

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101619\
 Data File : BN008196.D
 Acq On : 16 Oct 2019 13:41
 Operator : JU
 Sample : K5175-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 16 18:06:25 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Oct 16 17:43:36 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2731	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13573	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8732	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	19504m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	17959	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	14940	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.97	152	5434	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	16787	0.25	ng/ul	0.00

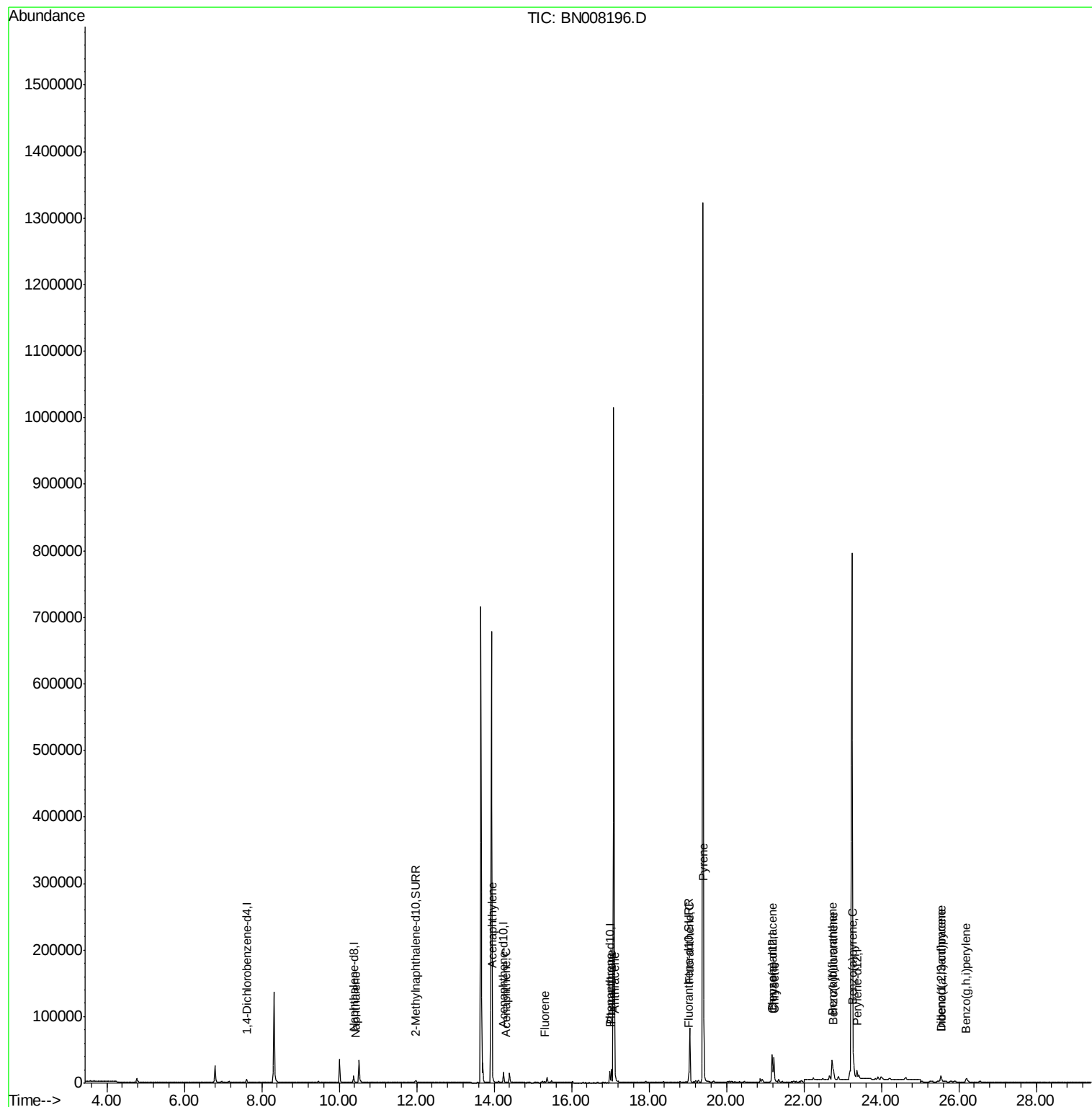
Target Compounds

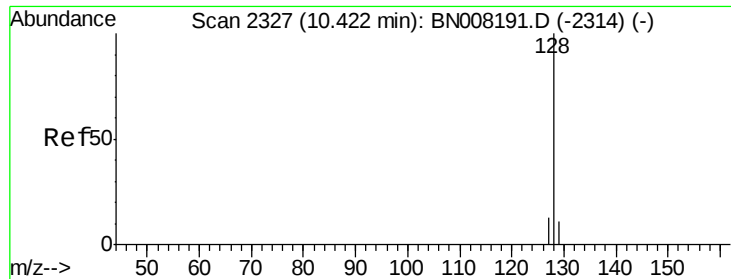
					Ovalue
3) Naphthalene	10.42	128	947	0.025	ng/ul# 78
7) Acenaphthylene	13.96	152	2284	0.055	ng/ul# 91
8) Acenaphthene	14.31	153	759	0.023	ng/ul 96
9) Fluorene	15.30	166	891	0.024	ng/ul# 90
12) Phenanthrene	17.03	178	21358	0.374	ng/ul 100
13) Anthracene	17.12	178	7806	0.155	ng/ul 98
15) Fluoranthene	19.06	202	69852	0.926	ng/ul 99
17) Pyrene	19.42	202	63399	0.887	ng/ul 98
18) Benzo(a)anthracene	21.17	228	33569	0.514	ng/ul 96
19) Chrysene	21.23	228	39116	0.488	ng/ul 98
21) Benzo(b)fluoranthene	22.73	252	42189m	0.867	ng/ul
22) Benzo(k)fluoranthene	22.76	252	14417m	0.262	ng/ul
23) Benzo(a)pyrene	23.28	252	26504	0.518	ng/ul# 90
24) Indeno(1,2,3-cd)pyrene	25.54	276	15710	0.261	ng/ul# 98
25) Dibenzo(a,h)anthracene	25.54	278	3368	0.071	ng/ul# 65
26) Benzo(a,h,i)perylene	26.20	276	12676	0.229	ng/ul 95

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101619\
Data File : BN008196.D
Acq On : 16 Oct 2019 13:41
Operator : JU
Sample : K5175-19
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 16 18:06:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 16 17:43:36 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.025 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BN008196.D

Acq: 16 Oct 2019 13:41

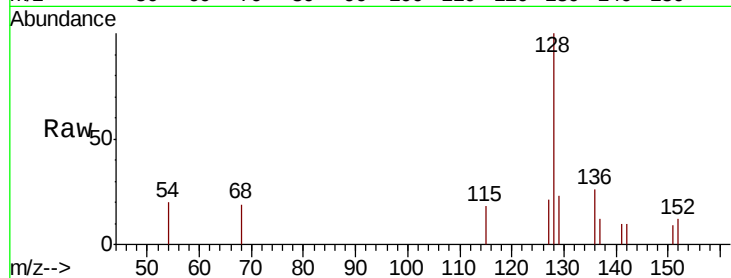
Tot Ion:128 Resp: 947

Ion Ratio Lower Upper

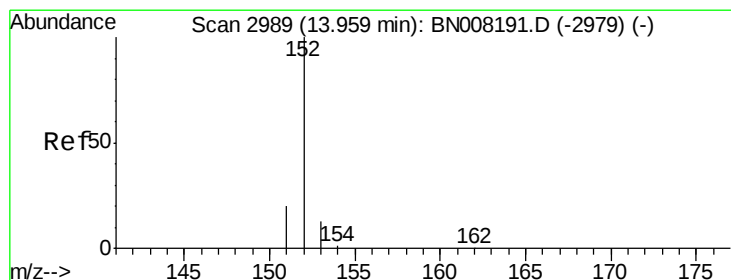
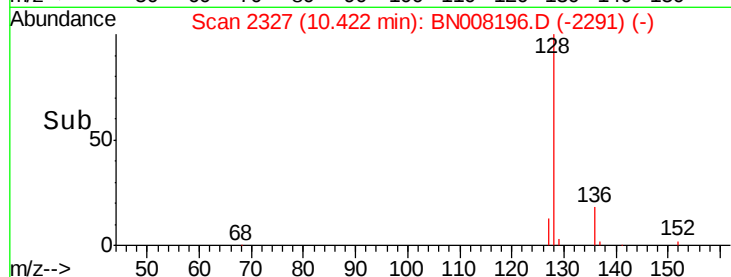
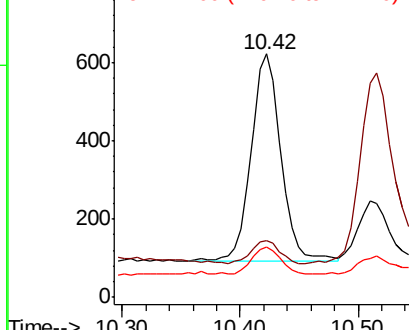
128 100

129 23.2 9.8 14.8#

127 20.7 11.1 16.7#



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



#7

Acenaphthylene

Concen: 0.055 ng/ul

RT: 13.96 min Scan# 2989

Delta R.T. -0.00 min

Lab File: BN008196.D

Acq: 16 Oct 2019 13:41

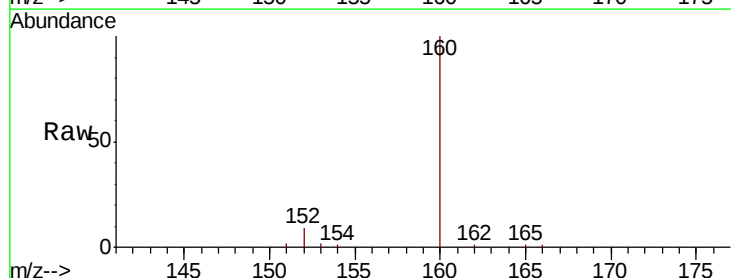
Tgt Ion:152 Resp: 2284

Ion Ratio Lower Upper

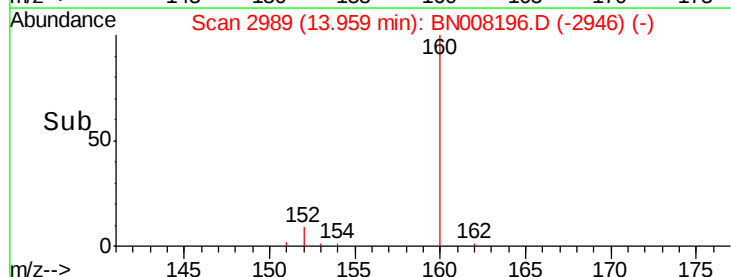
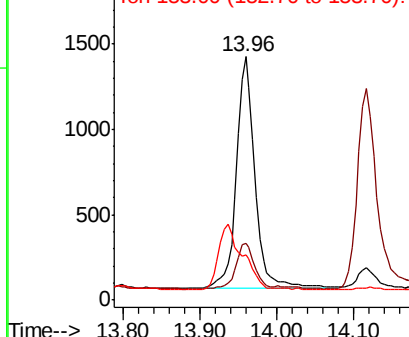
152 100

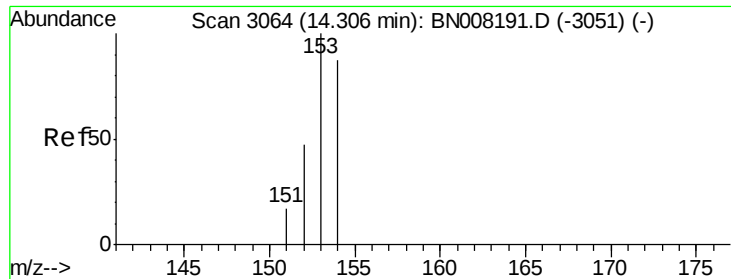
151 23.4 16.2 24.4

153 18.6 11.0 16.4#



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: 0.023 ng/ul

RT: 14.31 min Scan# 3064

Delta R.T. -0.00 min

Lab File: BN008196.D

Acq: 16 Oct 2019 13:41

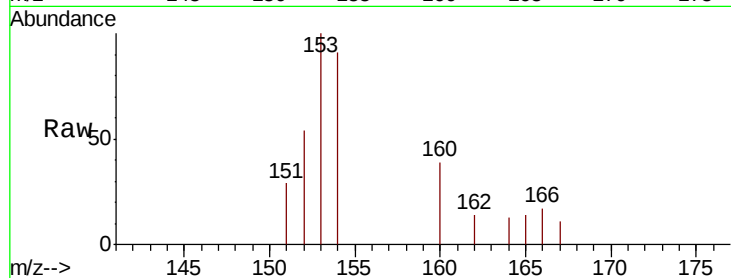
Tot Ion:153 Resp: 759

Ion Ratio Lower Upper

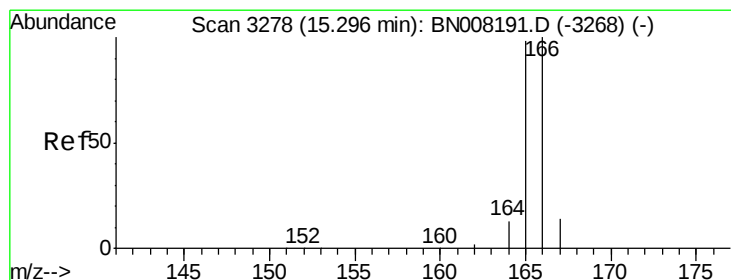
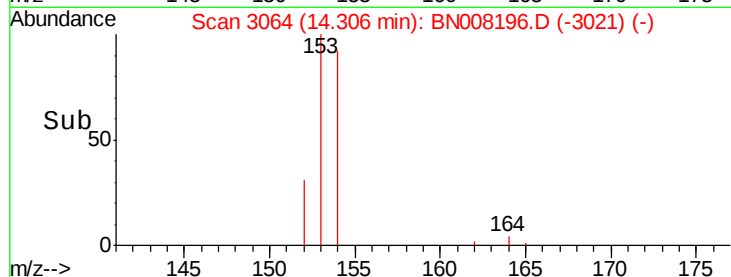
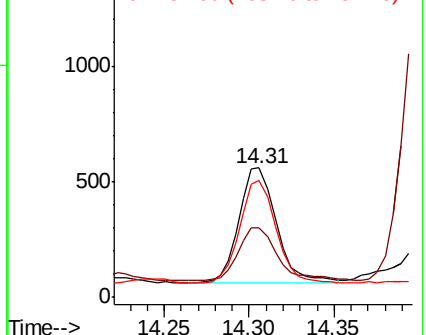
153 100

152 54.1 38.2 57.2

154 90.9 71.8 107.8



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: 0.024 ng/ul

RT: 15.30 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BN008196.D

Acq: 16 Oct 2019 13:41

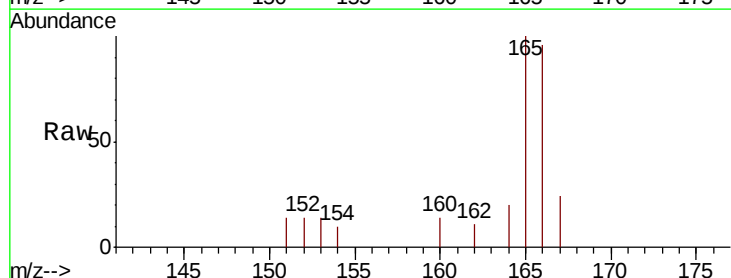
Tgt Ion:166 Resp: 891

Ion Ratio Lower Upper

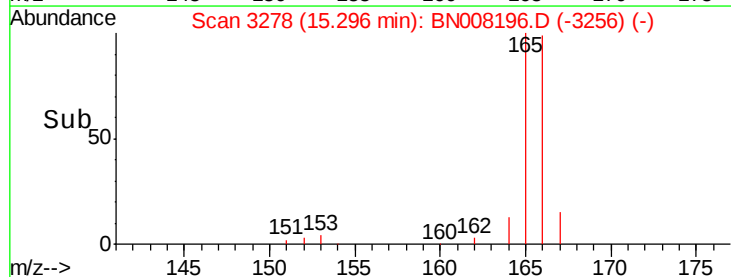
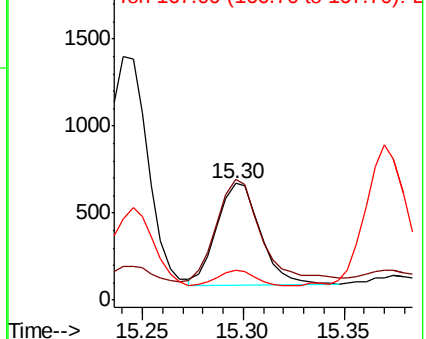
166 100

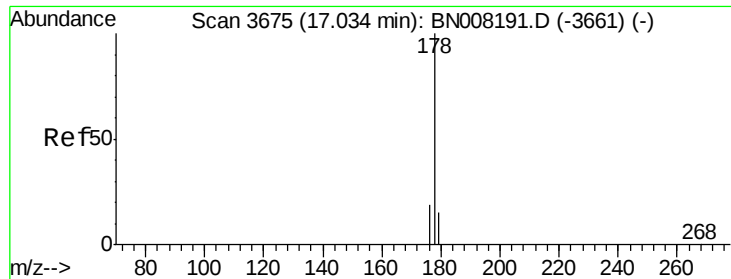
165 103.7 76.6 115.0

167 25.1 11.7 17.5#



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





#12

Phenanthrene

Concen: 0.374 ng/ul

RT: 17.03 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BN008196.D

Acq: 16 Oct 2019 13:41

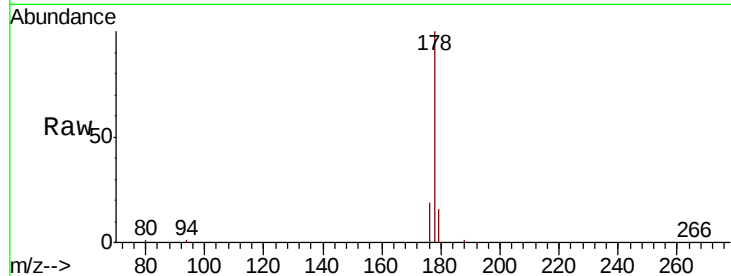
Tot Ion:178 Resp: 21358

Ion Ratio Lower Upper

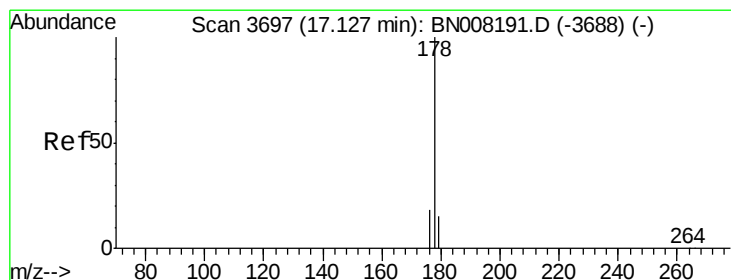
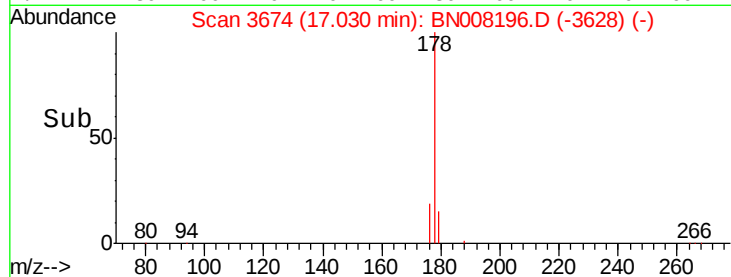
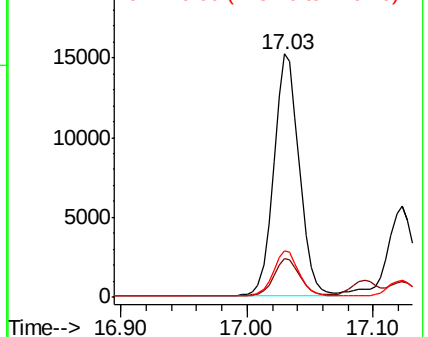
178 100

179 15.9 12.8 19.2

176 19.2 15.4 23.2



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



#13

Anthracene

Concen: 0.155 ng/ul

RT: 17.12 min Scan# 3696

Delta R.T. -0.00 min

Lab File: BN008196.D

Acq: 16 Oct 2019 13:41

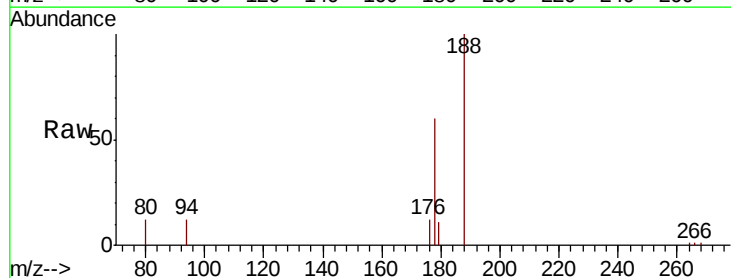
Tgt Ion:178 Resp: 7806

Ion Ratio Lower Upper

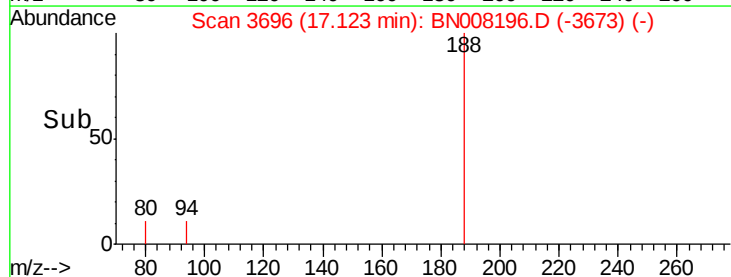
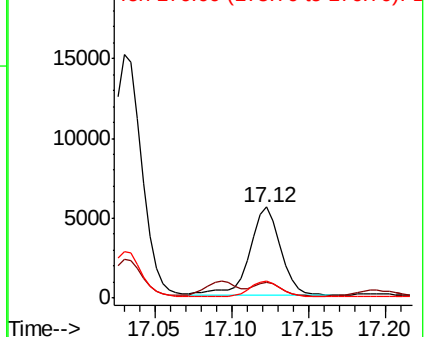
178 100

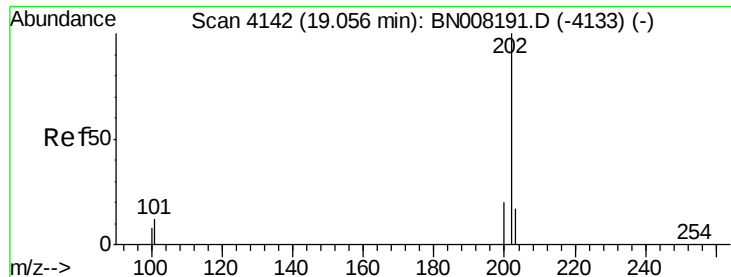
179 17.8 13.0 19.6

176 19.4 15.0 22.6



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: 0.926 ng/ul

RT: 19.06 min Scan# 4142

Delta R.T. -0.00 min

Lab File: BN008196.D

Acq: 16 Oct 2019 13:41

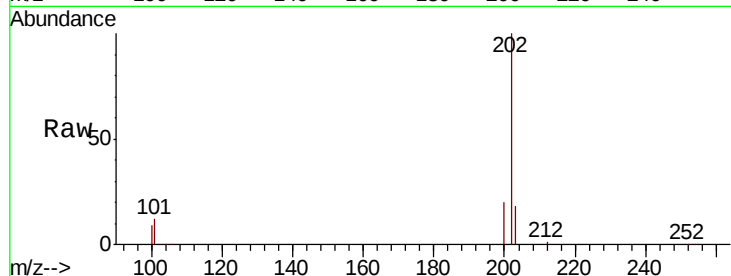
Tot Ion:202 Resp: 69852

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.2

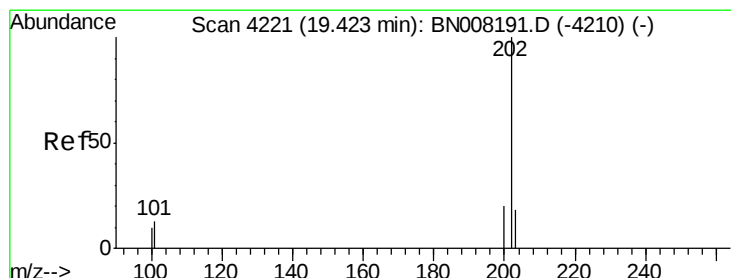
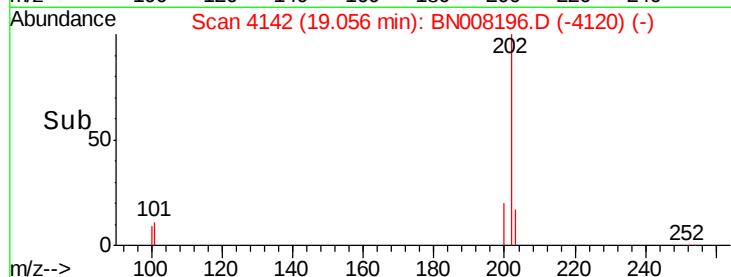
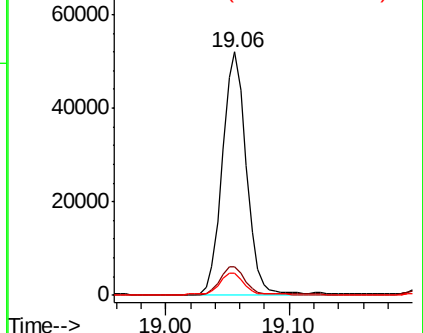
100 8.9 0.0 28.5



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: 0.887 ng/ul

RT: 19.42 min Scan# 4220

Delta R.T. -0.00 min

Lab File: BN008196.D

Acq: 16 Oct 2019 13:41

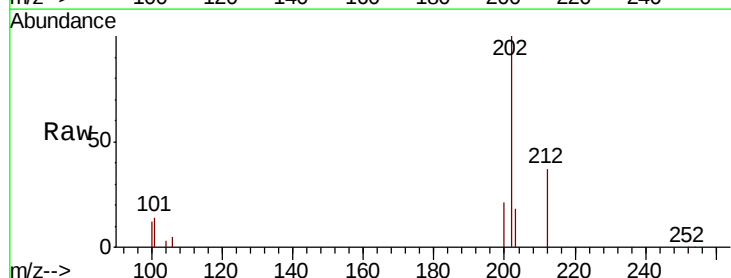
Tgt Ion:202 Resp: 63399

Ion Ratio Lower Upper

202 100

101 14.3 10.9 16.3

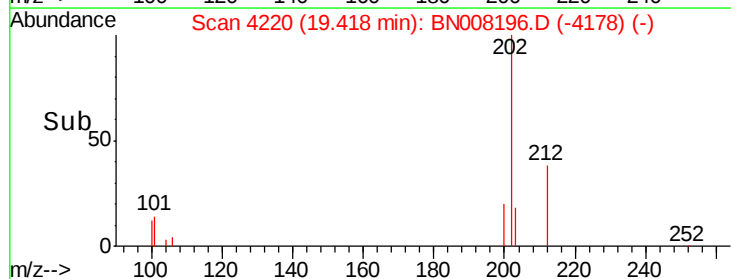
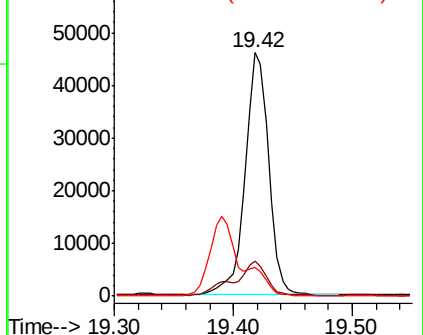
100 11.9 8.7 13.1

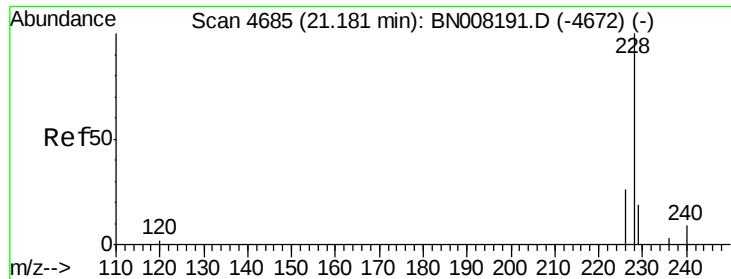


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

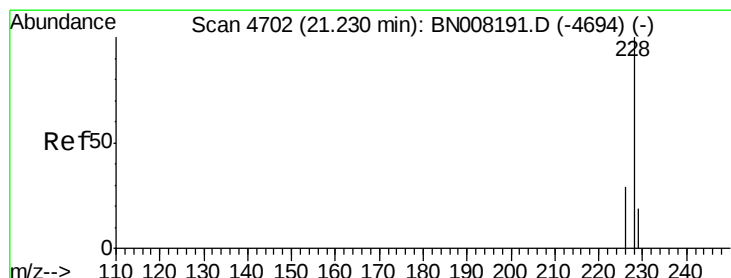
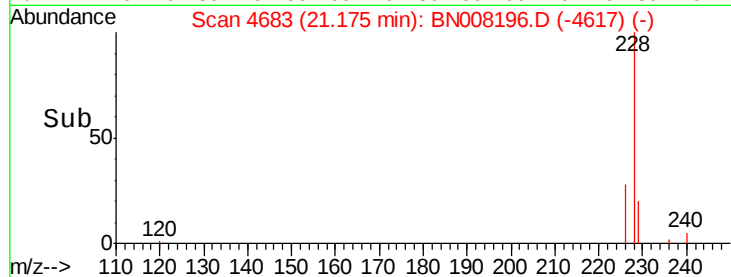
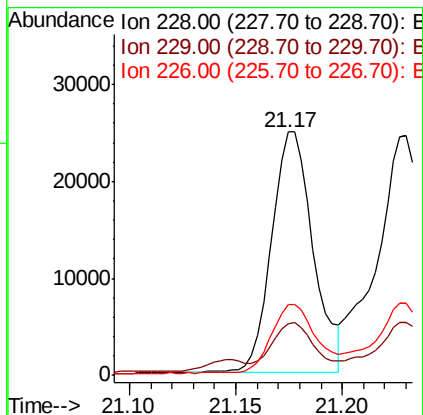
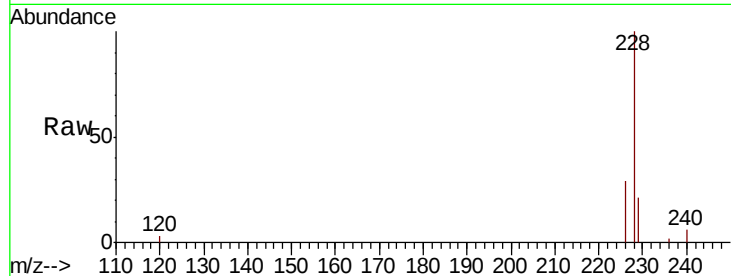
Ion 100.00 (99.70 to 100.70): B





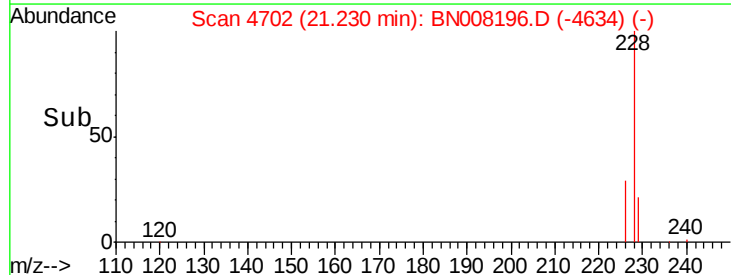
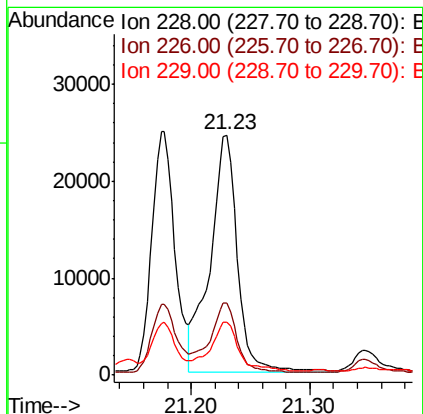
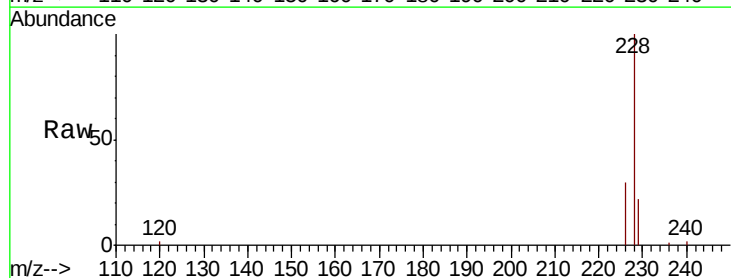
#18
Benzo(a)anthracene
Concen: 0.514 ng/ul
RT: 21.17 min Scan# 4683
Delta R.T. -0.01 min
Lab File: BN008196.D
Acq: 16 Oct 2019 13:41

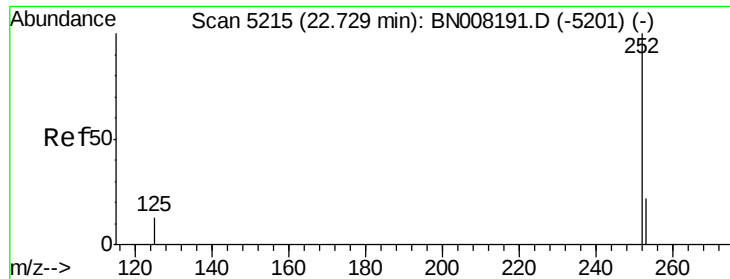
Tot Ion:228 Resp: 33569
Ion Ratio Lower Upper
228 100
229 21.5 16.2 24.2
226 28.9 21.4 32.0



#19
Chrysene
Concen: 0.488 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. -0.00 min
Lab File: BN008196.D
Acq: 16 Oct 2019 13:41

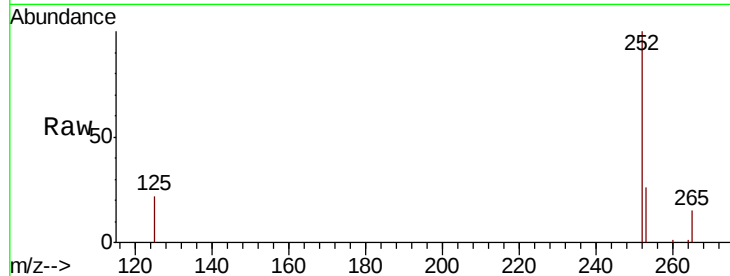
Tgt Ion:228 Resp: 39116
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 22.2 16.2 24.2



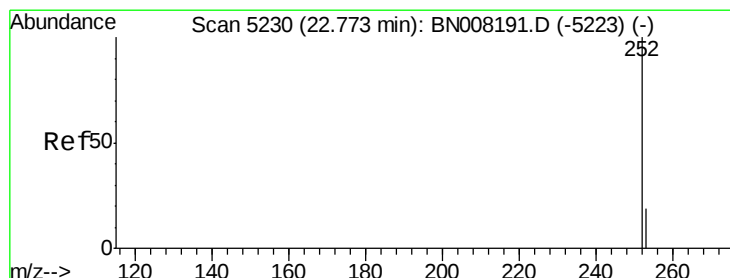
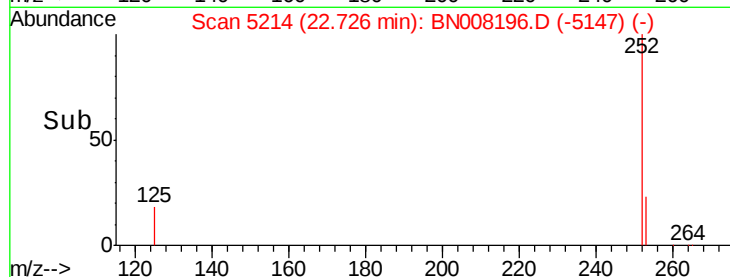
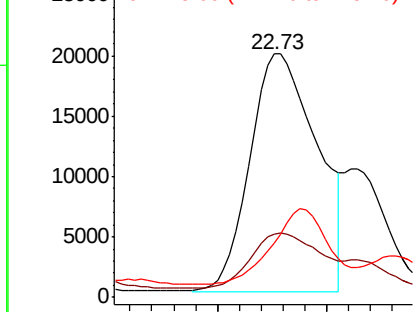


#21
Benzo(b)fluoranthene
Concen: 0.867 ng/ul m
RT: 22.73 min Scan# 5214
Delta R.T. -0.00 min
Lab File: BN008196.D
Acq: 16 Oct 2019 13:41

Tot Ion:252 Resp: 42189
Ion Ratio Lower Upper
252 100
253 26.0 0.0 53.4
125 22.2 0.0 32.4

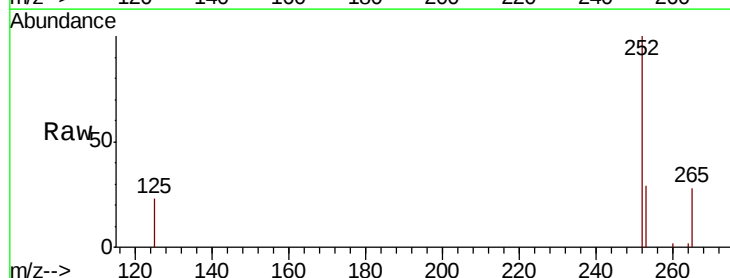


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

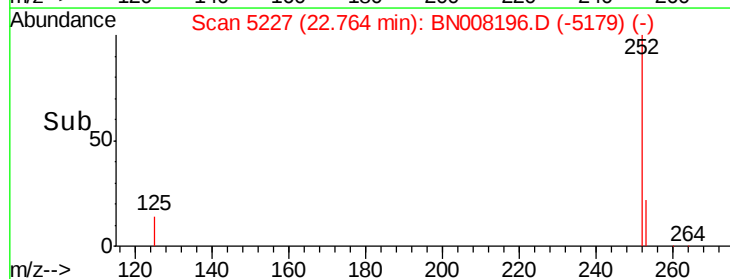
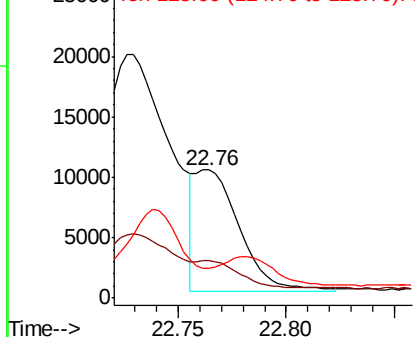


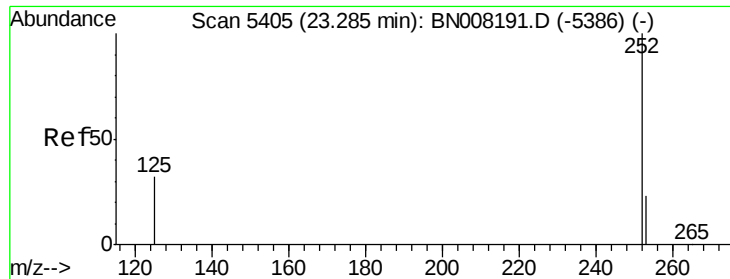
#22
Benzo(k)fluoranthene
Concen: 0.262 ng/ul m
RT: 22.76 min Scan# 5227
Delta R.T. -0.01 min
Lab File: BN008196.D
Acq: 16 Oct 2019 13:41

Tgt Ion:252 Resp: 14417
Ion Ratio Lower Upper
252 100
253 29.0 21.3 31.9
125 22.9 12.3 18.5#



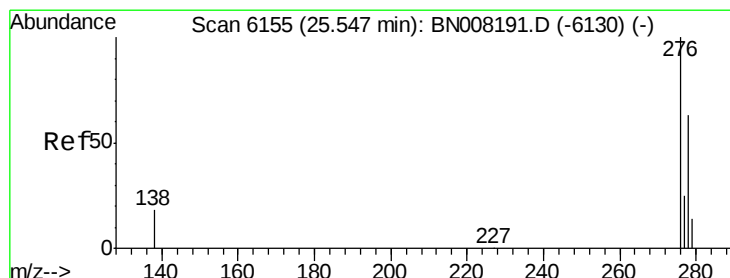
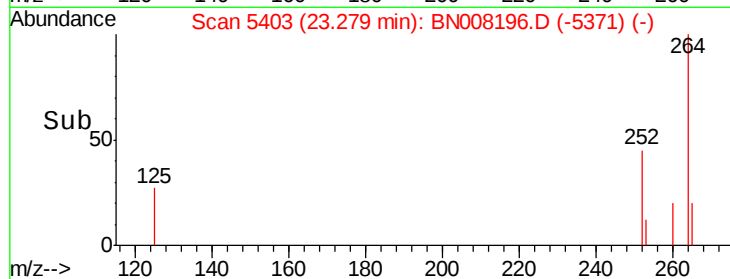
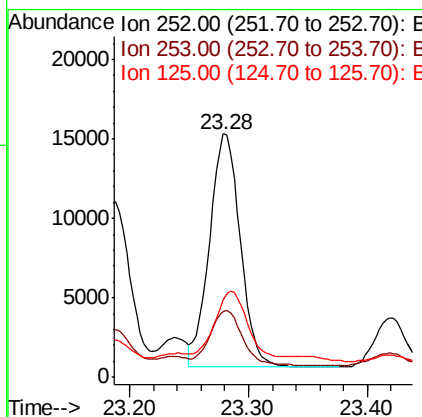
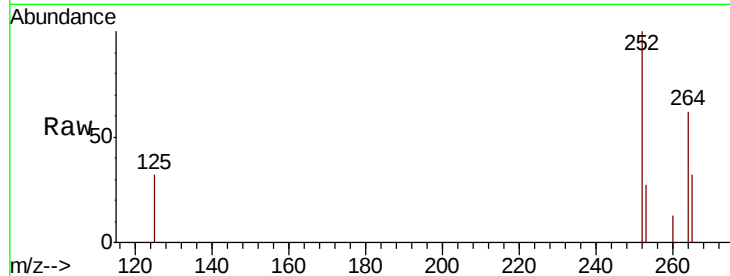
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





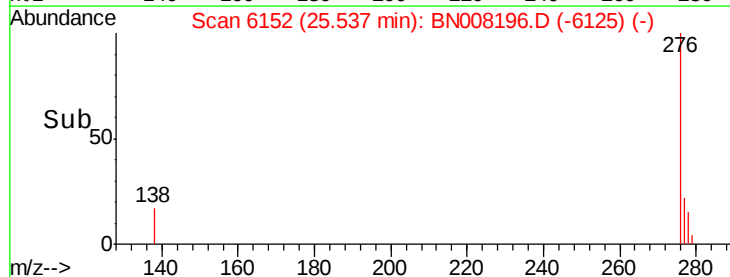
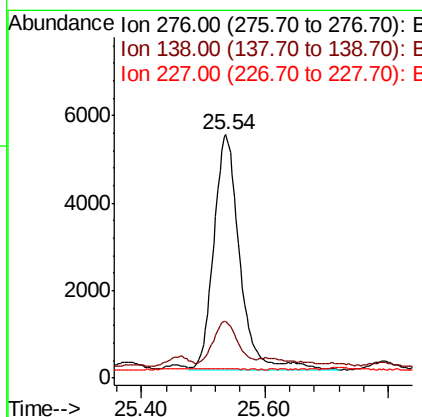
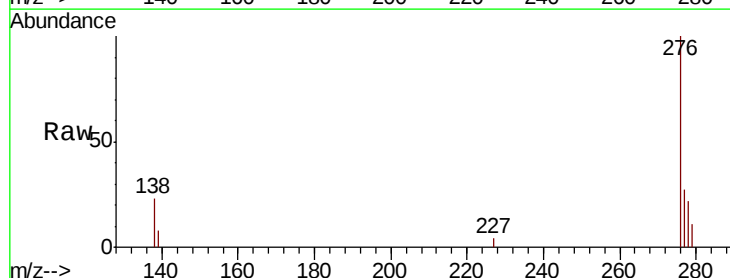
#23
Benzo(a)pyrene
Concen: 0.518 ng/ul
RT: 23.28 min Scan# 5403
Delta R.T. -0.01 min
Lab File: BN008196.D
Acq: 16 Oct 2019 13:41

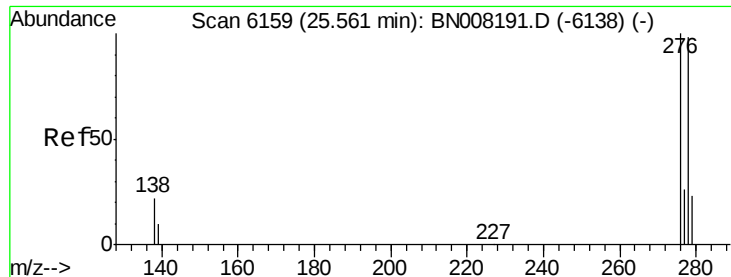
Tot Ion:252 Resp: 26504
Ion Ratio Lower Upper
252 100
253 27.0 22.8 34.2
125 31.8 18.4 27.6#



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.261 ng/ul
RT: 25.54 min Scan# 6152
Delta R.T. -0.01 min
Lab File: BN008196.D
Acq: 16 Oct 2019 13:41

Tgt Ion:276 Resp: 15710
Ion Ratio Lower Upper
276 100
138 19.0 16.1 24.1
227 0.1 0.2 0.2#





#25

Dibenzo(a,h)anthracene

Concen: 0.071 ng/ul

RT: 25.54 min Scan# 6153

Delta R.T. -0.02 min

Lab File: BN008196.D

Acq: 16 Oct 2019 13:41

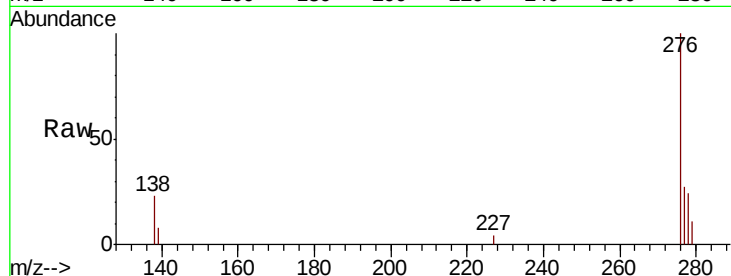
Tot Ion:278 Resp: 3368

Ion Ratio Lower Upper

278 100

139 34.4 15.0 22.6#

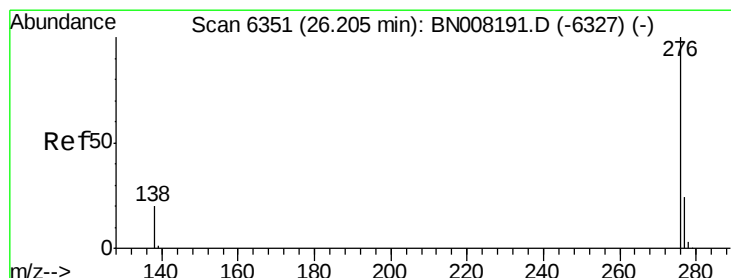
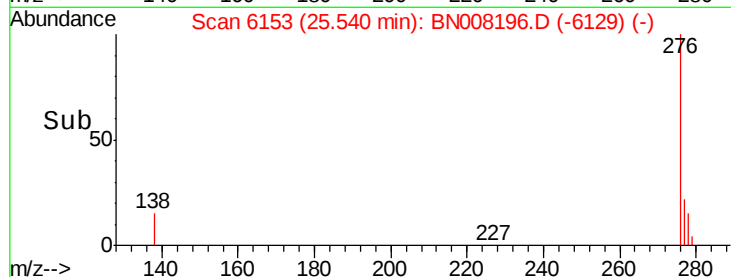
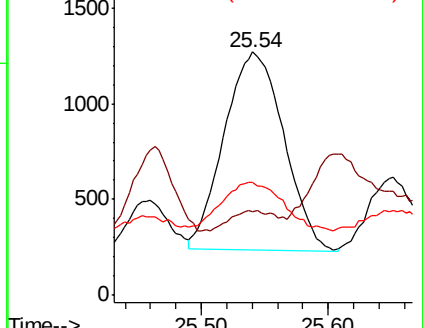
279 46.6 22.4 33.6#



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: 0.229 ng/ul

RT: 26.20 min Scan# 6349

Delta R.T. -0.01 min

Lab File: BN008196.D

Acq: 16 Oct 2019 13:41

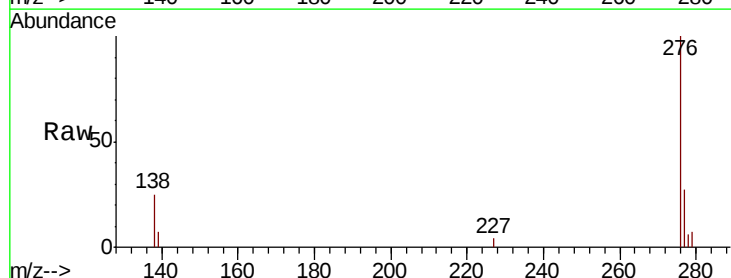
Tgt Ion:276 Resp: 12676

Ion Ratio Lower Upper

276 100

138 25.0 17.0 25.4

277 26.9 20.4 30.6



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

