

Data File : BN004135.D
Acq On : 20 Dec 2018 03:50
Operator : JU/SJ
Sample : J6299-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F25

Quant Time: Dec 20 07:20:37 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 07:15:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1315	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	6879	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4296	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	597792	0.40	ng/ul	0.09
16) Chrysene-d12	21.56	240	49	0.40	ng/ul	0.16
20) Perylene-d12	23.98	264	948	0.40	ng/ul	0.26

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2459	0.23	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

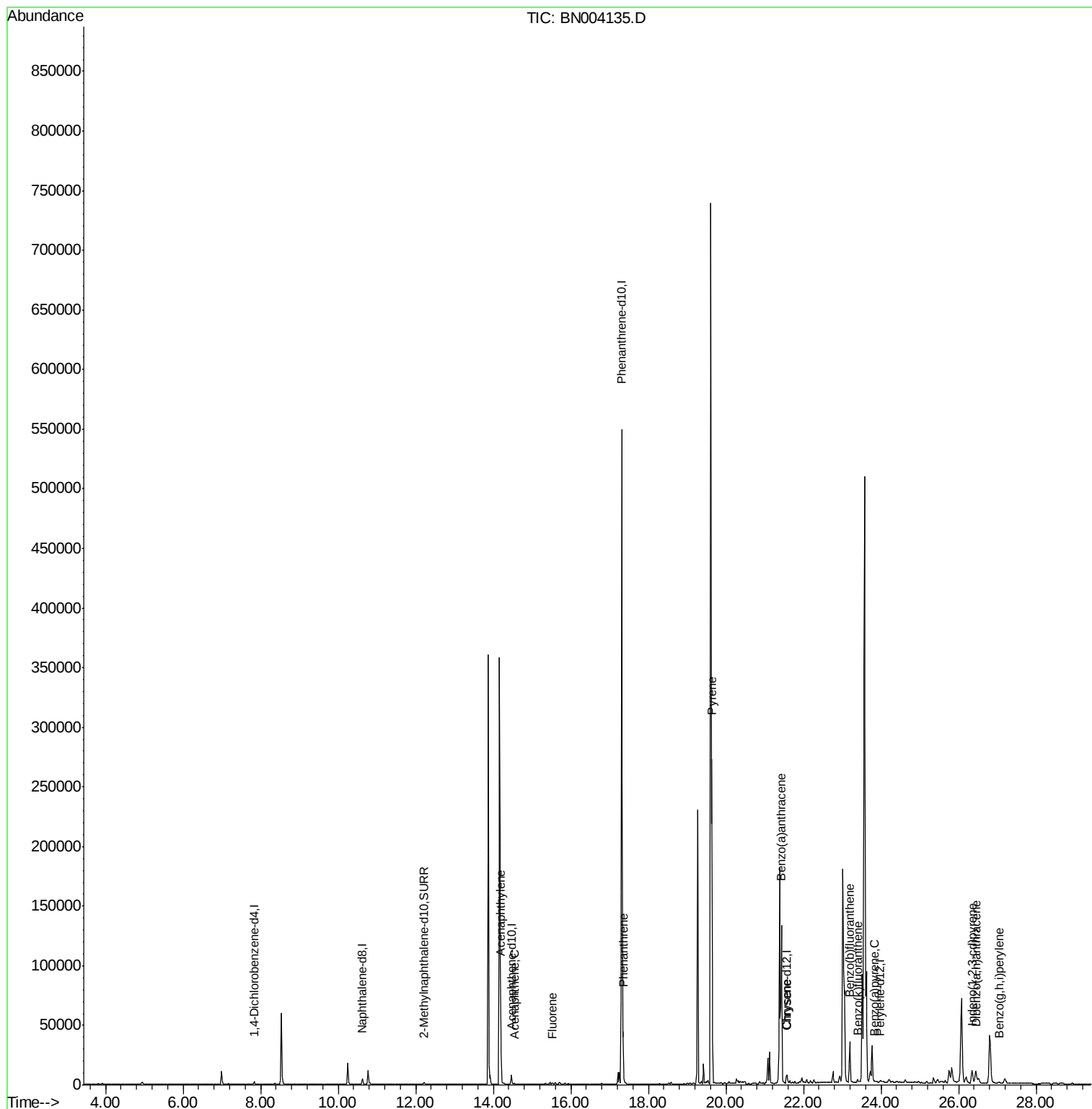
Target Compounds				Qvalue		
7) Acenaphthylene	14.19	152	45560	2.355	ng/ul	100
8) Acenaphthene	14.53	153	507	0.030	ng/ul#	89
9) Fluorene	15.52	166	889	0.045	ng/ul#	94
12) Phenanthrene	17.35	178	44791	0.023	ng/ul	100
17) Pyrene	19.63	202	209311	1191.004	ng/ul	95
18) Benzo(a)anthracene	21.43	228	152183	983.317	ng/ul	94
19) Chrysene	21.57	228	10600	59.849	ng/ul#	90
21) Benzo(b)fluoranthene	23.19	252	44151	11.259	ng/ul	93
22) Benzo(k)fluoranthene	23.39	252	1355	0.355	ng/ul#	1
23) Benzo(a)pyrene	23.84	252	988	0.291	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.35	276	4068	1.045	ng/ul#	40
25) Dibenzo(a,h)anthracene	26.44	278	20027	6.390	ng/ul	92
26) Benzo(g,h,i)perylene	27.04	276	1892	0.559	ng/ul#	65

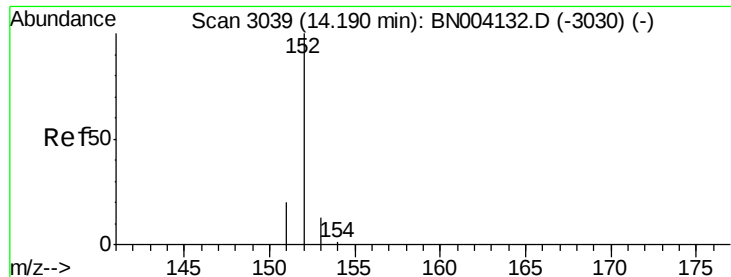
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN004135.D
Acq On : 20 Dec 2018 03:50
Operator : JU/SJ
Sample : J6299-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F25

Quant Time: Dec 20 07:20:37 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 07:15:48 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 2.355 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BN004135.D

Acq: 20 Dec 2018 03:50

Instrument :

BNA_N

ClientSampleId :

F9F25

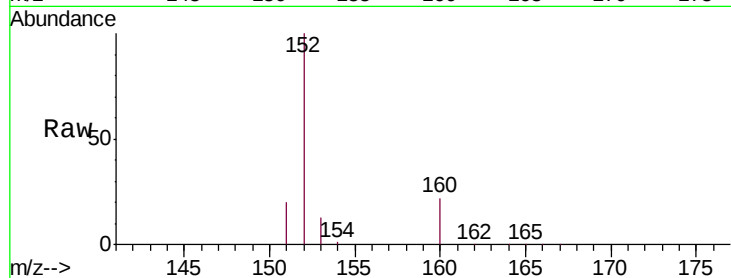
Tgt Ion:152 Resp: 45560

Ion Ratio Lower Upper

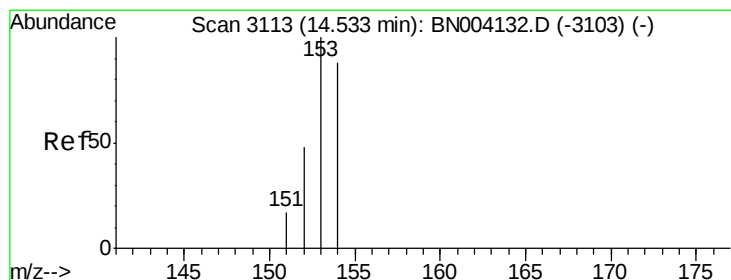
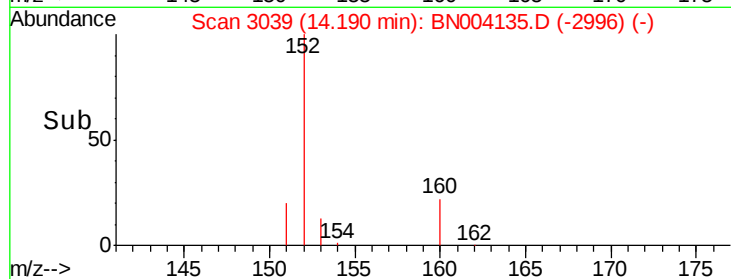
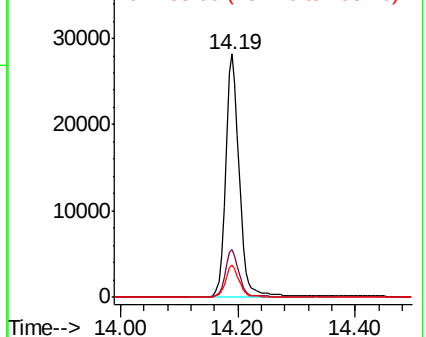
152 100

151 19.7 15.9 23.9

153 13.2 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



#8

Acenaphthene

Concen: 0.030 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BN004135.D

Acq: 20 Dec 2018 03:50

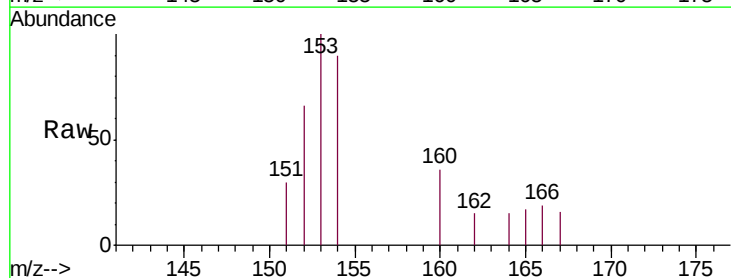
Tgt Ion:153 Resp: 507

Ion Ratio Lower Upper

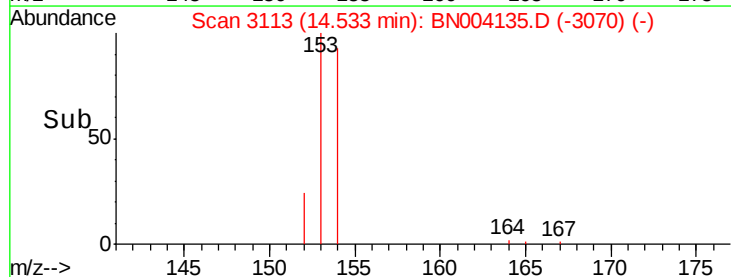
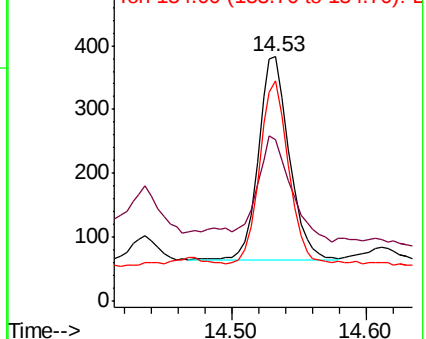
153 100

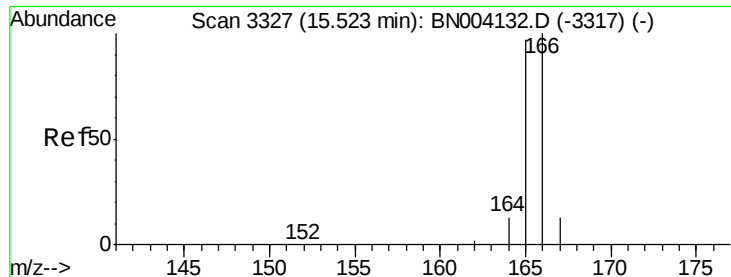
152 66.1 39.3 58.9#

154 90.3 70.3 105.5



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: 0.045 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN004135.D

Acq: 20 Dec 2018 03:50

Instrument :

BNA_N

ClientSampleId :

F9F25

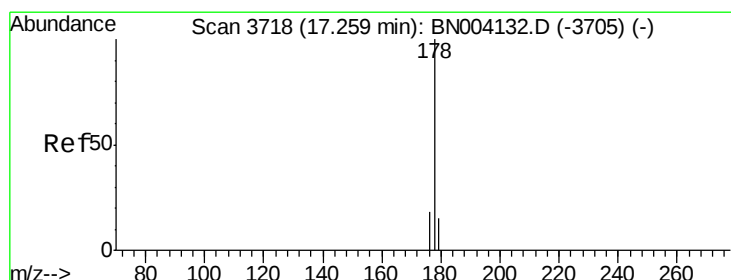
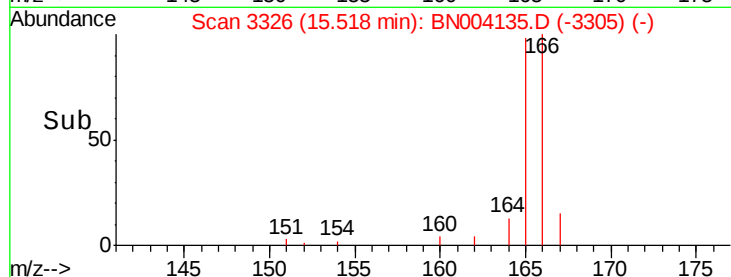
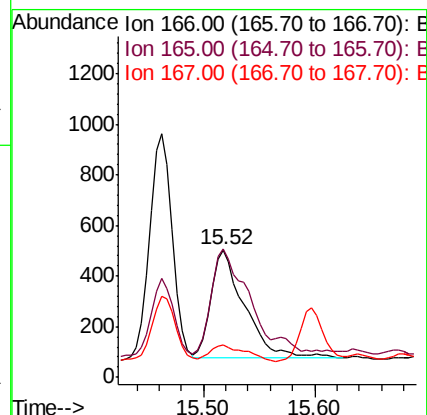
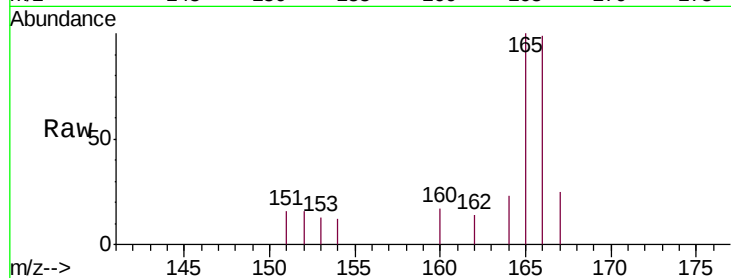
Tgt Ion:166 Resp: 889

Ion Ratio Lower Upper

166 100

165 101.2 78.3 117.5

167 25.6 11.3 16.9#



#12

Phenanthrene

Concen: 0.023 ng/ul

RT: 17.35 min Scan# 3739

Delta R.T. 0.09 min

Lab File: BN004135.D

Acq: 20 Dec 2018 03:50

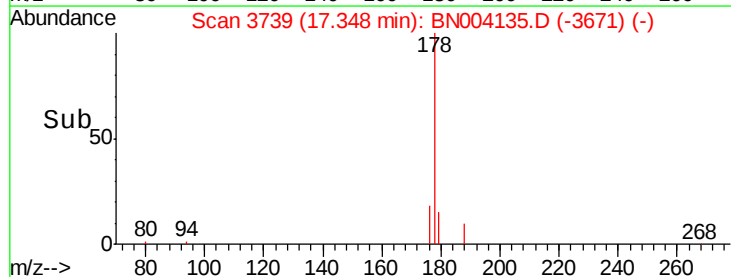
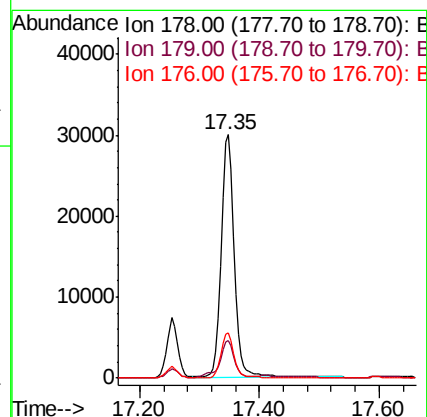
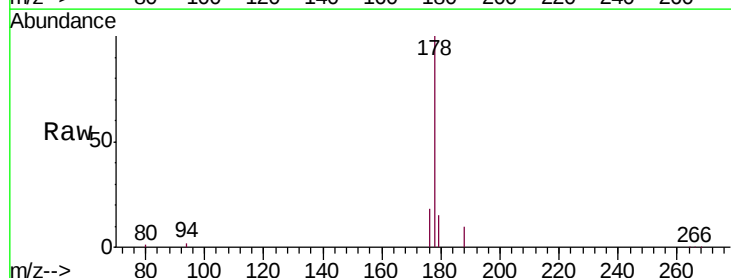
Tgt Ion:178 Resp: 44791

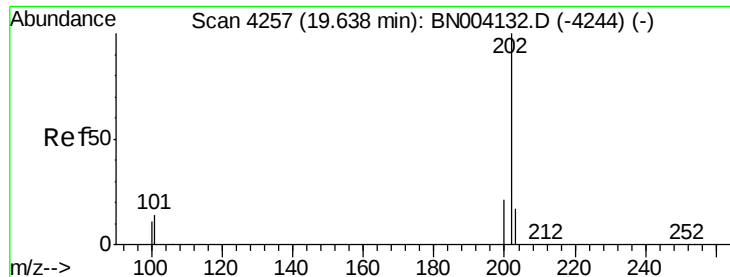
Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 18.4 15.0 22.4

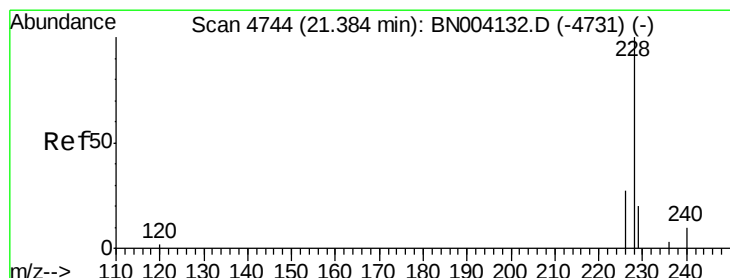
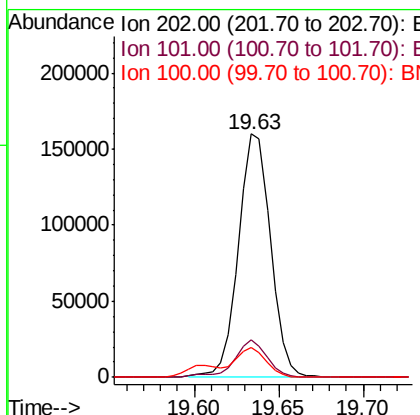
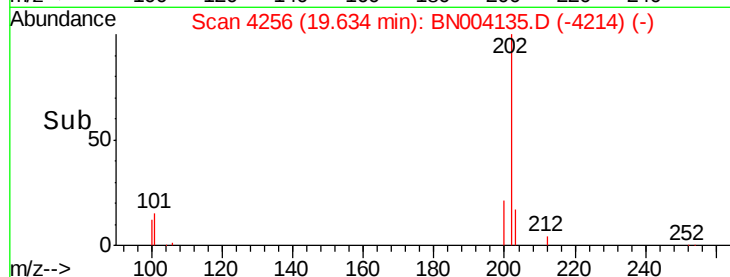
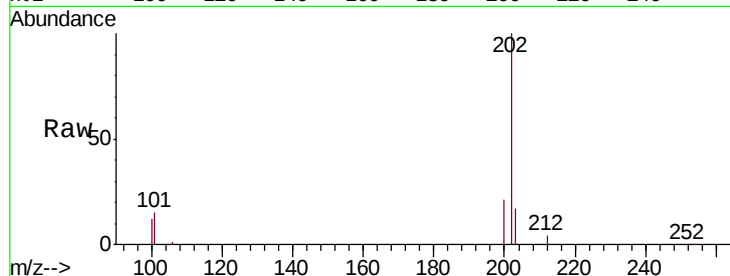




#17
Pyrene
Concen: 1191.004 ng/u1
RT: 19.63 min Scan# 4256
Delta R.T. -0.00 min
Lab File: BN004135.D
Acq: 20 Dec 2018 03:50

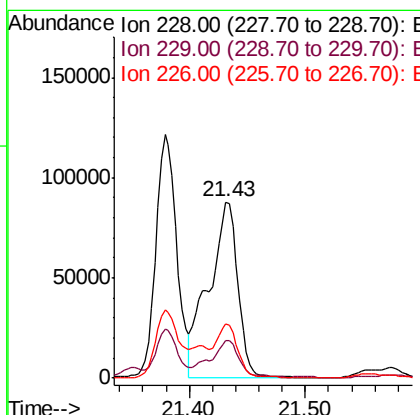
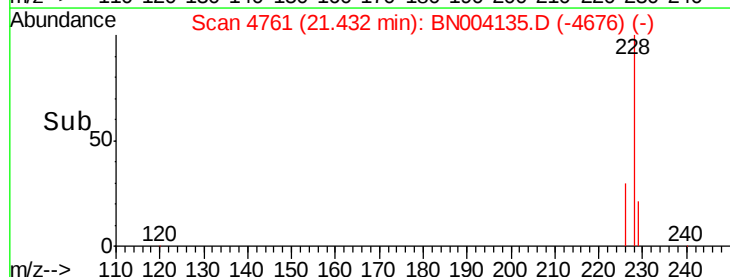
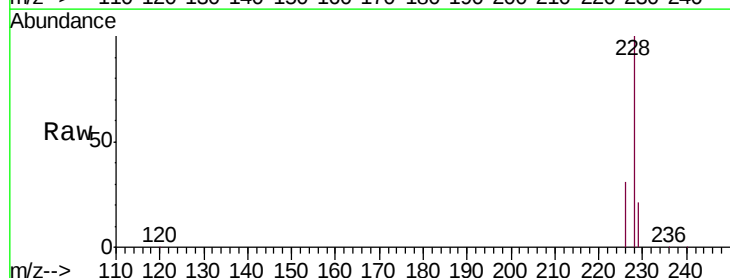
Instrument :
BNA_N
ClientSampleId :
F9F25

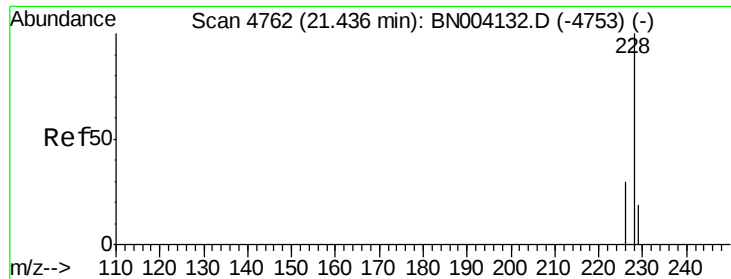
Tgt Ion:202 Resp: 209311
Ion Ratio Lower Upper
202 100
101 15.2 10.3 15.5
100 12.4 8.5 12.7



#18
Benzo(a)anthracene
Concen: 983.317 ng/u1
RT: 21.43 min Scan# 4761
Delta R.T. 0.05 min
Lab File: BN004135.D
Acq: 20 Dec 2018 03:50

Tgt Ion:228 Resp: 152183
Ion Ratio Lower Upper
228 100
229 21.3 15.6 23.4
226 30.5 21.1 31.7





#19

Chrysene

Concen: 59.849 ng/ul

RT: 21.57 min Scan# 4809

Delta R.T. 0.14 min

Lab File: BN004135.D

Acq: 20 Dec 2018 03:50

Instrument :

BNA_N

ClientSampleId :

F9F25

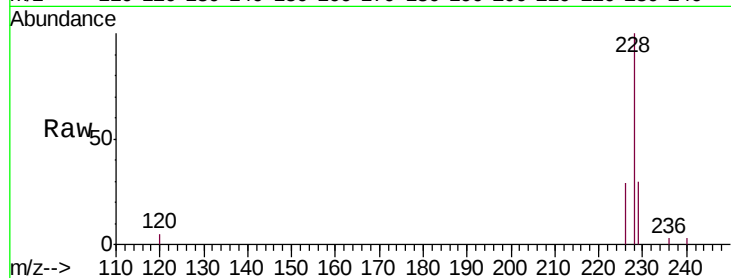
Tgt Ion:228 Resp: 10600

Ion Ratio Lower Upper

228 100

226 29.2 24.0 36.0

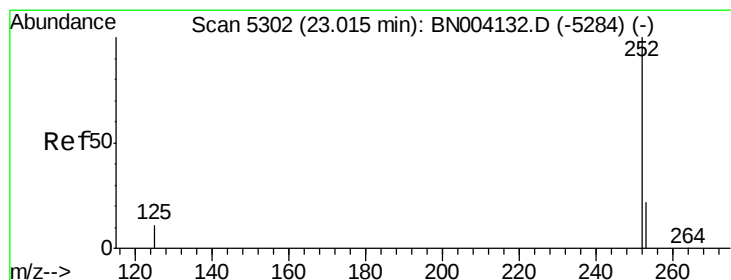
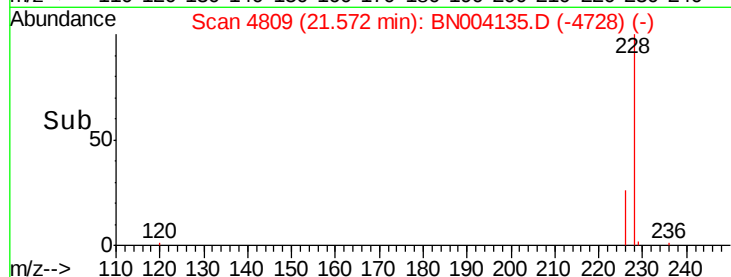
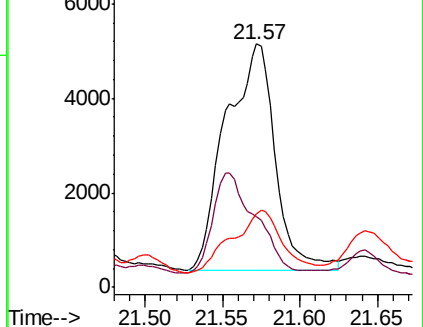
229 29.9 15.7 23.5#



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: 11.259 ng/ul

RT: 23.19 min Scan# 5363

Delta R.T. 0.18 min

Lab File: BN004135.D

Acq: 20 Dec 2018 03:50

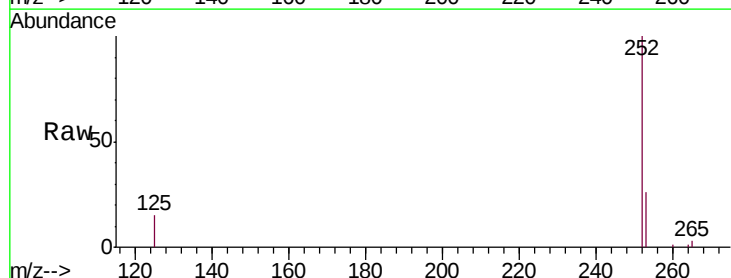
Tgt Ion:252 Resp: 44151

Ion Ratio Lower Upper

252 100

253 25.6 0.0 46.0

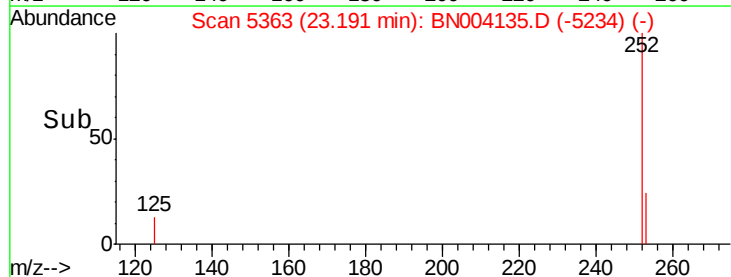
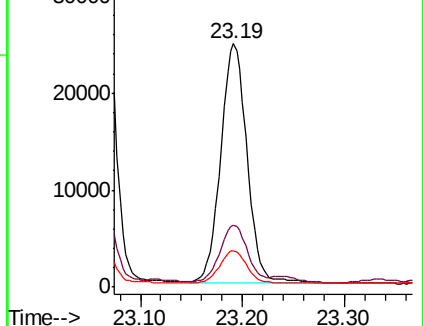
125 15.0 0.0 22.4

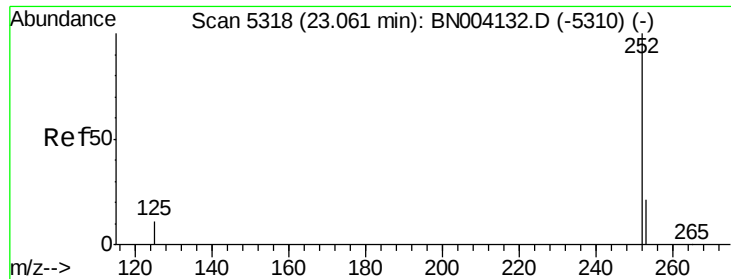


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.355 ng/u1

RT: 23.39 min Scan# 5432

Delta R.T. 0.33 min

Lab File: BN004135.D

Acq: 20 Dec 2018 03:50

Instrument :

BNA_N

ClientSampleId :

F9F25

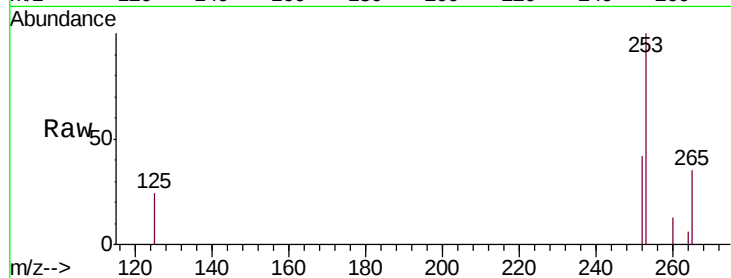
Tgt Ion:252 Resp: 1355

Ion Ratio Lower Upper

252 100

253 239.4 18.5 27.7#

125 57.5 9.0 13.6#

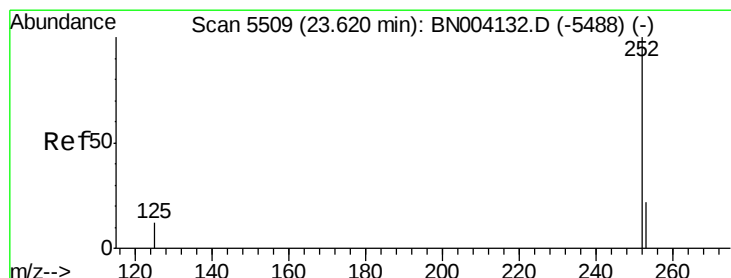
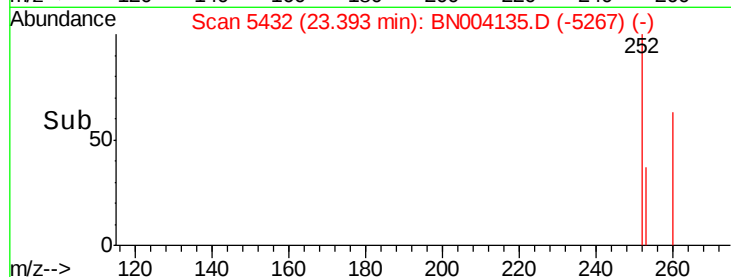
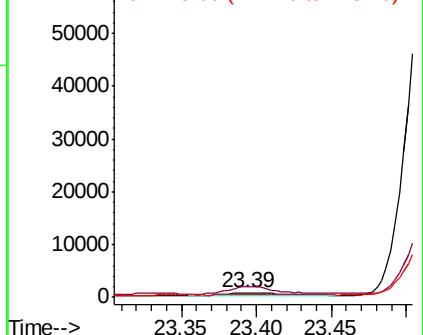


Abundance

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: 0.291 ng/u1

RT: 23.84 min Scan# 5585

Delta R.T. 0.22 min

Lab File: BN004135.D

Acq: 20 Dec 2018 03:50

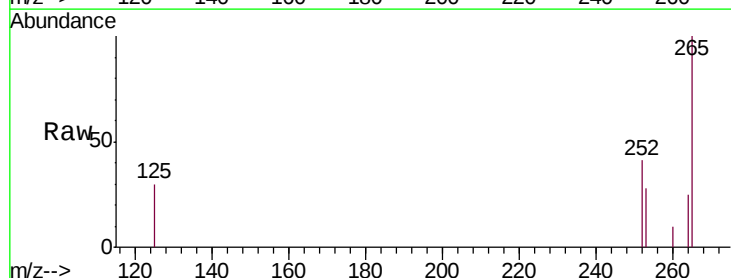
Tgt Ion:252 Resp: 988

Ion Ratio Lower Upper

252 100

253 69.5 19.0 28.4#

125 74.4 10.2 15.4#

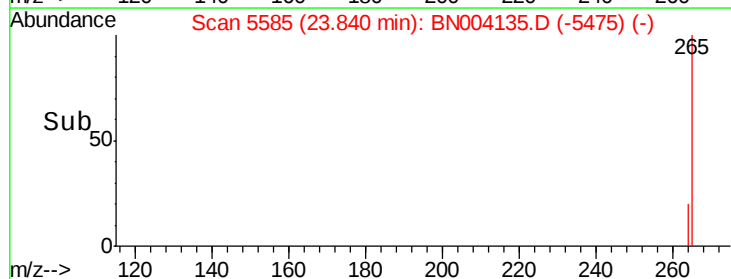
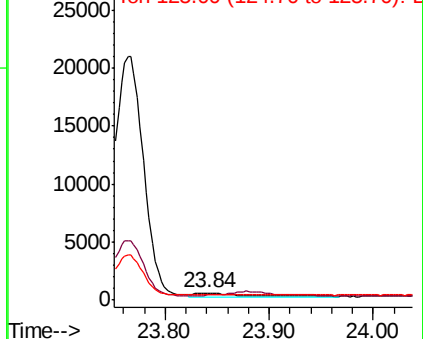


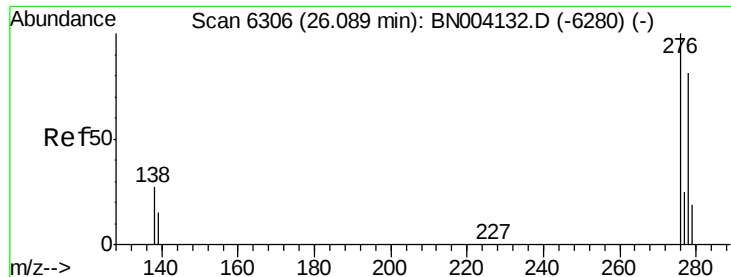
Abundance

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: 1.045 ng/u1

RT: 26.35 min Scan# 6383

Delta R.T. 0.26 min

Lab File: BN004135.D

Acq: 20 Dec 2018 03:50

Instrument :

BNA_N

ClientSampleId :

F9F25

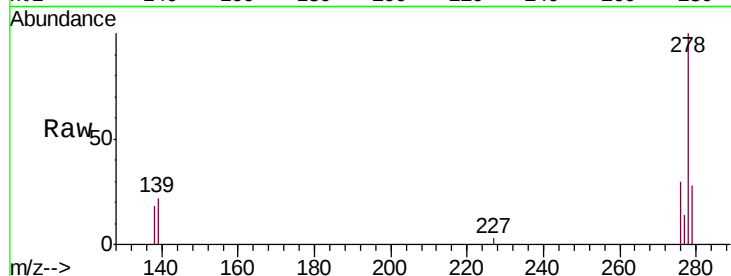
Tgt Ion:276 Resp: 4068

Ion Ratio Lower Upper

276 100

138 55.9 20.3 30.5#

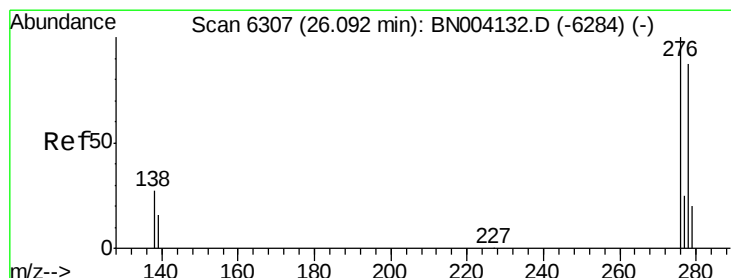
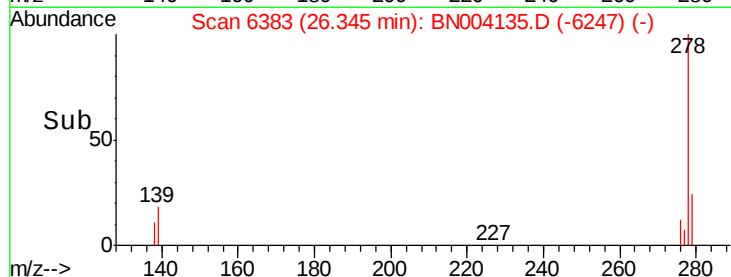
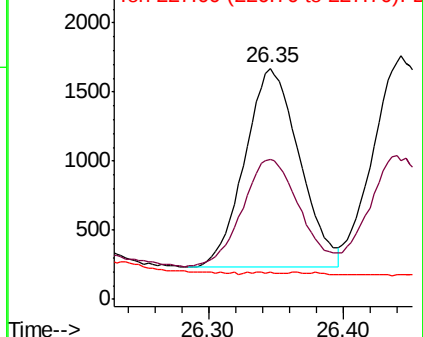
227 0.3 0.2 0.2#



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: 6.390 ng/u1

RT: 26.44 min Scan# 6412

Delta R.T. 0.35 min

Lab File: BN004135.D

Acq: 20 Dec 2018 03:50

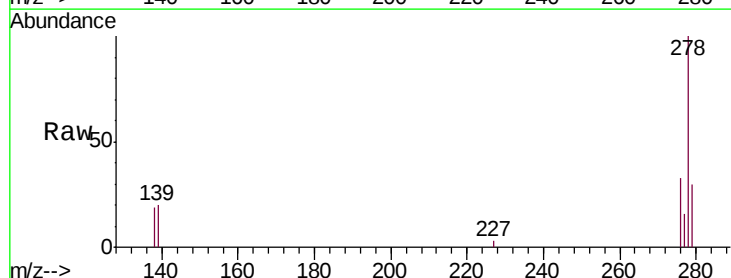
Tgt Ion:278 Resp: 20027

Ion Ratio Lower Upper

278 100

139 20.2 14.2 21.4

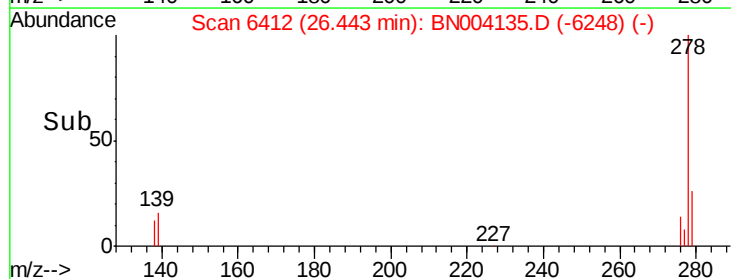
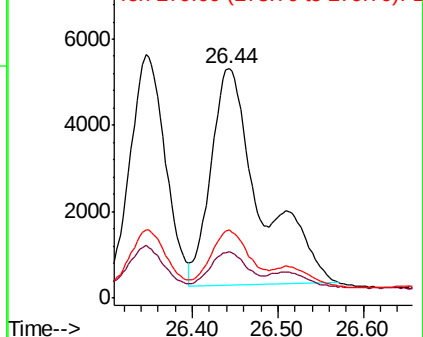
279 29.5 19.8 29.6

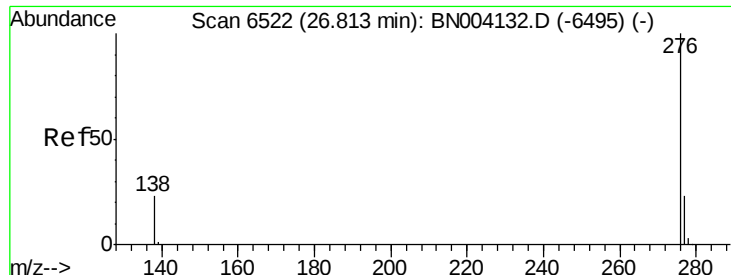


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.559 ng/ul

RT: 27.04 min Scan# 6589

Delta R.T. 0.22 min

Lab File: BN004135.D

Acq: 20 Dec 2018 03:50

Instrument :

BNA_N

ClientSampleId :

F9F25

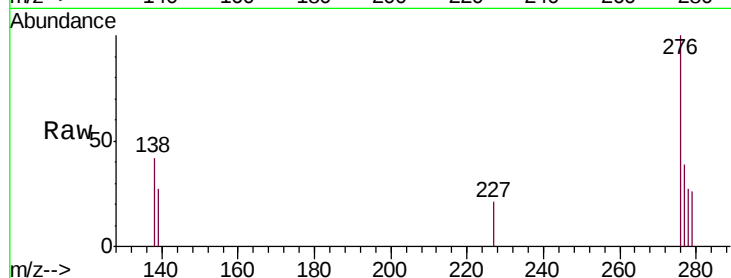
Tgt Ion: 276 Resp: 1892

Ion Ratio Lower Upper

276 100

138 42.0 17.7 26.5#

277 38.6 19.3 28.9#



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

