

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101619\
 Data File : BN008193.D
 Acq On : 16 Oct 2019 11:53
 Operator : JU
 Sample : K5175-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 16 18:00:12 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

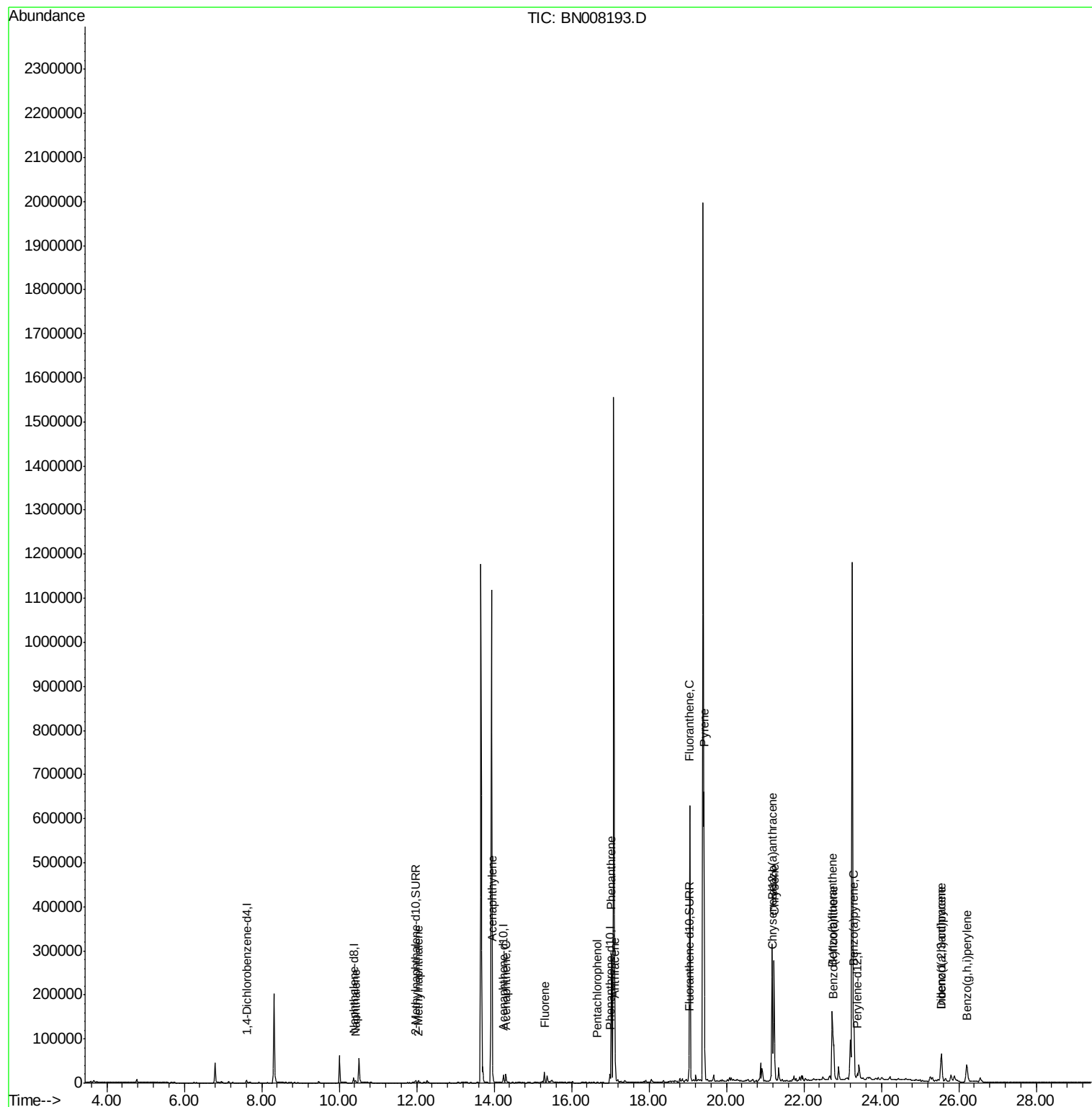
Response via : Initial Calibration

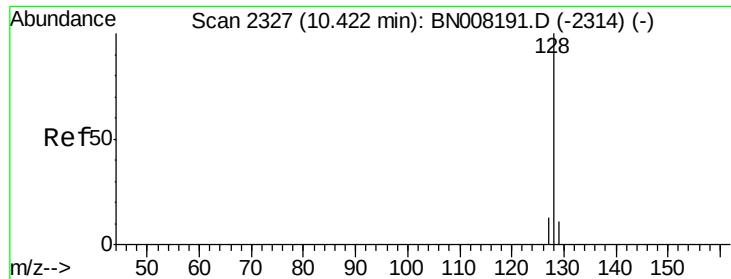
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3210	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15503	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	9782	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	21901m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	18559	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	15667	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	9418	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	27373	0.36	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.42	128	7642	0.173	ng/ul	100
5) 2-Methylnaphthalene	12.04	142	4374	0.144	ng/ul	100
7) Acenaphthylene	13.96	152	11450	0.246	ng/ul	98
8) Acenaphthene	14.31	153	11421	0.315	ng/ul	99
9) Fluorene	15.30	166	13940	0.339	ng/ul	97
11) Pentachlorophenol	16.65	266	169	0.032	ng/ul#	88
12) Phenanthrene	17.03	178	306179	4.775	ng/ul	99
13) Anthracene	17.12	178	58841	1.043	ng/ul	99
15) Fluoranthene	19.06	202	528399	6.239	ng/ul	98
17) Pyrene	19.42	202	498178	6.742	ng/ul	99
18) Benzo(a)anthracene	21.18	228	263677	3.908	ng/ul	98
19) Chrysene	21.23	228	267781	3.234	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	241902m	4.743	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	91601m	1.586	ng/ul	
23) Benzo(a)pyrene	23.29	252	180775	3.368	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.55	276	98427	1.557	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.55	278	25941	0.519	ng/ul	96
26) Benzo(g,h,i)perylene	26.21	276	83406	1.439	ng/ul	99

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

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#3

Naphthalene

Concen: 0.173 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. -0.00 min

Lab File: BN008193.D

Acq: 16 Oct 2019 11:53

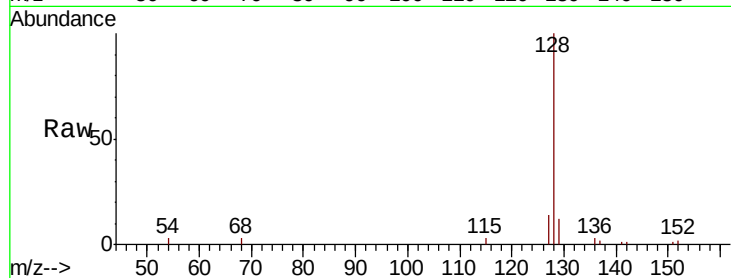
Tot Ion:128 Resp: 7642

Ion Ratio Lower Upper

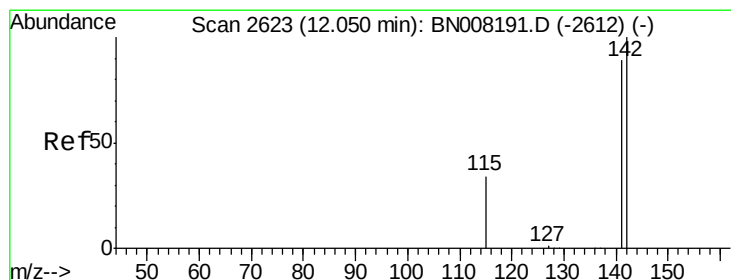
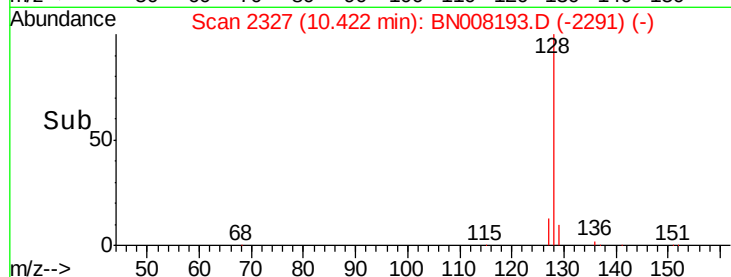
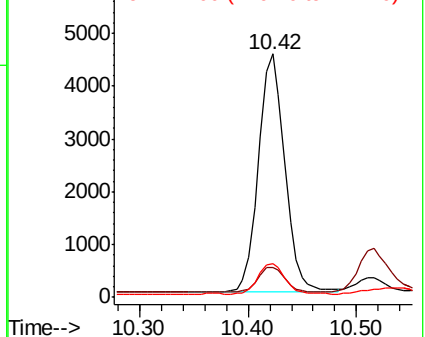
128 100

129 12.4 9.8 14.8

127 13.9 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: 0.144 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BN008193.D

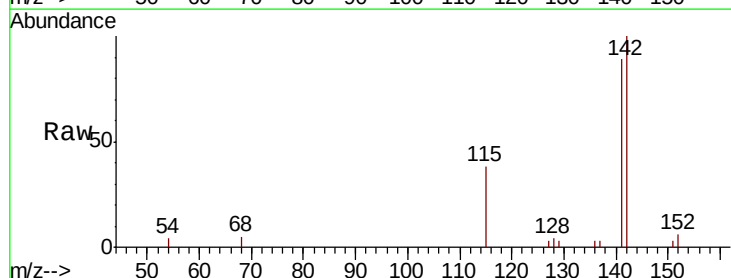
Acq: 16 Oct 2019 11:53

Tgt Ion:142 Resp: 4374

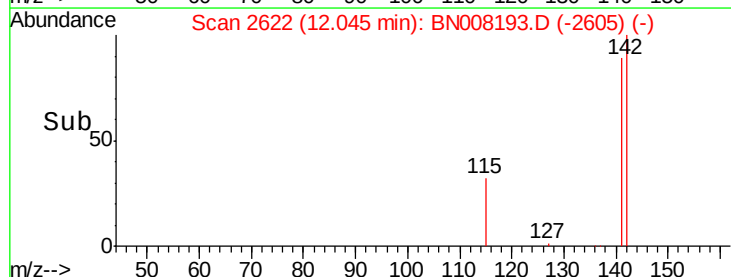
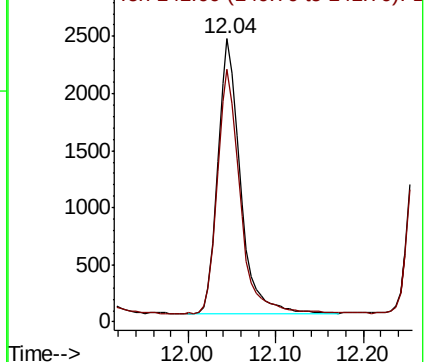
Ion Ratio Lower Upper

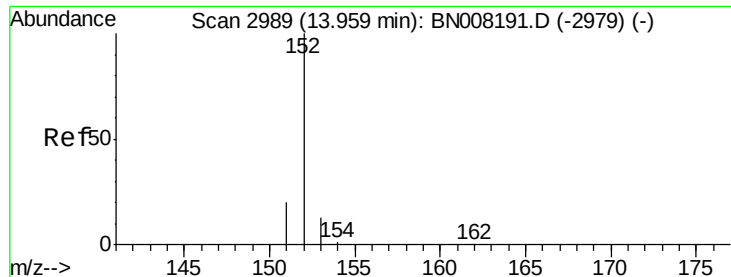
142 100

141 89.1 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: 0.246 ng/ul

RT: 13.96 min Scan# 2989

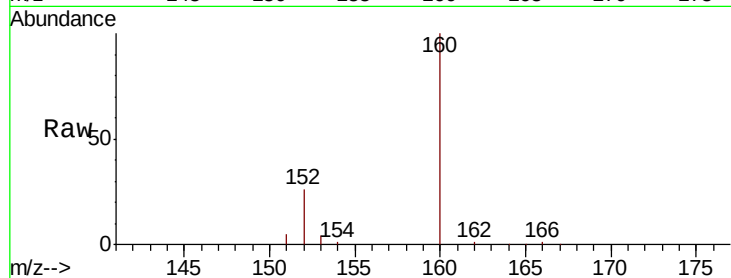
Delta R.T. -0.00 min

Lab File: BN008193.D

Acq: 16 Oct 2019 11:53

Tot Ion:152 Resp: 11450

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.2	24.4
153	14.8	11.0	16.4

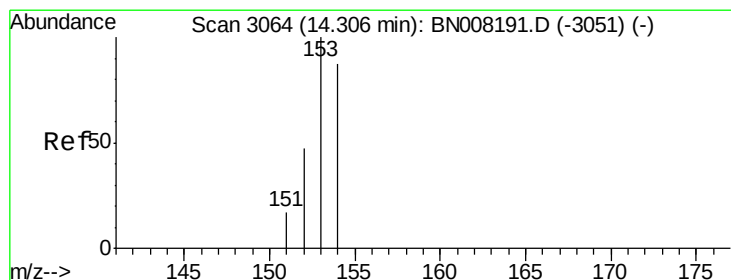
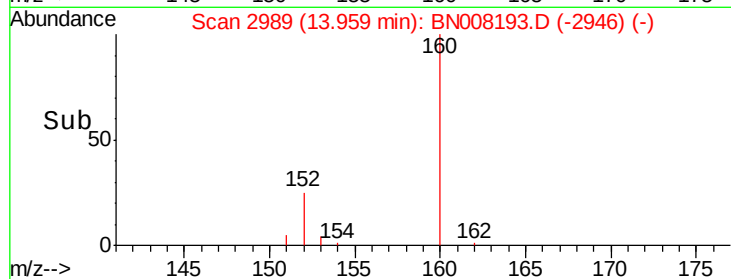
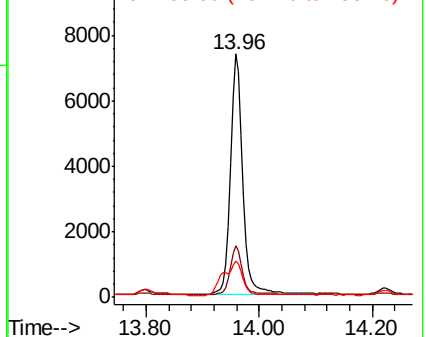


Abundance

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: 0.315 ng/ul

RT: 14.31 min Scan# 3064

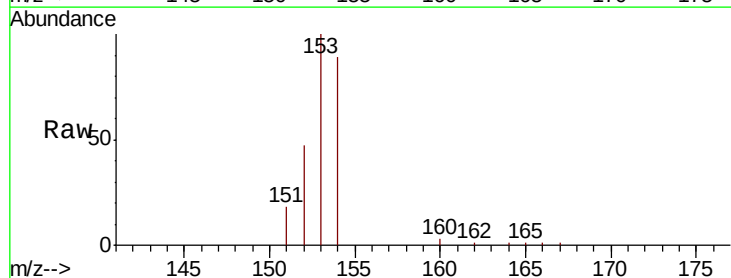
Delta R.T. -0.00 min

Lab File: BN008193.D

Acq: 16 Oct 2019 11:53

Tgt Ion:153 Resp: 11421

Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.2	57.2
154	89.2	71.8	107.8

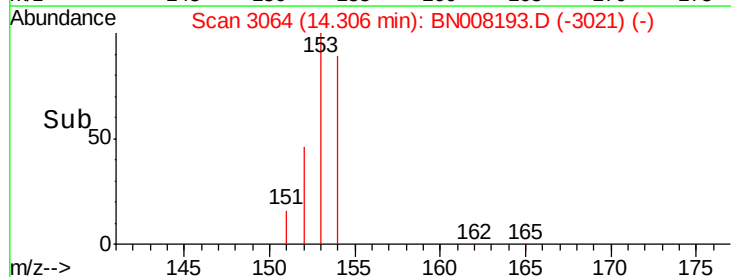
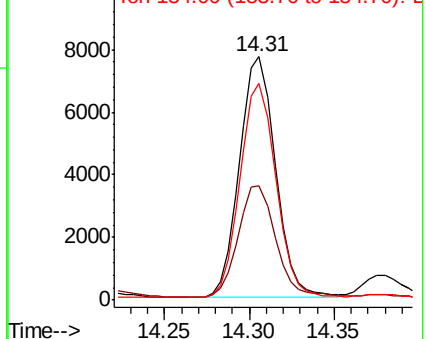


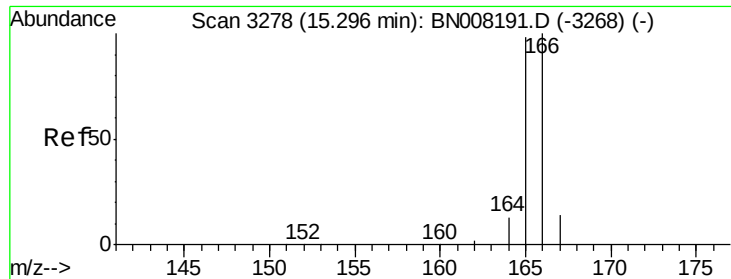
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

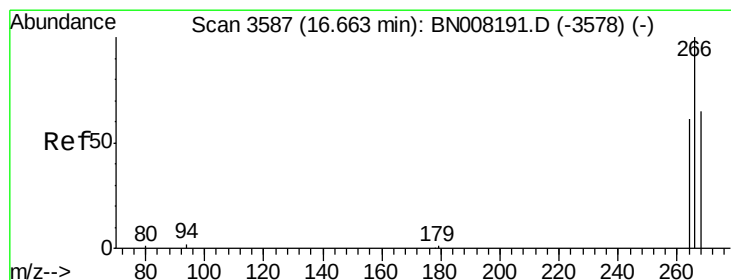
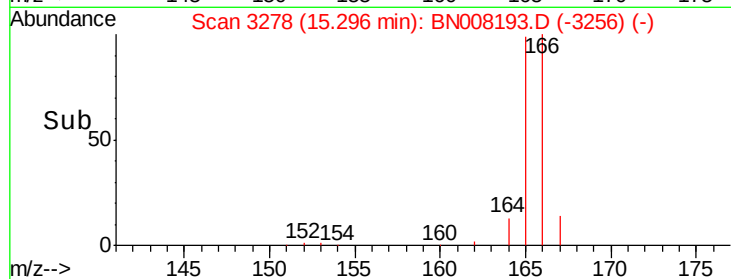
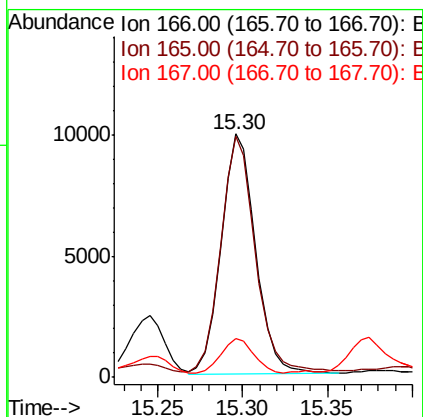
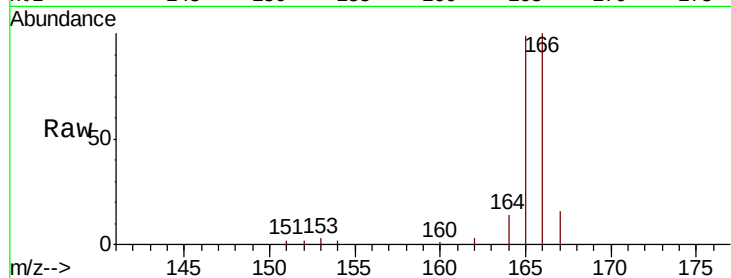
Ion 154.00 (153.70 to 154.70): E





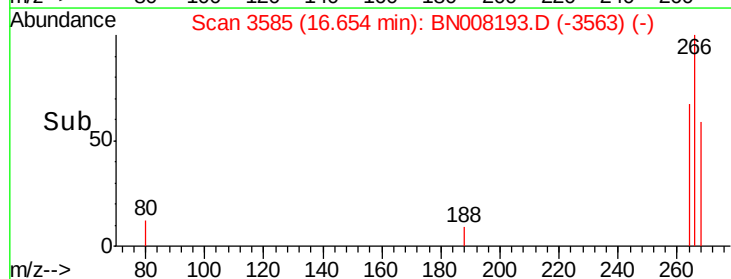
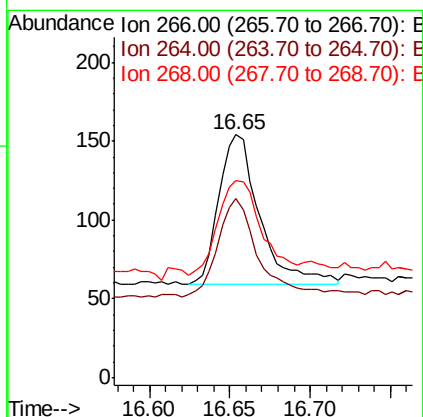
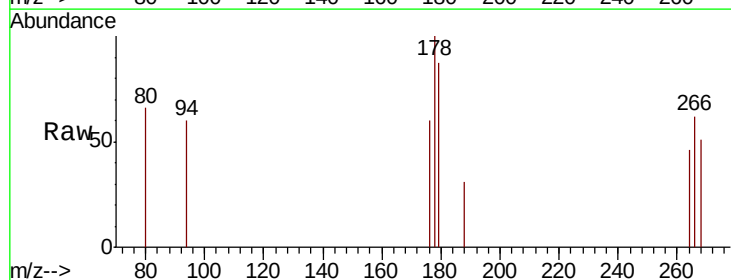
#9
Fluorene
 Concen: 0.339 ng/ul
 RT: 15.30 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: BN008193.D
 Acq: 16 Oct 2019 11:53

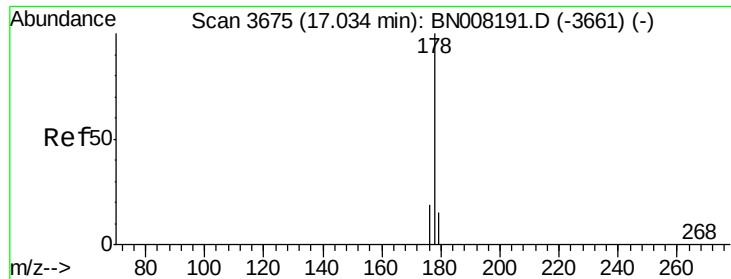
Tot Ion:166 Resp: 13940
 Ion Ratio Lower Upper
 166 100
 165 99.2 76.6 115.0
 167 16.1 11.7 17.5



#11
Pentachlorophenol
 Concen: 0.032 ng/ul
 RT: 16.65 min Scan# 3585
 Delta R.T. -0.01 min
 Lab File: BN008193.D
 Acq: 16 Oct 2019 11:53

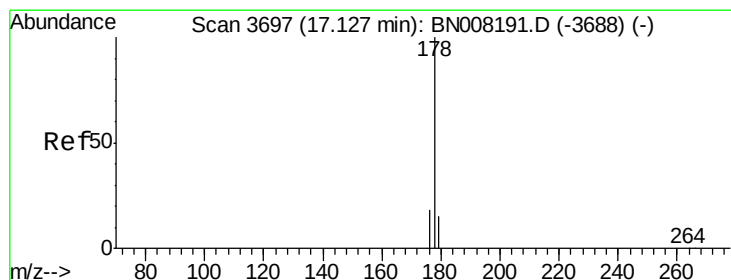
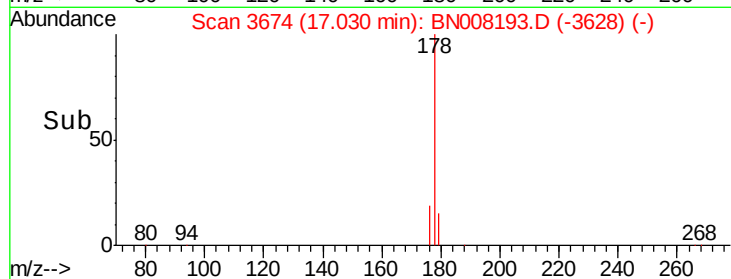
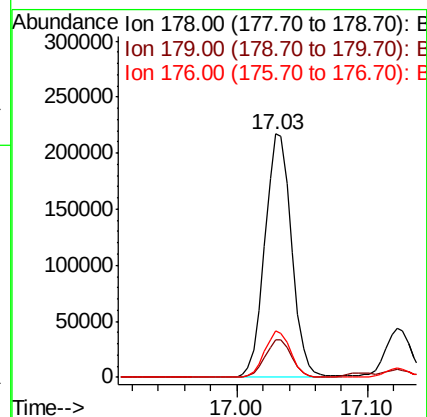
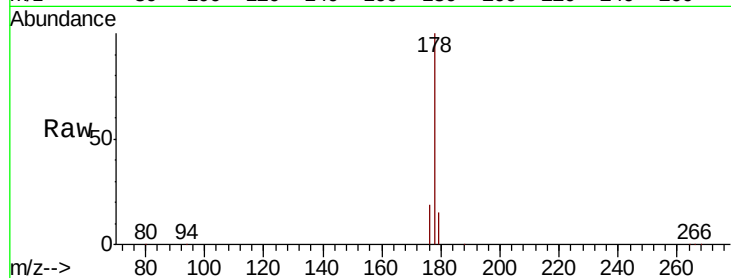
Tgt Ion:266 Resp: 169
 Ion Ratio Lower Upper
 266 100
 264 67.5 50.1 75.1
 268 79.3 51.9 77.9#





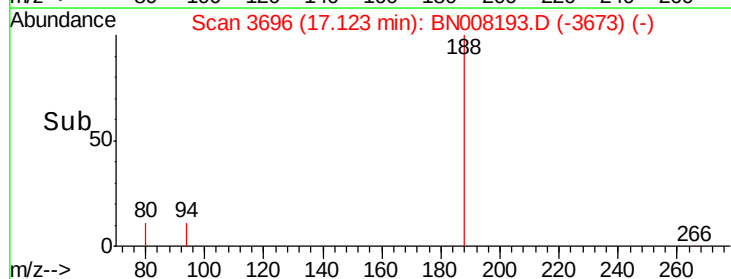
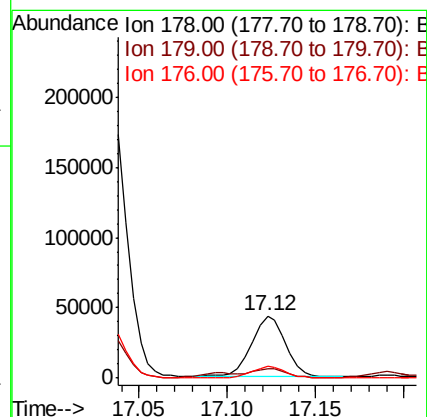
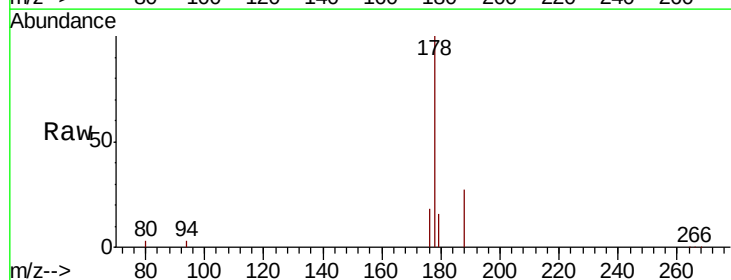
#12
Phenanthrene
Concen: 4.775 ng/ul
RT: 17.03 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BN008193.D
Acq: 16 Oct 2019 11:53

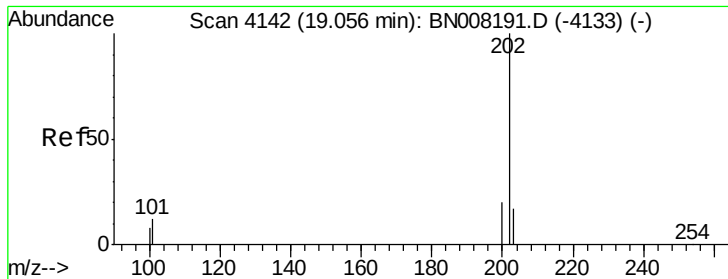
Tot Ion:178	Resp:	306179
Ion Ratio	Lower	Upper
178	100	
179	15.3	12.8 19.2
176	19.0	15.4 23.2



#13
Anthracene
Concen: 1.043 ng/ul
RT: 17.12 min Scan# 3696
Delta R.T. -0.00 min
Lab File: BN008193.D
Acq: 16 Oct 2019 11:53

Tgt Ion:178	Resp:	58841
Ion Ratio	Lower	Upper
178	100	
179	15.8	13.0 19.6
176	18.4	15.0 22.6





#15

Fluoranthene

Concen: 6.239 ng/ul

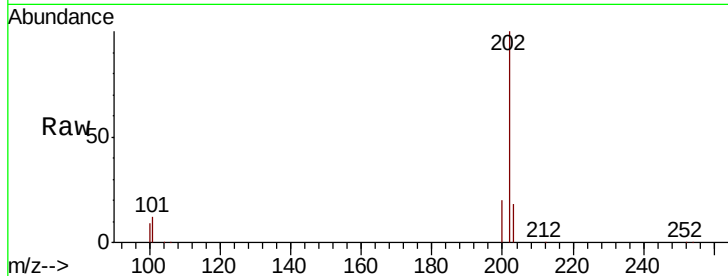
RT: 19.06 min Scan# 4142

Delta R.T. -0.00 min

Lab File: BN008193.D

Acq: 16 Oct 2019 11:53

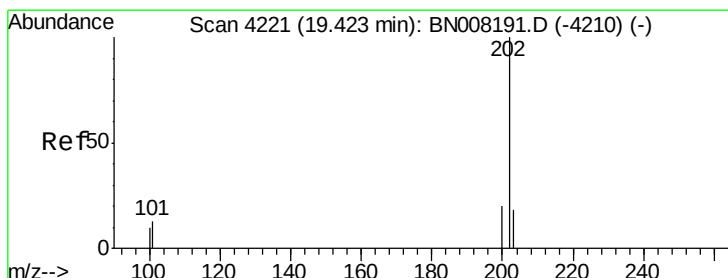
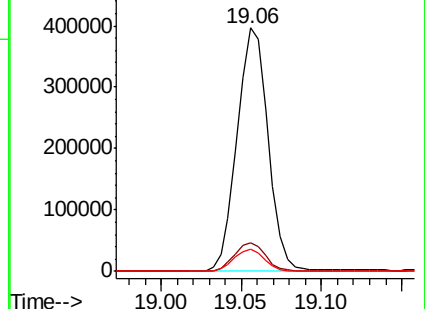
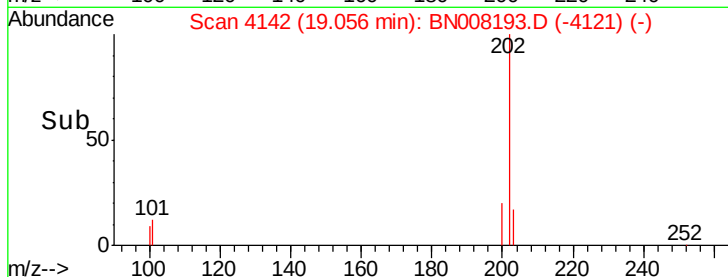
Tot Ion:	202	Resp:	528399
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.2
100	9.1	0.0	28.5



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: 6.742 ng/ul

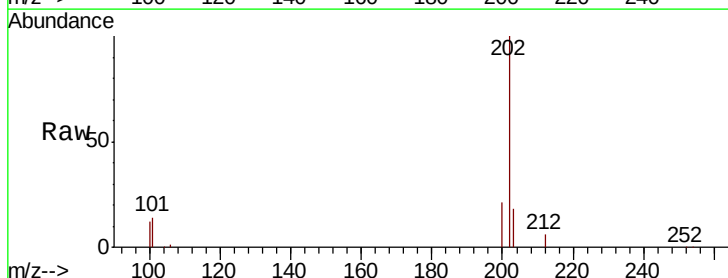
RT: 19.42 min Scan# 4221

Delta R.T. -0.00 min

Lab File: BN008193.D

Acq: 16 Oct 2019 11:53

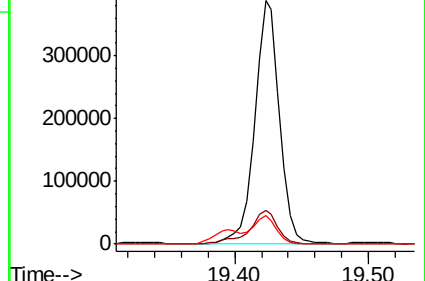
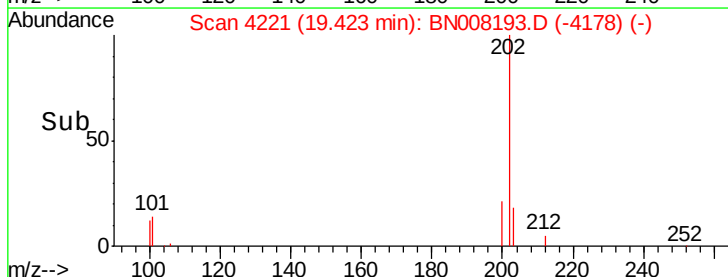
Tgt Ion:	202	Resp:	498178
Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.9	16.3
100	11.5	8.7	13.1

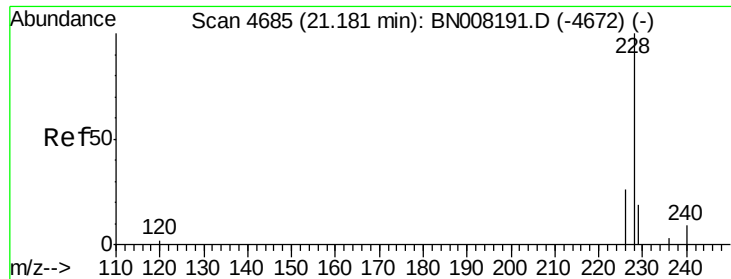


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

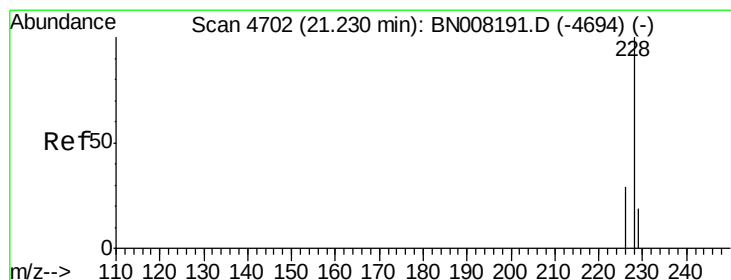
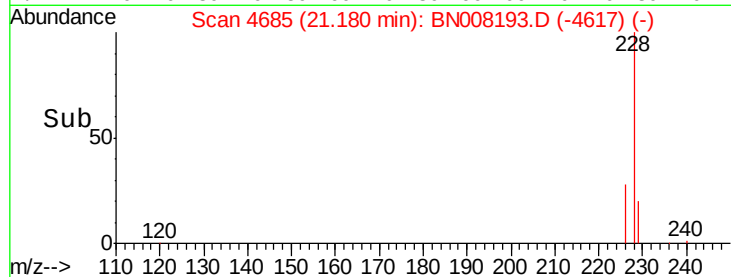
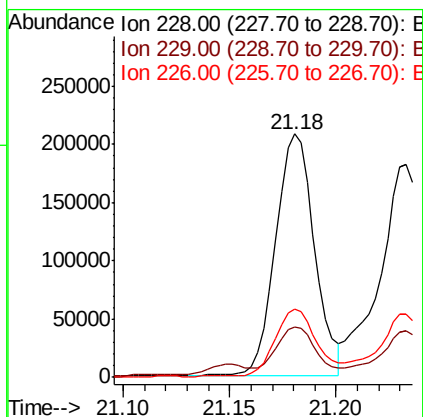
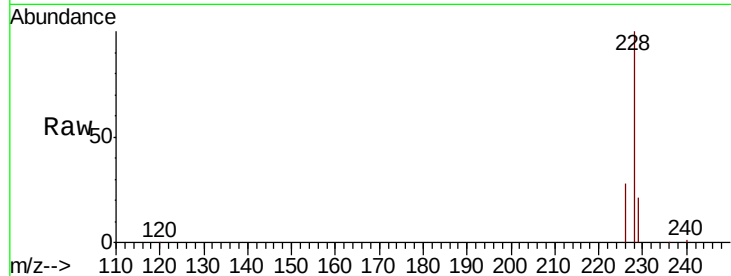
Ion 100.00 (99.70 to 100.70): B





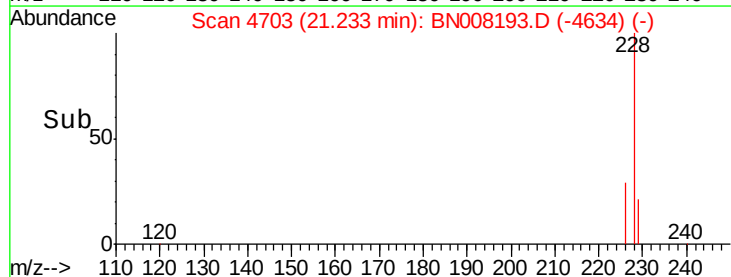
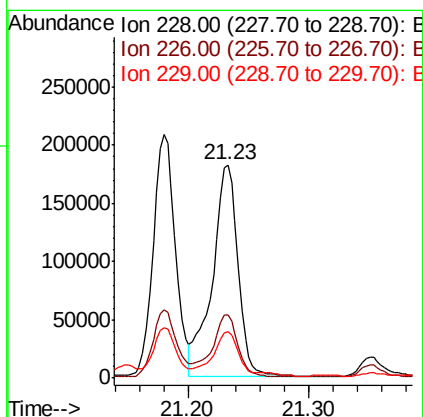
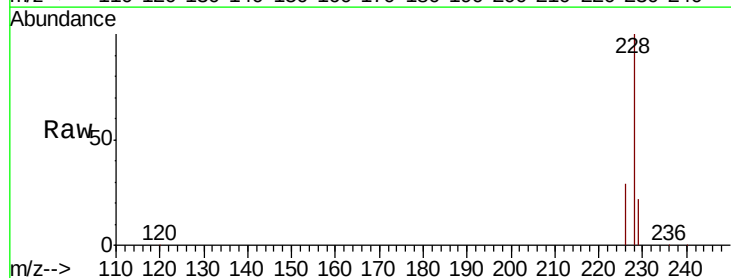
#18
Benzo(a)anthracene
Concen: 3.908 ng/ul
RT: 21.18 min Scan# 4685
Delta R.T. -0.00 min
Lab File: BN008193.D
Acq: 16 Oct 2019 11:53

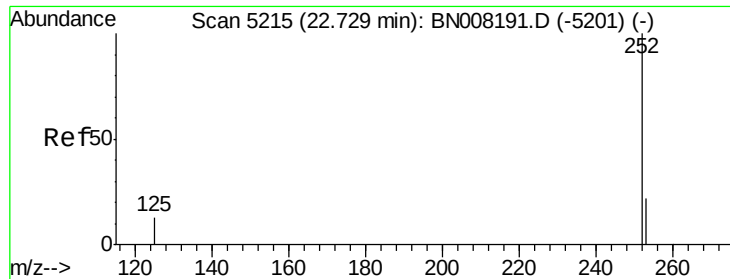
Tot Ion:228 Resp: 263677
Ion Ratio Lower Upper
228 100
229 20.9 16.2 24.2
226 28.0 21.4 32.0



#19
Chrysene
Concen: 3.234 ng/ul
RT: 21.23 min Scan# 4703
Delta R.T. 0.00 min
Lab File: BN008193.D
Acq: 16 Oct 2019 11:53

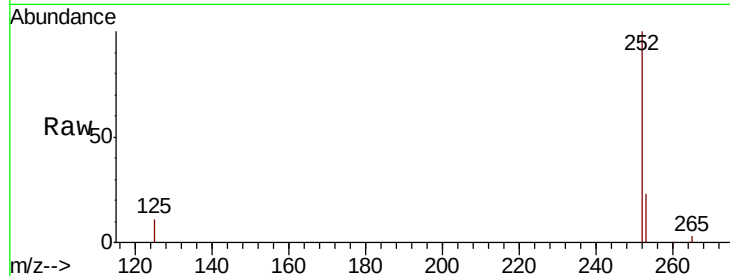
Tgt Ion:228 Resp: 267781
Ion Ratio Lower Upper
228 100
226 29.5 24.1 36.1
229 21.8 16.2 24.2



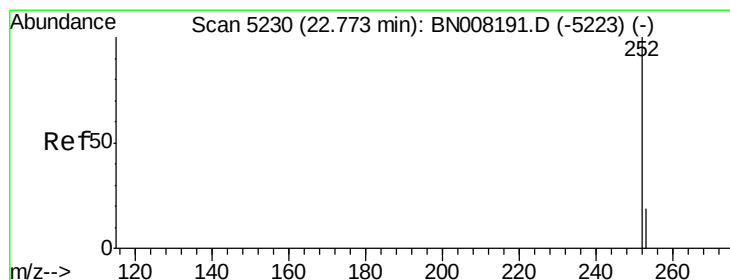
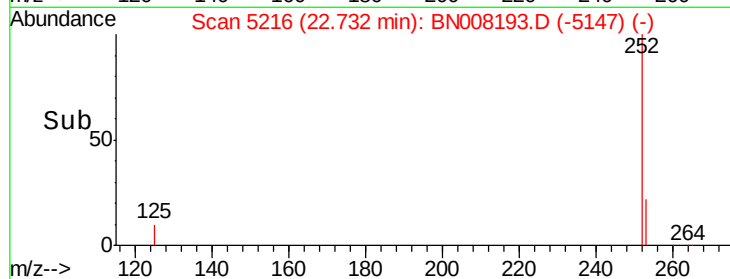
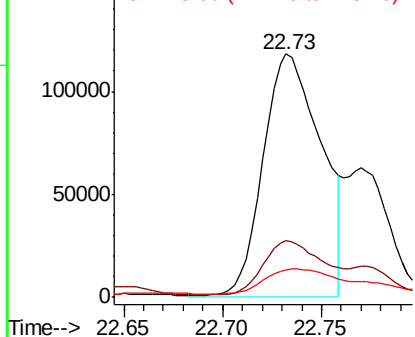


#21
Benzo(b)fluoranthene
Concen: 4.743 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. 0.00 min
Lab File: BN008193.D
Acq: 16 Oct 2019 11:53

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	53.4
125	11.4	0.0	32.4

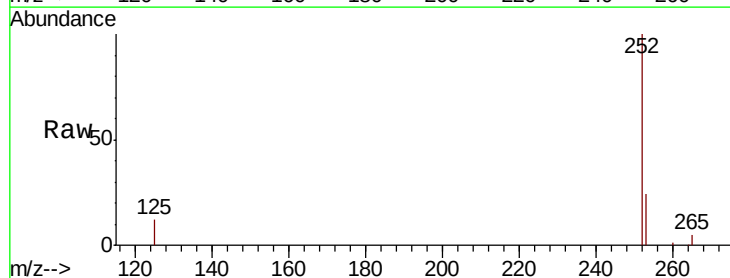


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

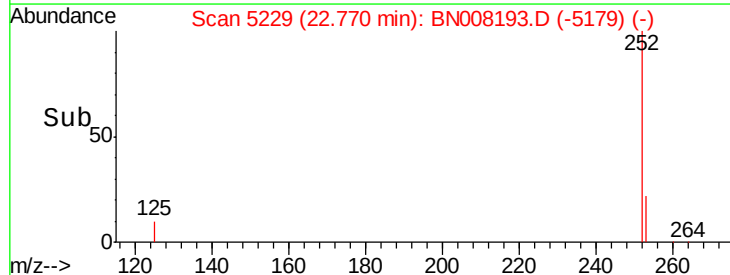
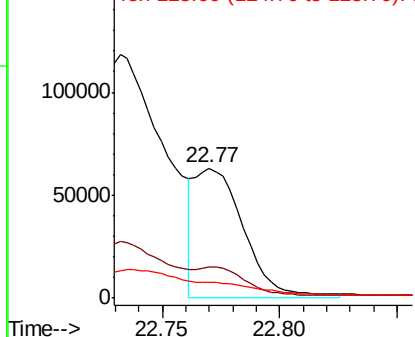


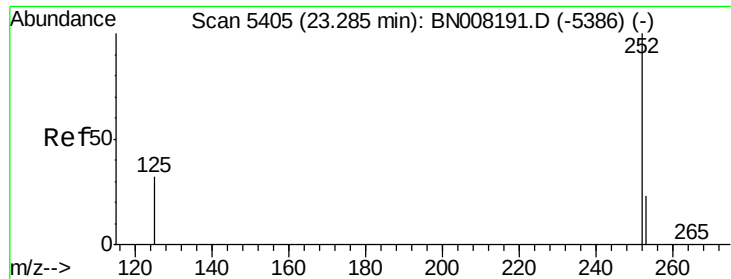
#22
Benzo(k)fluoranthene
Concen: 1.586 ng/ul m
RT: 22.77 min Scan# 5229
Delta R.T. -0.00 min
Lab File: BN008193.D
Acq: 16 Oct 2019 11:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	21.3	31.9
125	12.2	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: 3.368 ng/ul

RT: 23.29 min Scan# 5406

Delta R.T. 0.00 min

Lab File: BN008193.D

Acq: 16 Oct 2019 11:53

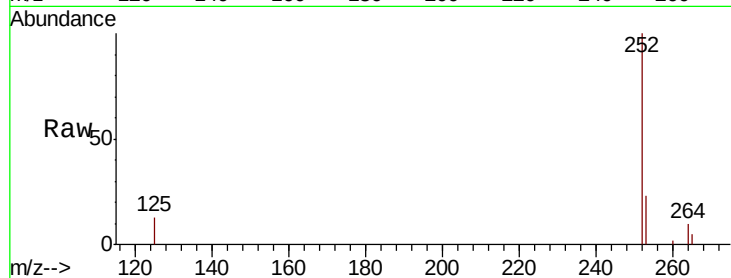
Tot Ion:252 Resp: 180775

Ion Ratio Lower Upper

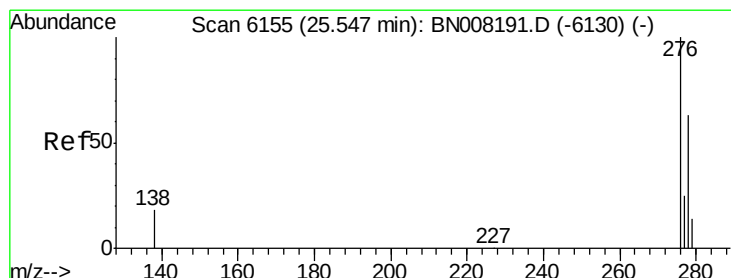
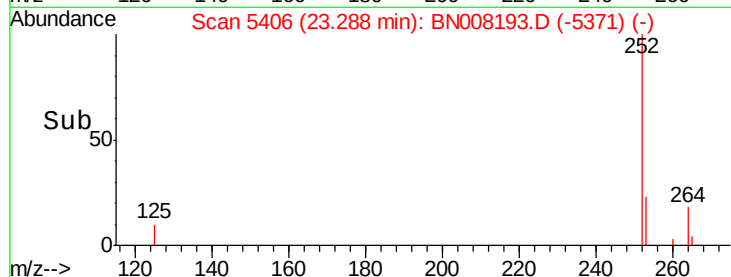
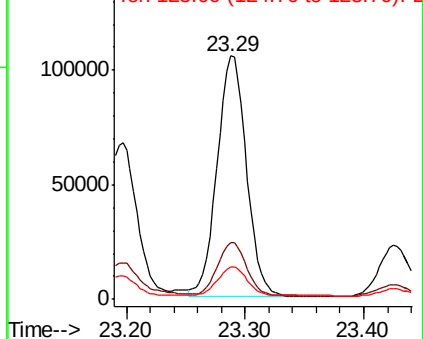
252 100

253 23.2 22.8 34.2

125 13.1 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: 1.557 ng/ul

RT: 25.55 min Scan# 6155

Delta R.T. -0.00 min

Lab File: BN008193.D

Acq: 16 Oct 2019 11:53

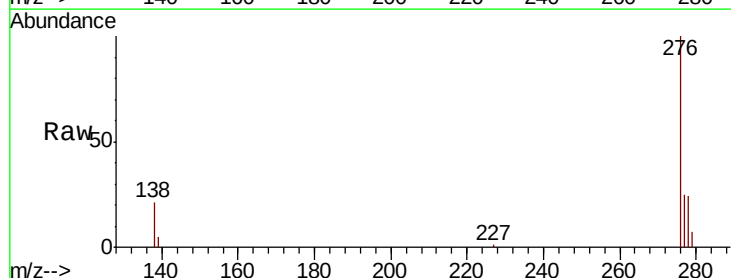
Tgt Ion:276 Resp: 98427

Ion Ratio Lower Upper

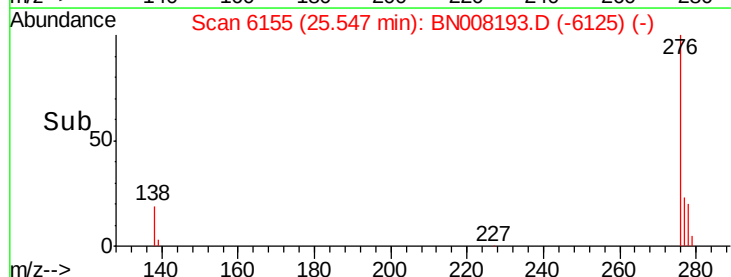
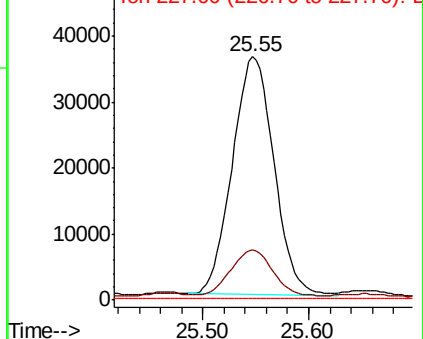
276 100

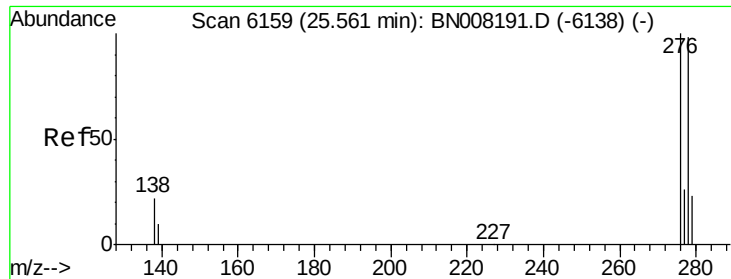
138 19.2 16.1 24.1

227 0.2 0.2 0.2#



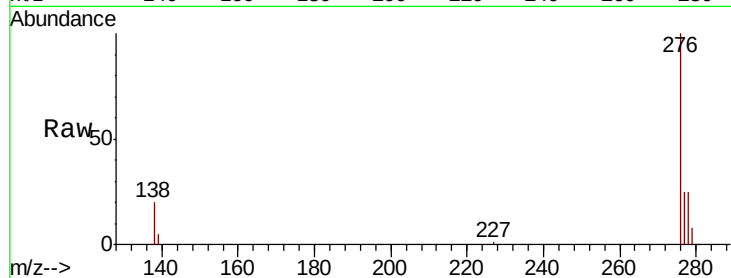
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



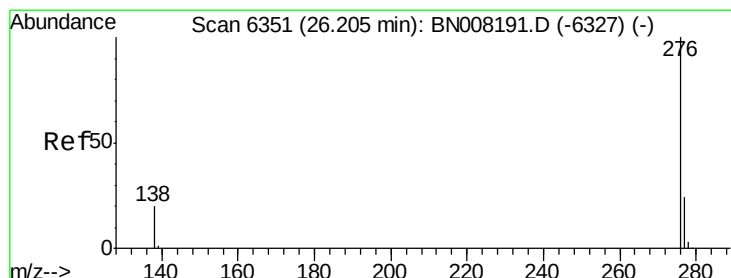
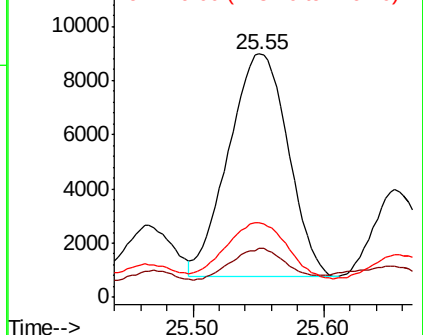
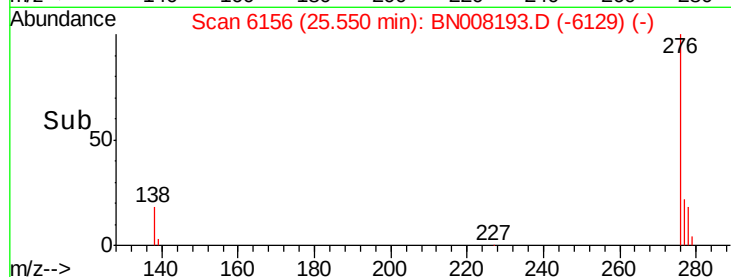


#25
Dibenzo(a,h)anthracene
Concen: 0.519 ng/ul
RT: 25.55 min Scan# 6156
Delta R.T. -0.01 min
Lab File: BN008193.D
Acq: 16 Oct 2019 11:53

Tot Ion: 278 Resp: 25941
Ion Ratio Lower Upper
278 100
139 20.1 15.0 22.6
279 30.6 22.4 33.6

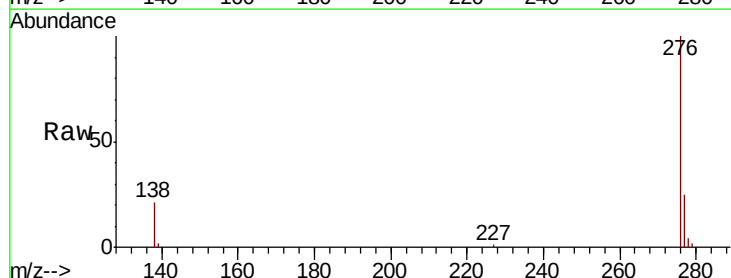


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 1.439 ng/ul
RT: 26.21 min Scan# 6352
Delta R.T. 0.00 min
Lab File: BN008193.D
Acq: 16 Oct 2019 11:53

Tgt Ion: 276 Resp: 83406
Ion Ratio Lower Upper
276 100
138 21.2 17.0 25.4
277 24.8 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

