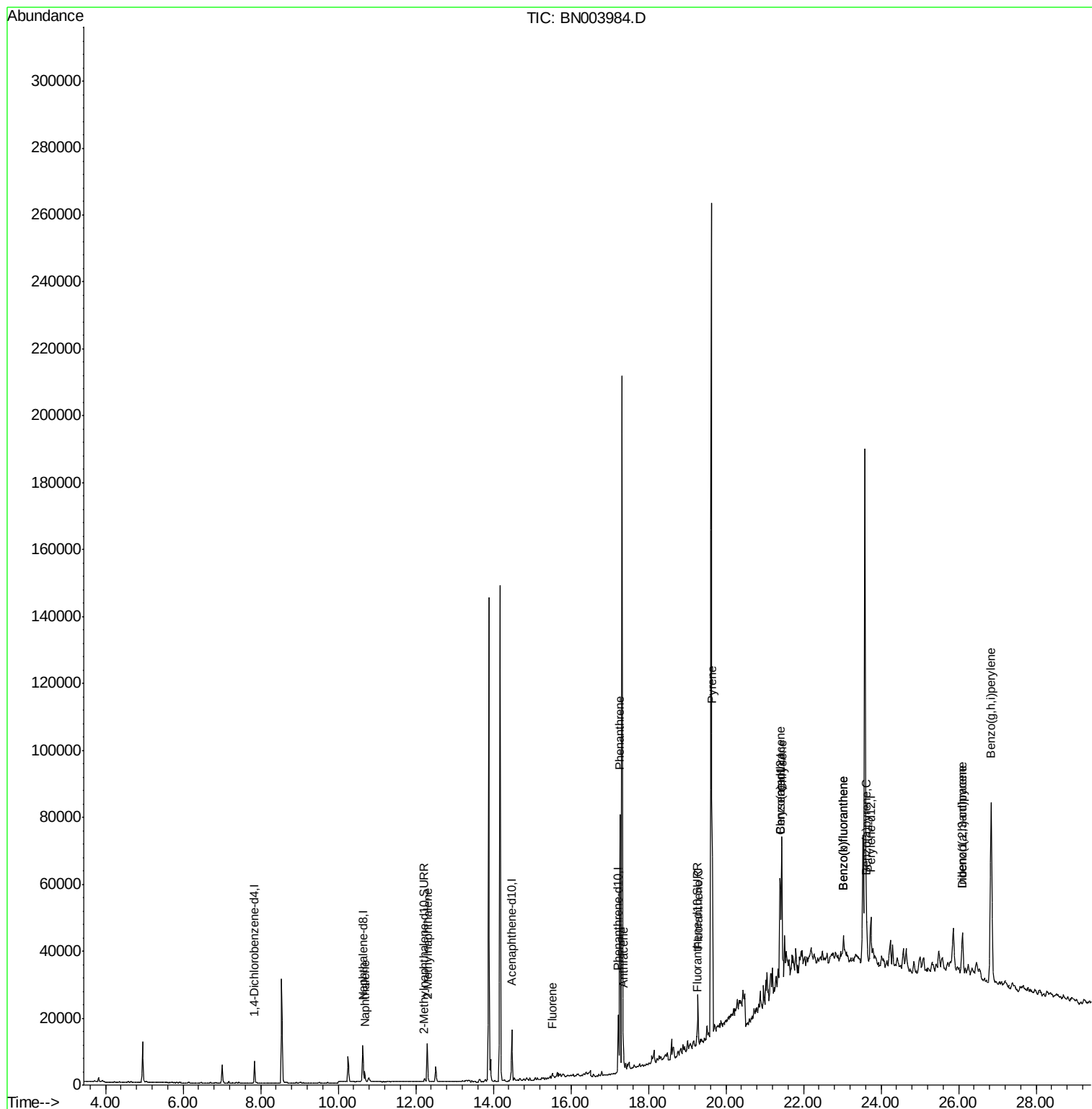
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.69	128	4421	0.106	ng/ul#	94
5) 2-Methylnaphthalene	12.30	142	8454	0.291	ng/ul	99
9) Fluorene	15.53	166	1264	0.033	ng/ul#	83
12) Phenanthrene	17.26	178	79985	1.231	ng/ul	99
13) Anthracene	17.35	178	6844	0.128	ng/ul#	84
15) Fluoranthene	19.28	202	13892	0.181	ng/ul	89
17) Pyrene	19.64	202	68745	0.990	ng/ul	96
18) Benzo(a)anthracene	21.39	228	21491	0.352	ng/ul#	35
19) Chrysene	21.44	228	42858	0.613	ng/ul#	63
21) Benzo(b)fluoranthene	23.02	252	16567	0.223	ng/ul#	1
22) Benzo(k)fluoranthene	23.02	252	16567	0.229	ng/ul#	1
23) Benzo(a)pyrene	23.63	252	16243	0.253	ng/ul#	15
24) Indeno(1,2,3-cd)pyrene	26.10	276	20811	0.282	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.09	278	6416	0.108	ng/ul#	1
26) Benzo(g,h,i)perylene	26.84	276	110181	1.719	ng/ul#	84

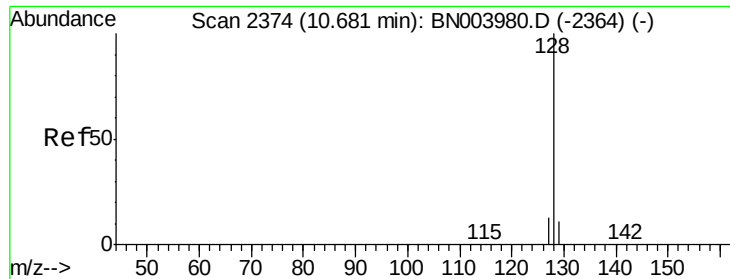
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.106 ng/ul

RT: 10.69 min Scan# 2375

Delta R.T. 0.01 min

Lab File: BN003984.D

Acq: 16 Dec 2018 07:05

Instrument :

BNA_N

ClientSampleId :

F9Y26DL

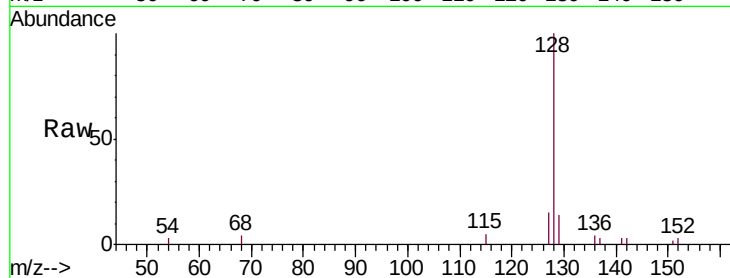
Tgt Ion:128 Resp: 4421

Ion Ratio Lower Upper

128 100

129 14.3 9.0 13.6#

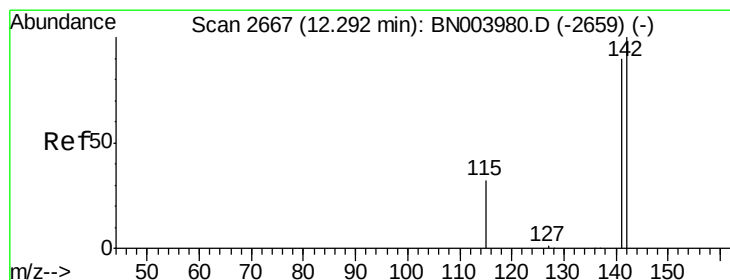
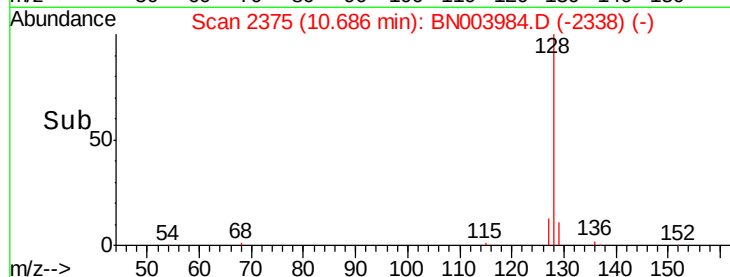
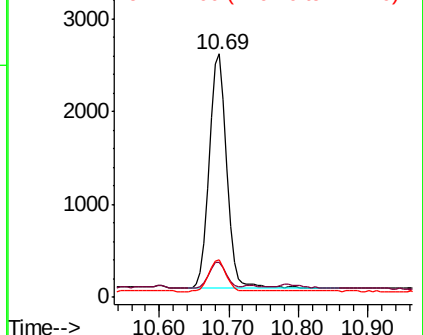
127 15.2 10.5 15.7



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: 0.291 ng/ul

RT: 12.30 min Scan# 2668

Delta R.T. 0.01 min

Lab File: BN003984.D

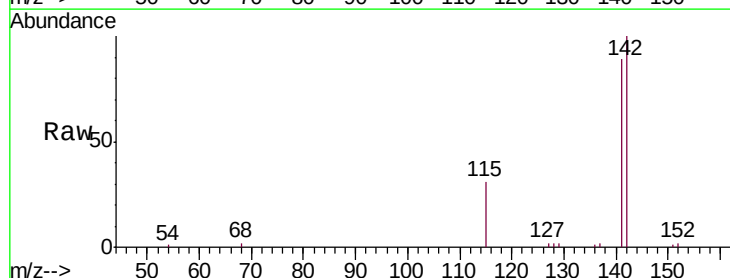
Acq: 16 Dec 2018 07:05

Tgt Ion:142 Resp: 8454

Ion Ratio Lower Upper

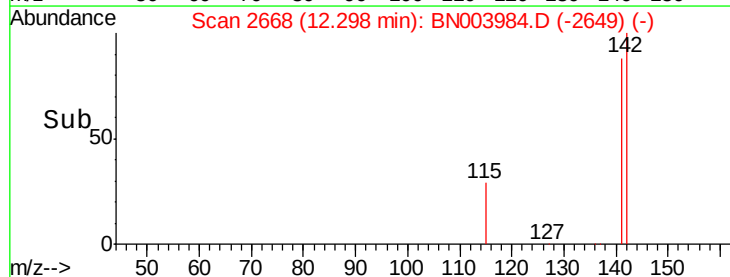
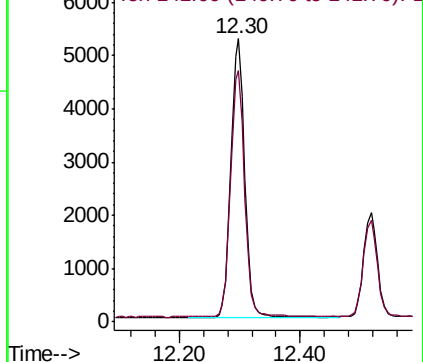
142 100

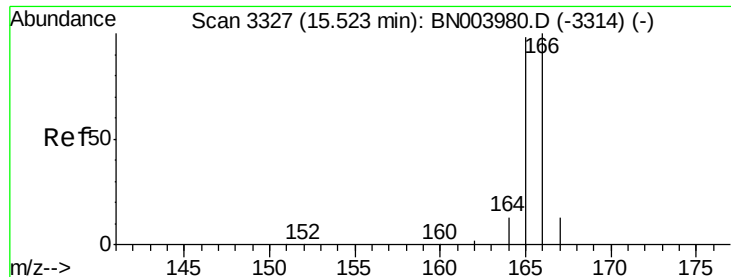
141 88.6 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.033 ng/ul

RT: 15.53 min Scan# 3328

Delta R.T. 0.00 min

Lab File: BN003984.D

Acq: 16 Dec 2018 07:05

Instrument :

BNA_N

ClientSampleId :

F9Y26DL

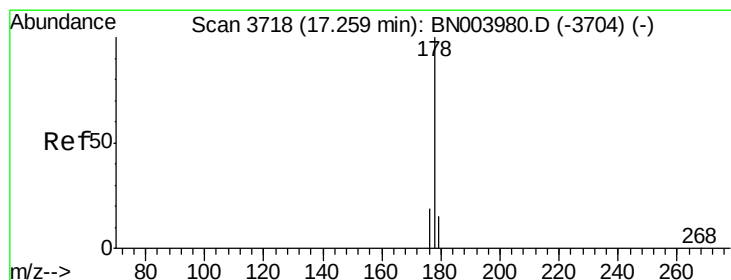
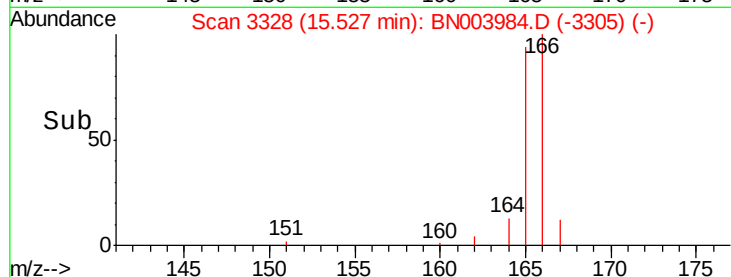
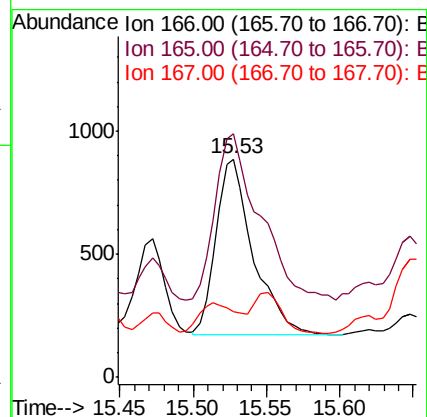
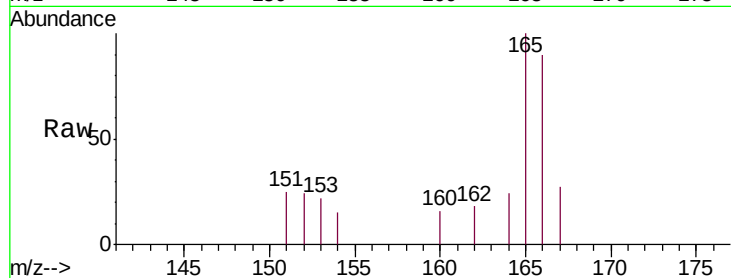
Tgt Ion:166 Resp: 1264

Ion Ratio Lower Upper

166 100

165 111.5 78.3 117.5

167 30.2 11.3 16.9#



#12

Phenanthrene

Concen: 1.231 ng/ul

RT: 17.26 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BN003984.D

Acq: 16 Dec 2018 07:05

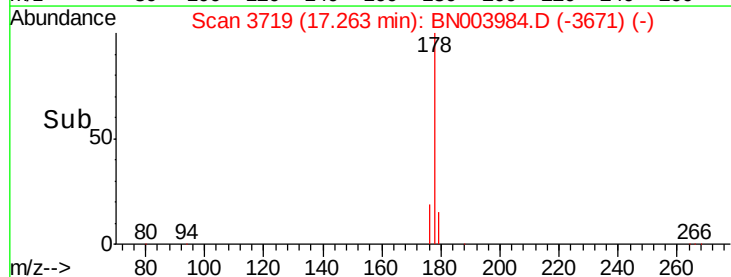
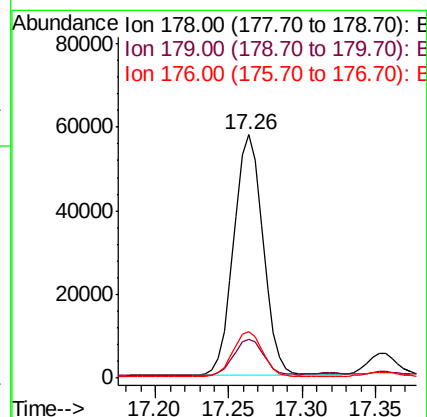
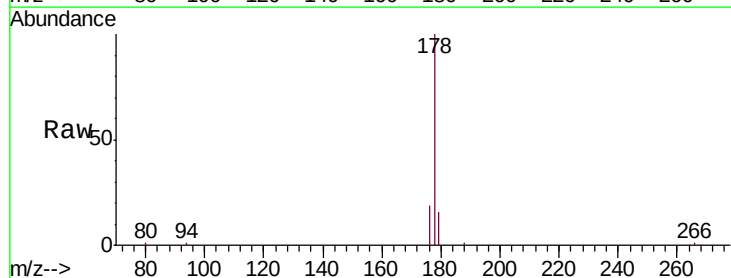
Tgt Ion:178 Resp: 79985

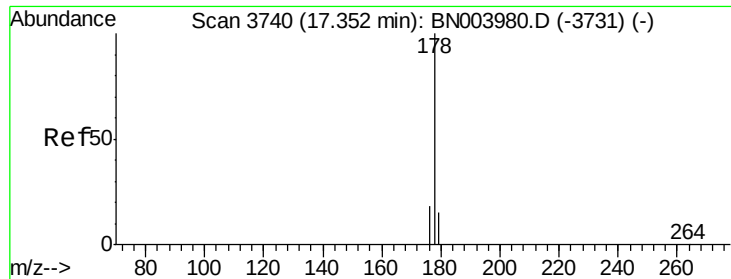
Ion Ratio Lower Upper

178 100

179 16.2 12.5 18.7

176 19.2 15.0 22.4





#13

Anthracene

Concen: 0.128 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. 0.00 min

Lab File: BN003984.D

Acq: 16 Dec 2018 07:05

Instrument :

BNA_N

ClientSampleId :

F9Y26DL

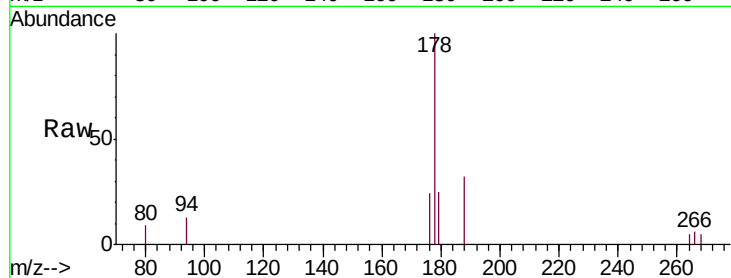
Tgt Ion:178 Resp: 6844

Ion Ratio Lower Upper

178 100

179 24.7 12.3 18.5#

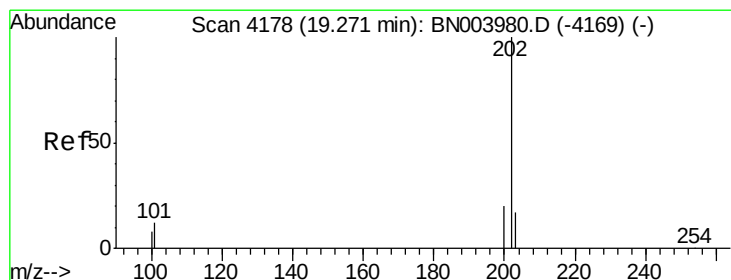
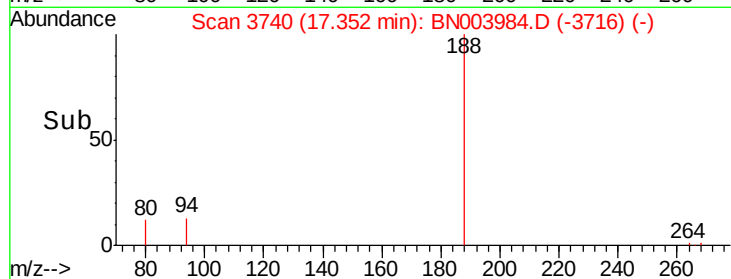
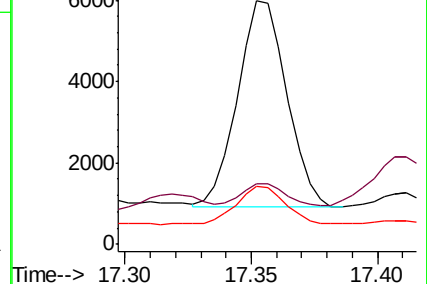
176 23.7 14.8 22.2#



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: 0.181 ng/ul

RT: 19.28 min Scan# 4179

Delta R.T. 0.00 min

Lab File: BN003984.D

Acq: 16 Dec 2018 07:05

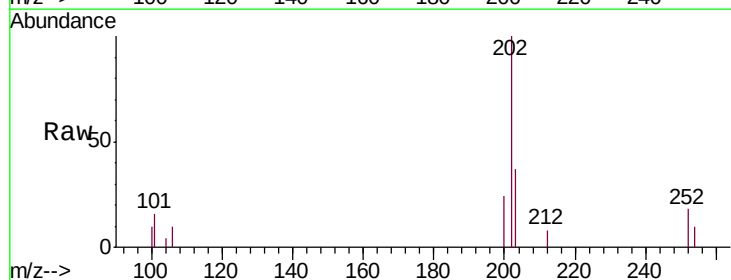
Tgt Ion:202 Resp: 13892

Ion Ratio Lower Upper

202 100

101 16.0 0.0 30.7

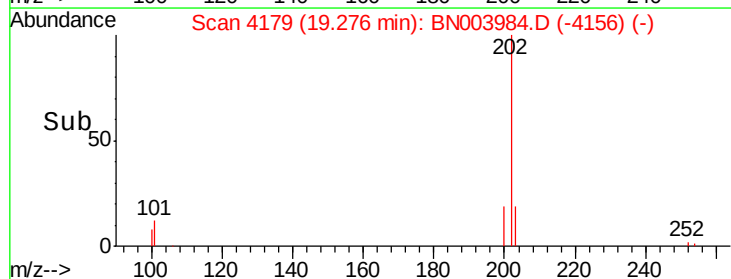
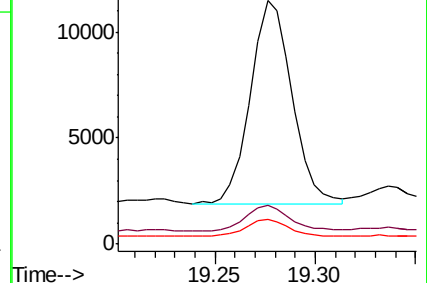
100 10.2 0.0 28.1

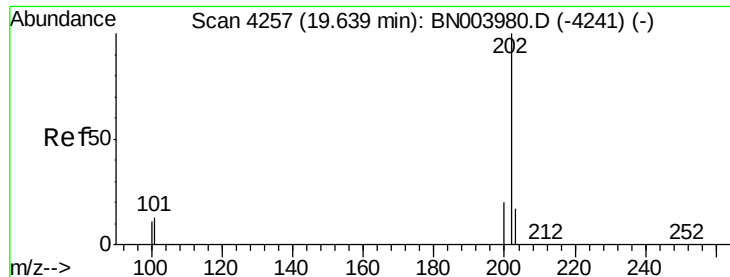


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

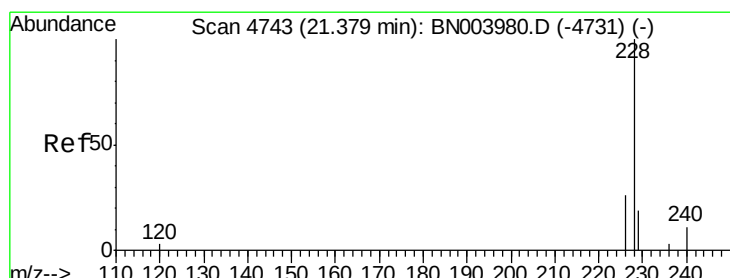
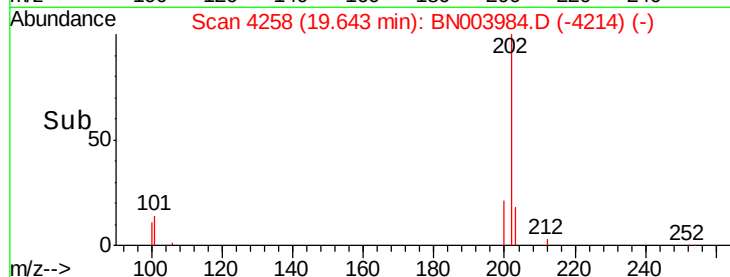
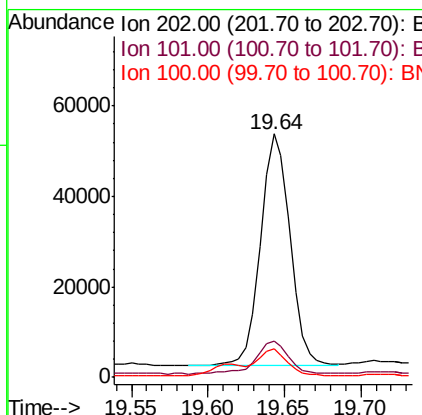
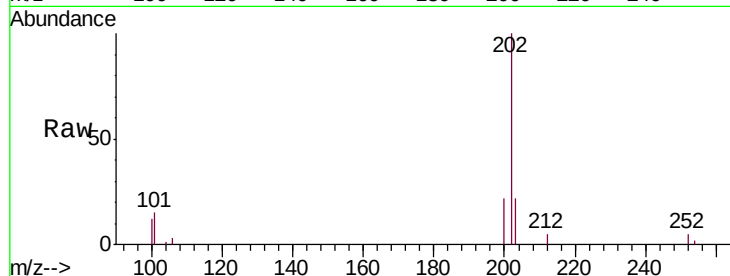




#17
Pyrene
Concen: 0.990 ng/ul
RT: 19.64 min Scan# 4258
Delta R.T. 0.00 min
Lab File: BN003984.D
Acq: 16 Dec 2018 07:05

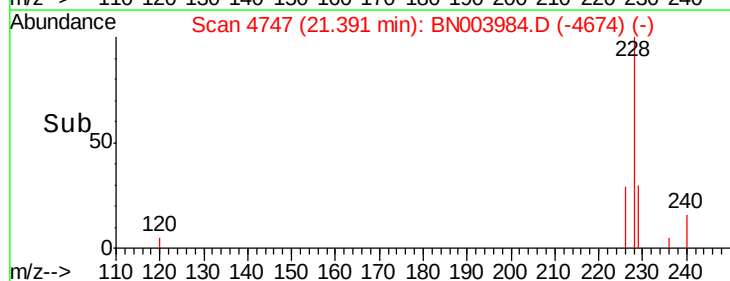
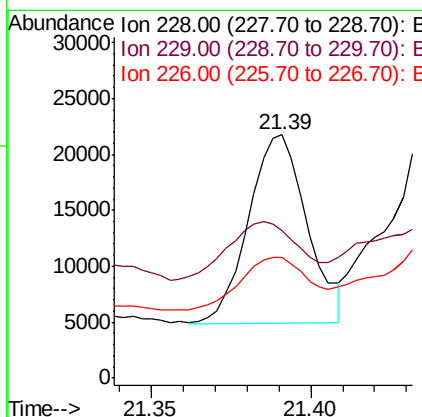
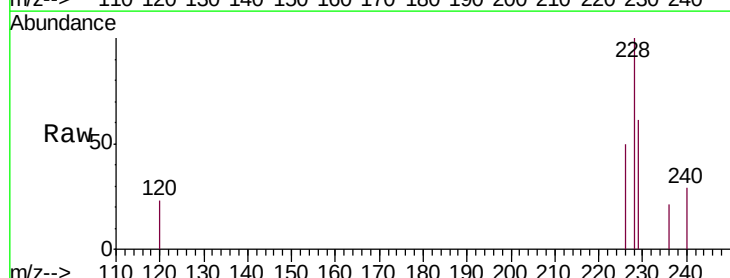
Instrument :
BNA_N
ClientSampleId :
F9Y26DL

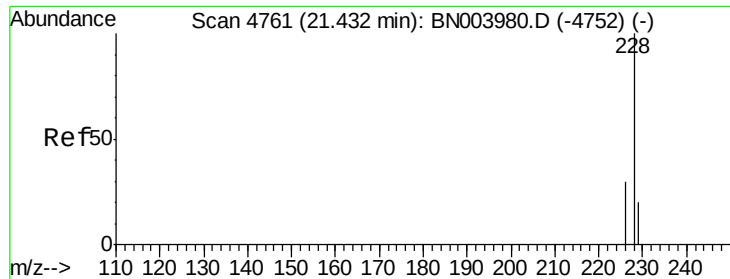
Tgt Ion:202 Resp: 68745
Ion Ratio Lower Upper
202 100
101 14.9 10.3 15.5
100 11.5 8.5 12.7



#18
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.39 min Scan# 4747
Delta R.T. 0.01 min
Lab File: BN003984.D
Acq: 16 Dec 2018 07:05

Tgt Ion:228 Resp: 21491
Ion Ratio Lower Upper
228 100
229 60.7 15.6 23.4#
226 49.7 21.1 31.7#





#19

Chrysene

Concen: 0.613 ng/ul

RT: 21.44 min Scan# 4764

Delta R.T. 0.01 min

Lab File: BN003984.D

Acq: 16 Dec 2018 07:05

Instrument :

BNA_N

ClientSampleId :

F9Y26DL

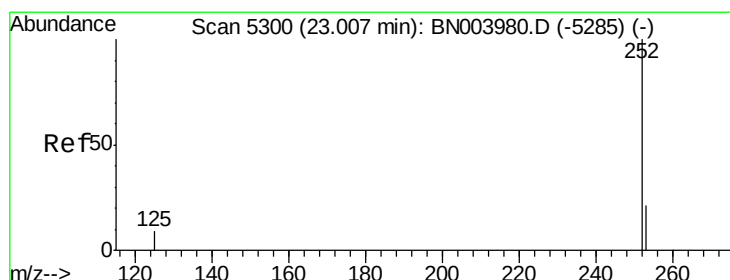
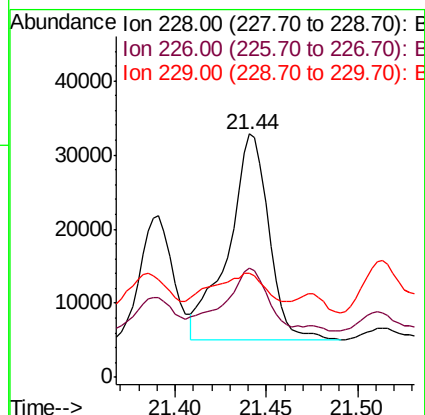
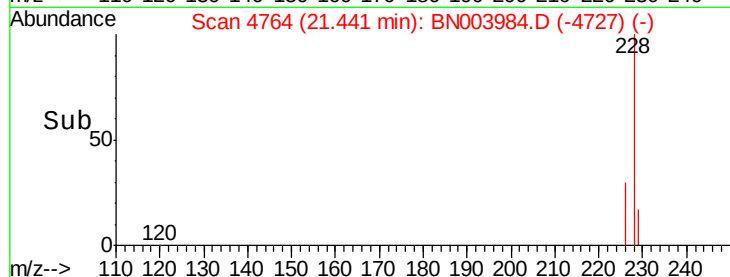
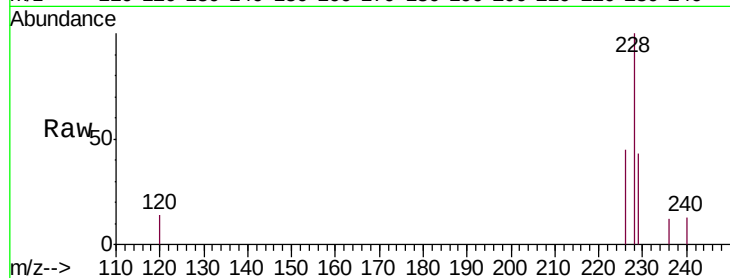
Tgt Ion:228 Resp: 42858

Ion Ratio Lower Upper

228 100

226 44.8 24.0 36.0#

229 42.9 15.7 23.5#



#21

Benzo(b)fluoranthene

Concen: 0.223 ng/ul

RT: 23.02 min Scan# 5306

Delta R.T. 0.02 min

Lab File: BN003984.D

Acq: 16 Dec 2018 07:05

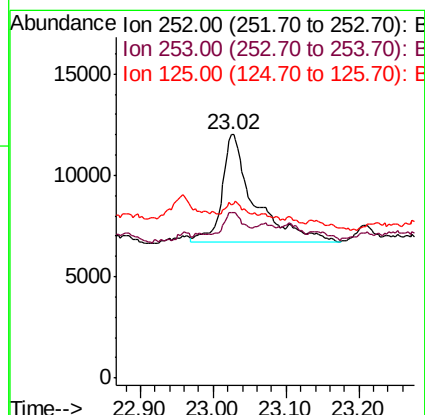
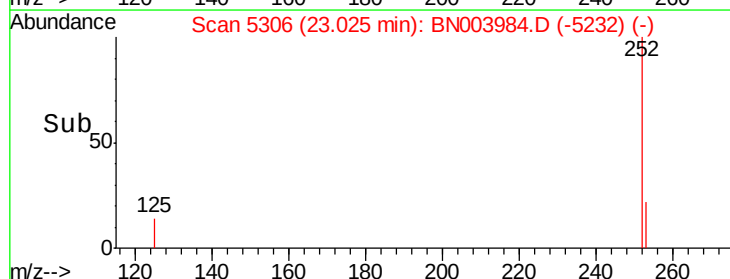
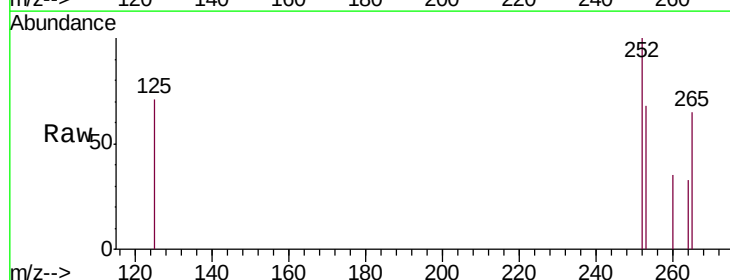
Tgt Ion:252 Resp: 16567

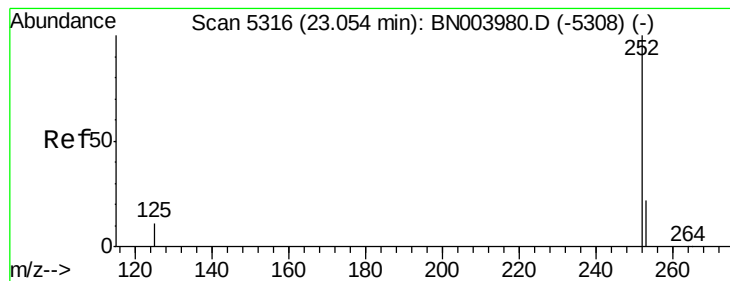
Ion Ratio Lower Upper

252 100

253 67.9 0.0 46.0#

125 71.2 0.0 22.4#





#22

Benzo(k)fluoranthene

Concen: 0.229 ng/ul

RT: 23.02 min Scan# 5306

Delta R.T. -0.03 min

Lab File: BN003984.D

Acq: 16 Dec 2018 07:05

Instrument :

BNA_N

ClientSampleId :

F9Y26DL

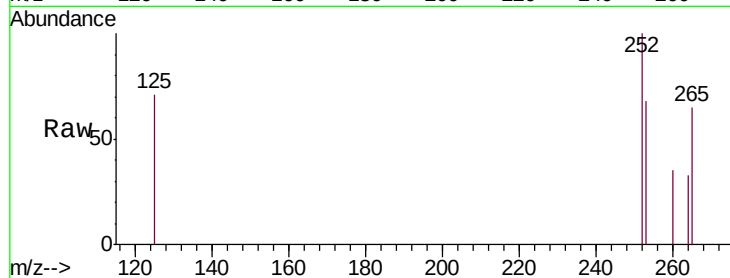
Tgt Ion:252 Resp: 16567

Ion Ratio Lower Upper

252 100

253 67.9 18.5 27.7#

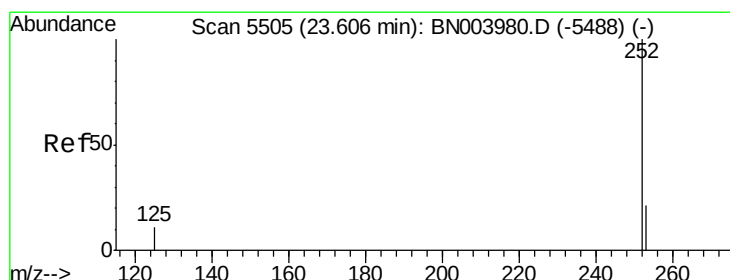
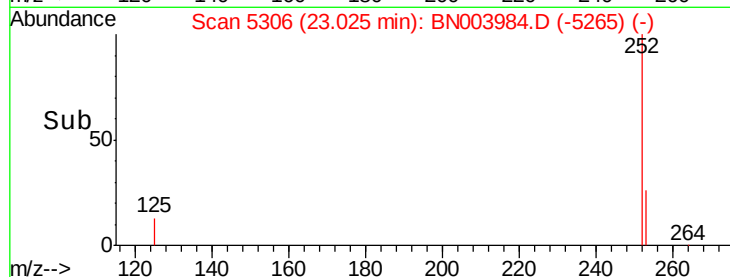
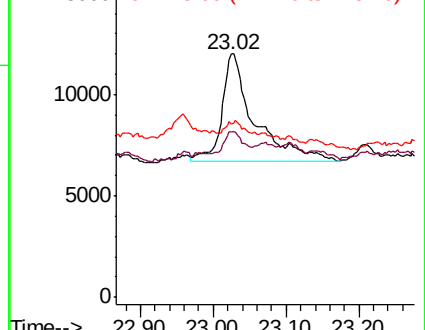
125 71.2 9.0 13.6#



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: 0.253 ng/ul

RT: 23.63 min Scan# 5513

Delta R.T. 0.02 min

Lab File: BN003984.D

Acq: 16 Dec 2018 07:05

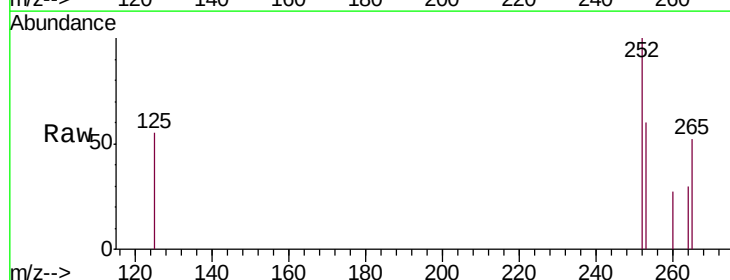
Tgt Ion:252 Resp: 16243

Ion Ratio Lower Upper

252 100

253 60.2 19.0 28.4#

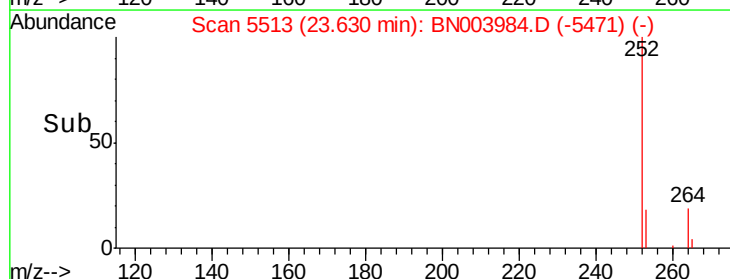
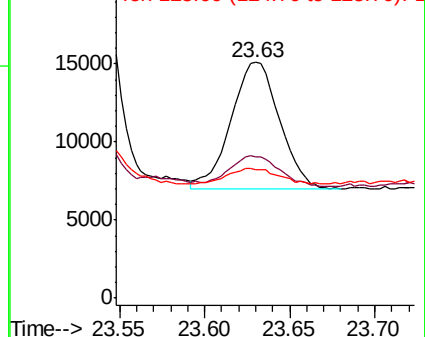
125 54.7 10.2 15.4#

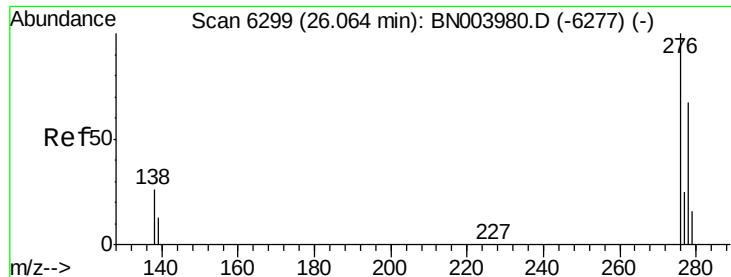


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



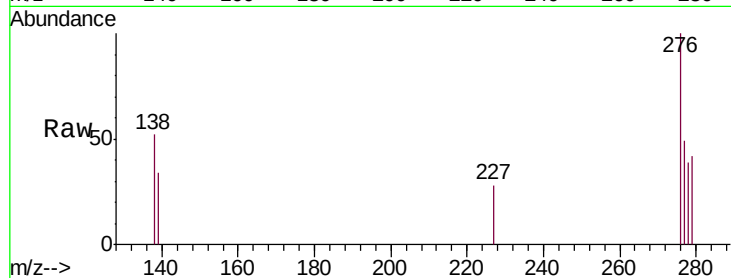


#24

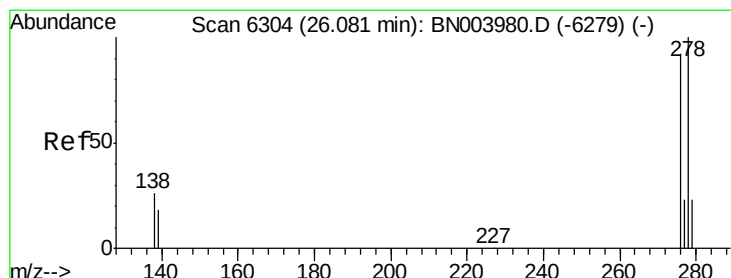
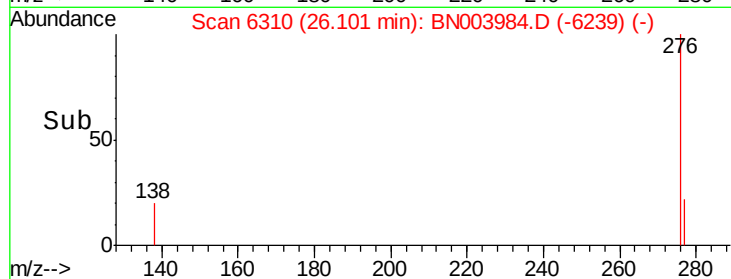
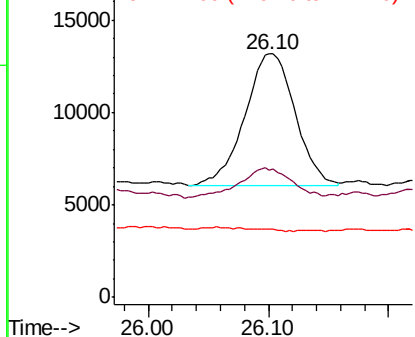
Indeno(1,2,3-cd)pyrene
Concen: 0.282 ng/ul
RT: 26.10 min Scan# 6310
Delta R.T. 0.04 min
Lab File: BN003984.D
Acq: 16 Dec 2018 07:05

Instrument :
BNA_N
ClientSampleId :
F9Y26DL

Tgt Ion: 276 Resp: 20811
Ion Ratio Lower Upper
276 100
138 24.3 20.3 30.5
227 0.0 0.2 0.2#



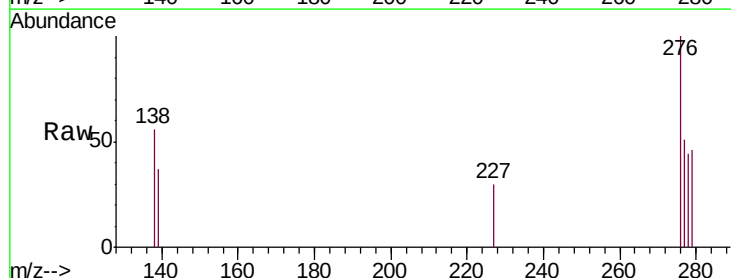
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



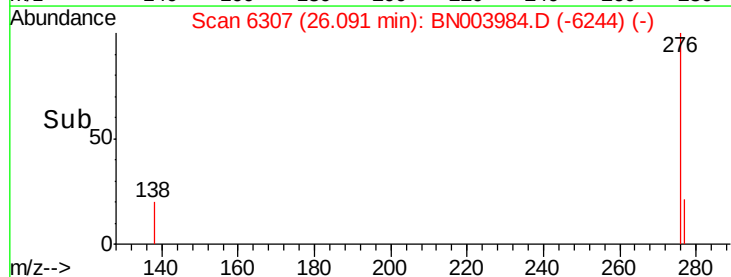
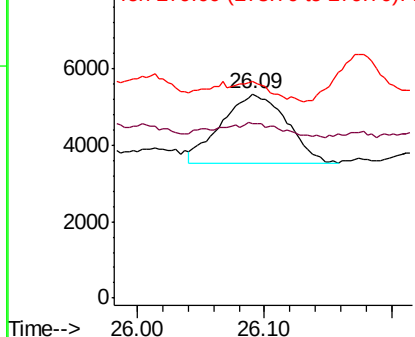
#25

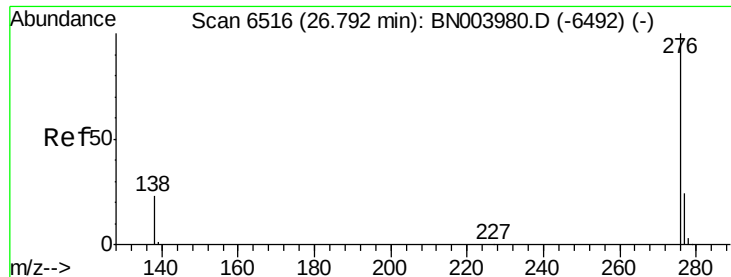
Dibenzo(a,h)anthracene
Concen: 0.108 ng/ul
RT: 26.09 min Scan# 6307
Delta R.T. 0.01 min
Lab File: BN003984.D
Acq: 16 Dec 2018 07:05

Tgt Ion: 278 Resp: 6416
Ion Ratio Lower Upper
278 100
139 85.6 14.2 21.4#
279 105.9 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: 1.719 ng/ul

RT: 26.84 min Scan# 6531

Delta R.T. 0.05 min

Lab File: BN003984.D

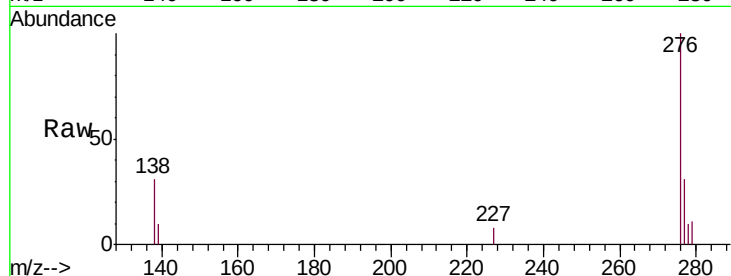
Acq: 16 Dec 2018 07:05

Instrument :

BNA_N

ClientSampleId :

F9Y26DL



Tgt Ion: 276 Resp: 110181

Ion Ratio Lower Upper

276 100

138 30.7 17.7 26.5#

277 31.1 19.3 28.9#

