

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101619\
 Data File : BN008203.D
 Acq On : 16 Oct 2019 17:55
 Operator : JU
 Sample : K5124-01DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 16 18:37:23 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 18:22:57 2019

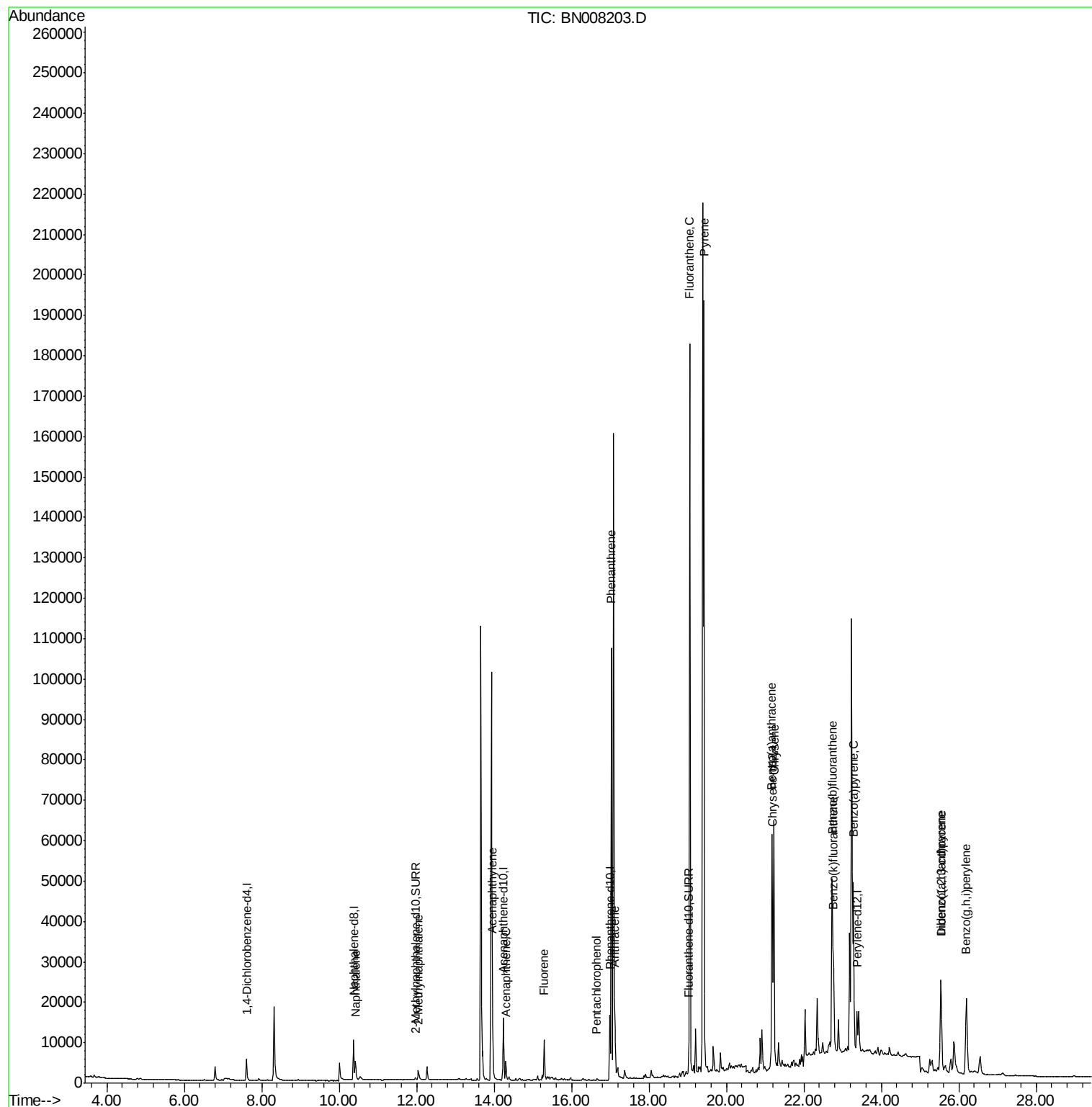
Response via : Initial Calibration

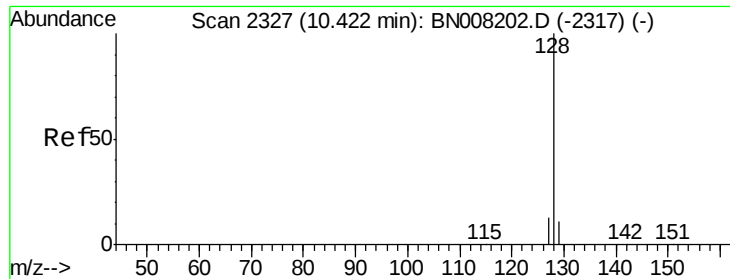
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3008	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14216	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8952	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	19197m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	15023	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	11926	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	872	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	2491	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.42	128	6661	0.165	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	2428	0.087	ng/ul	99
7) Acenaphthylene	13.96	152	16660	0.391	ng/ul	99
8) Acenaphthene	14.31	153	2823	0.085	ng/ul	99
9) Fluorene	15.30	166	6634	0.176	ng/ul	97
11) Pentachlorophenol	16.65	266	294	0.063	ng/ul	97
12) Phenanthrene	17.03	178	113621	2.022	ng/ul	98
13) Anthracene	17.12	178	11310	0.229	ng/ul	98
15) Fluoranthene	19.06	202	150359	2.026	ng/ul	100
17) Pyrene	19.42	202	156742	2.620	ng/ul	100
18) Benzo(a)anthracene	21.18	228	46166	0.845	ng/ul	91
19) Chrysene	21.23	228	61323	0.915	ng/ul	96
21) Benzo(b)fluoranthene	22.73	252	67730m	1.745	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	25755m	0.586	ng/ul	
23) Benzo(a)pyrene	23.28	252	53946	1.320	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.54	276	37993	0.790	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.55	278	7804	0.205	ng/ul#	82
26) Benzo(g,h,i)perylene	26.20	276	38555	0.874	ng/ul	99

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

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#3

Naphthalene

Concen: 0.165 ng/ul

RT: 10.42 min Scan# 2327

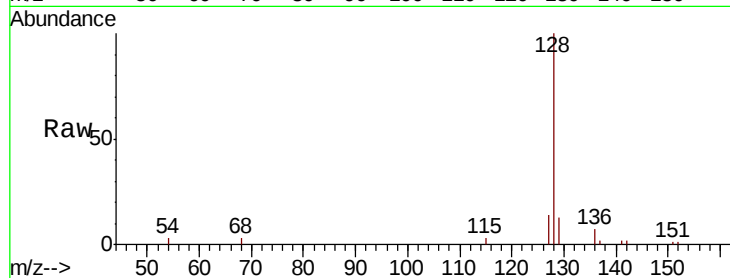
Delta R.T. -0.00 min

Lab File: BN008203.D

Acq: 16 Oct 2019 17:55

Tot Ion:128 Resp: 6661

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.8	14.8
127	14.3	11.1	16.7

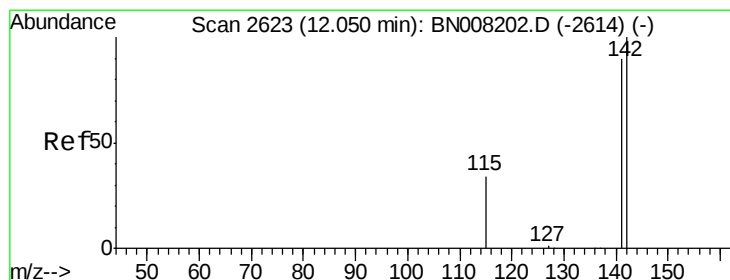
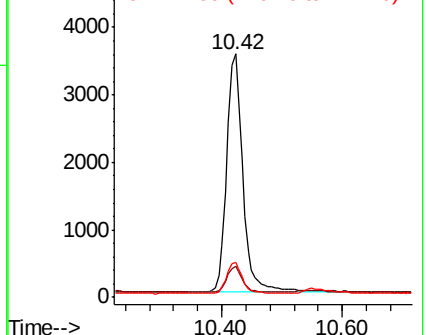
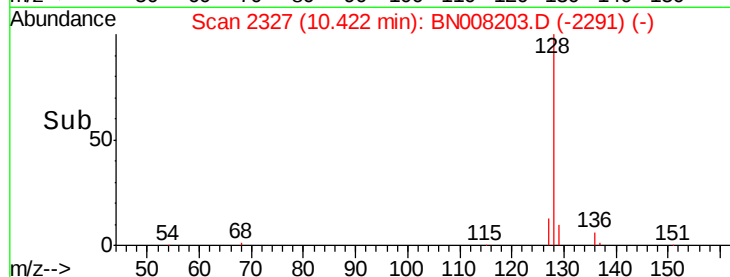


Abundance

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



#5

2-Methylnaphthalene

Concen: 0.087 ng/ul

RT: 12.04 min Scan# 2622

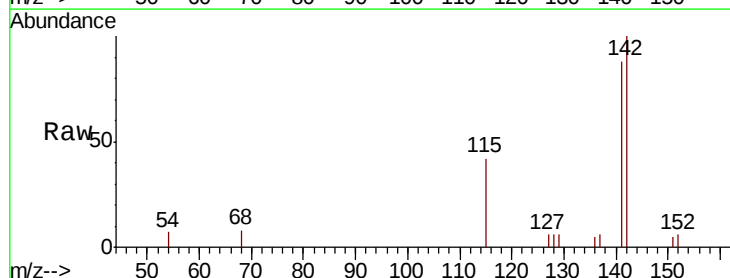
Delta R.T. -0.01 min

Lab File: BN008203.D

Acq: 16 Oct 2019 17:55

Tgt Ion:142 Resp: 2428

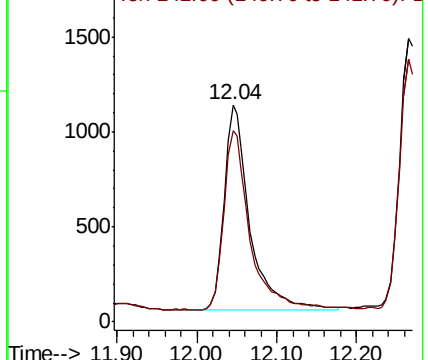
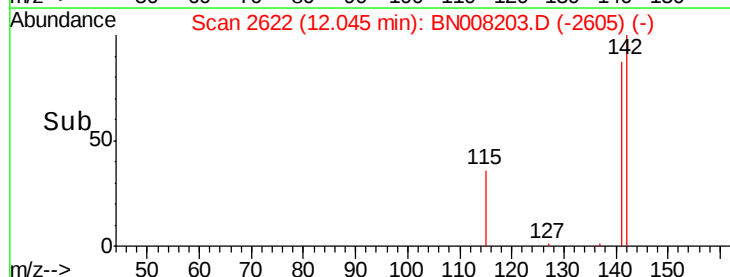
Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.4	107.2

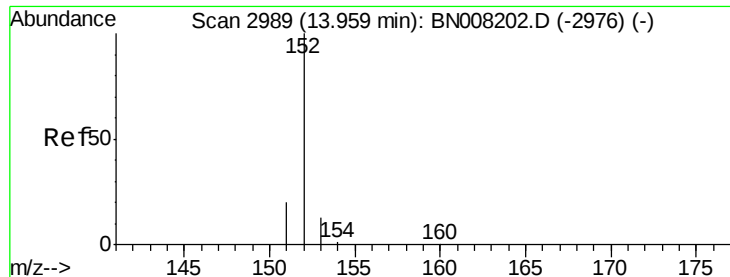


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.391 ng/ul

RT: 13.96 min Scan# 2989

Delta R.T. -0.00 min

Lab File: BN008203.D

Acq: 16 Oct 2019 17:55

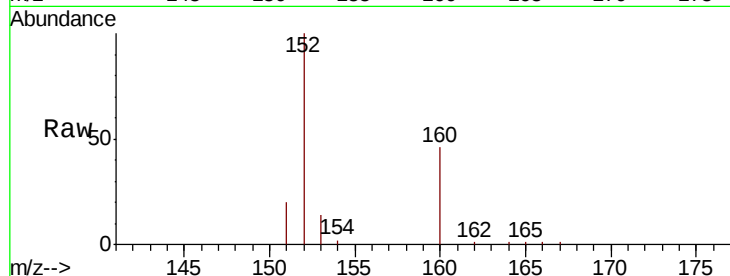
Tot Ion:152 Resp: 16660

Ion Ratio Lower Upper

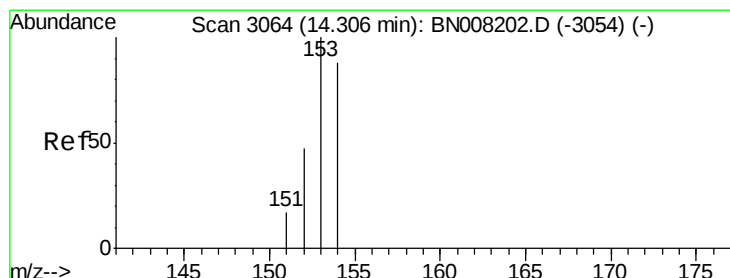
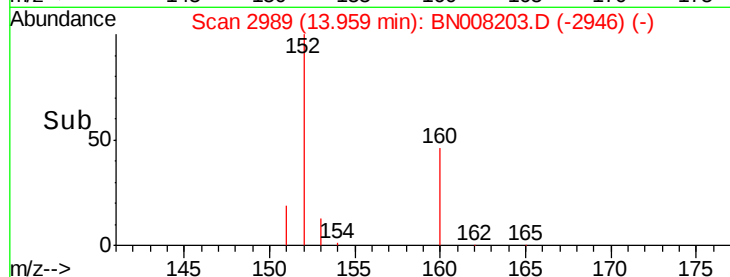
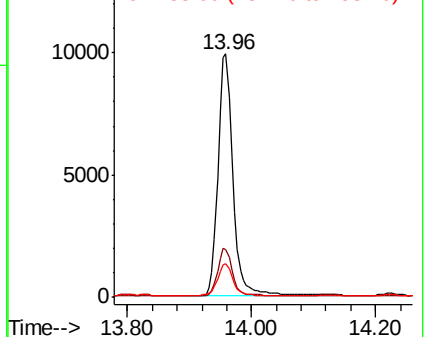
152 100

151 19.8 16.2 24.4

153 14.0 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: 0.085 ng/ul

RT: 14.31 min Scan# 3064

Delta R.T. -0.00 min

Lab File: BN008203.D

Acq: 16 Oct 2019 17:55

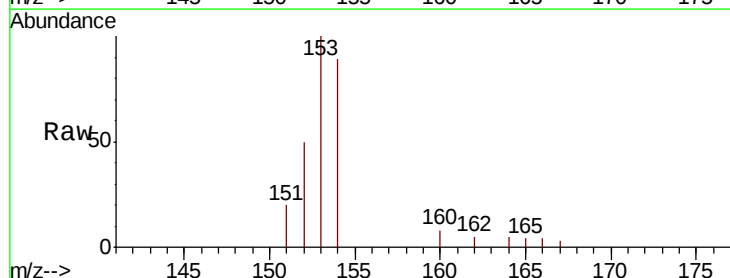
Tgt Ion:153 Resp: 2823

Ion Ratio Lower Upper

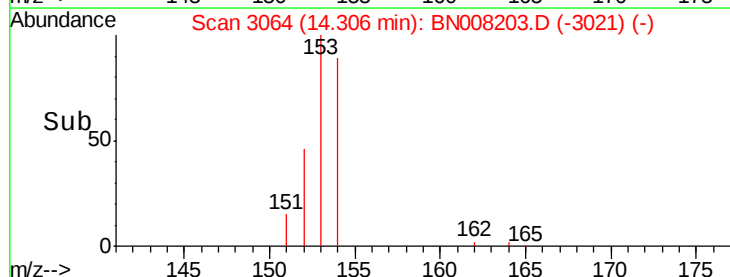
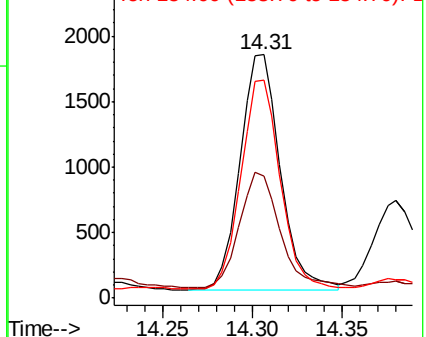
153 100

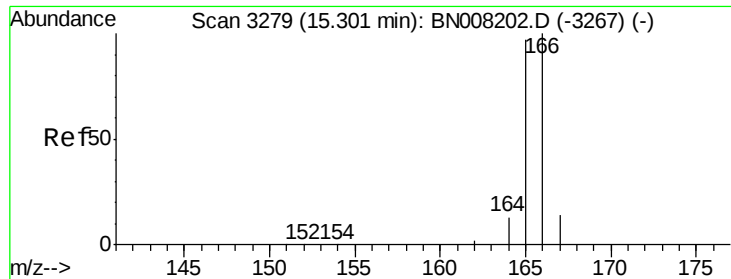
152 50.1 38.2 57.2

154 89.5 71.8 107.8



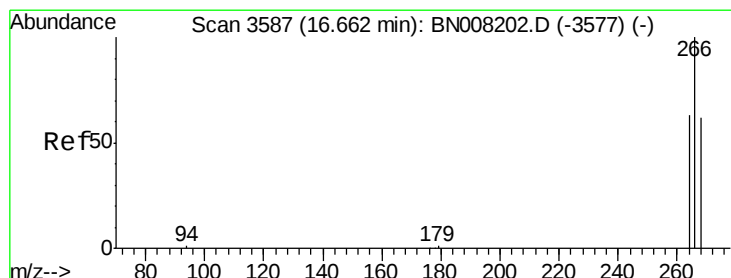
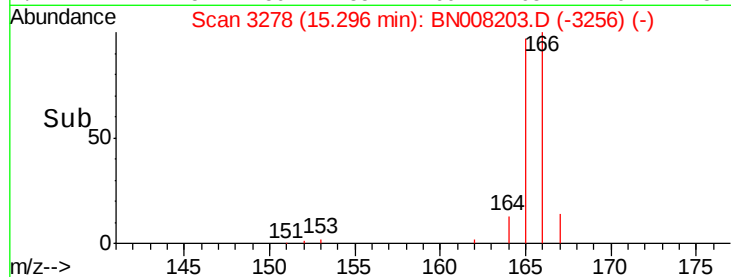
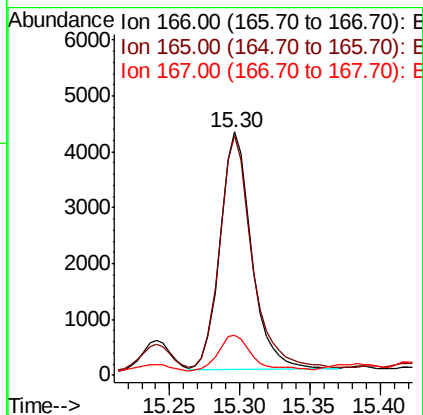
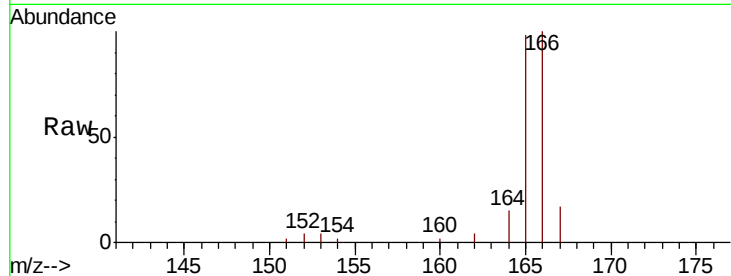
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





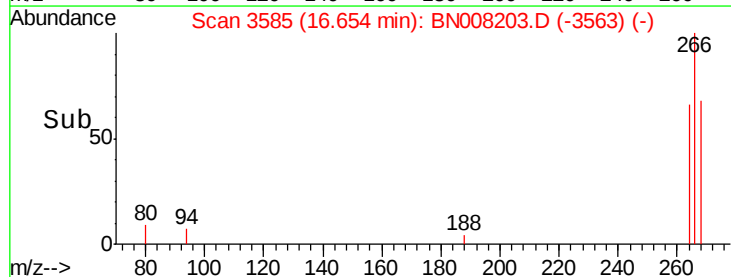
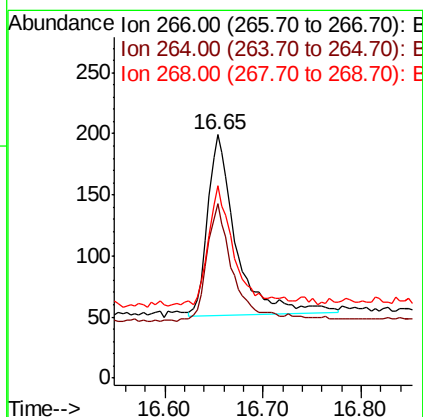
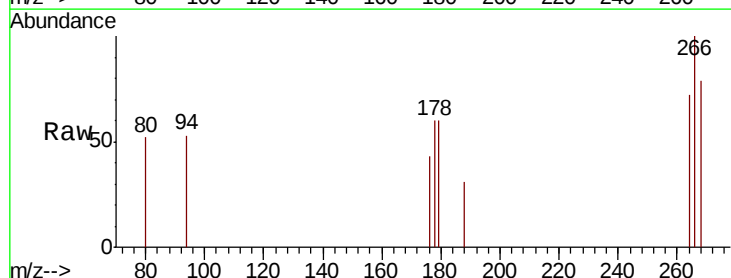
#9
Fluorene
 Concen: 0.176 ng/ul
 RT: 15.30 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: BN008203.D
 Acq: 16 Oct 2019 17:55

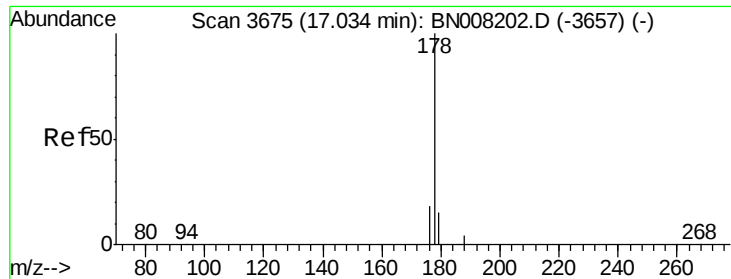
Tot Ion:166 Resp: 6634
 Ion Ratio Lower Upper
 166 100
 165 98.4 76.6 115.0
 167 16.6 11.7 17.5



#11
Pentachlorophenol
 Concen: 0.063 ng/ul
 RT: 16.65 min Scan# 3585
 Delta R.T. -0.01 min
 Lab File: BN008203.D
 Acq: 16 Oct 2019 17:55

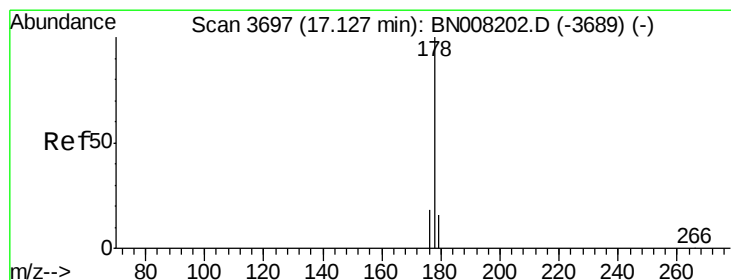
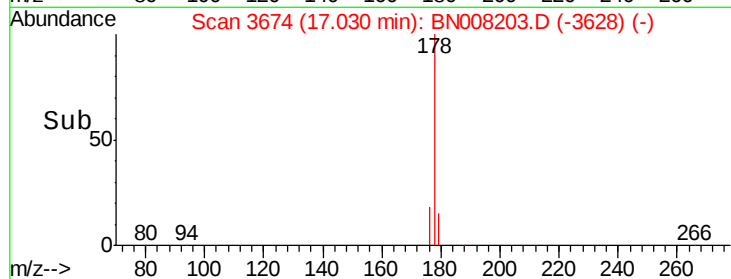
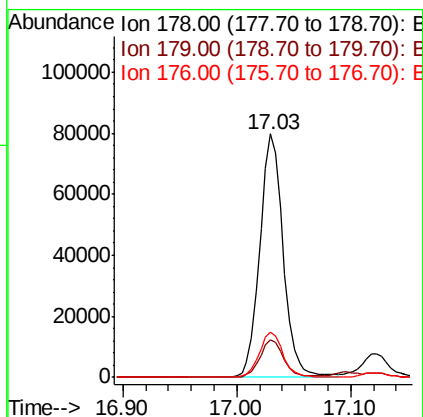
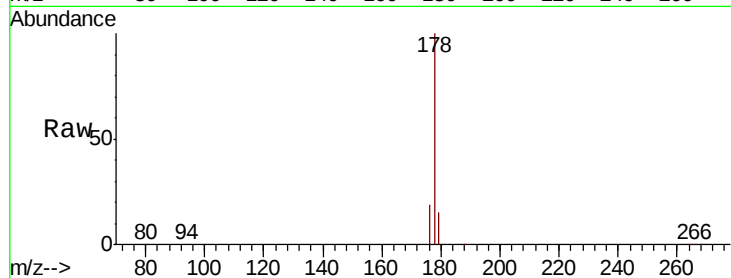
Tgt Ion:266 Resp: 294
 Ion Ratio Lower Upper
 266 100
 264 65.3 50.1 75.1
 268 62.9 51.9 77.9





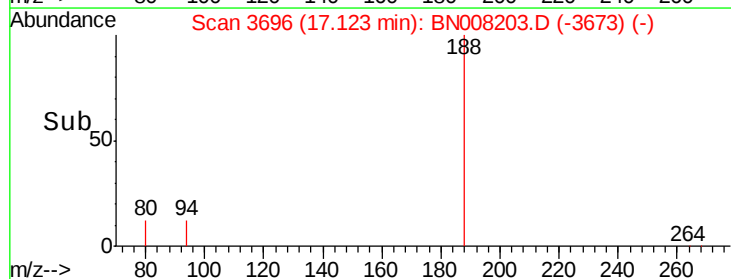
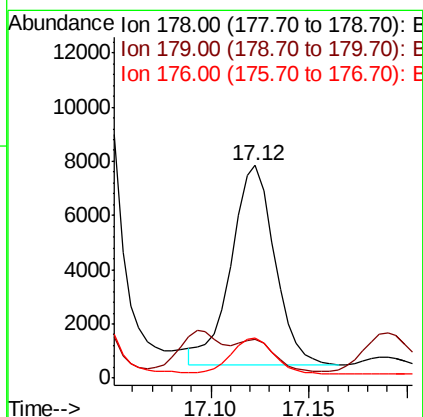
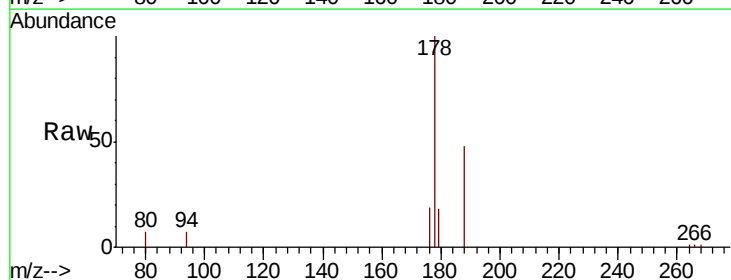
#12
Phenanthrene
Concen: 2.022 ng/ul
RT: 17.03 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BN008203.D
Acq: 16 Oct 2019 17:55

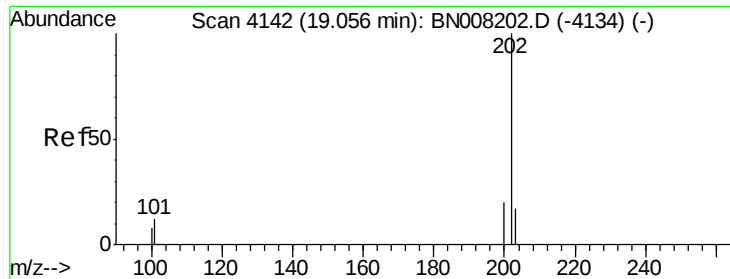
Tot Ion:178 Resp: 113621
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 18.6 15.4 23.2



#13
Anthracene
Concen: 0.229 ng/ul
RT: 17.12 min Scan# 3696
Delta R.T. -0.00 min
Lab File: BN008203.D
Acq: 16 Oct 2019 17:55

Tgt Ion:178 Resp: 11310
Ion Ratio Lower Upper
178 100
179 18.2 13.0 19.6
176 18.7 15.0 22.6





#15

Fluoranthene

Concen: 2.026 ng/ul

RT: 19.06 min Scan# 4142

Delta R.T. -0.00 min

Lab File: BN008203.D

Acq: 16 Oct 2019 17:55

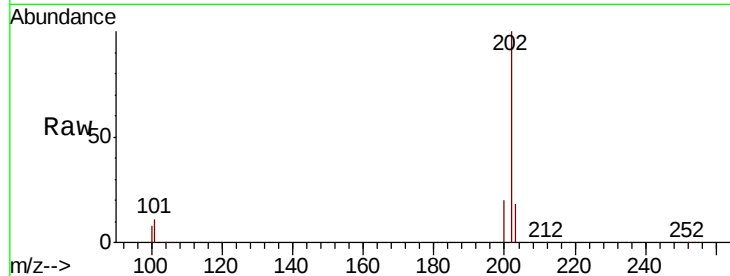
Tot Ion:202 Resp: 150359

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.2

100 8.4 0.0 28.5

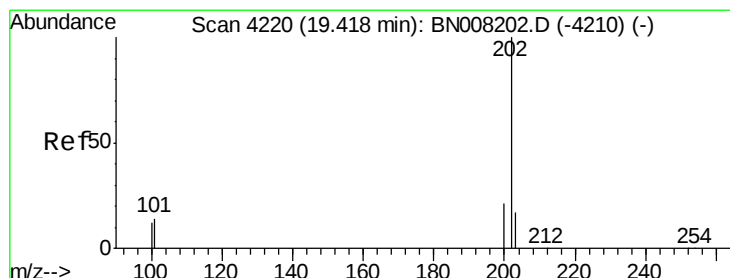
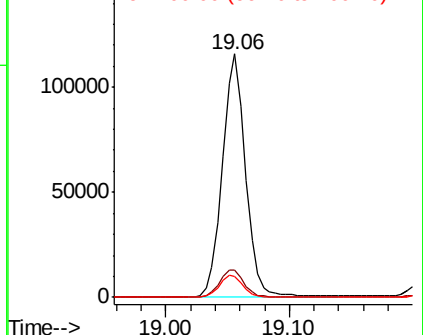
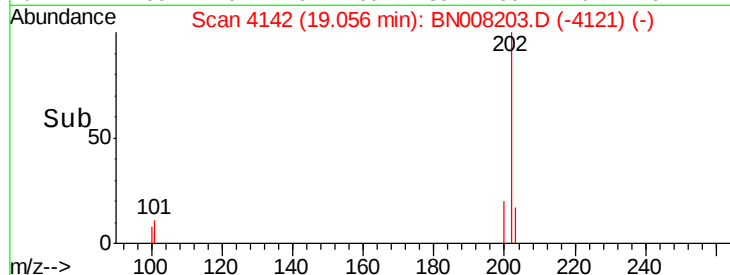


Abundance

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: 2.620 ng/ul

RT: 19.42 min Scan# 4220

Delta R.T. -0.00 min

Lab File: BN008203.D

Acq: 16 Oct 2019 17:55

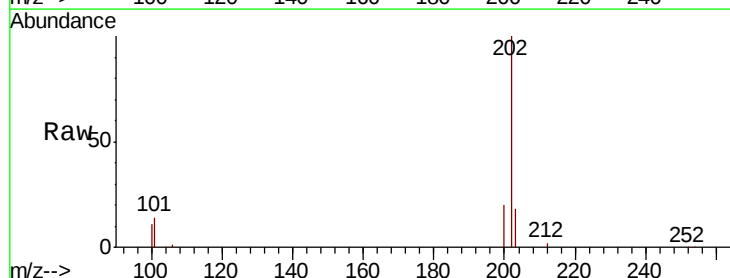
Tgt Ion:202 Resp: 156742

Ion Ratio Lower Upper

202 100

101 13.5 10.9 16.3

100 10.9 8.7 13.1

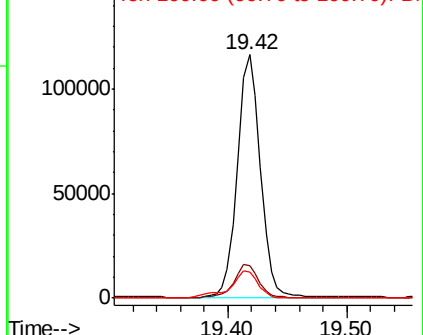
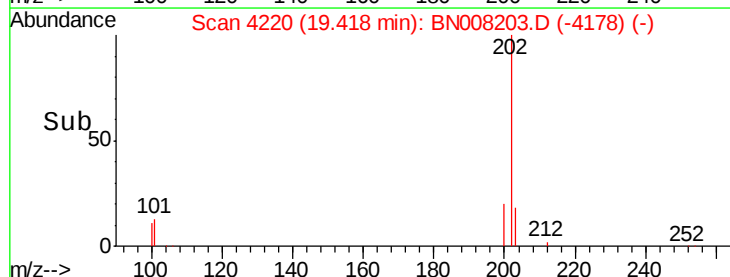


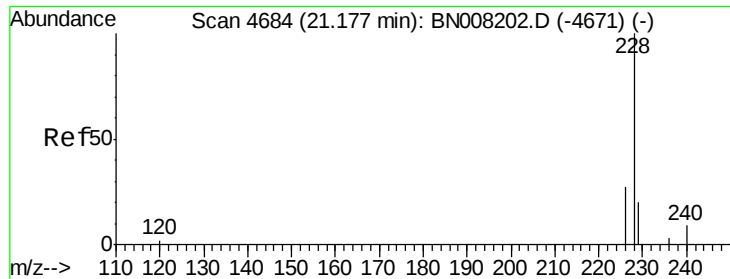
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

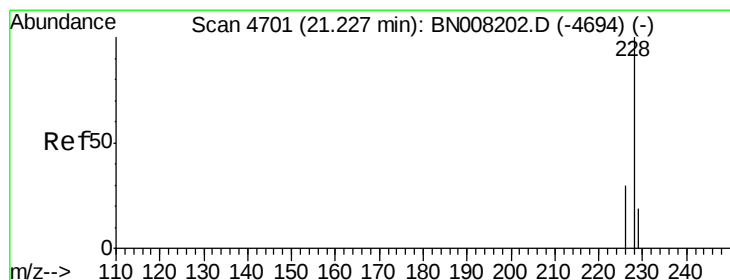
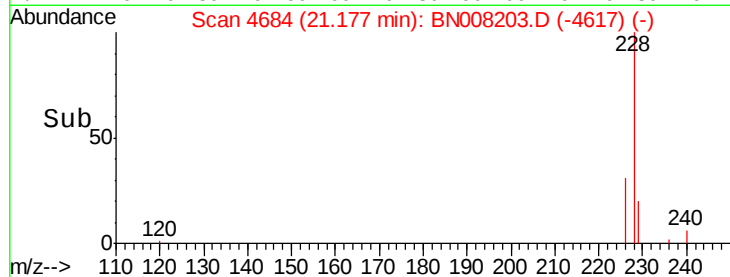
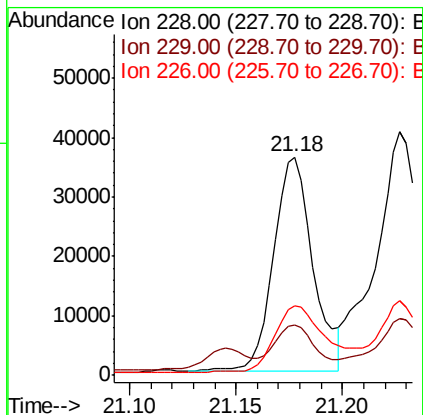
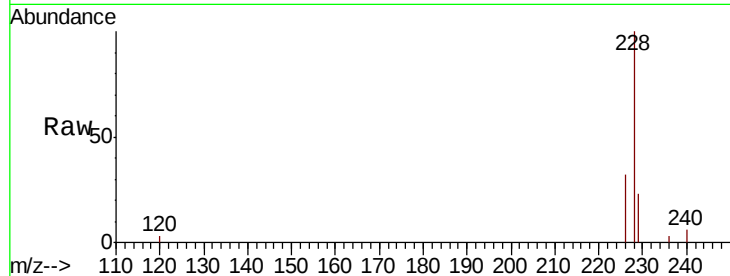
Ion 100.00 (99.70 to 100.70): B





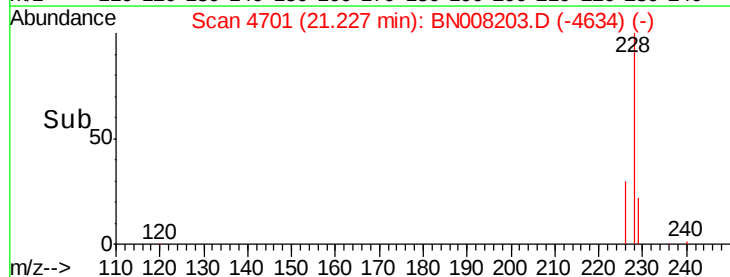
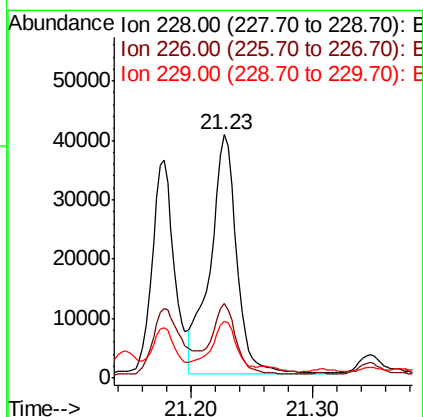
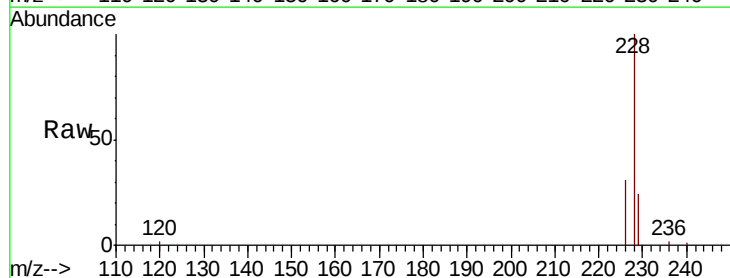
#18
Benzo(a)anthracene
Concen: 0.845 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. -0.00 min
Lab File: BN008203.D
Acq: 16 Oct 2019 17:55

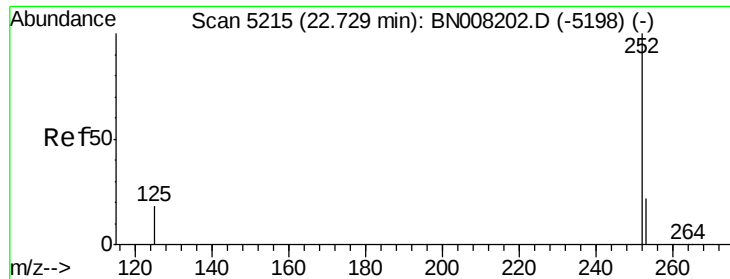
Tot Ion:228 Resp: 46166
Ion Ratio Lower Upper
228 100
229 23.2 16.2 24.2
226 32.0 21.4 32.0



#19
Chrysene
Concen: 0.915 ng/ul
RT: 21.23 min Scan# 4701
Delta R.T. -0.00 min
Lab File: BN008203.D
Acq: 16 Oct 2019 17:55

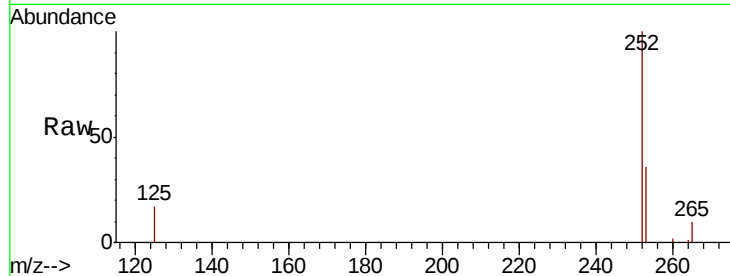
Tgt Ion:228 Resp: 61323
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 23.5 16.2 24.2



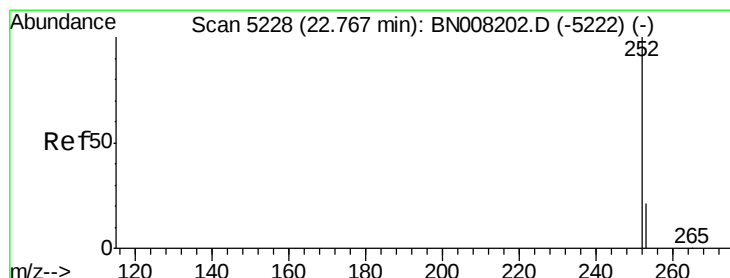
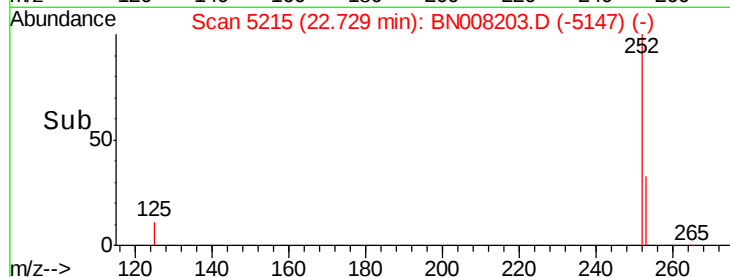
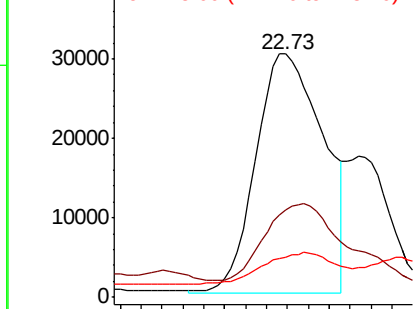


#21
Benzo(b)fluoranthene
Concen: 1.745 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. -0.00 min
Lab File: BN008203.D
Acq: 16 Oct 2019 17:55

Tot Ion:252 Resp: 67730
Ion Ratio Lower Upper
252 100
253 36.0 0.0 53.4
125 16.7 0.0 32.4

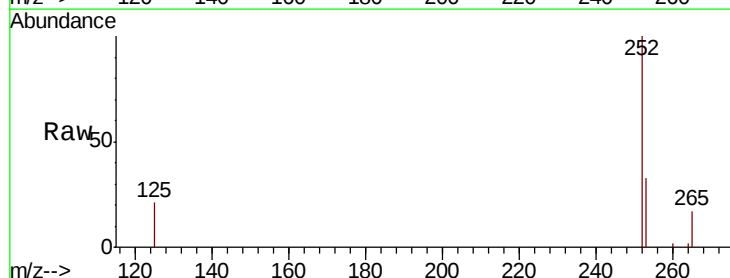


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

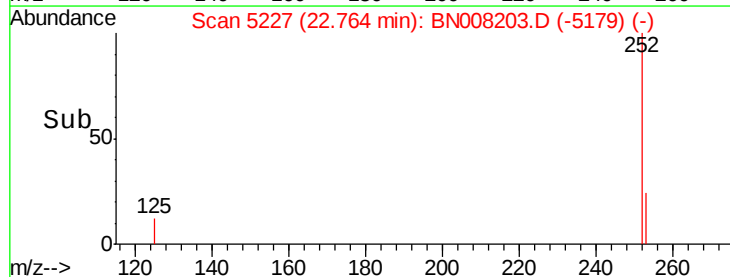
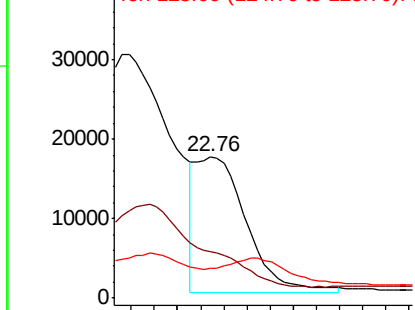


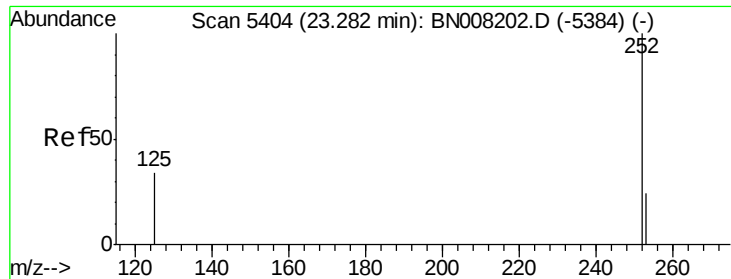
#22
Benzo(k)fluoranthene
Concen: 0.586 ng/ul m
RT: 22.76 min Scan# 5227
Delta R.T. -0.01 min
Lab File: BN008203.D
Acq: 16 Oct 2019 17:55

Tgt Ion:252 Resp: 25755
Ion Ratio Lower Upper
252 100
253 32.6 21.3 31.9#
125 20.6 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: 1.320 ng/u1

RT: 23.28 min Scan# 5403

Delta R.T. -0.01 min

Lab File: BN008203.D

Acq: 16 Oct 2019 17:55

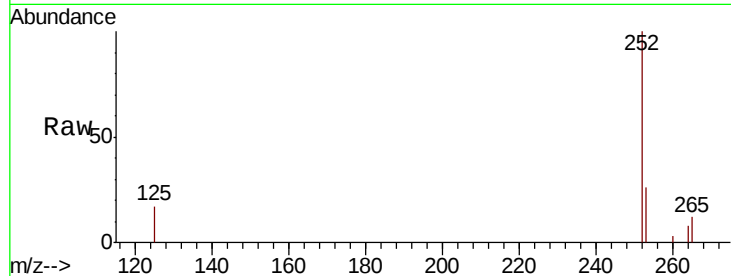
Tot Ion:252 Resp: 53946

Ion Ratio Lower Upper

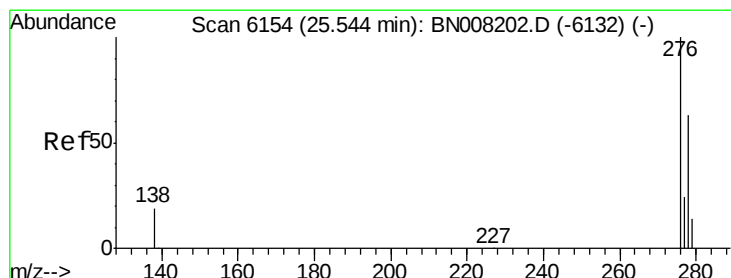
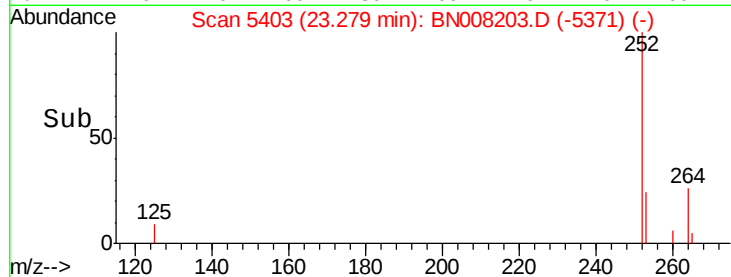
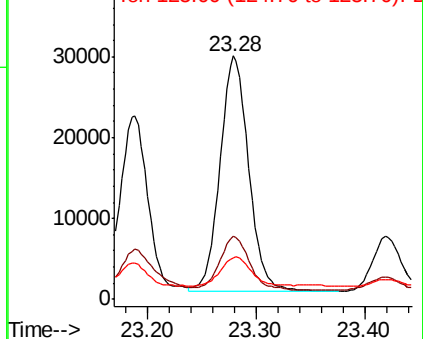
252 100

253 26.0 22.8 34.2

125 17.2 18.4 27.6#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.790 ng/u1

RT: 25.54 min Scan# 6153

Delta R.T. -0.01 min

Lab File: BN008203.D

Acq: 16 Oct 2019 17:55

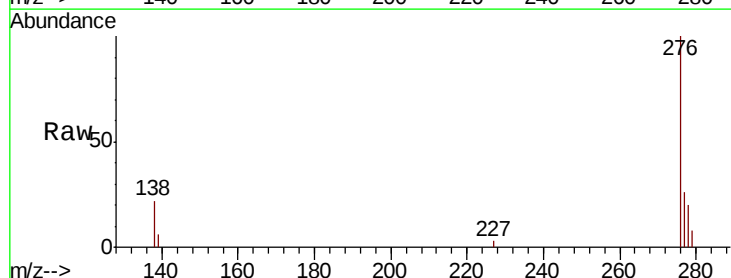
Tgt Ion:276 Resp: 37993

Ion Ratio Lower Upper

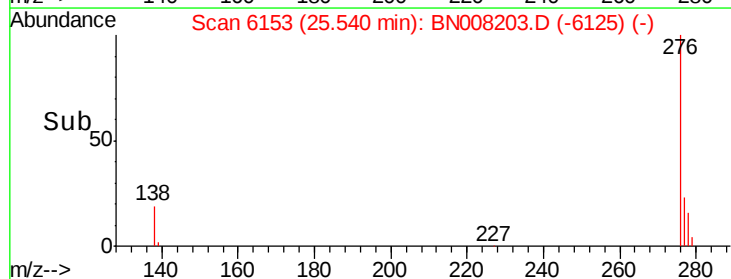
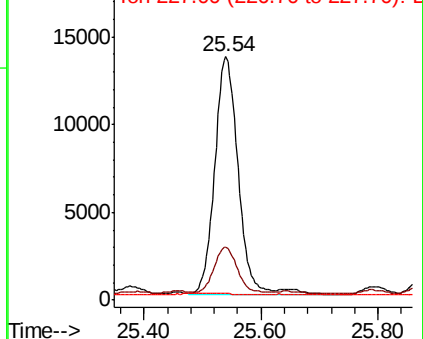
276 100

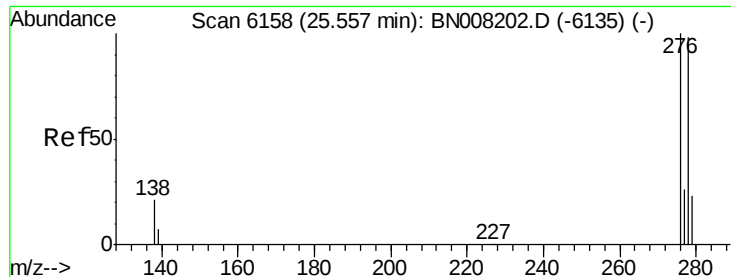
138 18.1 16.1 24.1

227 0.0 0.2 0.2#



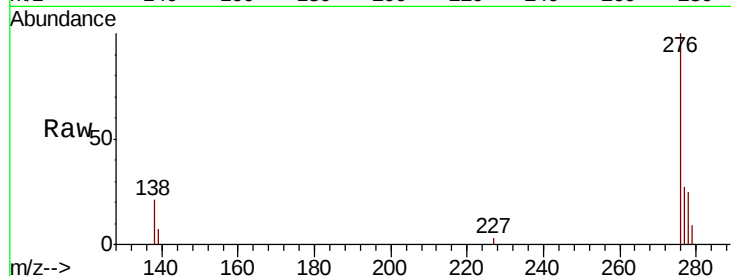
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



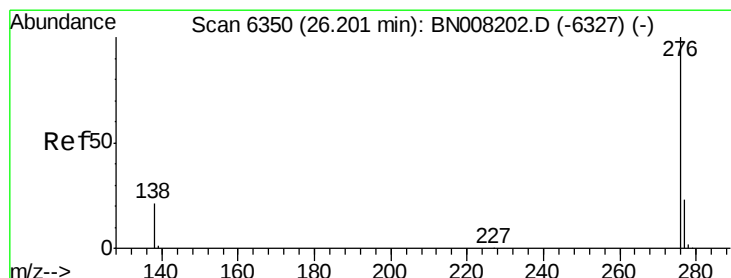
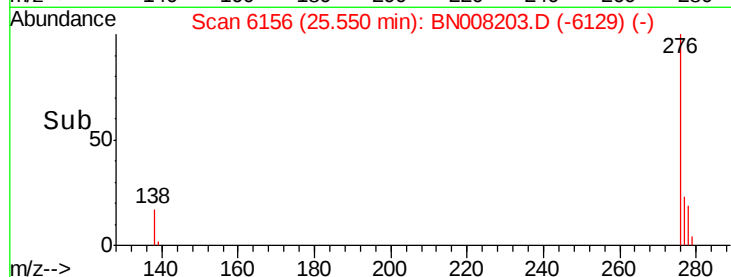
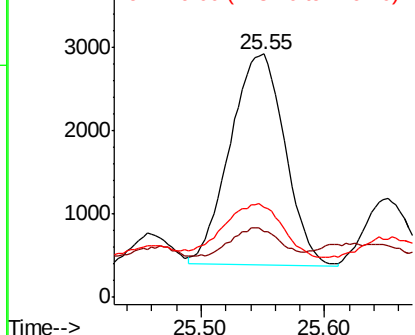


#25
Dibenzo(a,h)anthracene
Concen: 0.205 ng/ul
RT: 25.55 min Scan# 6156
Delta R.T. -0.01 min
Lab File: BN008203.D
Acq: 16 Oct 2019 17:55

Tot Ion:278 Resp: 7804
Ion Ratio Lower Upper
278 100
139 27.2 15.0 22.6#
279 37.2 22.4 33.6#

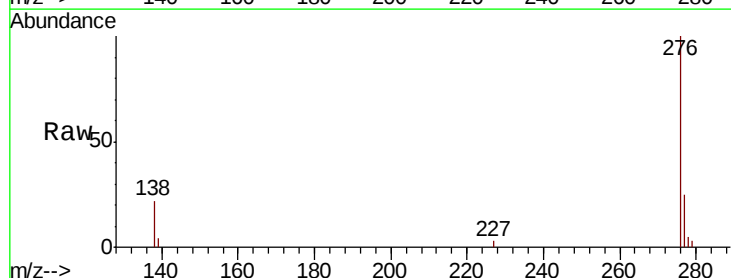


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.874 ng/ul
RT: 26.20 min Scan# 6349
Delta R.T. -0.01 min
Lab File: BN008203.D
Acq: 16 Oct 2019 17:55

Tgt Ion:276 Resp: 38555
Ion Ratio Lower Upper
276 100
138 22.3 17.0 25.4
277 25.3 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

