

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101619\
 Data File : BN008192.D
 Acq On : 16 Oct 2019 11:17
 Operator : JU
 Sample : K5175-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 16 17:58:17 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

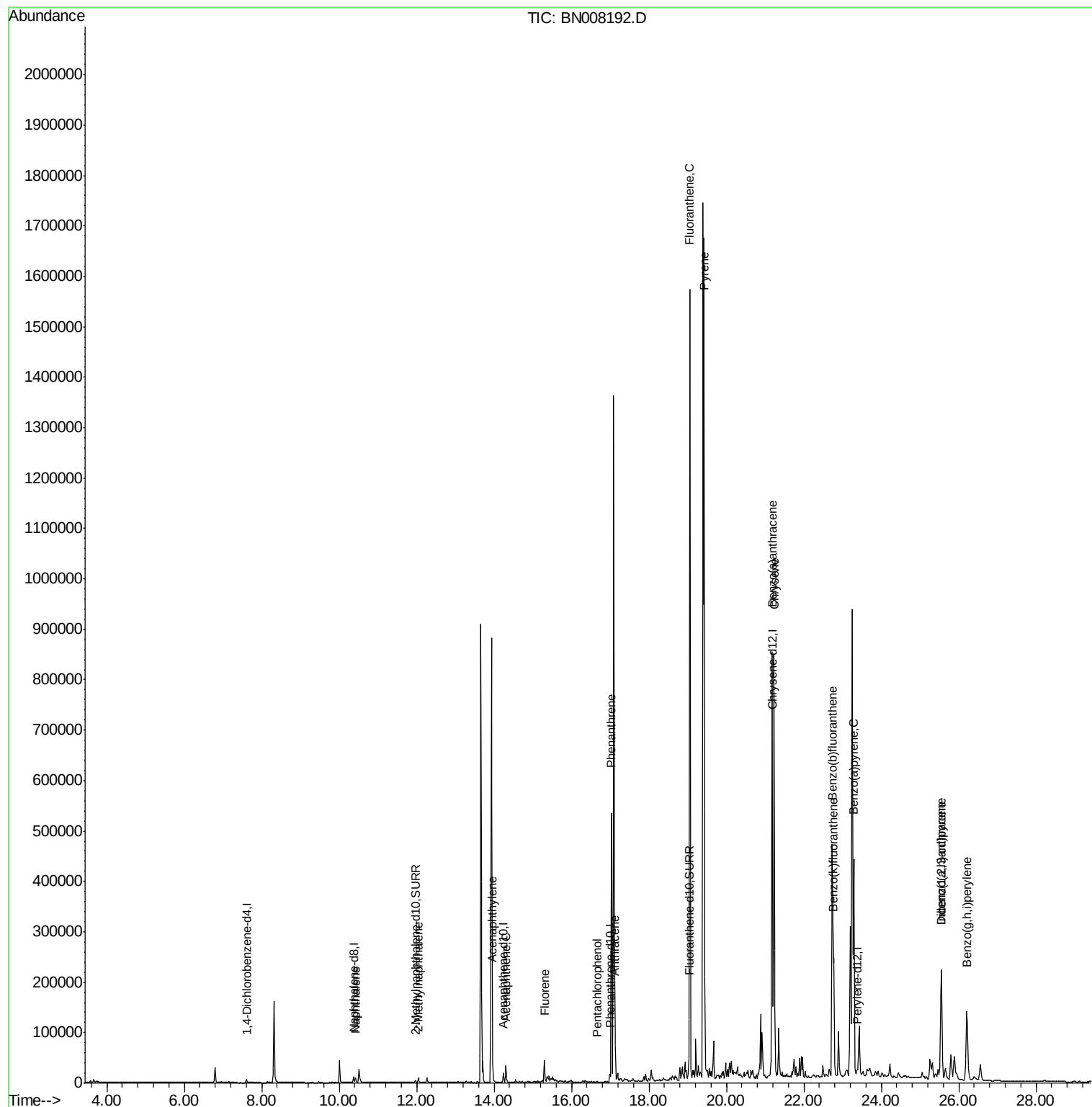
Response via : Initial Calibration

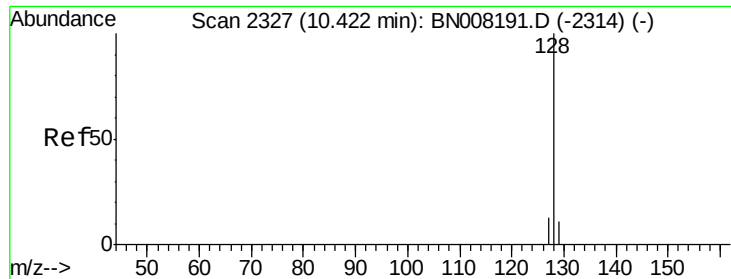
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3057	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14951	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9737	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	22055m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	16938	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	13562	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	7218	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	22918	0.30	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.42	128	14044	0.330	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	8449	0.289	ng/ul	99
7) Acenaphthylene	13.96	152	37403	0.806	ng/ul	99
8) Acenaphthene	14.31	153	20037	0.556	ng/ul	100
9) Fluorene	15.30	166	26271	0.641	ng/ul	97
11) Pentachlorophenol	16.65	266	575	0.108	ng/ul	99
12) Phenanthrene	17.03	178	561391	8.694	ng/ul	99
13) Anthracene	17.12	178	106415	1.873	ng/ul	99
15) Fluoranthene	19.06	202	1290547	15.133	ng/ul	98
17) Pyrene	19.42	202	1337346	19.830	ng/ul	98
18) Benzo(a)anthracene	21.18	228	717594	11.653	ng/ul	97
19) Chrysene	21.23	228	777717	10.291	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	733927m	16.624	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	255327m	5.105	ng/ul	
23) Benzo(a)pyrene	23.29	252	540239	11.628	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.55	276	318854	5.827	ng/ul	99
25) Dibenzo(a,h)anthracene	25.55	278	88089	2.037	ng/ul	98
26) Benzo(g,h,i)perylene	26.20	276	280277	5.586	ng/ul	98

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

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#3

Naphthalene

Concen: 0.330 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BN008192.D

Acq: 16 Oct 2019 11:17

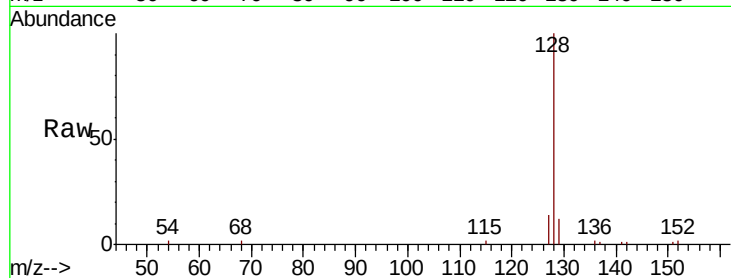
Tot Ion:128 Resp: 14044

Ion Ratio Lower Upper

128 100

129 12.0 9.8 14.8

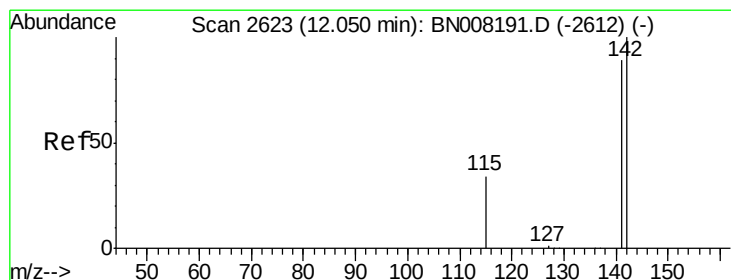
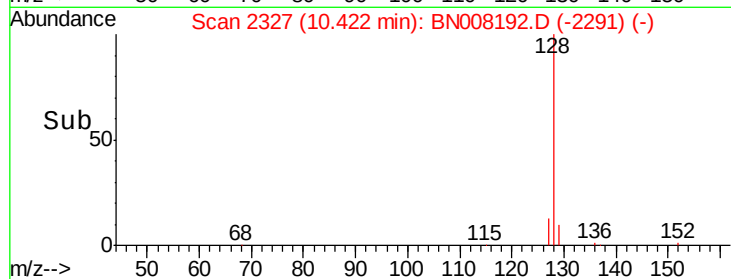
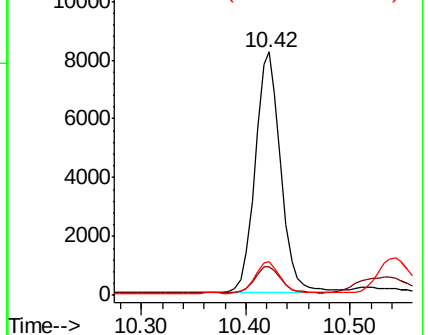
127 13.6 11.1 16.7



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: 0.289 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BN008192.D

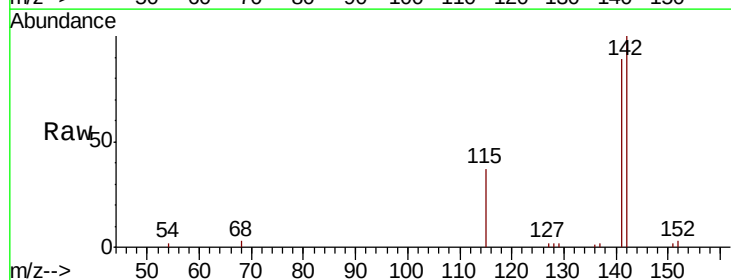
Acq: 16 Oct 2019 11:17

Tgt Ion:142 Resp: 8449

Ion Ratio Lower Upper

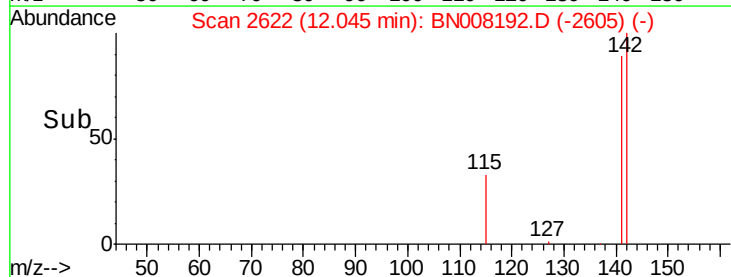
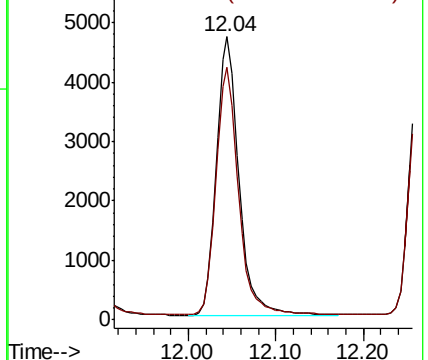
142 100

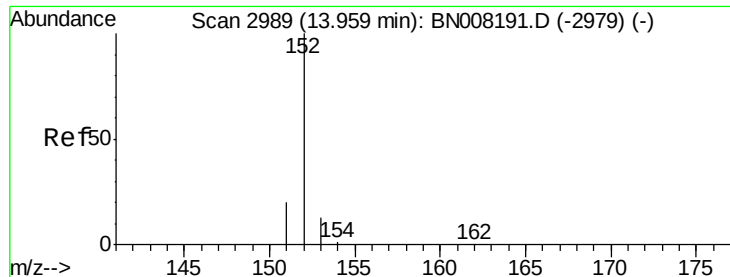
141 88.0 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.806 ng/ul

RT: 13.96 min Scan# 2989

Delta R.T. -0.00 min

Lab File: BN008192.D

Acq: 16 Oct 2019 11:17

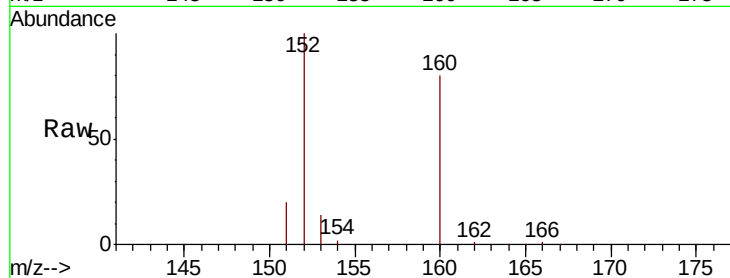
Tot Ion:152 Resp: 37403

Ion Ratio Lower Upper

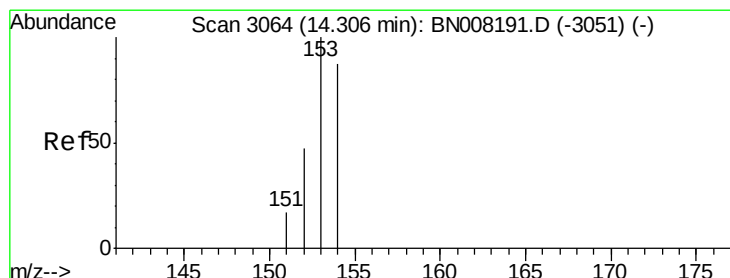
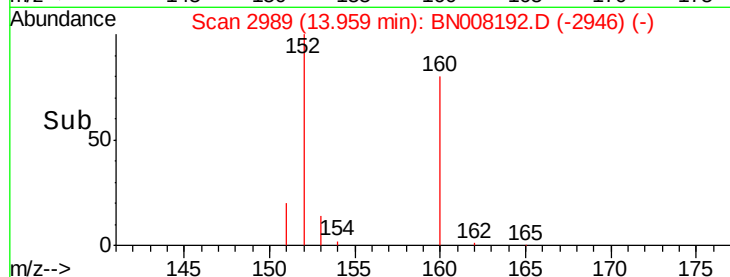
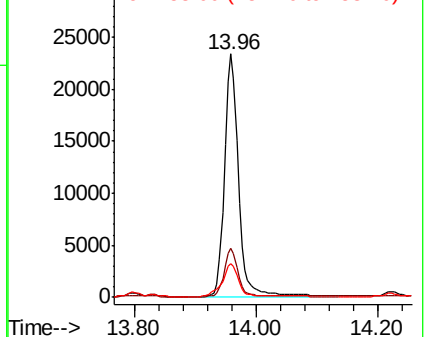
152 100

151 20.1 16.2 24.4

153 14.1 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: 0.556 ng/ul

RT: 14.31 min Scan# 3064

Delta R.T. -0.00 min

Lab File: BN008192.D

Acq: 16 Oct 2019 11:17

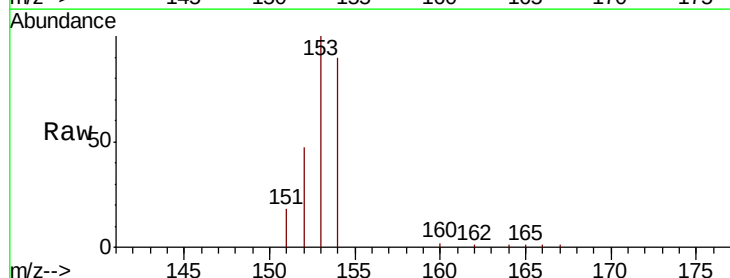
Tgt Ion:153 Resp: 20037

Ion Ratio Lower Upper

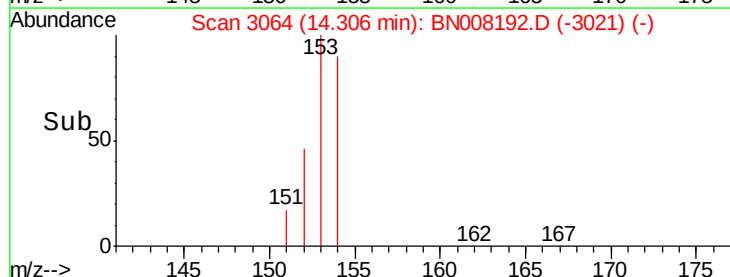
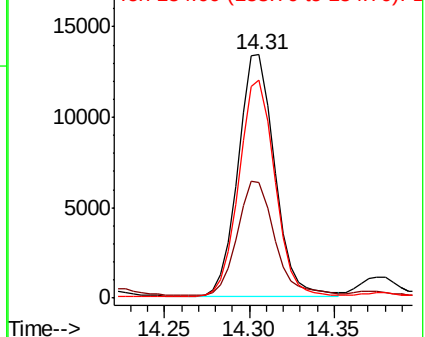
153 100

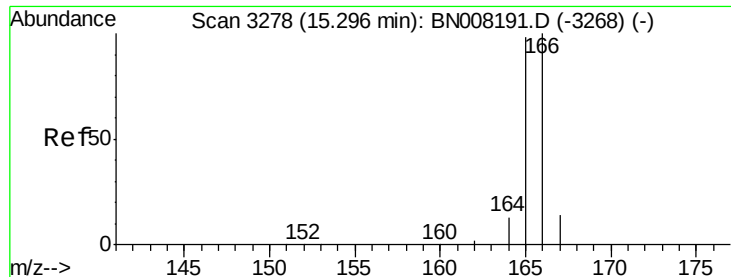
152 47.4 38.2 57.2

154 89.5 71.8 107.8



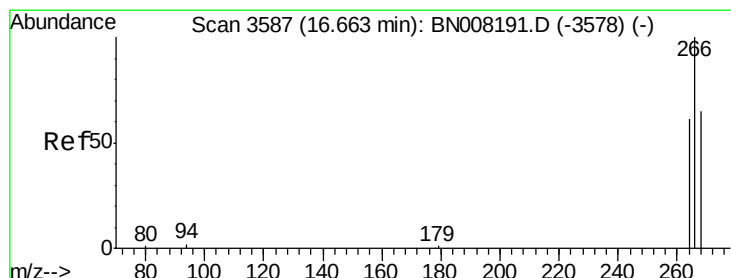
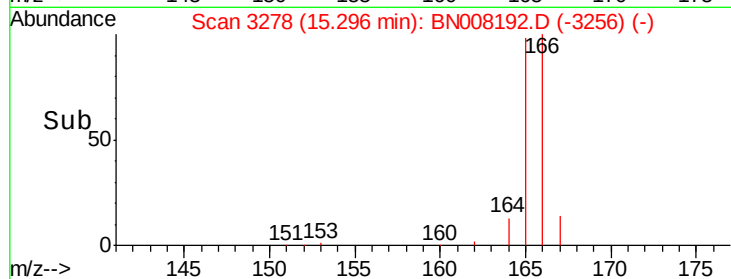
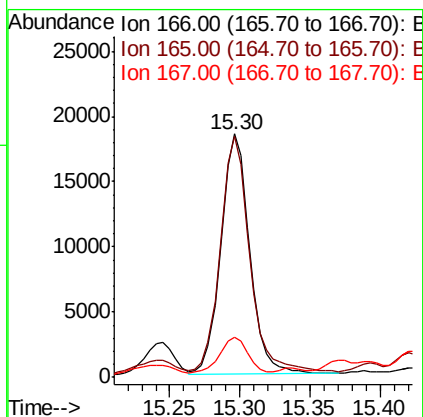
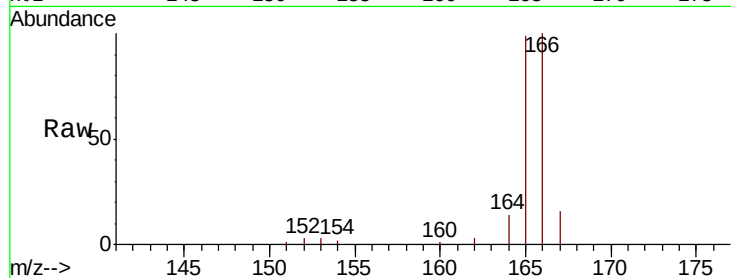
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





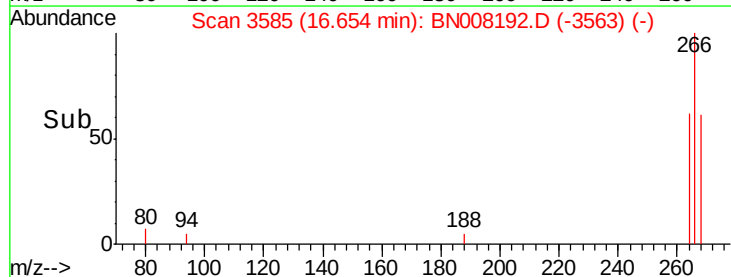
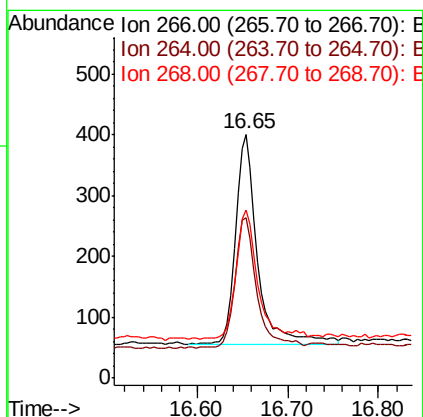
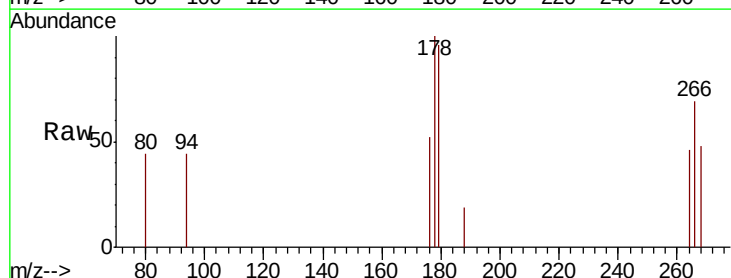
#9
Fluorene
 Concen: 0.641 ng/ul
 RT: 15.30 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: BN008192.D
 Acq: 16 Oct 2019 11:17

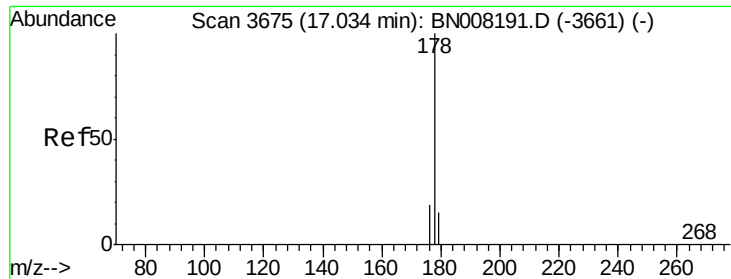
Tot Ion:166 Resp: 26271
 Ion Ratio Lower Upper
 166 100
 165 99.0 76.6 115.0
 167 16.4 11.7 17.5



#11
Pentachlorophenol
 Concen: 0.108 ng/ul
 RT: 16.65 min Scan# 3585
 Delta R.T. -0.01 min
 Lab File: BN008192.D
 Acq: 16 Oct 2019 11:17

Tgt Ion:266 Resp: 575
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.1 75.1
 268 63.1 51.9 77.9





#12

Phenanthrene

Concen: 8.694 ng/ul

RT: 17.03 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BN008192.D

Acq: 16 Oct 2019 11:17

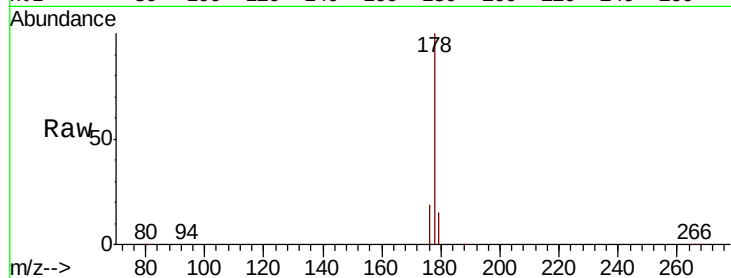
Tot Ion:178 Resp: 561391

Ion Ratio Lower Upper

178 100

179 15.5 12.8 19.2

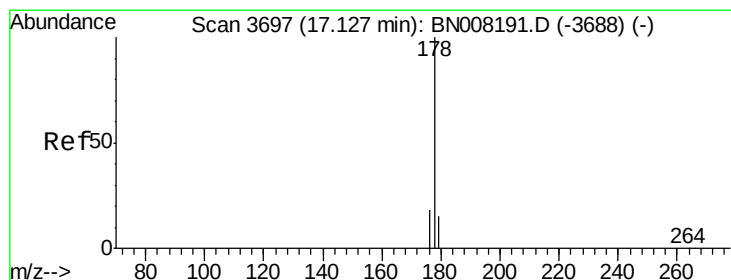
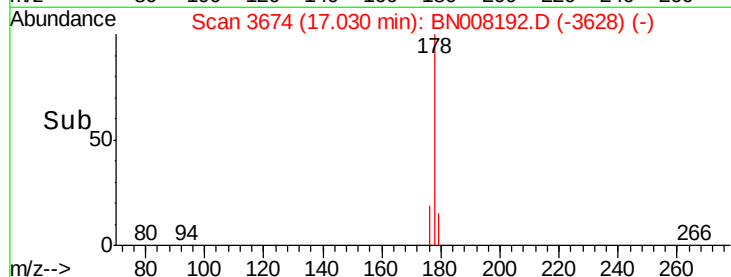
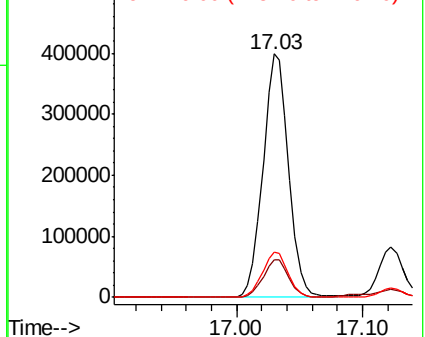
176 18.7 15.4 23.2



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: 1.873 ng/ul

RT: 17.12 min Scan# 3696

Delta R.T. -0.00 min

Lab File: BN008192.D

Acq: 16 Oct 2019 11:17

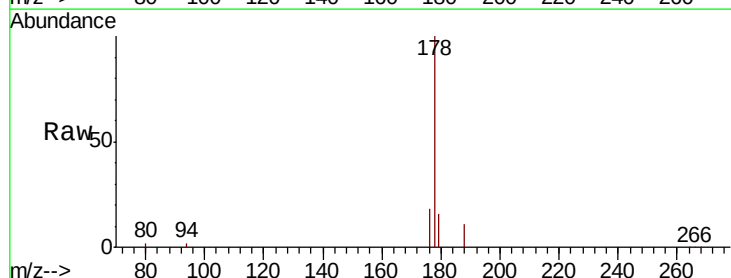
Tgt Ion:178 Resp: 106415

Ion Ratio Lower Upper

178 100

179 16.0 13.0 19.6

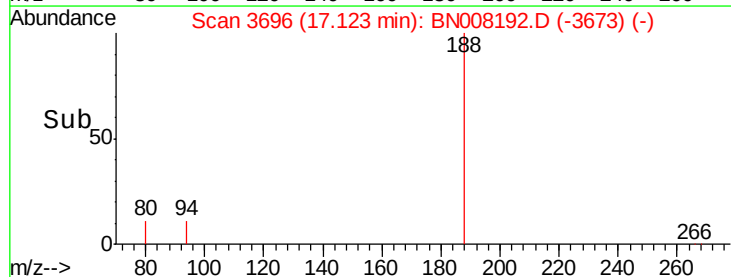
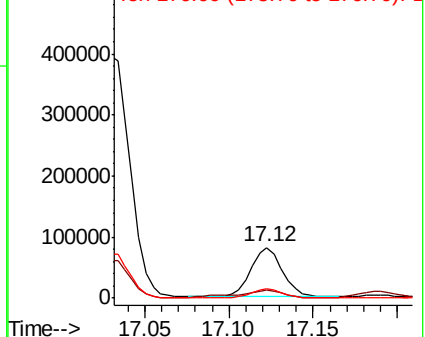
176 18.1 15.0 22.6

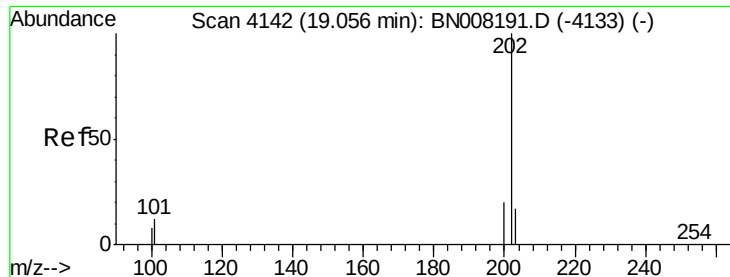


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 15.133 ng/ul

RT: 19.06 min Scan# 4142

Delta R.T. -0.00 min

Lab File: BN008192.D

Acq: 16 Oct 2019 11:17

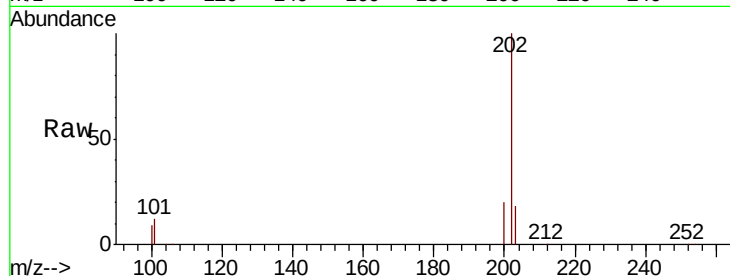
Tot Ion:202 Resp: 1290547

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.2

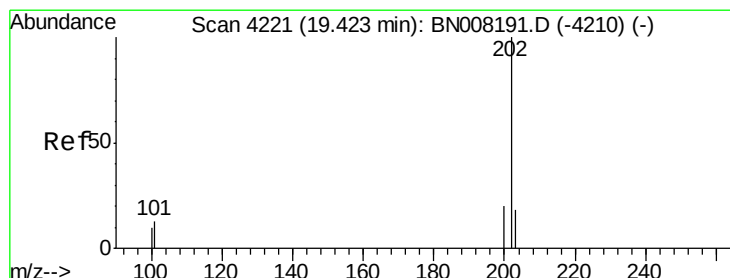
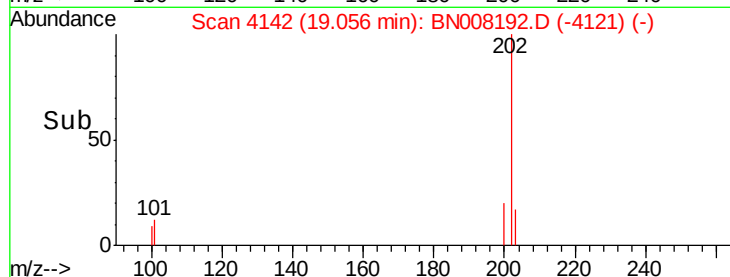
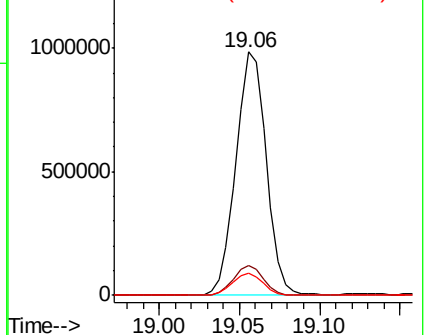
100 9.2 0.0 28.5



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: 19.830 ng/ul

RT: 19.42 min Scan# 4221

Delta R.T. -0.00 min

Lab File: BN008192.D

Acq: 16 Oct 2019 11:17

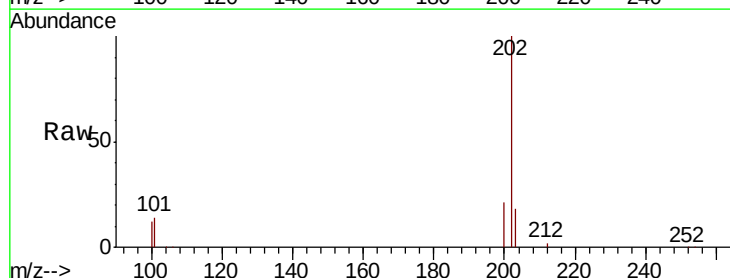
Tgt Ion:202 Resp: 1337346

Ion Ratio Lower Upper

202 100

101 14.2 10.9 16.3

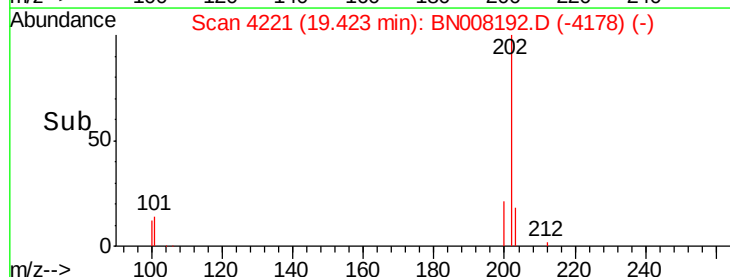
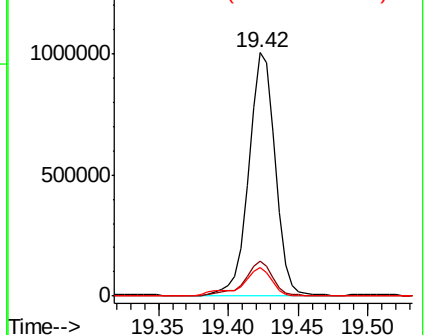
100 11.7 8.7 13.1

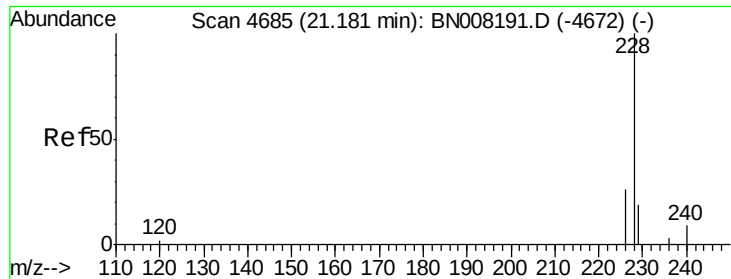


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

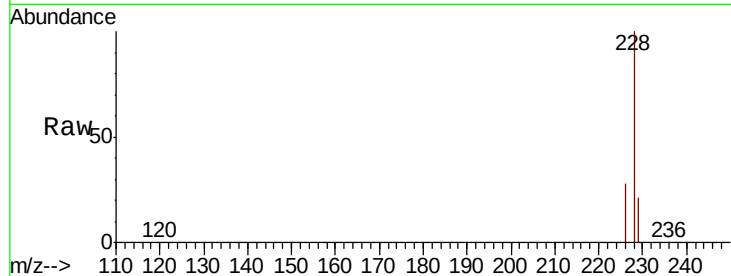
Ion 100.00 (99.70 to 100.70): B



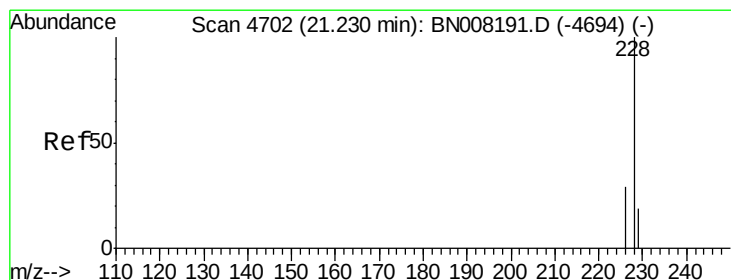
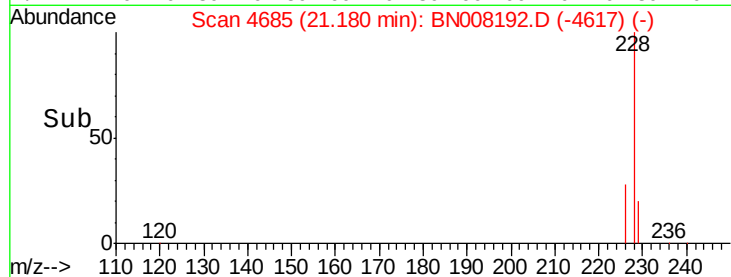
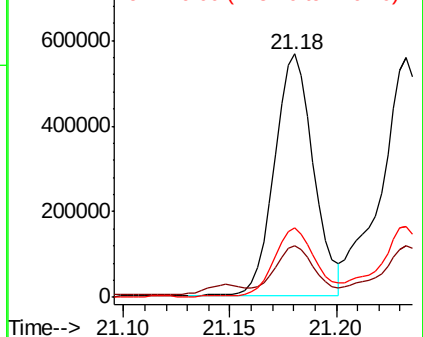


#18
Benzo(a)anthracene
Concen: 11.653 ng/ul
RT: 21.18 min Scan# 4685
Delta R.T. -0.00 min
Lab File: BN008192.D
Acq: 16 Oct 2019 11:17

Tot Ion:228 Resp: 717594
Ion Ratio Lower Upper
228 100
229 21.1 16.2 24.2
226 28.4 21.4 32.0

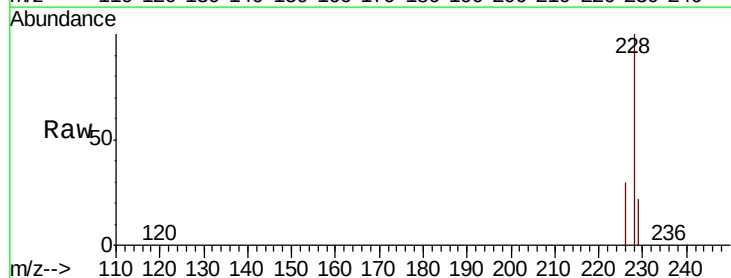


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

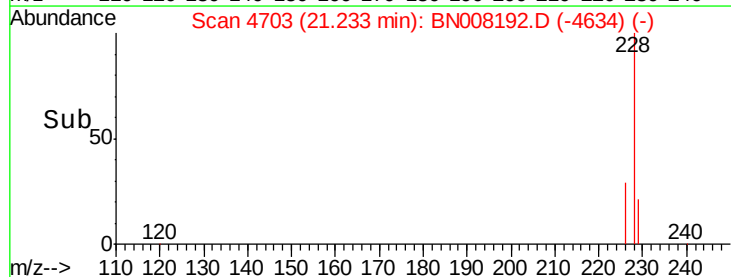
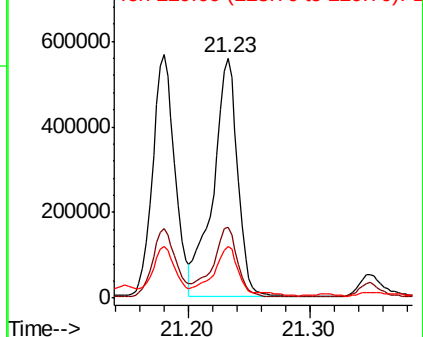


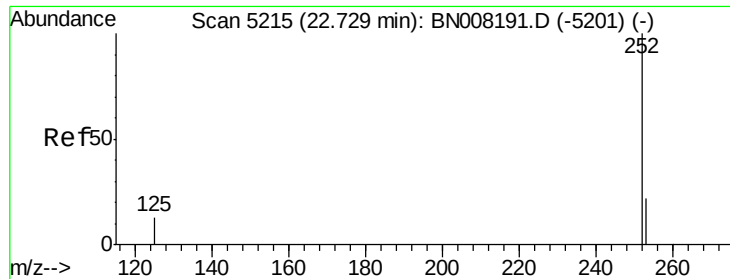
#19
Chrysene
Concen: 10.291 ng/ul
RT: 21.23 min Scan# 4703
Delta R.T. 0.00 min
Lab File: BN008192.D
Acq: 16 Oct 2019 11:17

Tgt Ion:228 Resp: 777717
Ion Ratio Lower Upper
228 100
226 29.6 24.1 36.1
229 21.7 16.2 24.2



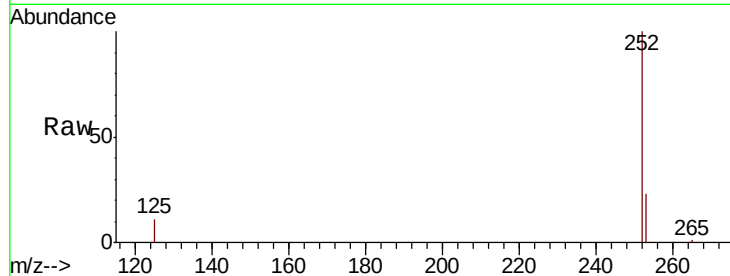
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



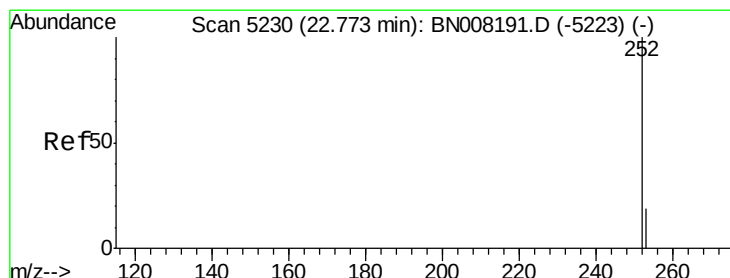
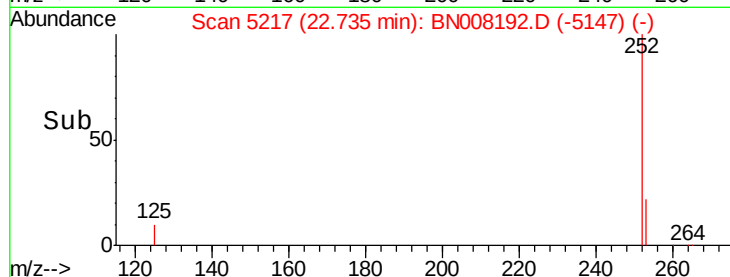
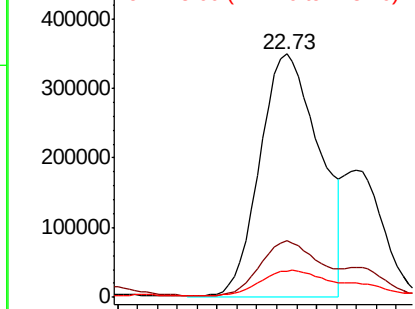


#21
Benzo(b)fluoranthene
Concen: 16.624 ng/ul m
RT: 22.73 min Scan# 5217
Delta R.T. 0.01 min
Lab File: BN008192.D
Acq: 16 Oct 2019 11:17

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	53.4
125	10.9	0.0	32.4

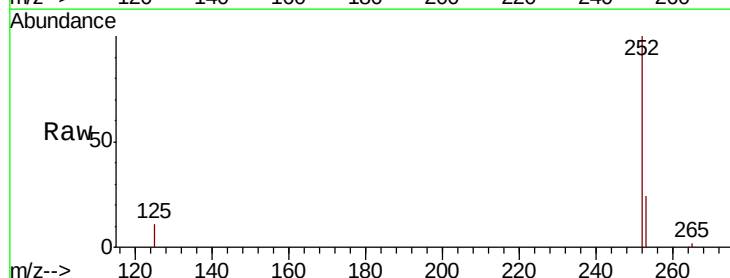


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

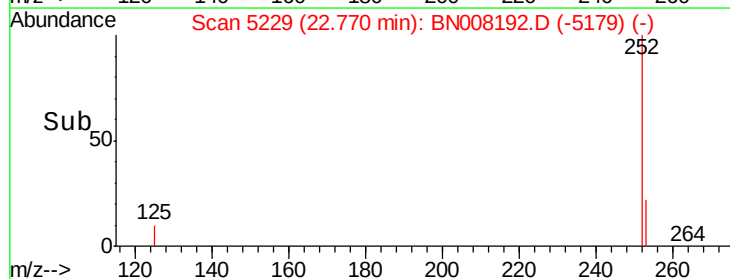
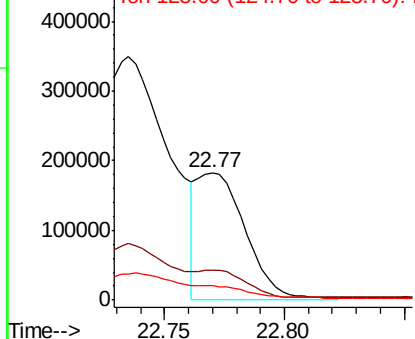


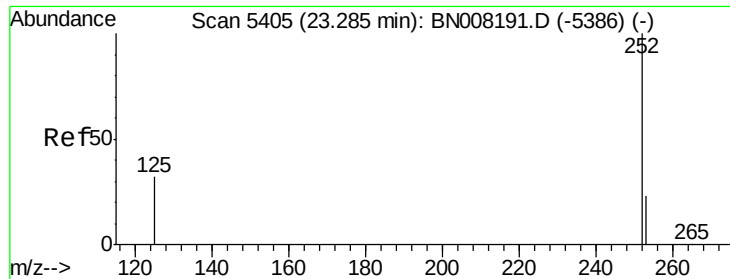
#22
Benzo(k)fluoranthene
Concen: 5.105 ng/ul m
RT: 22.77 min Scan# 5229
Delta R.T. -0.00 min
Lab File: BN008192.D
Acq: 16 Oct 2019 11:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	21.3	31.9
125	11.1	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: 11.628 ng/ul

RT: 23.29 min Scan# 5406

Delta R.T. 0.00 min

Lab File: BN008192.D

Acq: 16 Oct 2019 11:17

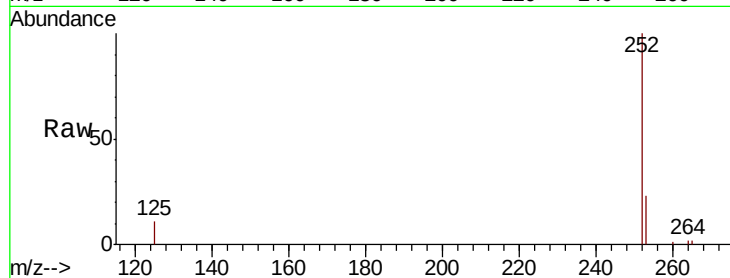
Tot Ion:252 Resp: 540239

Ion Ratio Lower Upper

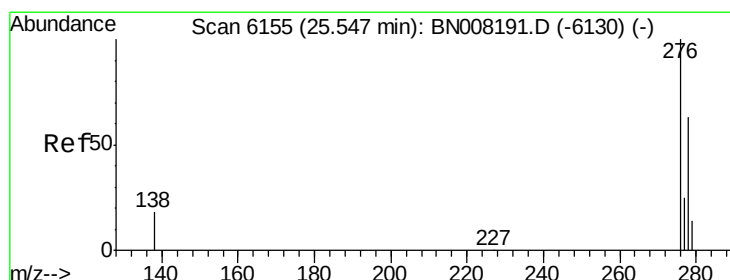
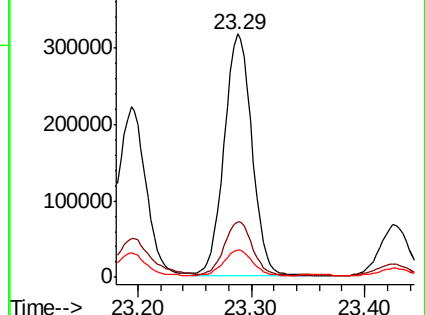
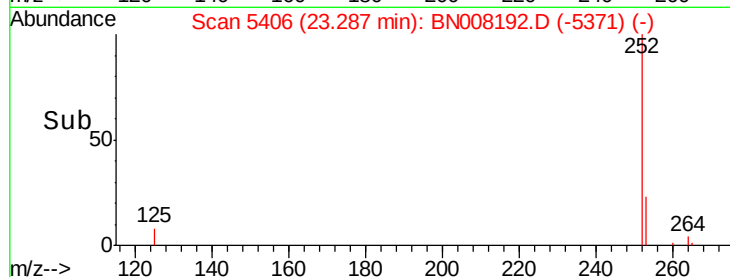
252 100

253 22.9 22.8 34.2

125 11.4 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: 5.827 ng/ul

RT: 25.55 min Scan# 6155

Delta R.T. -0.00 min

Lab File: BN008192.D

Acq: 16 Oct 2019 11:17

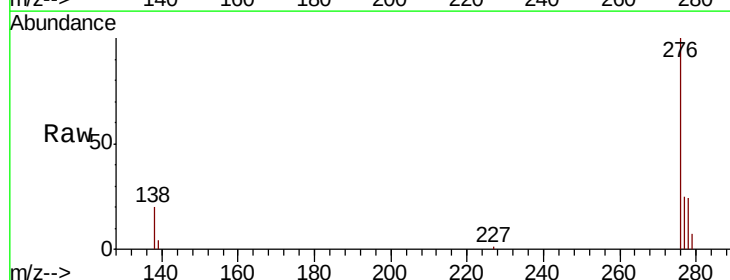
Tgt Ion:276 Resp: 318854

Ion Ratio Lower Upper

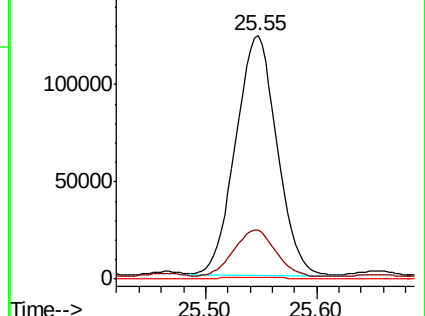
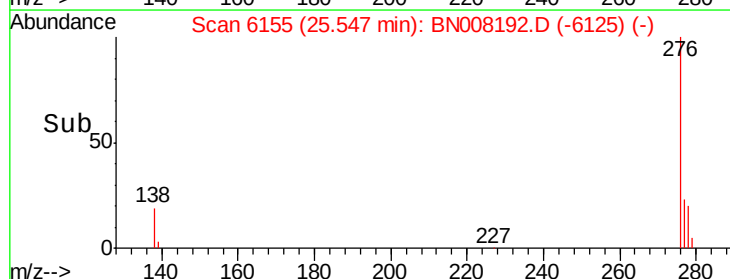
276 100

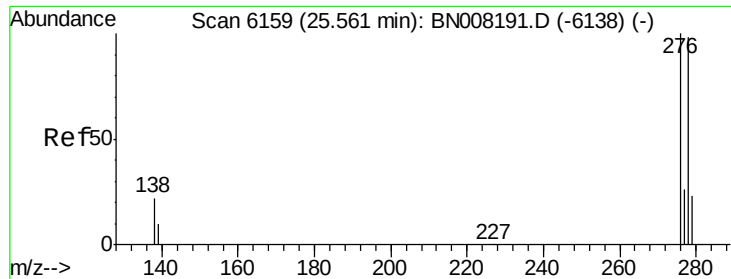
138 19.7 16.1 24.1

227 0.2 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: 2.037 ng/ul

RT: 25.55 min Scan# 6156

Delta R.T. -0.01 min

Lab File: BN008192.D

Acq: 16 Oct 2019 11:17

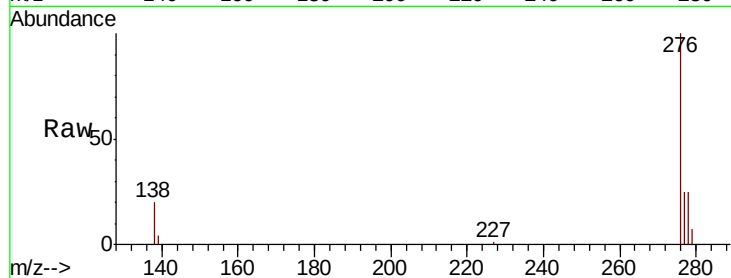
Tot Ion:278 Resp: 88089

Ion Ratio Lower Upper

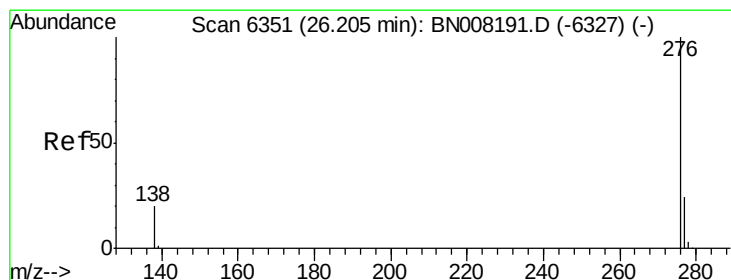
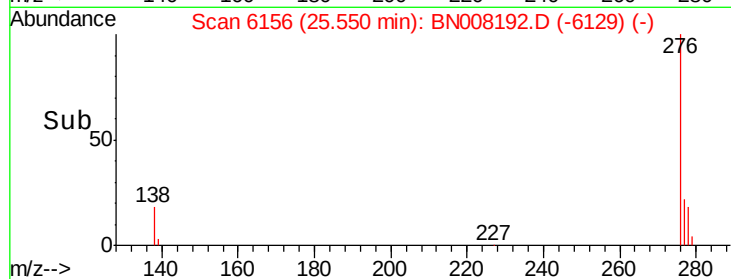
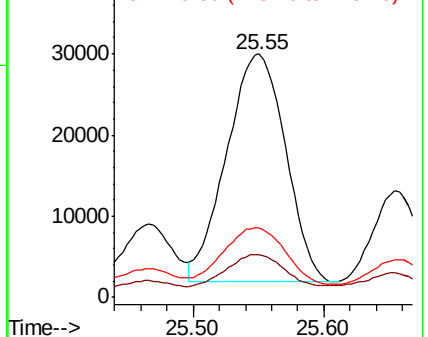
278 100

139 17.6 15.0 22.6

279 28.5 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: 5.586 ng/ul

RT: 26.20 min Scan# 6351

Delta R.T. -0.00 min

Lab File: BN008192.D

Acq: 16 Oct 2019 11:17

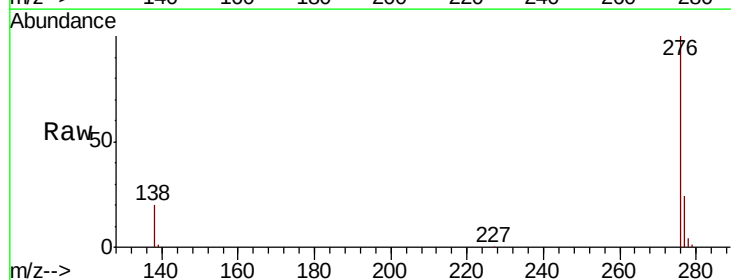
Tgt Ion:276 Resp: 280277

Ion Ratio Lower Upper

276 100

138 20.4 17.0 25.4

277 24.4 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

