

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
 Data File : BN008920.D
 Acq On : 11 Dec 2019 16:59
 Operator : JU
 Sample : K6088-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 12 00:22:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 11 10:35:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2058	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	8970	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	5881	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	13481	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	12434	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	13863	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2654	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	8599	0.21	ng/ul	0.00

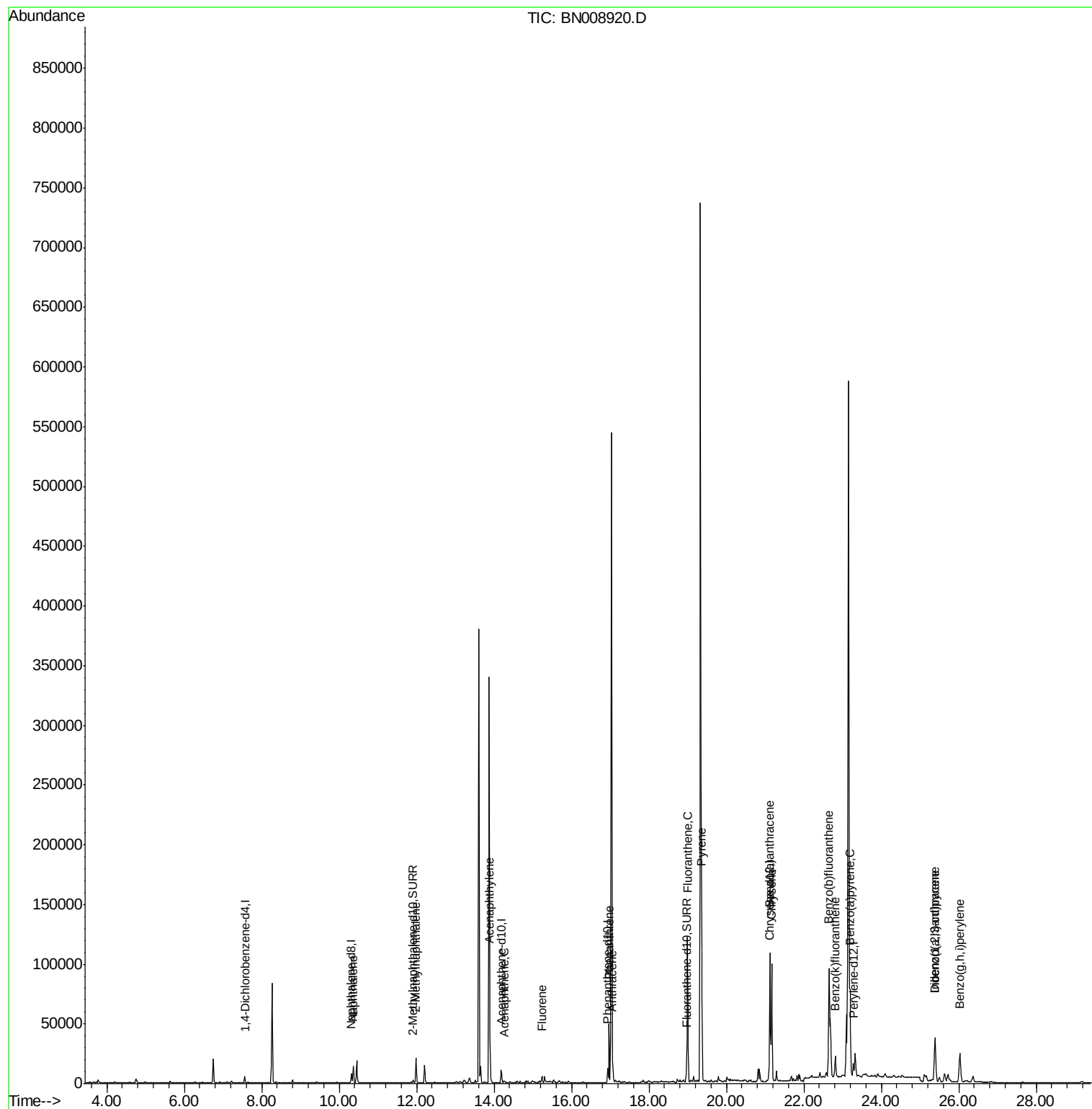
Target Compounds						Ovalue
3) Naphthalene	10.36	128	18245	0.675	ng/ul	100
5) 2-Methylnaphthalene	11.98	142	14751	0.781	ng/ul	100
7) Acenaphthylene	13.90	152	12994	0.400	ng/ul	98
8) Acenaphthene	14.25	153	931	0.039	ng/ul	95
9) Fluorene	15.24	166	2095	0.074	ng/ul#	86
12) Phenanthrene	16.97	178	50218	1.105	ng/ul	99
13) Anthracene	17.06	178	14504	0.338	ng/ul	98
15) Fluoranthene	19.00	202	98172	1.758	ng/ul	99
17) Pyrene	19.36	202	94980	1.904	ng/ul	99
18) Benzo(a)anthracene	21.12	228	84967	1.699	ng/ul	96
19) Chrysene	21.17	228	95909	1.953	ng/ul	98
21) Benzo(b)fluoranthene	22.65	252	188447	3.297	ng/ul	96
22) Benzo(k)fluoranthene	22.81	252	22182	0.391	ng/ul	92
23) Benzo(a)pyrene	23.19	252	85841	1.600	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.39	276	52882	0.843	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.39	278	14239	0.281	ng/ul	93
26) Benzo(a,h,i)perylene	26.03	276	45011	0.857	ng/ul	97

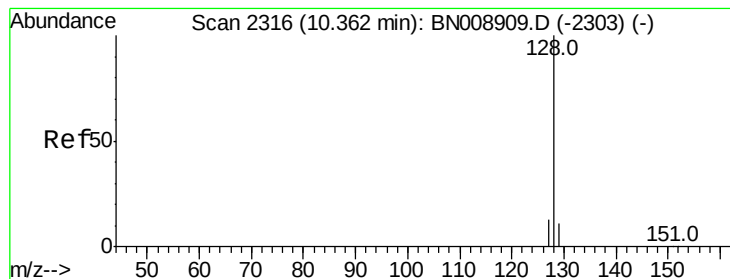
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008920.D
Acq On : 11 Dec 2019 16:59
Operator : JU
Sample : K6088-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 12 00:22:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 11 10:35:08 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.675 ng/ul

RT: 10.36 min Scan# 2316

Delta R.T. -0.00 min

Lab File: BN008920.D

Acq: 11 Dec 2019 16:59

Instrument :

BNA_N

ClientSampled :

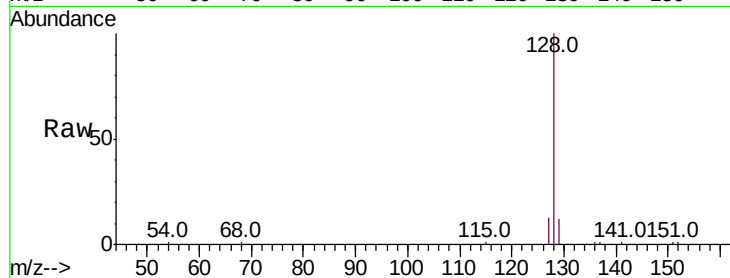
Tot Ion:128 Resp: 18245

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

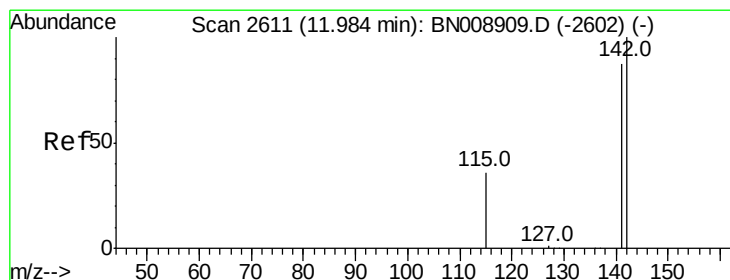
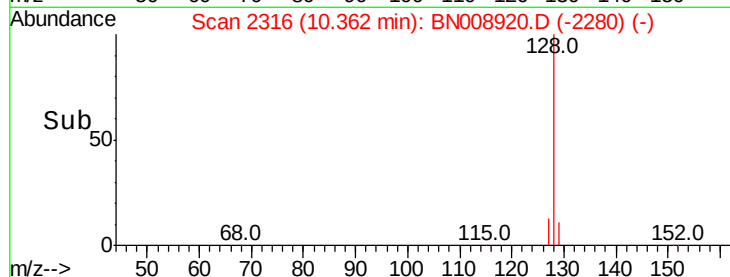
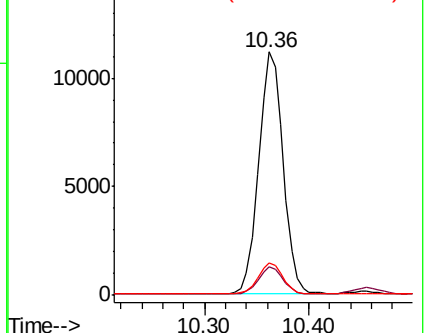
127 13.3 10.7 16.1



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: 0.781 ng/ul

RT: 11.98 min Scan# 2611

Delta R.T. -0.00 min

Lab File: BN008920.D

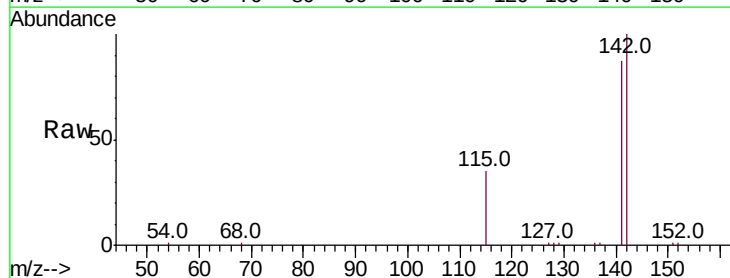
Acq: 11 Dec 2019 16:59

Tgt Ion:142 Resp: 14751

Ion Ratio Lower Upper

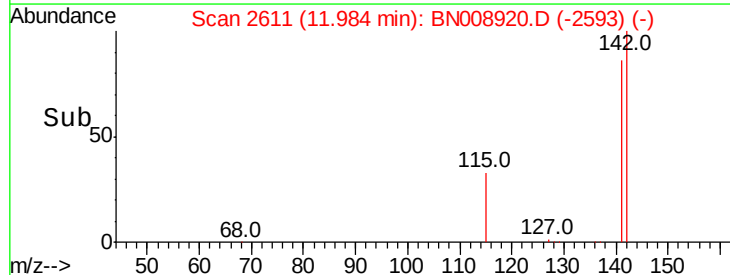
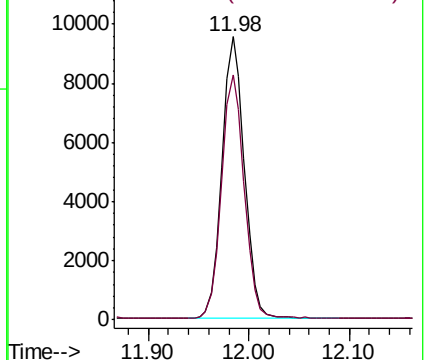
142 100

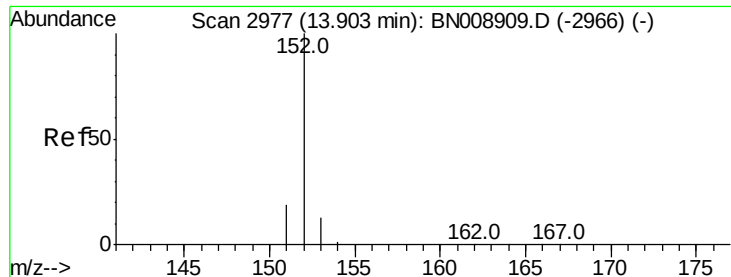
141 87.6 70.1 105.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.400 ng/ul

RT: 13.90 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BN008920.D

Acq: 11 Dec 2019 16:59

Instrument :

BNA_N

ClientSampleId :

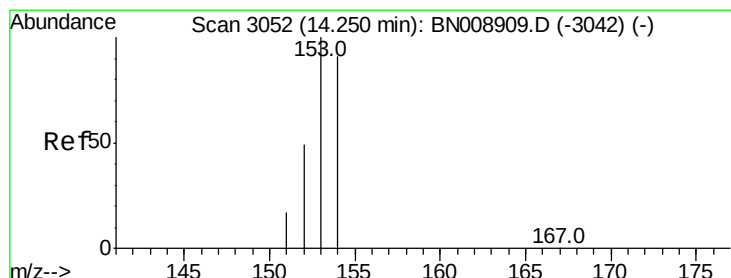
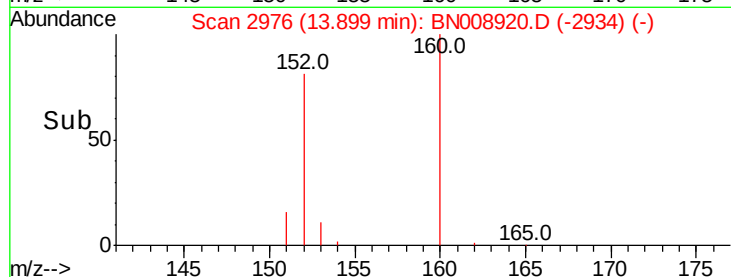
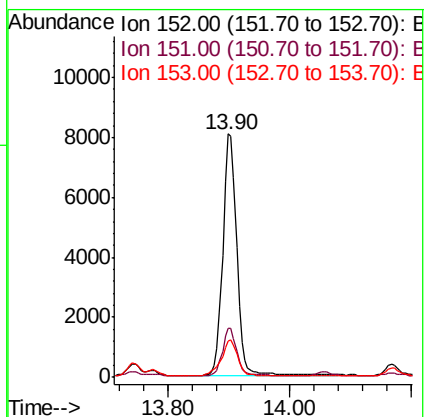
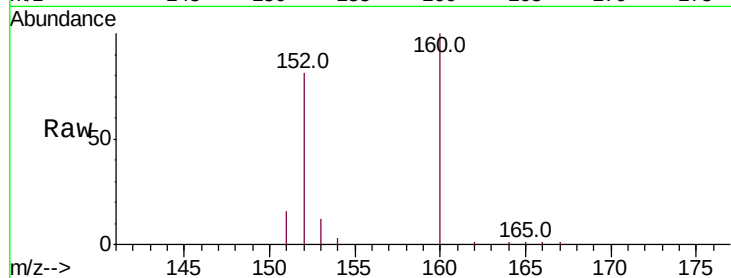
Tot Ion:152 Resp: 12994

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

153 14.8 10.6 15.8



#8

Acenaphthene

Concen: 0.039 ng/ul

RT: 14.25 min Scan# 3052

Delta R.T. 0.00 min

Lab File: BN008920.D

Acq: 11 Dec 2019 16:59

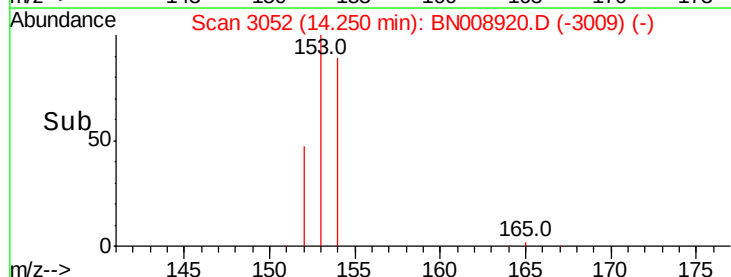
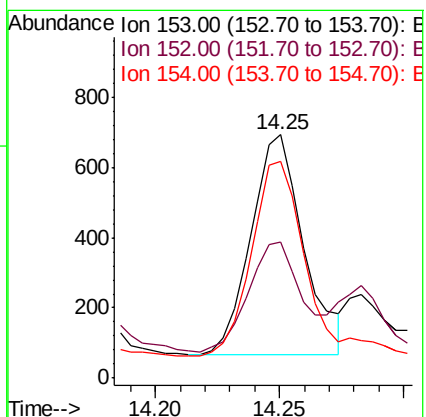
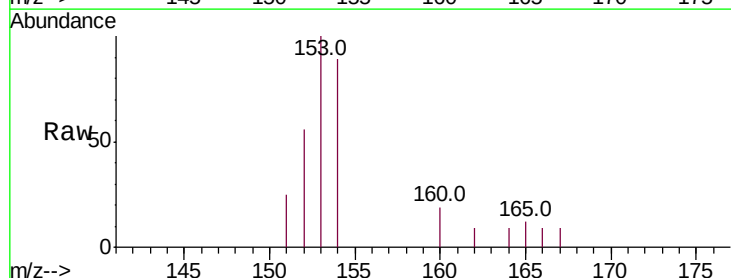
Tgt Ion:153 Resp: 931

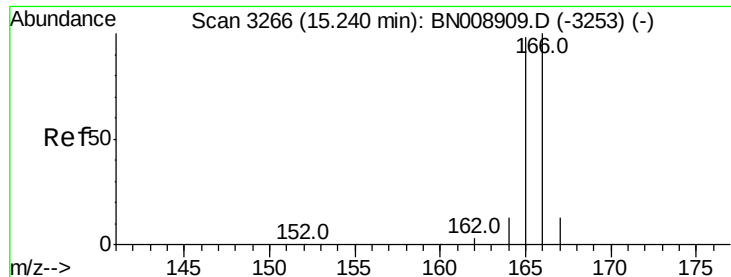
Ion Ratio Lower Upper

153 100

152 55.8 38.6 58.0

154 89.2 70.6 105.8





#9

Fluorene

Concen: 0.074 ng/ul

RT: 15.24 min Scan# 3266

Delta R.T. 0.00 min

Lab File: BN008920.D

Acq: 11 Dec 2019 16:59

Instrument :

BNA_N

ClientSampleId :

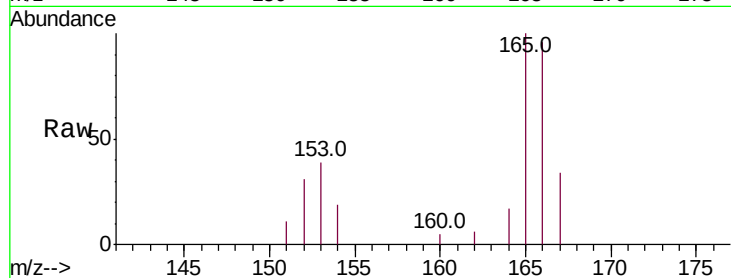
Tot Ion:166 Resp: 2095

Ion Ratio Lower Upper

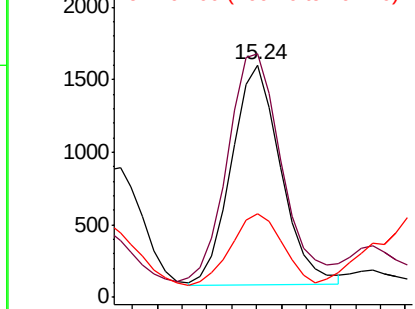
166 100

165 104.7 77.7 116.5

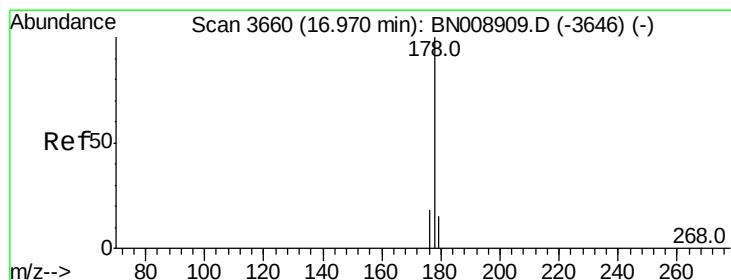
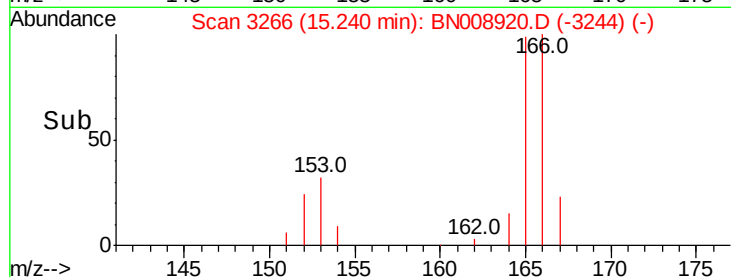
167 36.1 11.1 16.7#



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



Time-->



#12

Phenanthrene

Concen: 1.105 ng/ul

RT: 16.97 min Scan# 3660

Delta R.T. 0.00 min

Lab File: BN008920.D

Acq: 11 Dec 2019 16:59

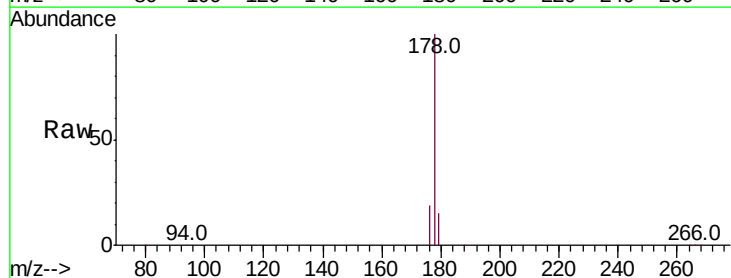
Tgt Ion:178 Resp: 50218

Ion Ratio Lower Upper

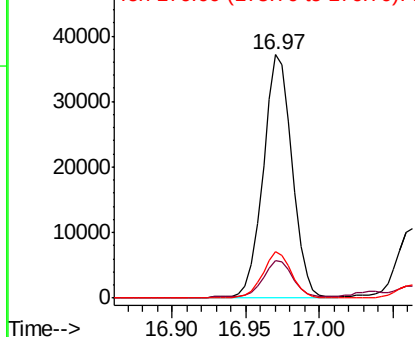
178 100

179 15.3 12.6 18.8

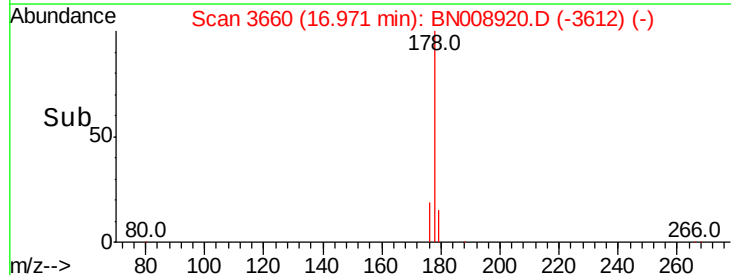
176 18.8 15.3 22.9

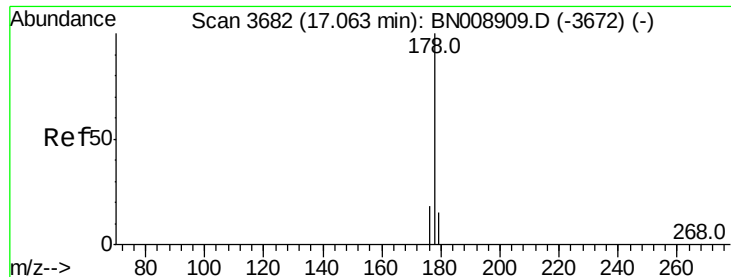


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#13

Anthracene

Concen: 0.338 ng/ul

RT: 17.06 min Scan# 3682

Delta R.T. 0.00 min

Lab File: BN008920.D

Acq: 11 Dec 2019 16:59

Instrument :

BNA_N

ClientSampleId :

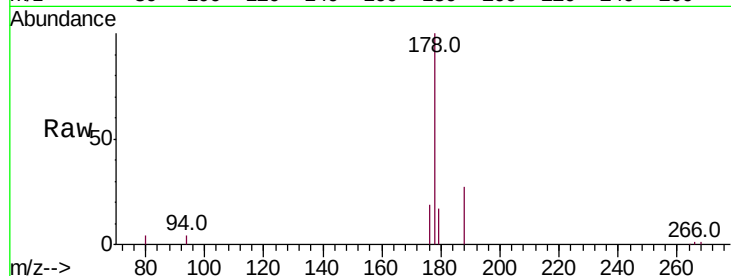
Tot Ion:178 Resp: 14504

Ion Ratio Lower Upper

178 100

179 17.2 12.2 18.4

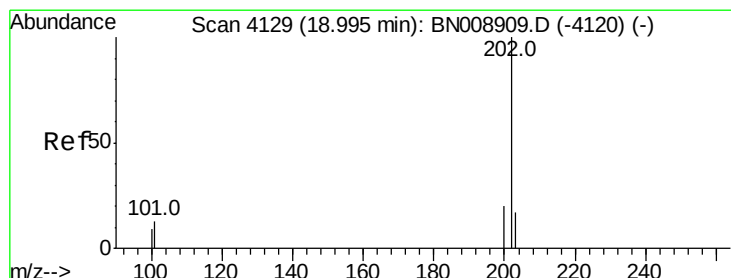
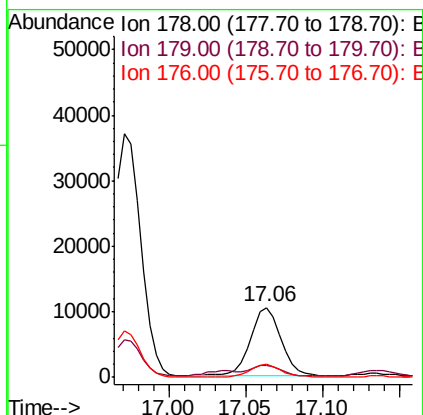
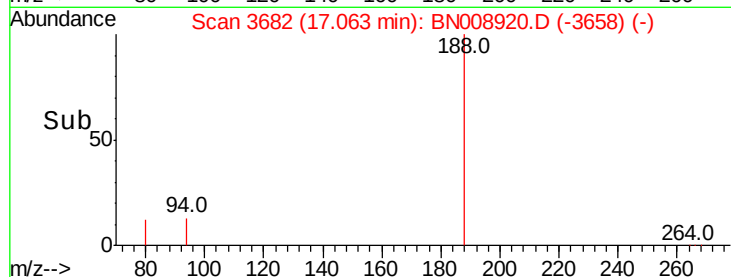
176 18.5 14.7 22.1



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: 1.758 ng/ul

RT: 19.00 min Scan# 4129

Delta R.T. 0.00 min

Lab File: BN008920.D

Acq: 11 Dec 2019 16:59

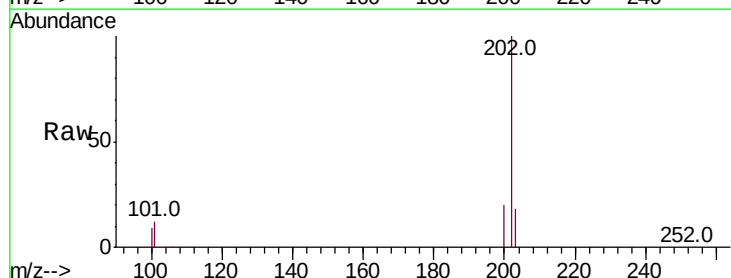
Tgt Ion:202 Resp: 98172

Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.4

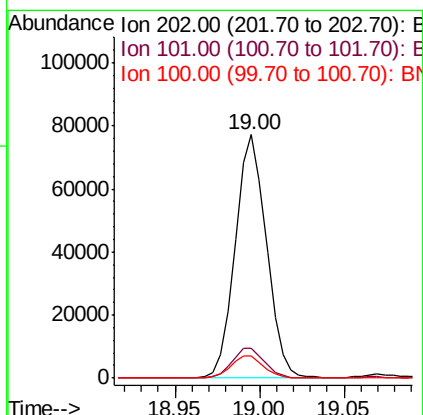
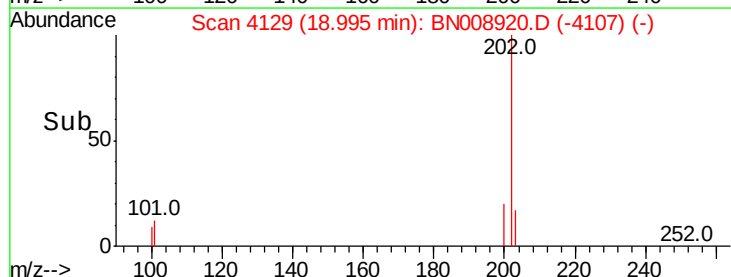
100 9.0 0.0 29.2

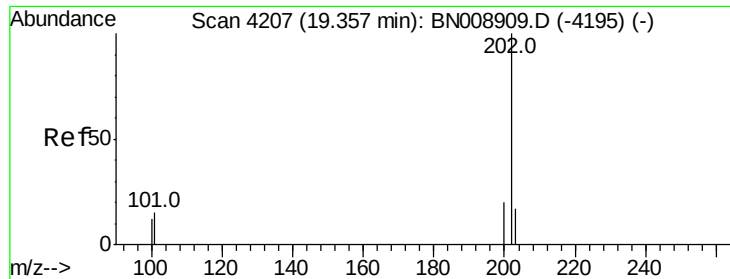


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

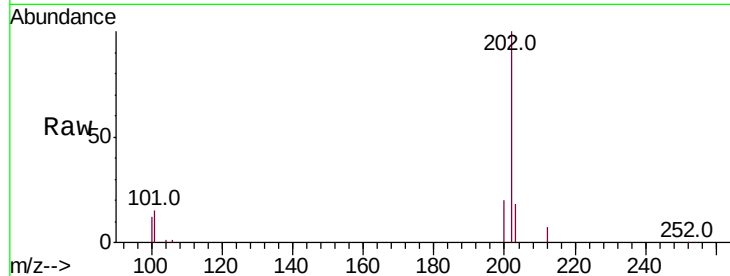




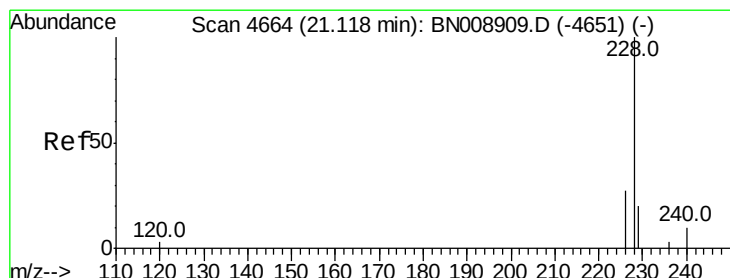
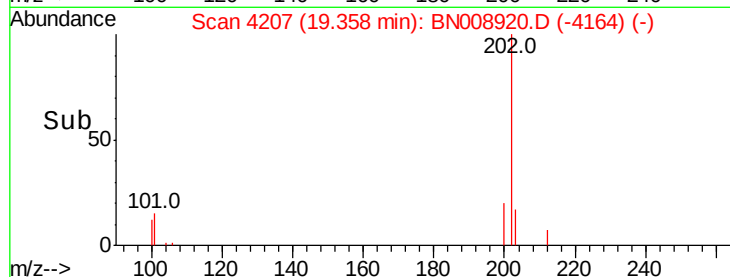
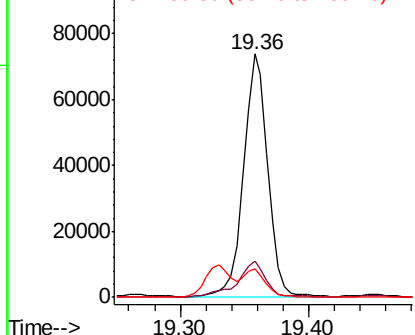
#17
Pvrene
Concen: 1.904 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 94980
Ion Ratio Lower Upper
202 100
101 14.8 12.2 18.4
100 11.9 9.5 14.3

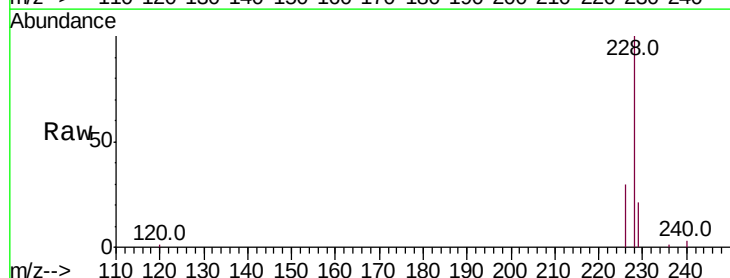


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

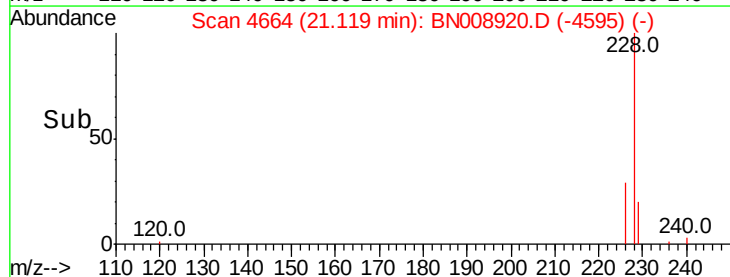
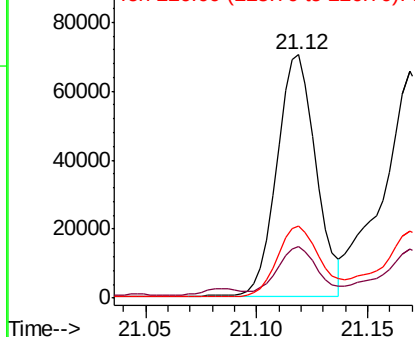


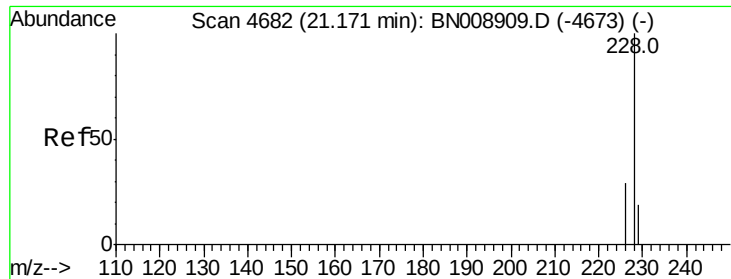
#18
Benzo(a)anthracene
Concen: 1.699 ng/ul
RT: 21.12 min Scan# 4664
Delta R.T. 0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:228 Resp: 84967
Ion Ratio Lower Upper
228 100
229 21.2 15.7 23.5
226 29.5 21.5 32.3



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: 1.953 ng/ul

RT: 21.17 min Scan# 4681

Delta R.T. -0.00 min

Lab File: BN008920.D

Acq: 11 Dec 2019 16:59

Instrument :

BNA_N

ClientSampleId :

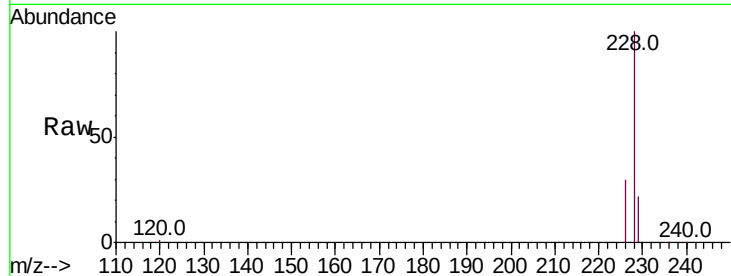
Tot Ion:228 Resp: 95909

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

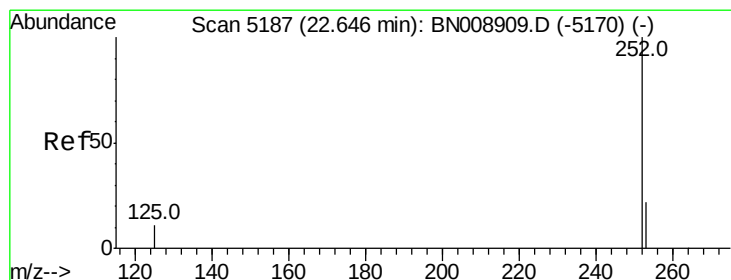
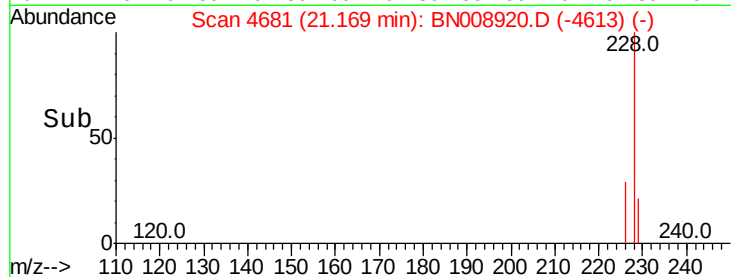
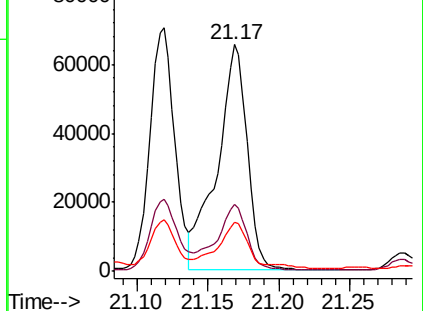
229 21.7 15.6 23.4



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: 3.297 ng/ul

RT: 22.65 min Scan# 5187

Delta R.T. 0.00 min

Lab File: BN008920.D

Acq: 11 Dec 2019 16:59

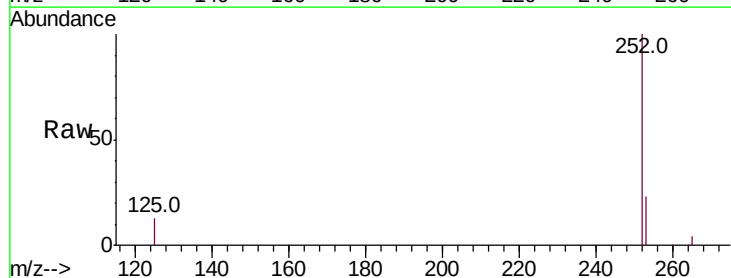
Tgt Ion:252 Resp: 188447

Ion Ratio Lower Upper

252 100

253 23.1 0.0 48.6

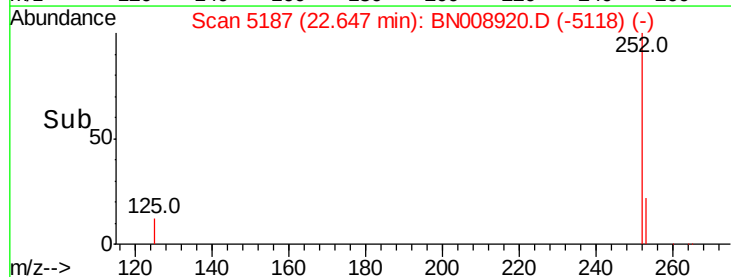
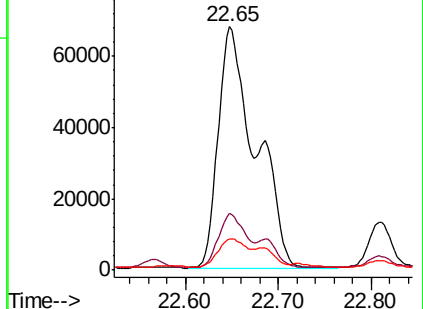
125 13.0 0.0 31.6

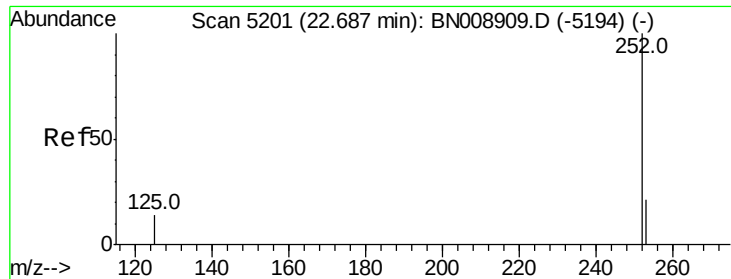


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.391 ng/ul

RT: 22.81 min Scan# 5242

Delta R.T. 0.12 min

Lab File: BN008920.D

Acq: 11 Dec 2019 16:59

Instrument :

BNA_N

ClientSampleId :

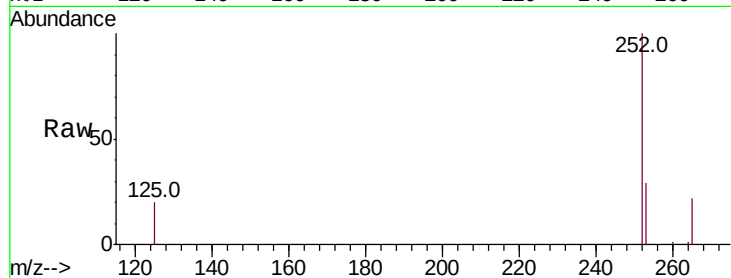
Tot Ion:252 Resp: 22182

Ion Ratio Lower Upper

252 100

253 28.8 19.6 29.4

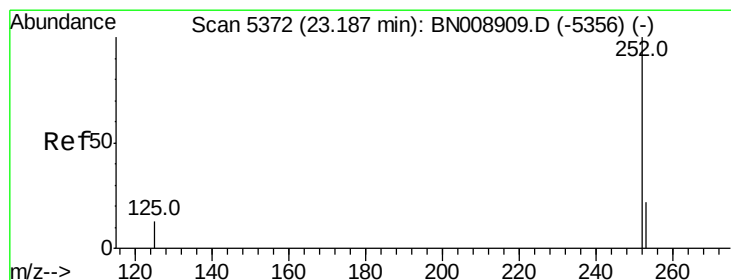
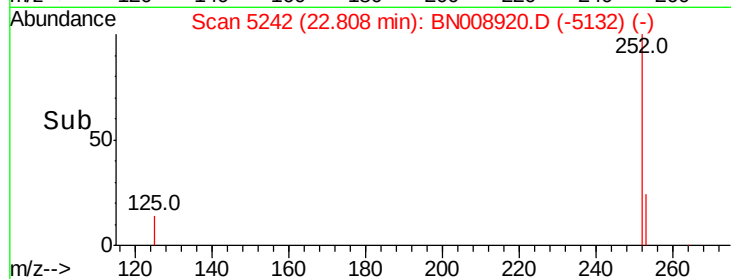
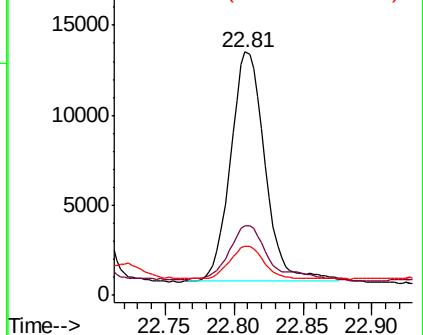
125 20.2 13.8 20.6



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: 1.600 ng/ul

RT: 23.19 min Scan# 5372

Delta R.T. 0.00 min

Lab File: BN008920.D

Acq: 11 Dec 2019 16:59

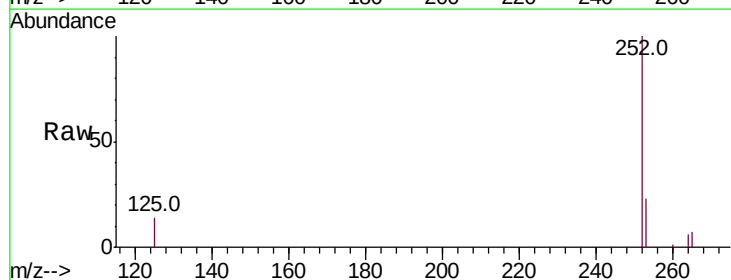
Tgt Ion:252 Resp: 85841

Ion Ratio Lower Upper

252 100

253 23.1 19.9 29.9

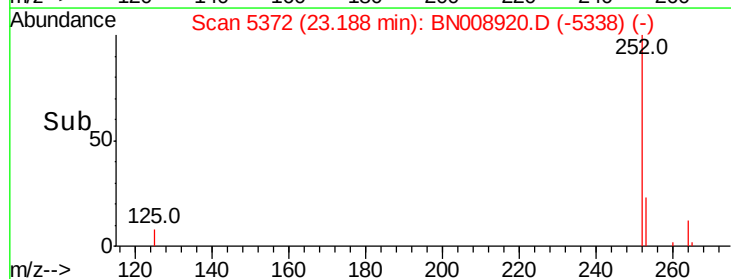
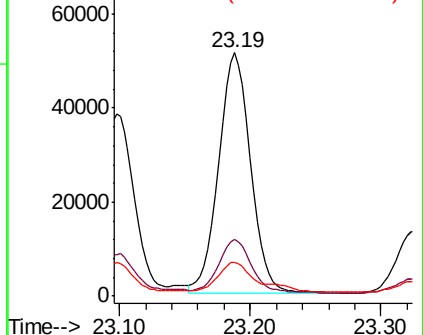
125 13.7 14.6 22.0#

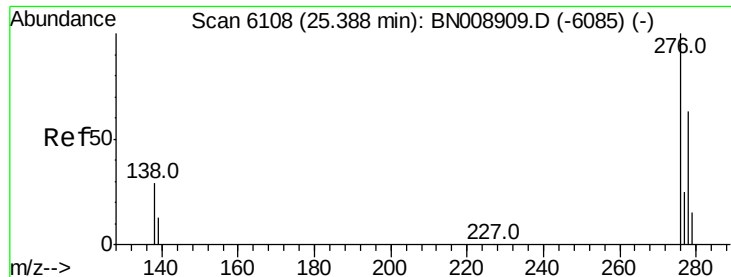


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



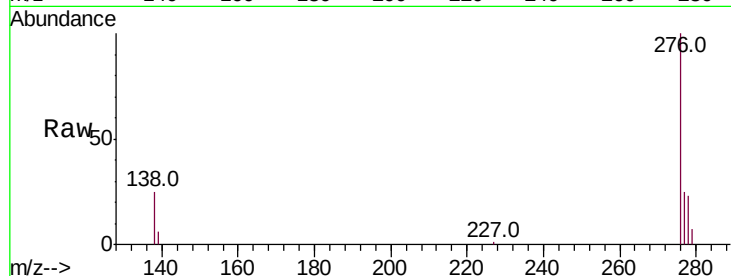


#24

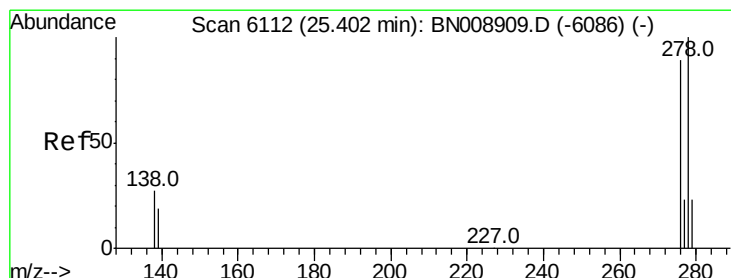
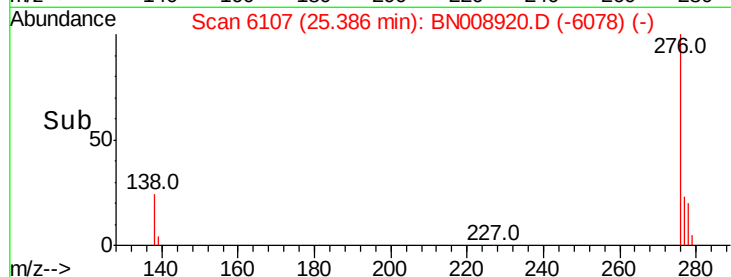
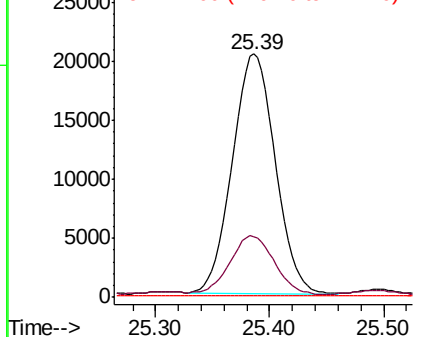
Indeno(1,2,3-cd)pyrene
Concen: 0.843 ng/ul
RT: 25.39 min Scan# 6107
Delta R.T. -0.00 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 52882
Ion Ratio Lower Upper
276 100
138 24.9 23.8 35.6
227 0.4 0.2 0.2#



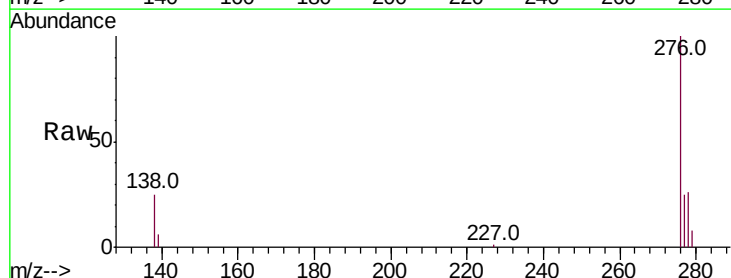
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



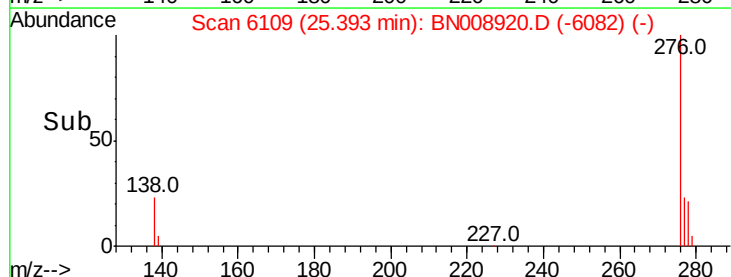
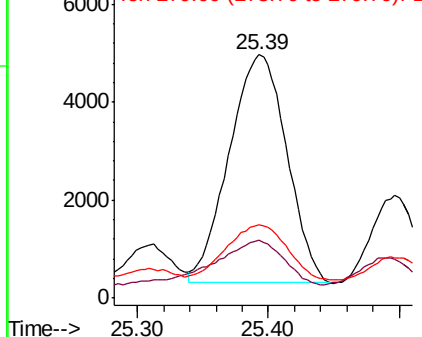
#25

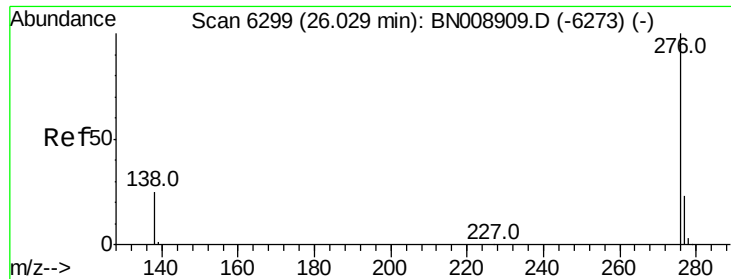
Dibenzo(a,h)anthracene
Concen: 0.281 ng/ul
RT: 25.39 min Scan# 6109
Delta R.T. -0.01 min
Lab File: BN008920.D
Acq: 11 Dec 2019 16:59

Tgt Ion:278 Resp: 14239
Ion Ratio Lower Upper
278 100
139 23.9 17.4 26.0
279 30.2 20.5 30.7



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(a,h,i)perylene

Concen: 0.857 ng/ul

RT: 26.03 min Scan# 6298

Delta R.T. -0.00 min

Lab File: BN008920.D

Acq: 11 Dec 2019 16:59

Instrument :

BNA_N

ClientSampleId :

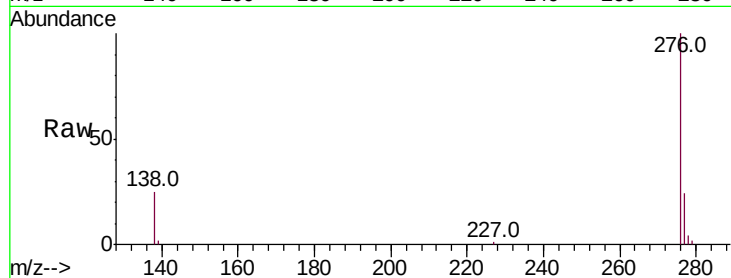
Tot Ion:276 Resp: 45011

Ion Ratio Lower Upper

276 100

138 25.0 21.9 32.9

277 24.1 19.9 29.9



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

