

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101619\
 Data File : BN008207.D
 Acq On : 16 Oct 2019 20:19
 Operator : JU
 Sample : K5124-10DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

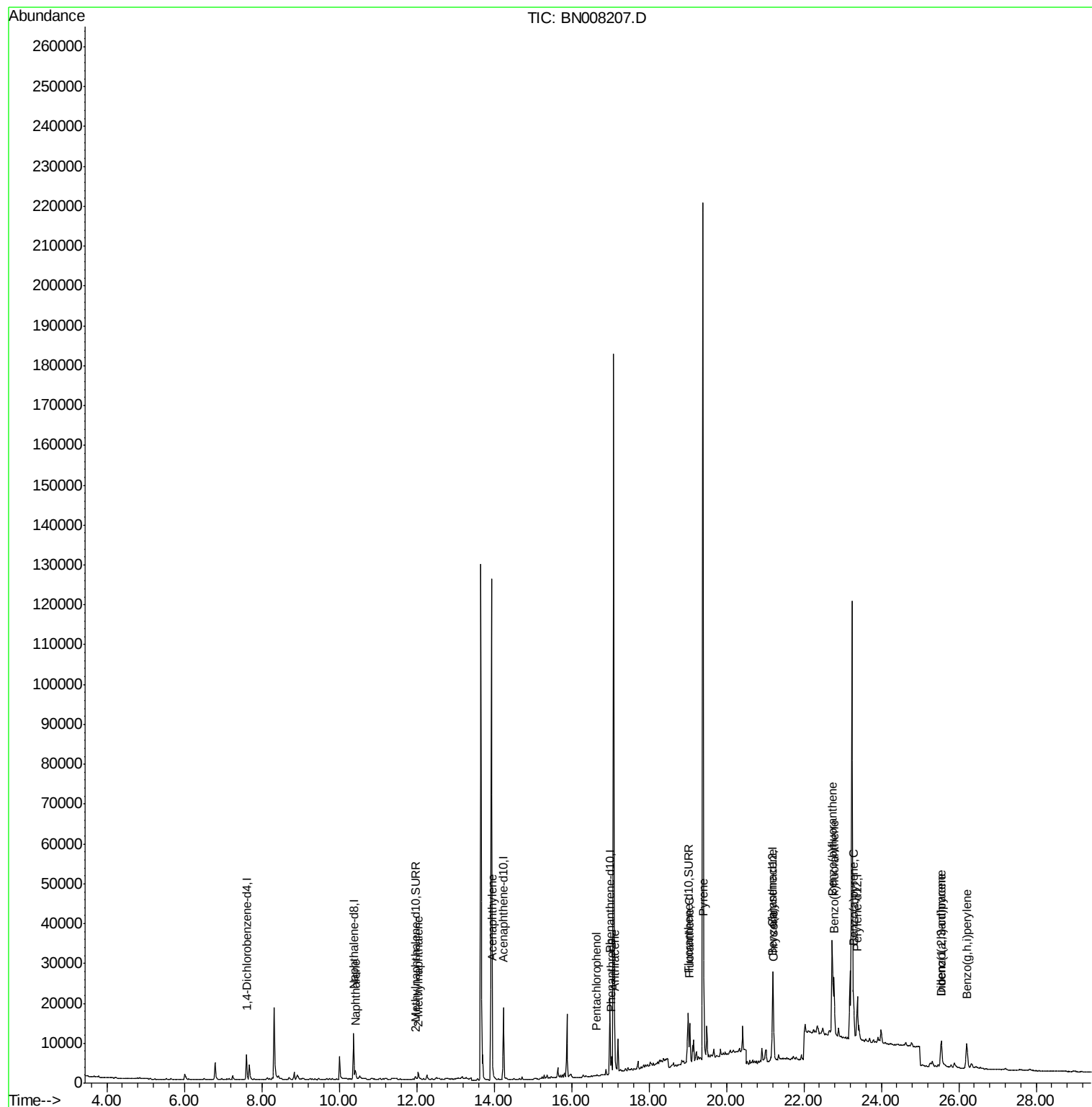
Quant Time: Oct 17 12:54:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 17 01:48:53 2019
 Response via : Initial Calibration

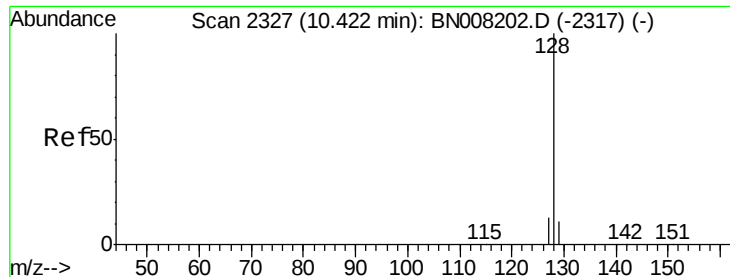
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3253	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15729	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	10214	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	21887m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	15091	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	12476	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1046	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	2780	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	3082	0.069	ng/ul#	93
5) 2-Methylnaphthalene	12.04	142	1413	0.046	ng/ul	99
7) Acenaphthylene	13.96	152	1155	0.024	ng/ul#	79
11) Pentachlorophenol	16.65	266	157	0.030	ng/ul#	84
12) Phenanthrene	17.03	178	4558	0.071	ng/ul#	83
13) Anthracene	17.12	178	1147	0.020	ng/ul#	50
15) Fluoranthene	19.06	202	7113	0.084	ng/ul	90
17) Pyrene	19.42	202	13562	0.226	ng/ul	97
18) Benzo(a)anthracene	21.18	228	3497	0.064	ng/ul#	48
19) Chrysene	21.22	228	4074m	0.061	ng/ul	
21) Benzo(b)fluoranthene	22.73	252	35880m	0.883	ng/ul	
22) Benzo(k)fluoranthene	22.77	252	9410m	0.205	ng/ul	
23) Benzo(a)pyrene	23.28	252	13967	0.327	ng/ul#	54
24) Indeno(1,2,3-cd)pyrene	25.55	276	11126	0.221	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.55	278	2400	0.060	ng/ul#	1
26) Benzo(a,h,i)perylene	26.21	276	13017	0.282	ng/ul#	84

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

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#3

Naphthalene

Concen: 0.069 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BN008207.D

Acq: 16 Oct 2019 20:19

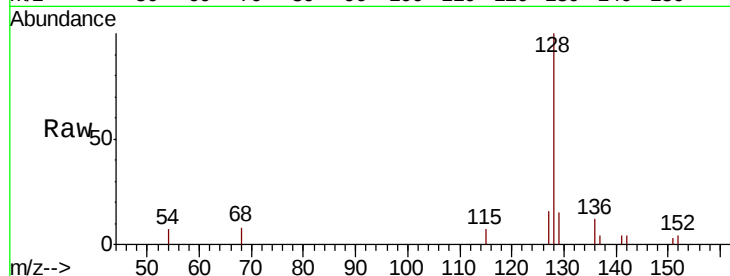
Tot Ion:128 Resp: 3082

Ion Ratio Lower Upper

128 100

129 15.5 9.8 14.8#

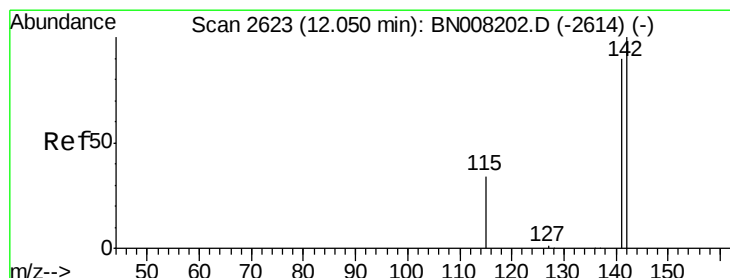
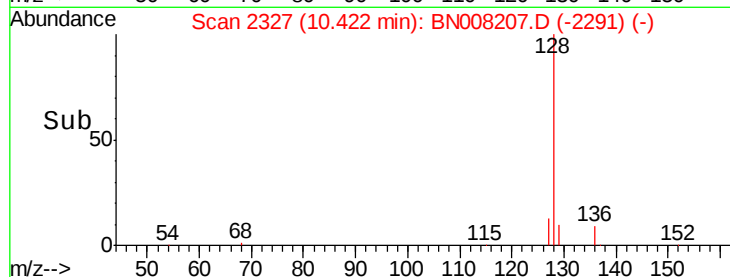
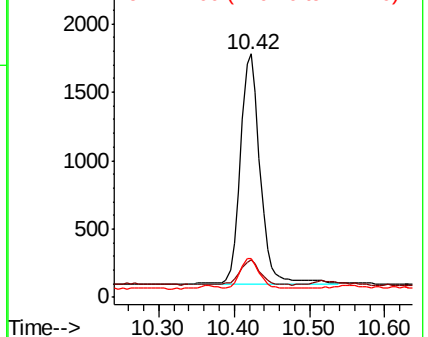
127 16.0 11.1 16.7



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: 0.046 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BN008207.D

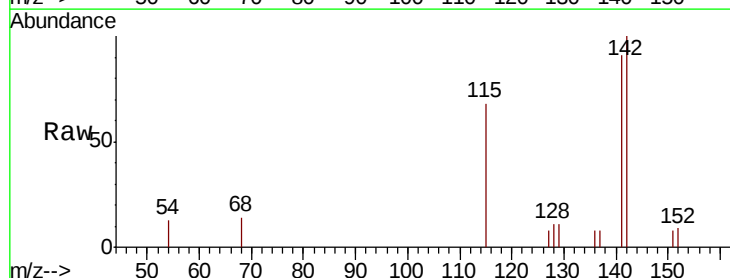
Acq: 16 Oct 2019 20:19

Tgt Ion:142 Resp: 1413

Ion Ratio Lower Upper

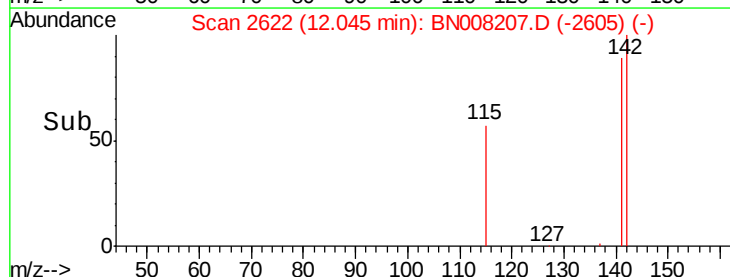
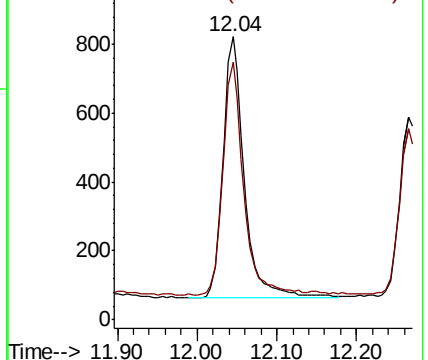
142 100

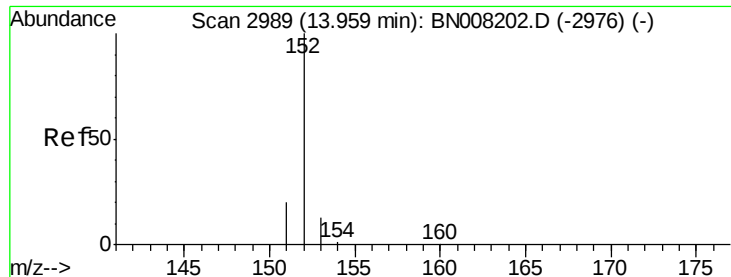
141 87.9 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.024 ng/ul

RT: 13.96 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BN008207.D

Acq: 16 Oct 2019 20:19

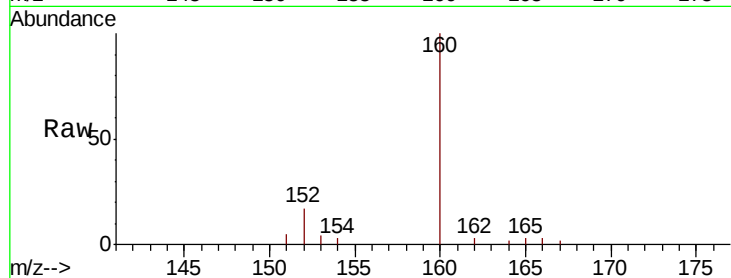
Tot Ion:152 Resp: 1155

Ion Ratio Lower Upper

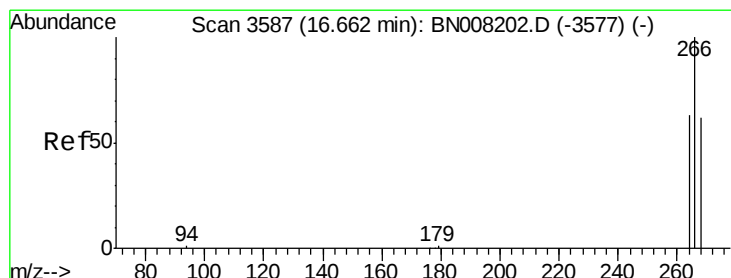
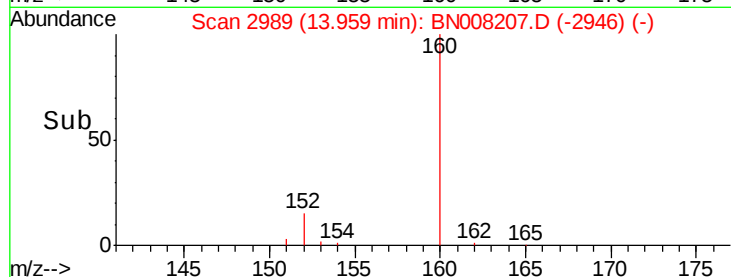
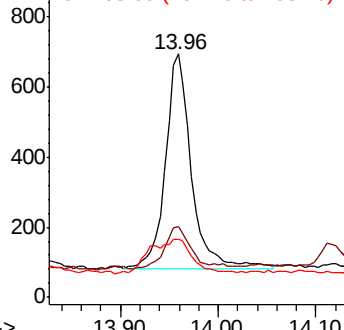
152 100

151 28.9 16.2 24.4#

153 23.9 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



#11

Pentachlorophenol

Concen: 0.030 ng/ul

RT: 16.65 min Scan# 3585

Delta R.T. -0.01 min

Lab File: BN008207.D

Acq: 16 Oct 2019 20:19

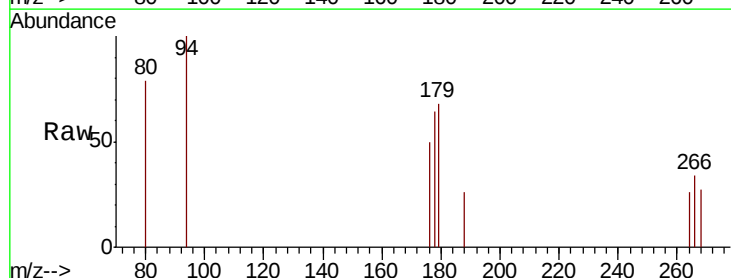
Tgt Ion:266 Resp: 157

Ion Ratio Lower Upper

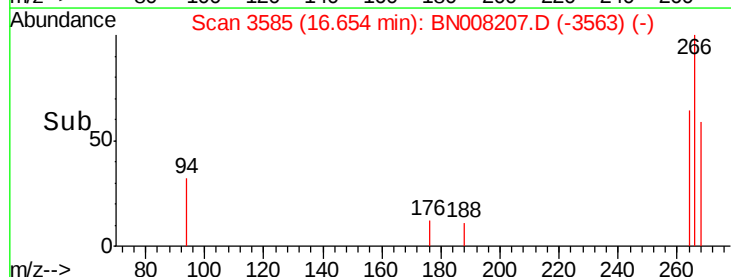
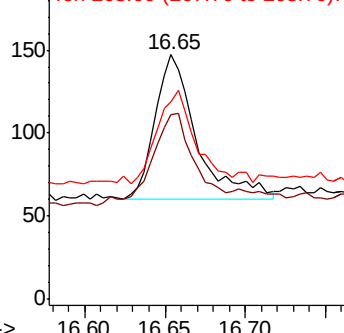
266 100

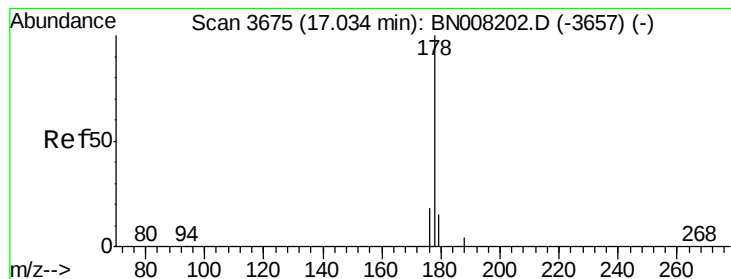
264 82.8 50.1 75.1#

268 60.5 51.9 77.9



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.071 ng/ul

RT: 17.03 min Scan# 3675

Delta R.T. 0.00 min

Lab File: BN008207.D

Acq: 16 Oct 2019 20:19

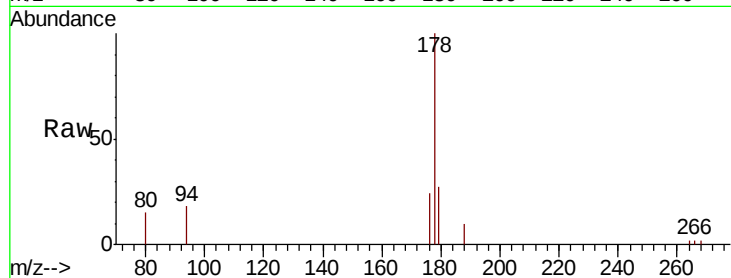
Tot Ion:178 Resp: 4558

Ion Ratio Lower Upper

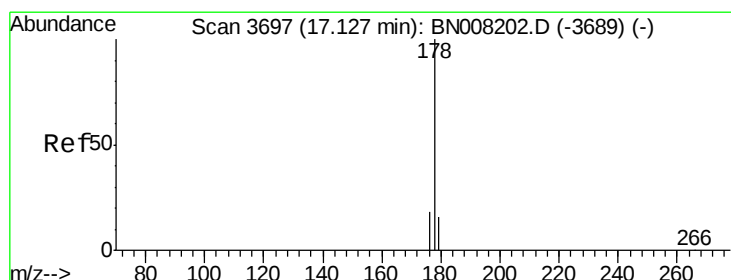
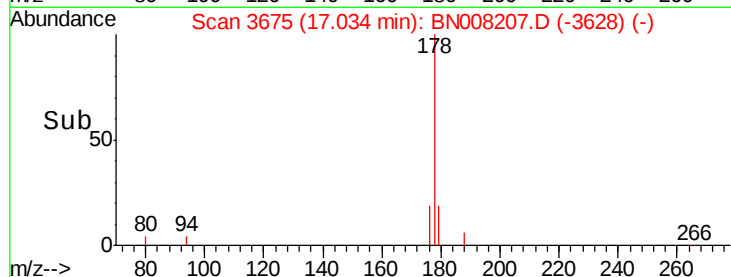
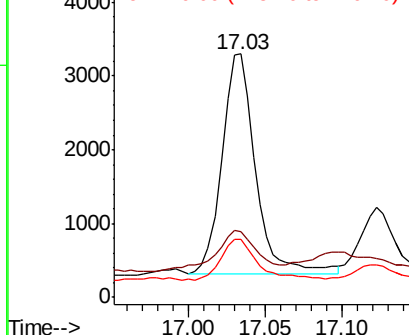
178 100

179 26.8 12.8 19.2#

176 23.7 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: 0.020 ng/ul

RT: 17.12 min Scan# 3696

Delta R.T. -0.00 min

Lab File: BN008207.D

Acq: 16 Oct 2019 20:19

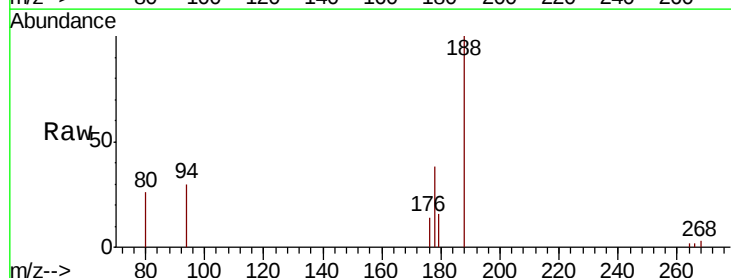
Tgt Ion:178 Resp: 1147

Ion Ratio Lower Upper

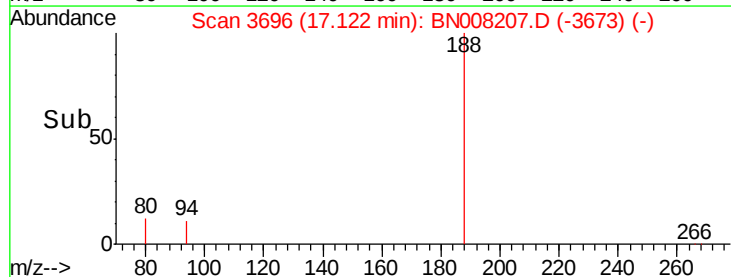
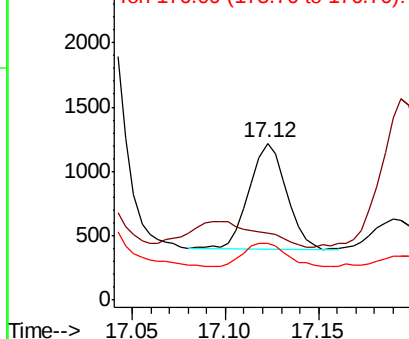
178 100

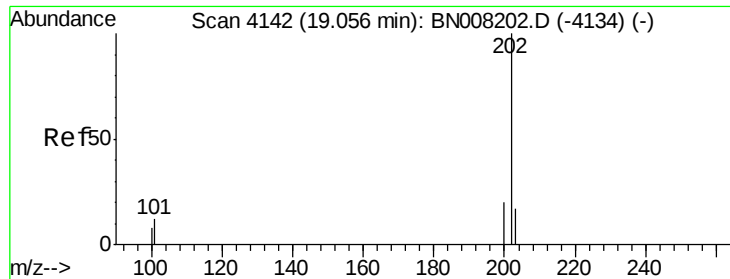
179 43.0 13.0 19.6#

176 36.4 15.0 22.6#



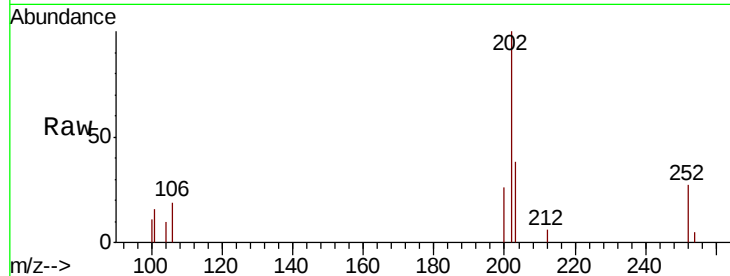
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



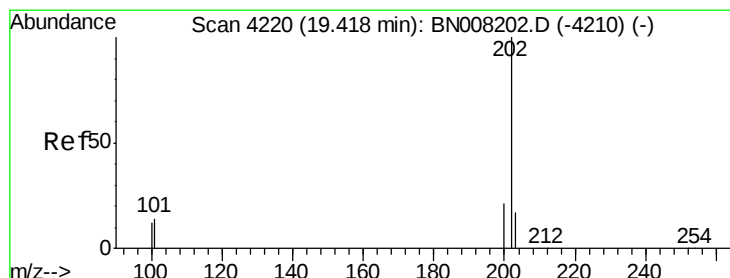
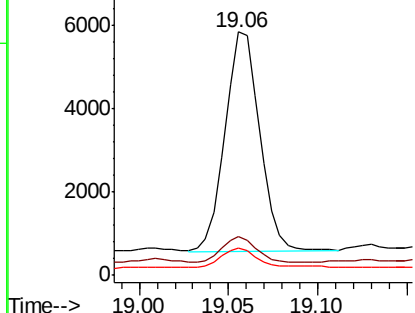
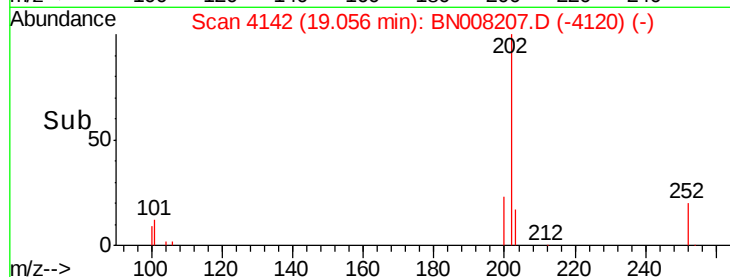


#15
Fluoranthene
 Concen: 0.084 ng/ul
 RT: 19.06 min Scan# 4142
 Delta R.T. 0.00 min
 Lab File: BN008207.D
 Acq: 16 Oct 2019 20:19

Tot Ion:202	Resp:	7113
Ion Ratio	Lower	Upper
202	100	
101	15.8	0.0 31.2
100	11.4	0.0 28.5

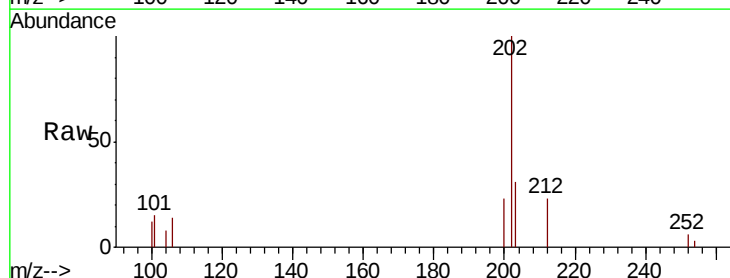


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

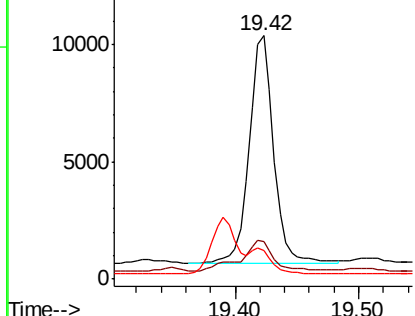
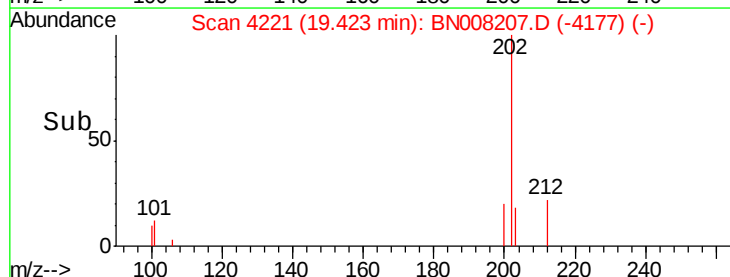


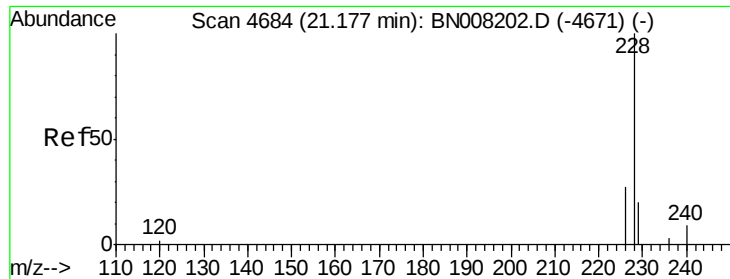
#17
Pyrene
 Concen: 0.226 ng/ul
 RT: 19.42 min Scan# 4221
 Delta R.T. 0.00 min
 Lab File: BN008207.D
 Acq: 16 Oct 2019 20:19

Tgt Ion:202	Resp:	13562
Ion Ratio	Lower	Upper
202	100	
101	15.2	10.9 16.3
100	11.6	8.7 13.1



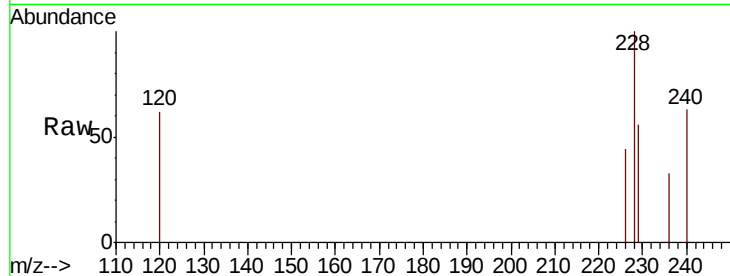
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



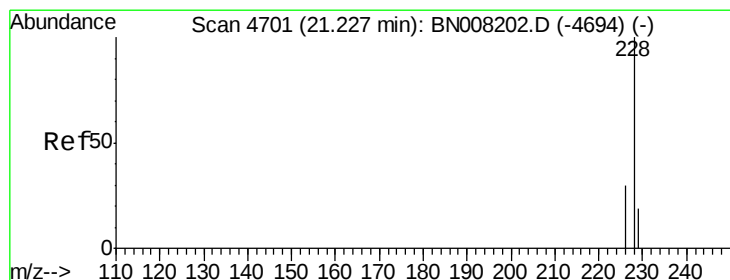
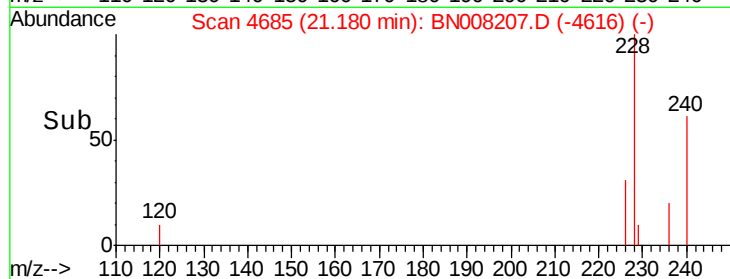
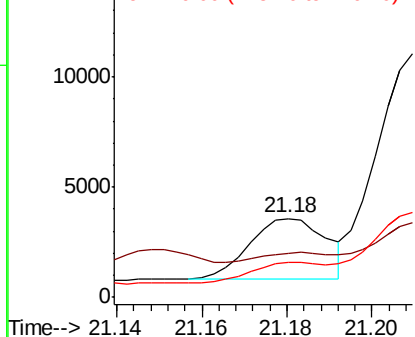


#18
Benzo(a)anthracene
Concen: 0.064 ng/ul
RT: 21.18 min Scan# 4685
Delta R.T. 0.00 min
Lab File: BN008207.D
Acq: 16 Oct 2019 20:19

Tot Ion:228 Resp: 3497
Ion Ratio Lower Upper
228 100
229 56.2 16.2 24.2#
226 43.7 21.4 32.0#

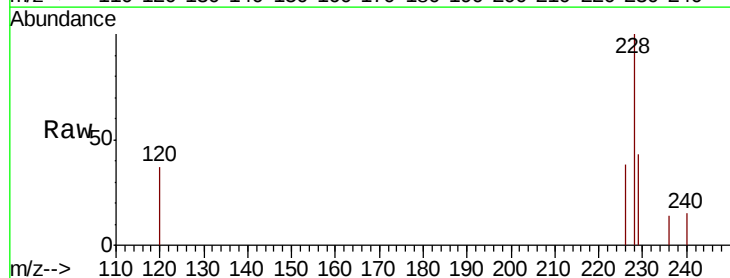


Abundance Ion 228.00 (227.70 to 228.70): E
15000 Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

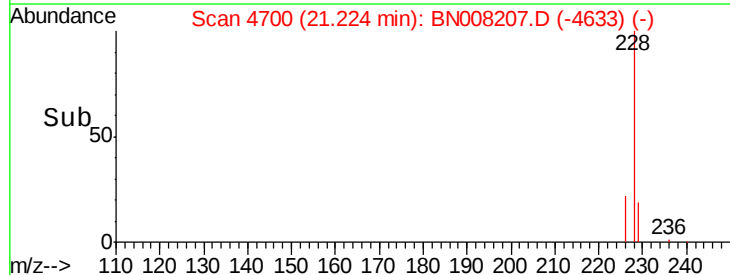
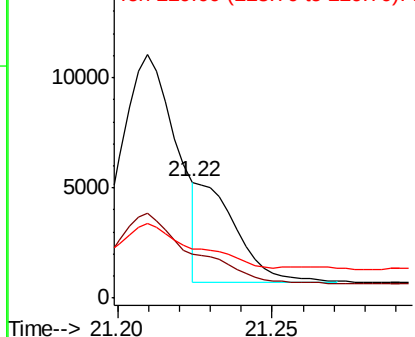


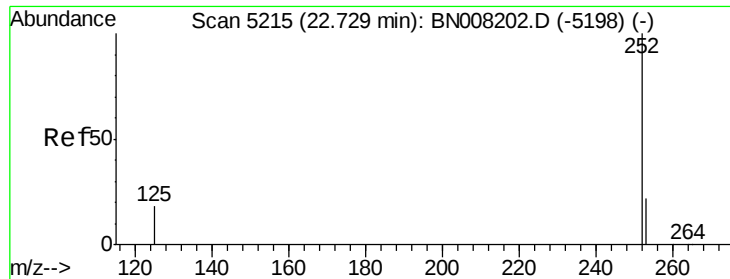
#19
Chrysene
Concen: 0.061 ng/ul m
RT: 21.22 min Scan# 4700
Delta R.T. -0.00 min
Lab File: BN008207.D
Acq: 16 Oct 2019 20:19

Tgt Ion:228 Resp: 4074
Ion Ratio Lower Upper
228 100
226 37.7 24.1 36.1#
229 42.9 16.2 24.2#



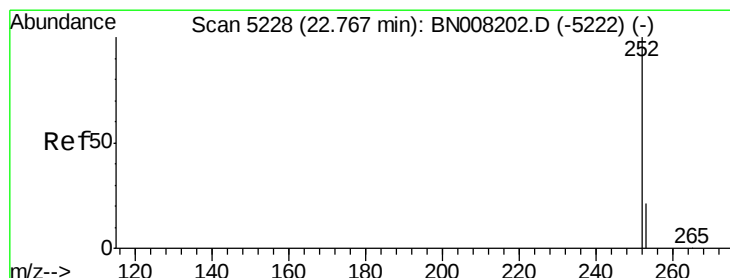
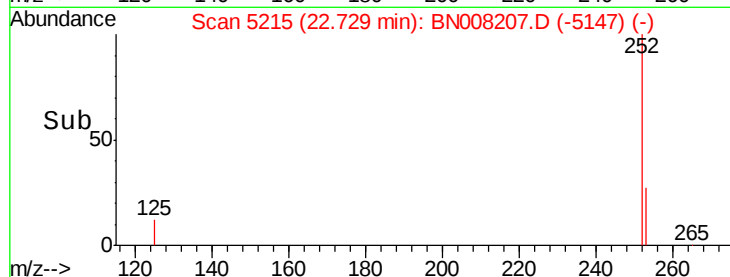
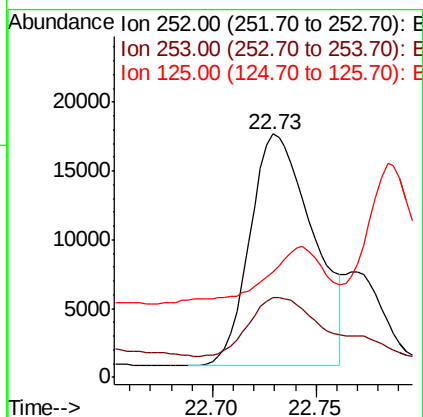
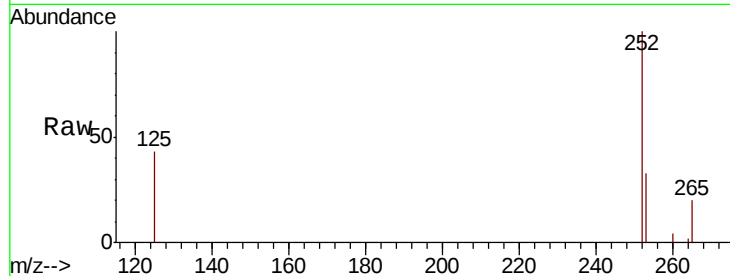
Abundance Ion 228.00 (227.70 to 228.70): E
15000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





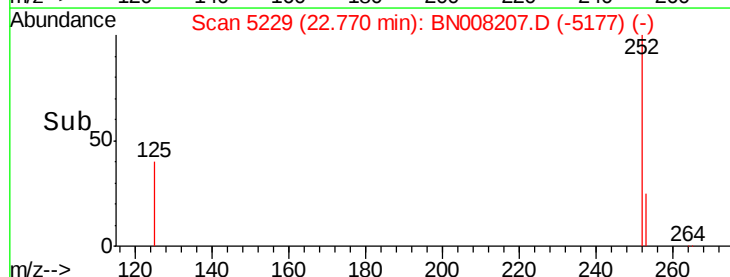
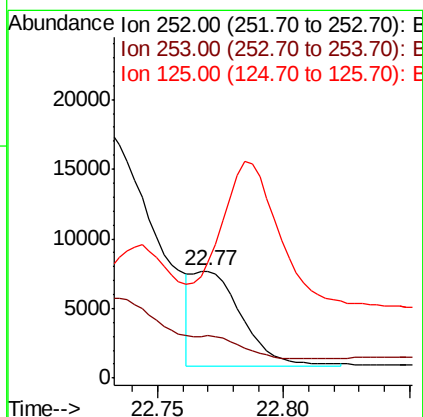
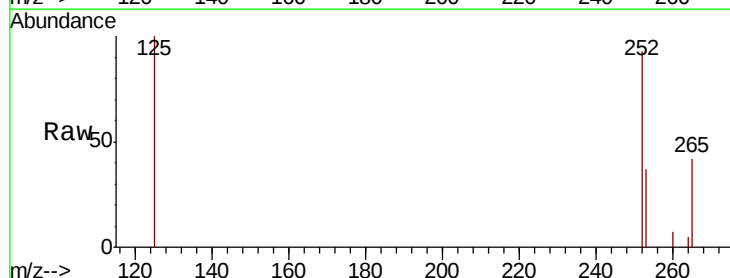
#21
Benzo(b)fluoranthene
Concen: 0.883 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. 0.00 min
Lab File: BN008207.D
Acq: 16 Oct 2019 20:19

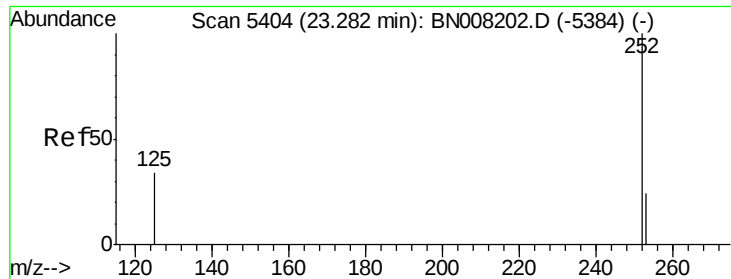
Tot Ion:252 Resp: 35880
Ion Ratio Lower Upper
252 100
253 32.8 0.0 53.4
125 43.3 0.0 32.4#



#22
Benzo(k)fluoranthene
Concen: 0.205 ng/ul m
RT: 22.77 min Scan# 5229
Delta R.T. 0.00 min
Lab File: BN008207.D
Acq: 16 Oct 2019 20:19

Tgt Ion:252 Resp: 9410
Ion Ratio Lower Upper
252 100
253 39.3 21.3 31.9#
125 107.4 12.3 18.5#





#23

Benzo(a)pyrene

Concen: 0.327 ng/ul

RT: 23.28 min Scan# 5404

Delta R.T. 0.00 min

Lab File: BN008207.D

Acq: 16 Oct 2019 20:19

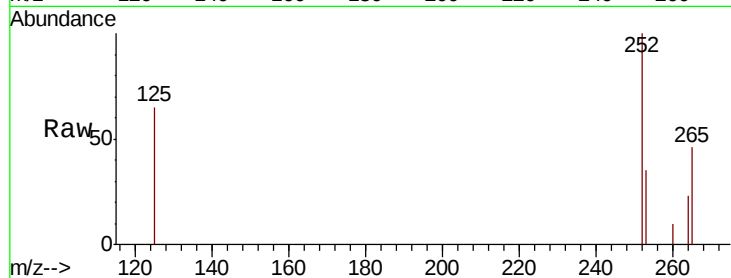
Tot Ion:252 Resp: 13967

Ion Ratio Lower Upper

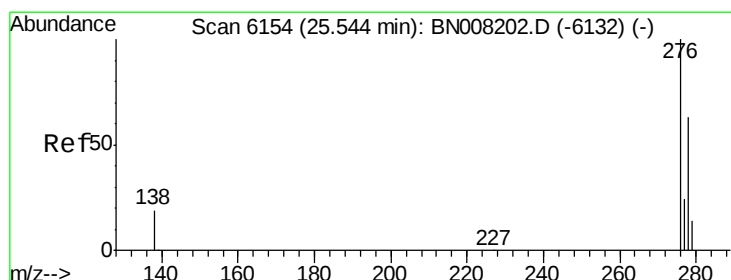
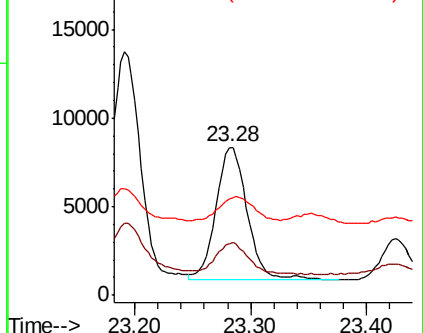
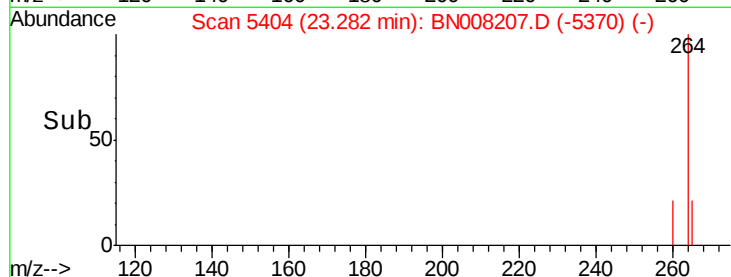
252 100

253 35.3 22.8 34.2#

125 65.4 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: 0.221 ng/ul

RT: 25.55 min Scan# 6155

Delta R.T. 0.00 min

Lab File: BN008207.D

Acq: 16 Oct 2019 20:19

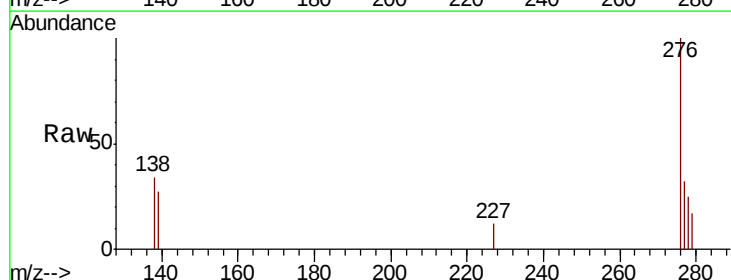
Tgt Ion:276 Resp: 11126

Ion Ratio Lower Upper

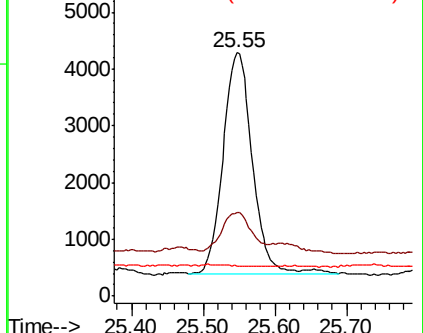
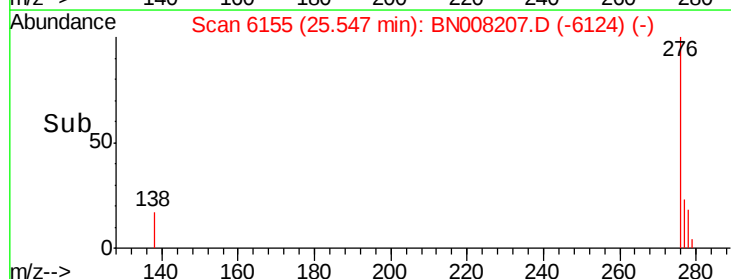
276 100

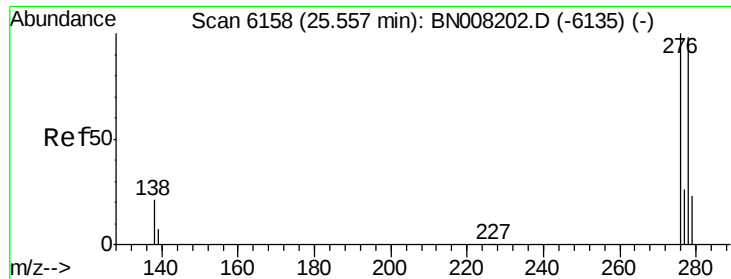
138 24.2 16.1 24.1#

227 0.0 0.2 0.2#



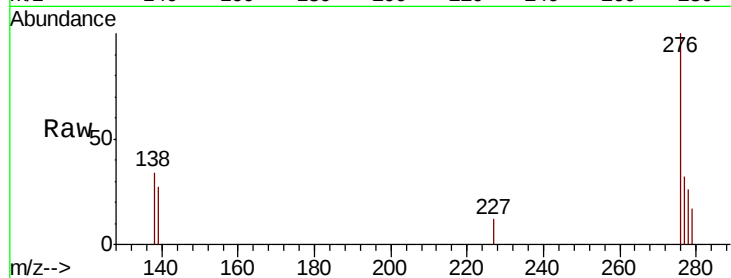
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



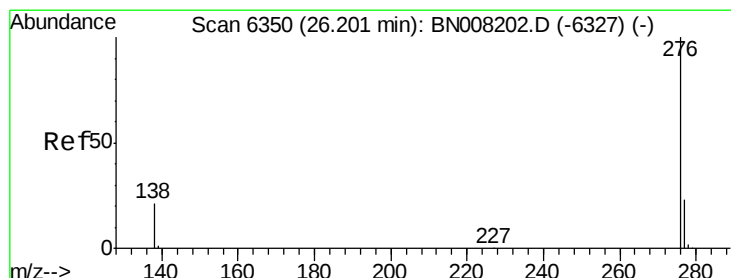
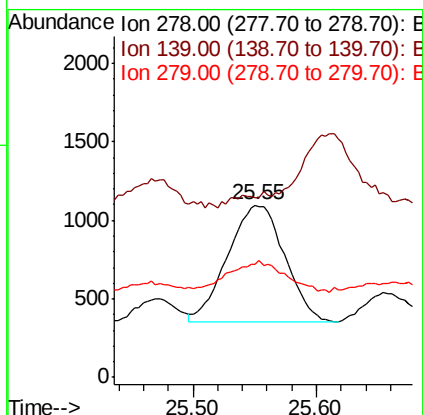
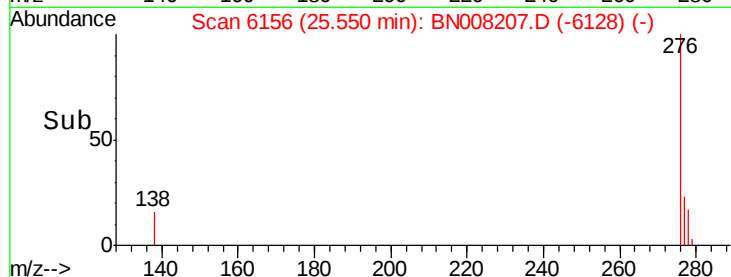


#25
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 25.55 min Scan# 6156
Delta R.T. -0.01 min
Lab File: BN008207.D
Acq: 16 Oct 2019 20:19

Tot Ion:278 Resp: 2400
Ion Ratio Lower Upper
278 100
139 104.1 15.0 22.6#
279 65.3 22.4 33.6#

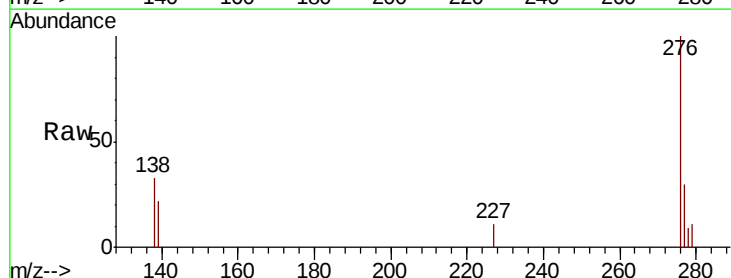


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.282 ng/ul
RT: 26.21 min Scan# 6352
Delta R.T. 0.01 min
Lab File: BN008207.D
Acq: 16 Oct 2019 20:19

Tgt Ion:276 Resp: 13017
Ion Ratio Lower Upper
276 100
138 32.6 17.0 25.4#
277 30.4 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

