

Data File : BN004107.D
Acq On : 19 Dec 2018 11:25
Operator : JU/SJ
Sample : J6271-13DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E28DL

Quant Time: Dec 20 04:45:12 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 : Thu Dec 20 04:42:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1316	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	6670	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4074	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	10558	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	11771	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	11517	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	481	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1512	0.05	ng/ul	0.00

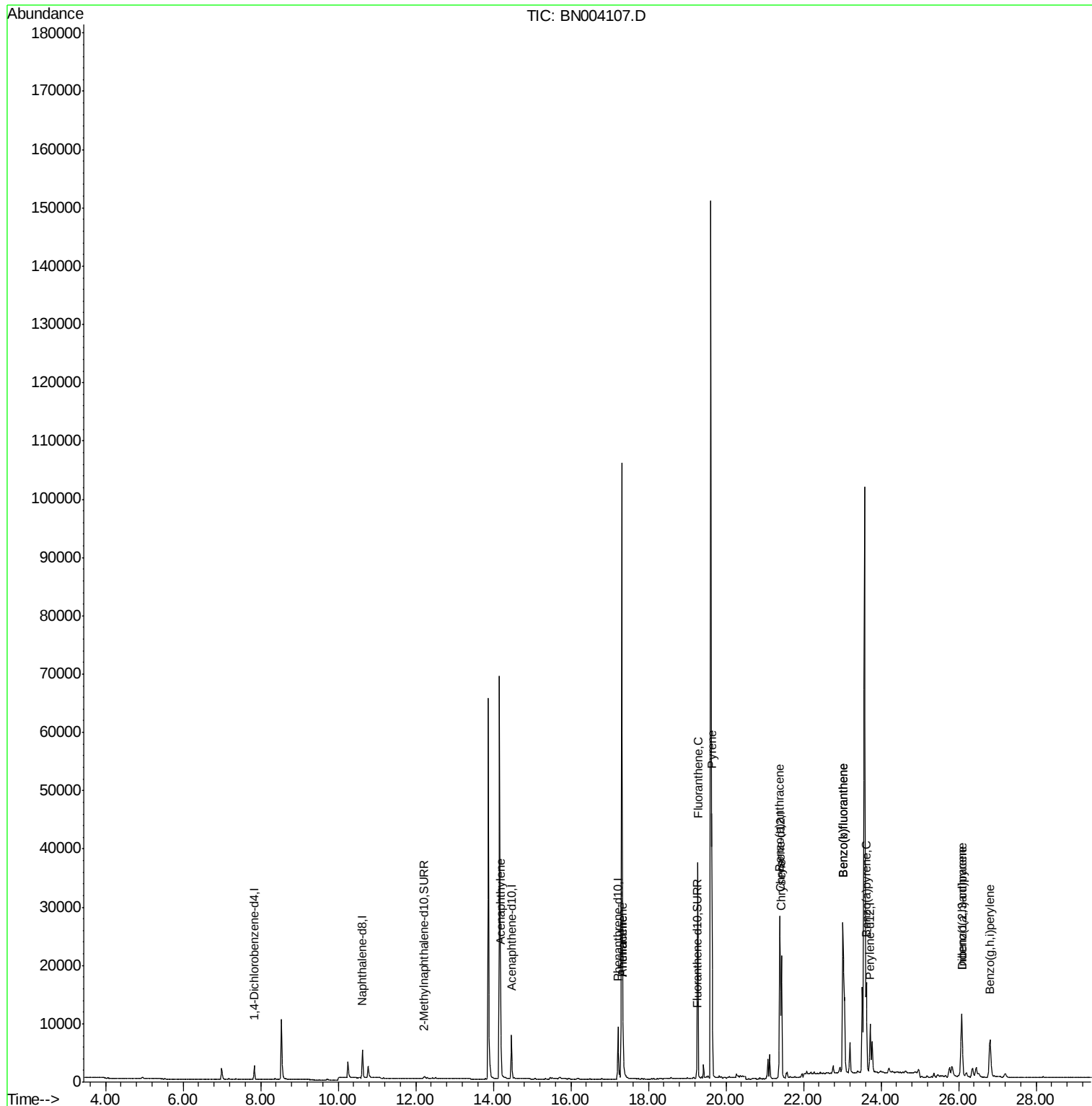
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	14.19	152	7544	0.411	ng/ul	98
12) Phenanthrene	17.35	178	7408	0.214	ng/ul	98
13) Anthracene	17.35	178	7409	0.260	ng/ul	98
15) Fluoranthene	19.27	202	30814	0.753	ng/ul	96
17) Pyrene	19.64	202	36194	0.857	ng/ul	99
18) Benzo(a)anthracene	21.38	228	22628	0.609	ng/ul	97
19) Chrysene	21.43	228	23601	0.555	ng/ul	97
21) Benzo(b)fluoranthene	23.02	252	59906	1.257	ng/ul	98
22) Benzo(k)fluoranthene	23.02	252	59906	1.291	ng/ul	98
23) Benzo(a)pyrene	23.62	252	20492	0.497	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	26.08	276	18973	0.401	ng/ul#	94
25) Dibenzo(a,h)anthracene	26.08	278	4842	0.127	ng/ul#	80
26) Benzo(g,h,i)perylene	26.81	276	14335	0.349	ng/ul	94

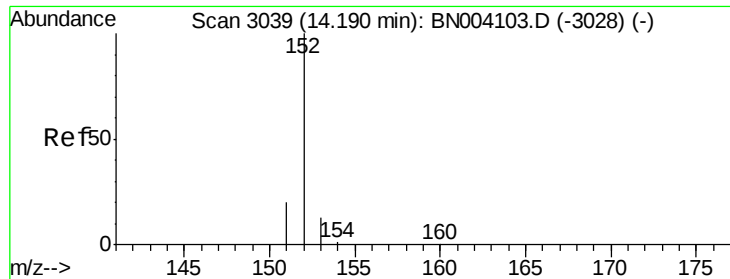
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 20 04:45:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 04:42:11 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.411 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BN004107.D

Acq: 19 Dec 2018 11:25

Instrument :

BNA_N

ClientSampleId :

F9E28DL

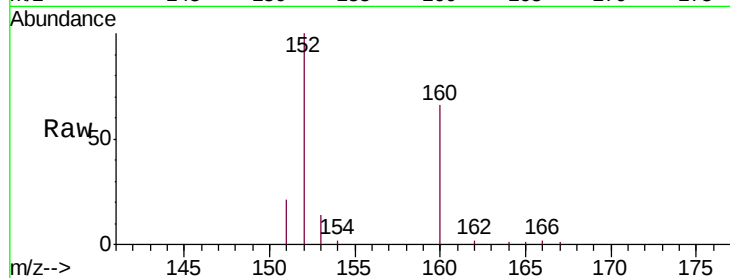
Tgt Ion:152 Resp: 7544

Ion Ratio Lower Upper

152 100

151 20.6 15.9 23.9

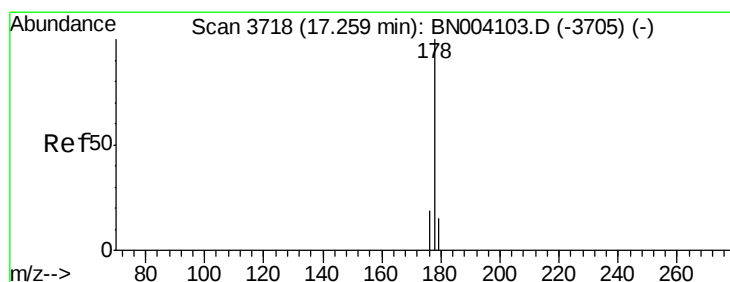
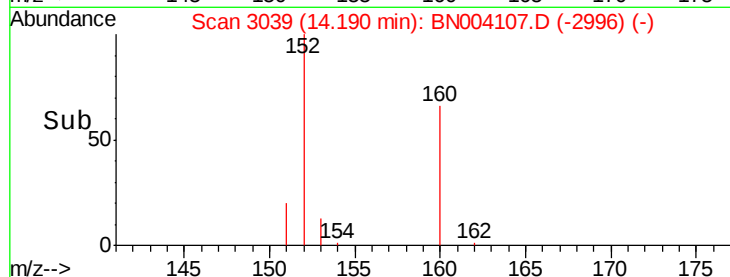
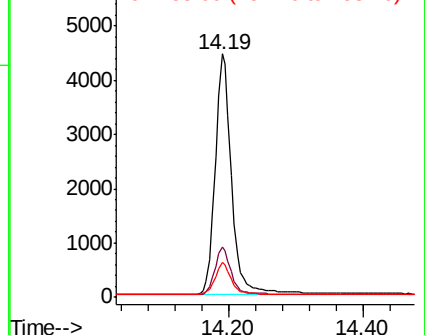
153 14.2 10.7 16.1



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



#12

Phenanthrene

Concen: 0.214 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. 0.09 min

Lab File: BN004107.D

Acq: 19 Dec 2018 11:25

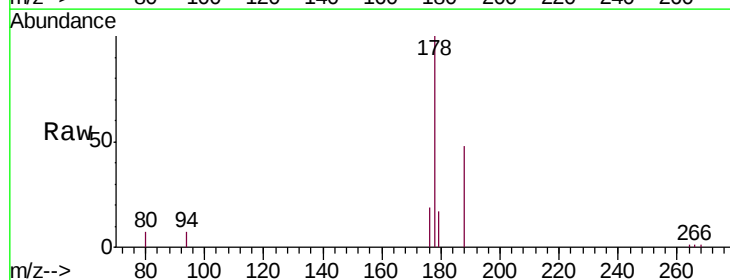
Tgt Ion:178 Resp: 7408

Ion Ratio Lower Upper

178 100

179 16.5 12.5 18.7

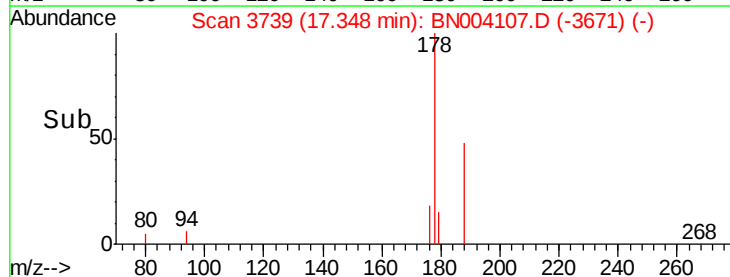
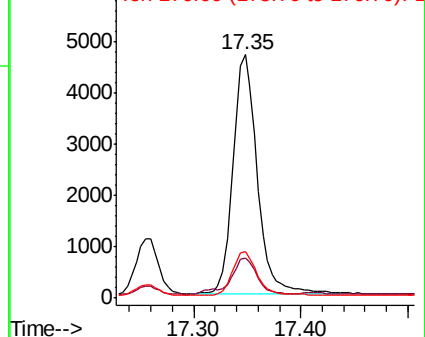
176 19.2 15.0 22.4

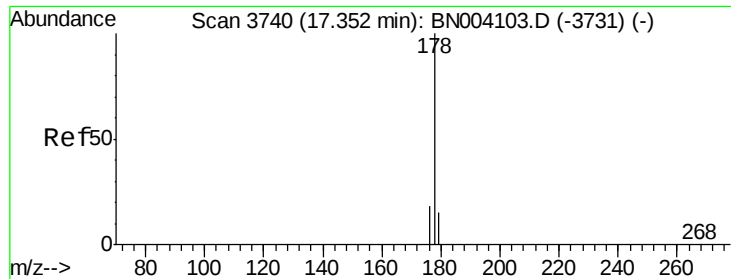


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.260 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BN004107.D

Acq: 19 Dec 2018 11:25

Instrument :

BNA_N

ClientSampleId :

F9E28DL

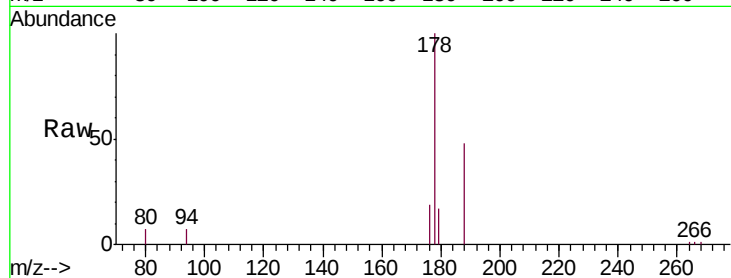
Tgt Ion:178 Resp: 7409

Ion Ratio Lower Upper

178 100

179 16.5 12.3 18.5

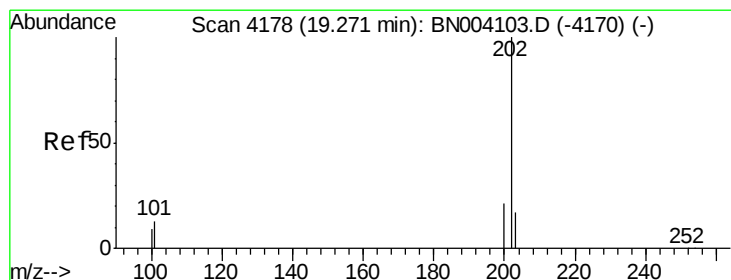
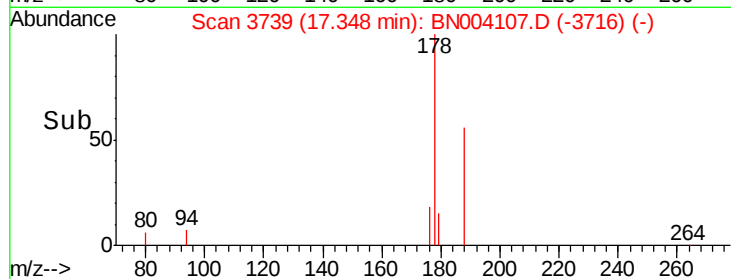
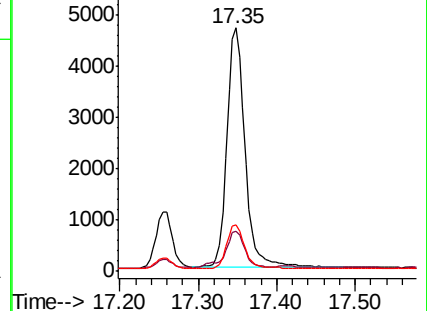
176 19.2 14.8 22.2



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: 0.753 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. 0.00 min

Lab File: BN004107.D

Acq: 19 Dec 2018 11:25

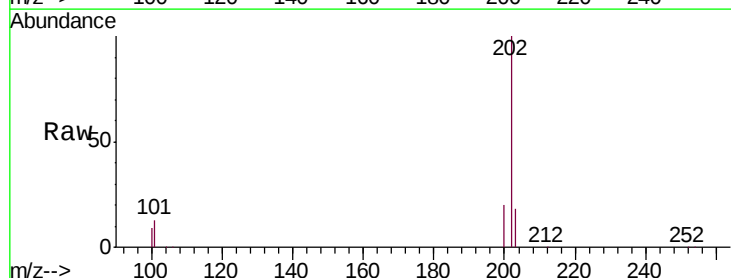
Tgt Ion:202 Resp: 30814

Ion Ratio Lower Upper

202 100

101 12.6 0.0 30.7

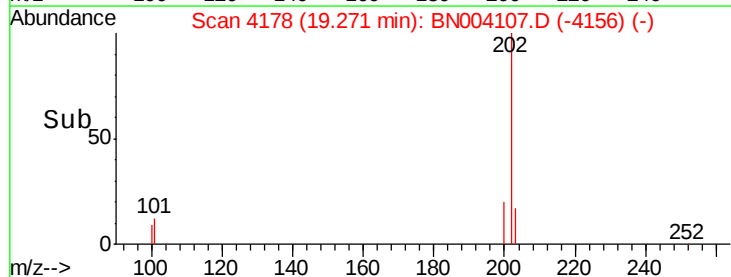
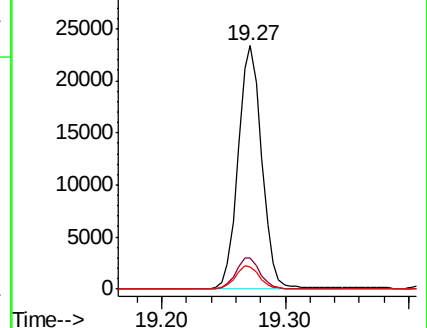
100 9.3 0.0 28.1

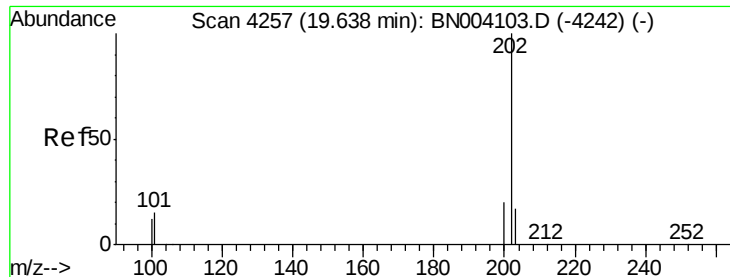


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#17

Pyrene

Concen: 0.857 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN004107.D

Acq: 19 Dec 2018 11:25

Instrument :

BNA_N

ClientSampleId :

F9E28DL

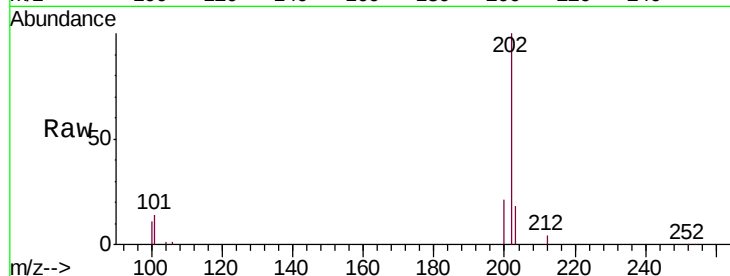
Tgt Ion:202 Resp: 36194

Ion Ratio Lower Upper

202 100

101 13.7 10.3 15.5

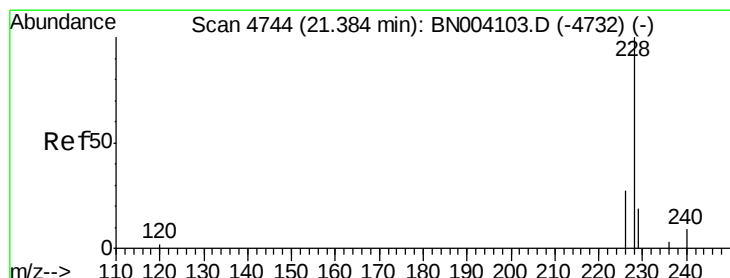
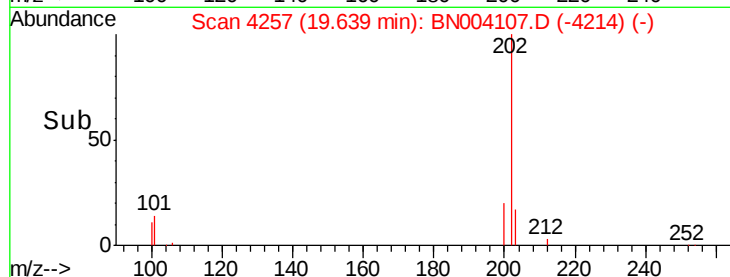
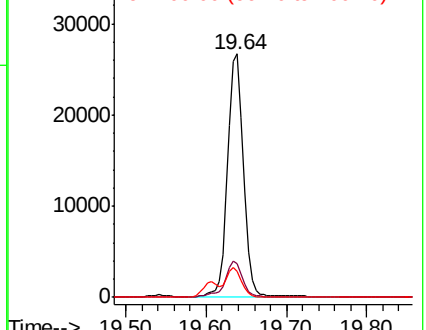
100 10.7 8.5 12.7



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: 0.609 ng/ul

RT: 21.38 min Scan# 4744

Delta R.T. -0.00 min

Lab File: BN004107.D

Acq: 19 Dec 2018 11:25

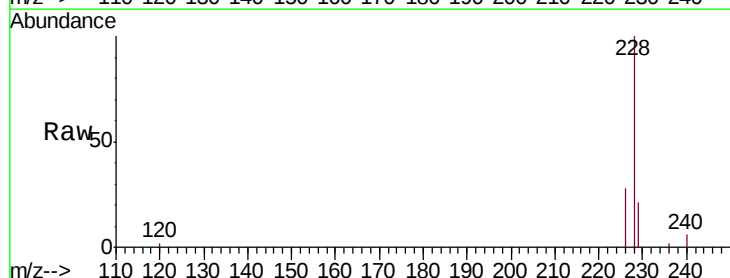
Tgt Ion:228 Resp: 22628

Ion Ratio Lower Upper

228 100

229 20.6 15.6 23.4

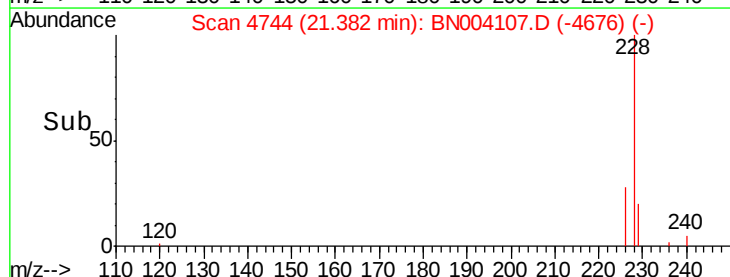
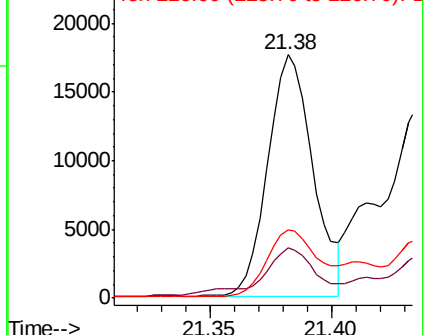
226 28.1 21.1 31.7

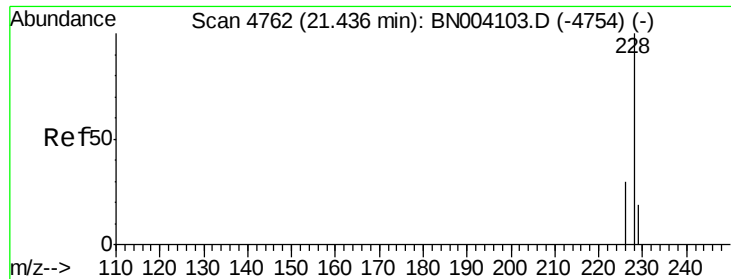


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.555 ng/ul

RT: 21.43 min Scan# 4762

Delta R.T. -0.00 min

Lab File: BN004107.D

Acq: 19 Dec 2018 11:25

Instrument :

BNA_N

ClientSampleId :

F9E28DL

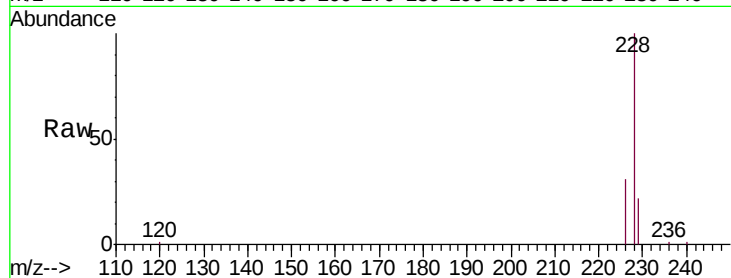
Tgt Ion:228 Resp: 23601

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

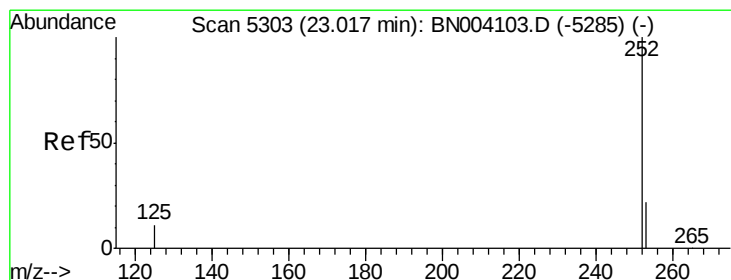
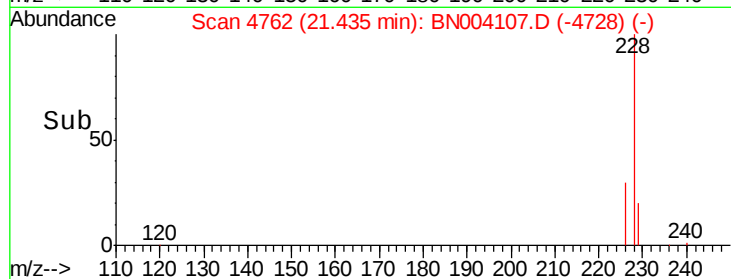
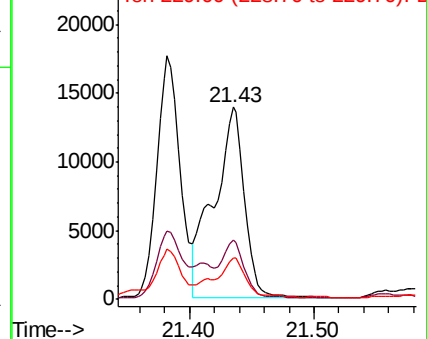
229 21.6 15.7 23.5



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: 1.257 ng/ul

RT: 23.02 min Scan# 5303

Delta R.T. -0.00 min

Lab File: BN004107.D

Acq: 19 Dec 2018 11:25

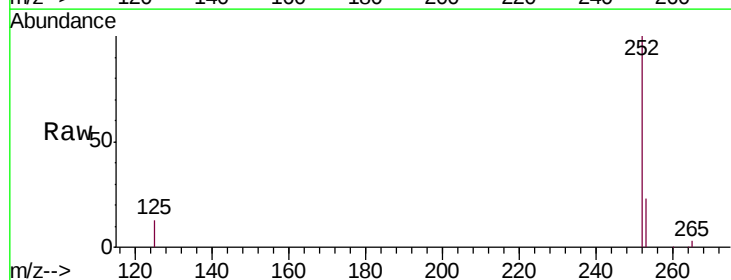
Tgt Ion:252 Resp: 59906

Ion Ratio Lower Upper

252 100

253 23.3 0.0 46.0

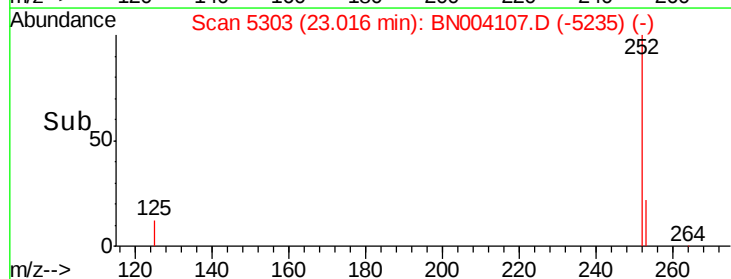
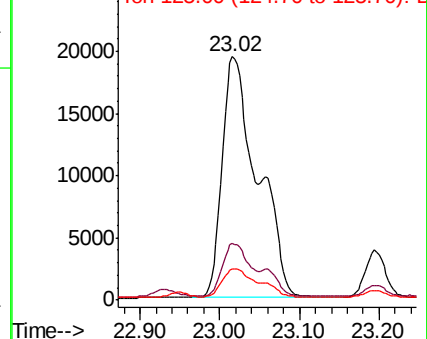
125 12.8 0.0 22.4

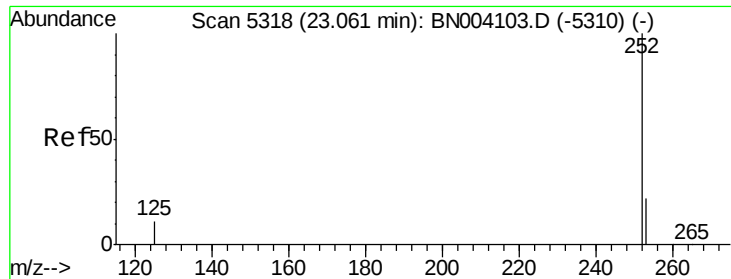


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.291 ng/u1

RT: 23.02 min Scan# 5303

Delta R.T. -0.05 min

Lab File: BN004107.D

Acq: 19 Dec 2018 11:25

Instrument :

BNA_N

ClientSampleId :

F9E28DL

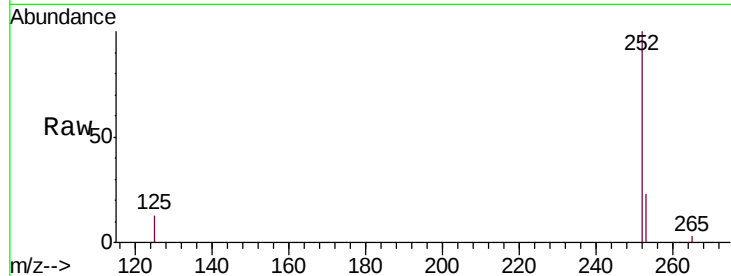
Tgt Ion:252 Resp: 59906

Ion Ratio Lower Upper

252 100

253 23.3 18.5 27.7

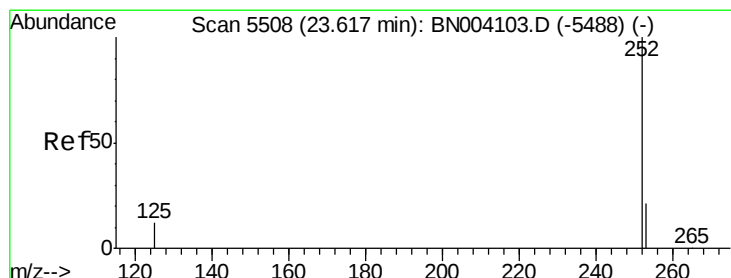
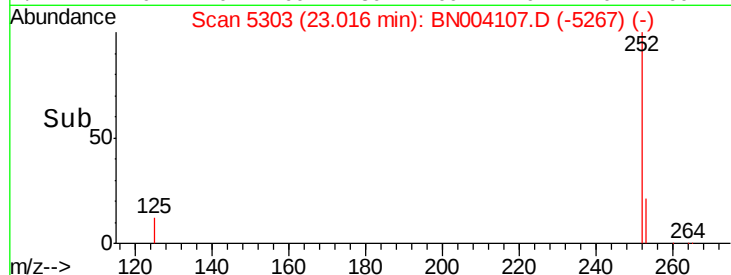
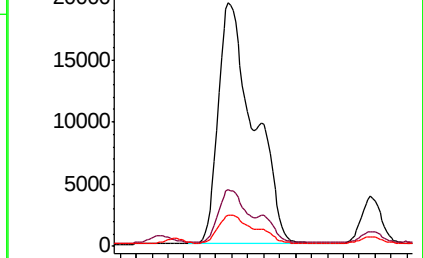
125 12.8 9.0 13.6



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: 0.497 ng/u1

RT: 23.62 min Scan# 5509

Delta R.T. 0.00 min

Lab File: BN004107.D

Acq: 19 Dec 2018 11:25

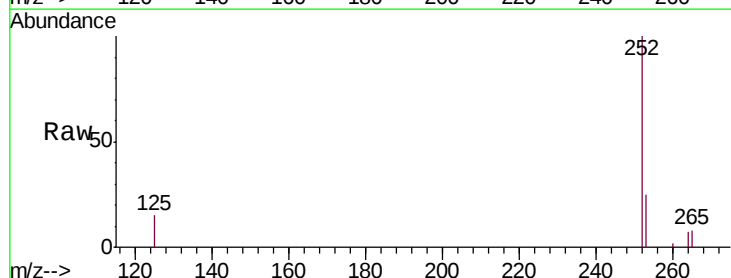
Tgt Ion:252 Resp: 20492

Ion Ratio Lower Upper

252 100

253 24.6 19.0 28.4

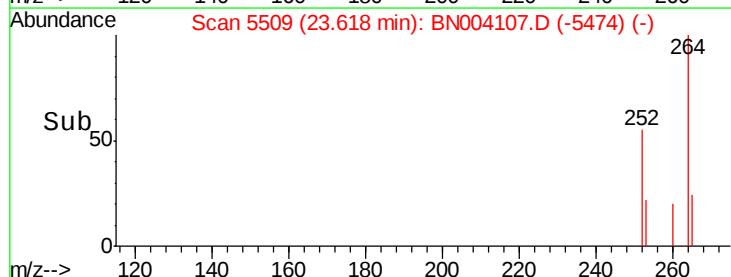
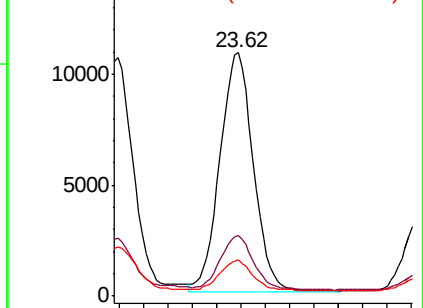
125 14.6 10.2 15.4

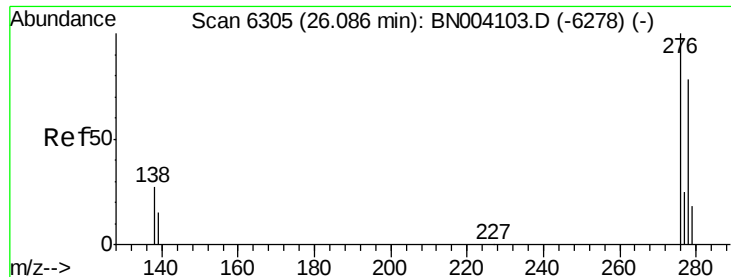


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.401 ng/u1

RT: 26.08 min Scan# 6304

Delta R.T. -0.00 min

Lab File: BN004107.D

Acq: 19 Dec 2018 11:25

Instrument :

BNA_N

ClientSampleId :

F9E28DL

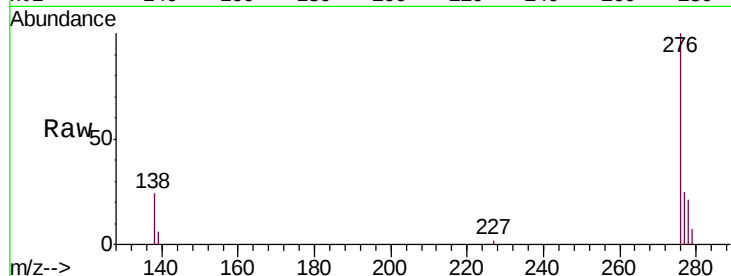
Tgt Ion:276 Resp: 18973

Ion Ratio Lower Upper

276 100

138 22.5 20.3 30.5

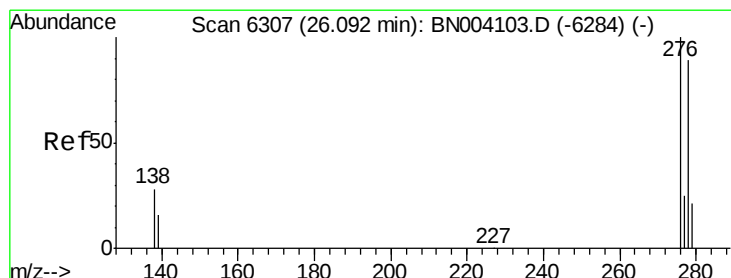
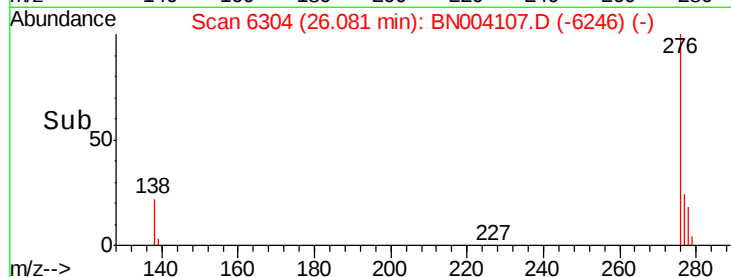
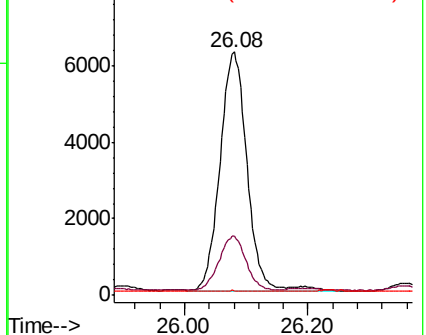
227 0.1 0.2 0.2#



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: 0.127 ng/u1

RT: 26.08 min Scan# 6304

Delta R.T. -0.01 min

Lab File: BN004107.D

Acq: 19 Dec 2018 11:25

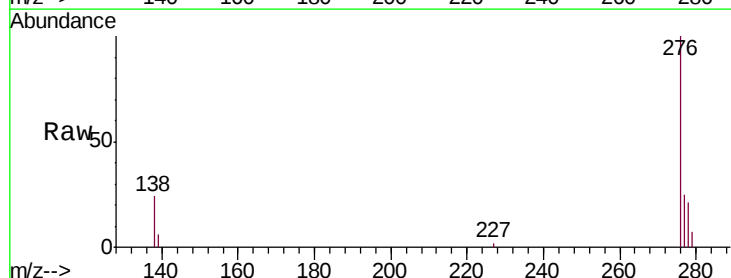
Tgt Ion:278 Resp: 4842

Ion Ratio Lower Upper

278 100

139 28.2 14.2 21.4#

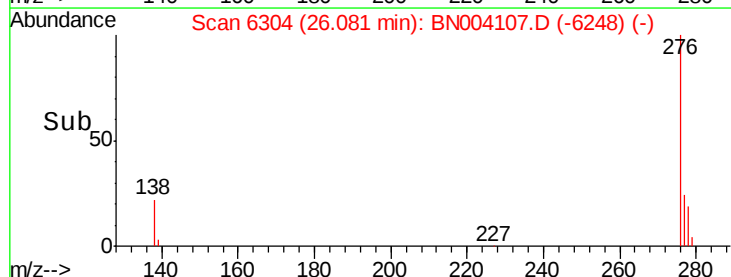
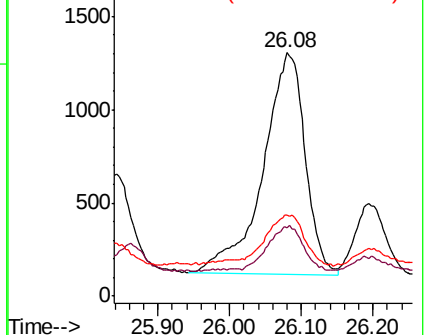
279 33.2 19.8 29.6#

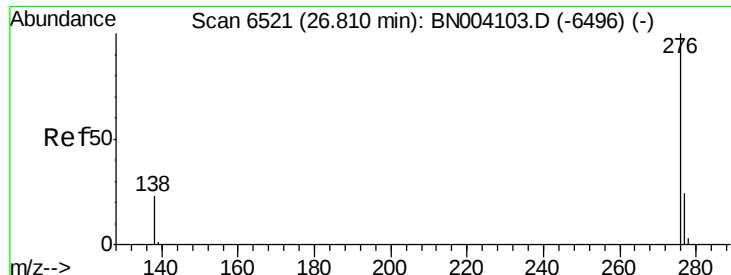


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.349 ng/ul

RT: 26.81 min Scan# 6521

Delta R.T. -0.00 min

Lab File: BN004107.D

Acq: 19 Dec 2018 11:25

Instrument :

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F9E28DL

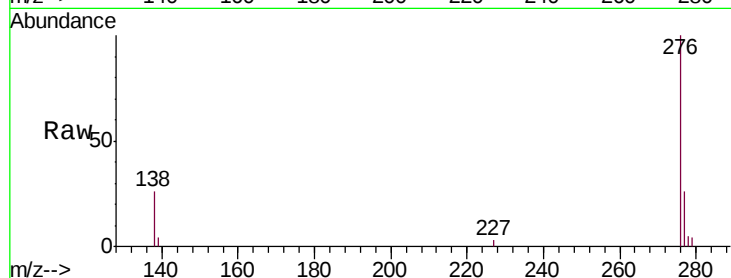
Tgt Ion: 276 Resp: 14335

Ion Ratio Lower Upper

276 100

138 26.1 17.7 26.5

277 25.6 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E

6000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

