

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008333.D
 Acq On : 23 Oct 2019 02:08
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 23 02:40:49 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 : Mon Oct 21 23:58:15 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1592	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	7836	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5155	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	10485	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	8854	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	7272	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.95	152	5137	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	12999	0.36	ng/ul	0.00

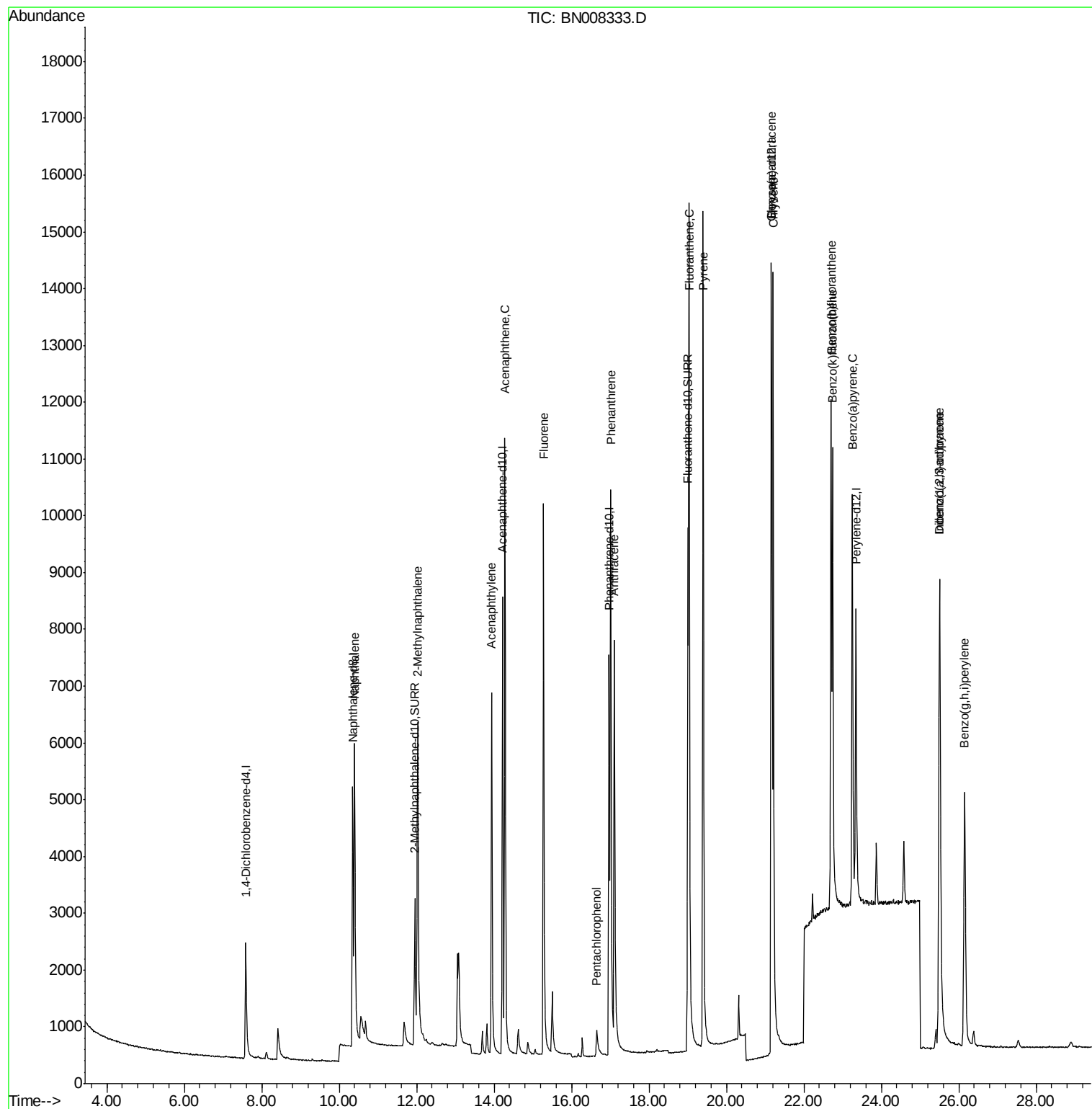
Target Compounds

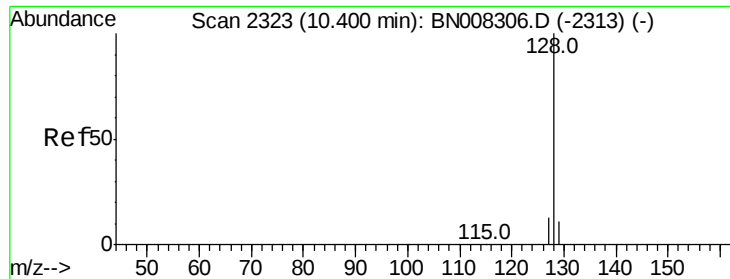
						Ovalue
3) Naphthalene	10.39	128	8898	0.399	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	6092	0.398	ng/ul	100
7) Acenaphthylene	13.94	152	9049	0.369	ng/ul	99
8) Acenaphthene	14.28	153	7217	0.378	ng/ul	98
9) Fluorene	15.28	166	8003	0.369	ng/ul	100
11) Pentachlorophenol	16.65	266	717	0.283	ng/ul	99
12) Phenanthrene	17.01	178	12786	0.417	ng/ul	100
13) Anthracene	17.11	178	11464	0.424	ng/ul	100
15) Fluoranthene	19.04	202	15160	0.374	ng/ul	97
17) Pyrene	19.40	202	15632	0.443	ng/ul	97
18) Benzo(a)anthracene	21.16	228	12385	0.385	ng/ul	99
19) Chrysene	21.21	228	15291	0.387	ng/ul	99
21) Benzo(b)fluoranthene	22.70	252	11611	0.490	ng/ul	97
22) Benzo(k)fluoranthene	22.74	252	12623	0.471	ng/ul	100
23) Benzo(a)pyrene	23.25	252	11057	0.444	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.50	276	11465	0.391	ng/ul	95
25) Dibenzo(a,h)anthracene	25.51	278	9244	0.399	ng/ul	99
26) Benzo(g,h,i)perylene	26.15	276	10013	0.372	ng/ul	97

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

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#3

Naphthalene

Concen: 0.399 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BN008333.D

Acq: 23 Oct 2019 02:08

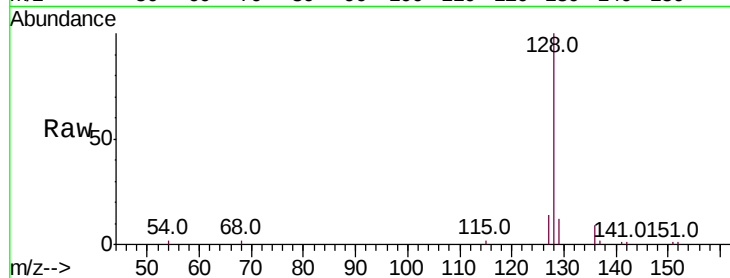
Tot Ion:128 Resp: 8898

Ion Ratio Lower Upper

128 100

129 12.1 9.8 14.8

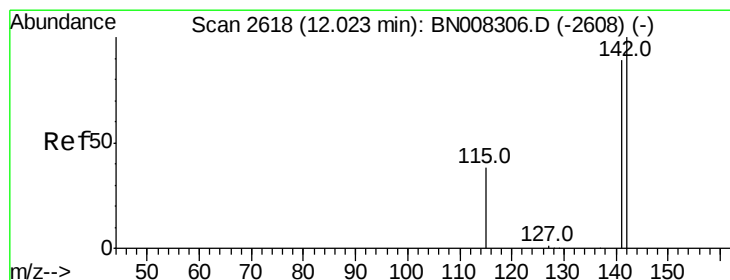
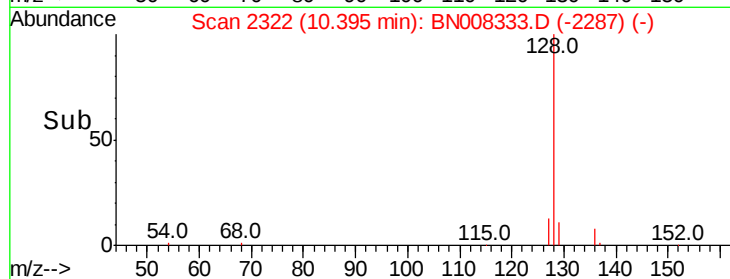
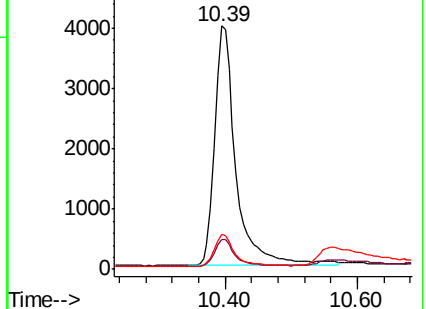
127 14.3 11.1 16.7



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: 0.398 ng/ul

RT: 12.02 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BN008333.D

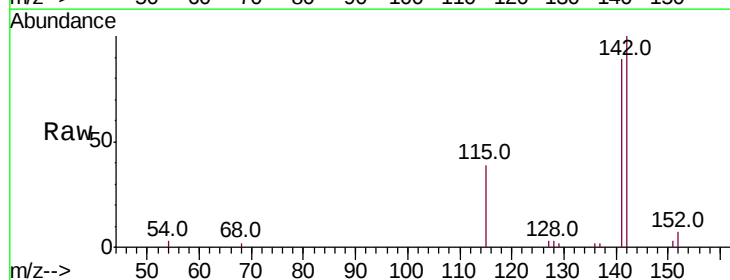
Acq: 23 Oct 2019 02:08

Tgt Ion:142 Resp: 6092

Ion Ratio Lower Upper

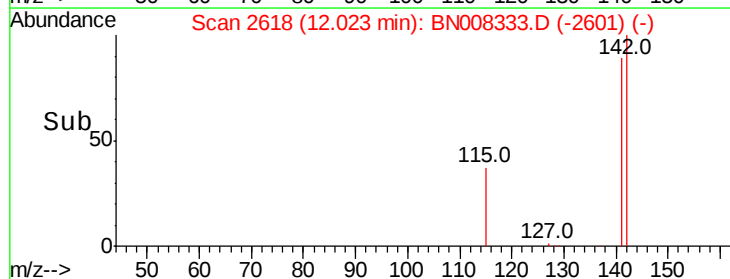
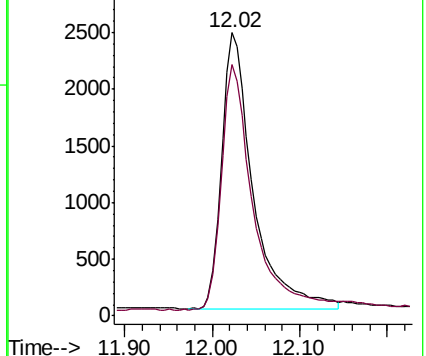
142 100

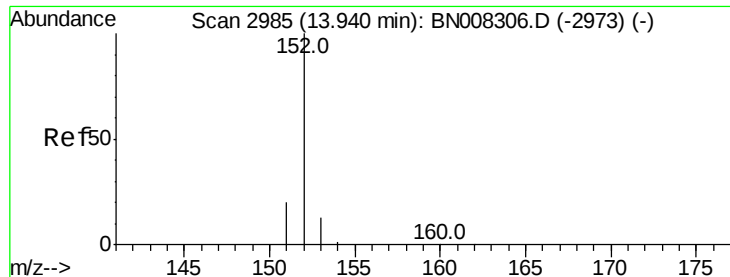
141 89.5 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.369 ng/ul

RT: 13.94 min Scan# 2984

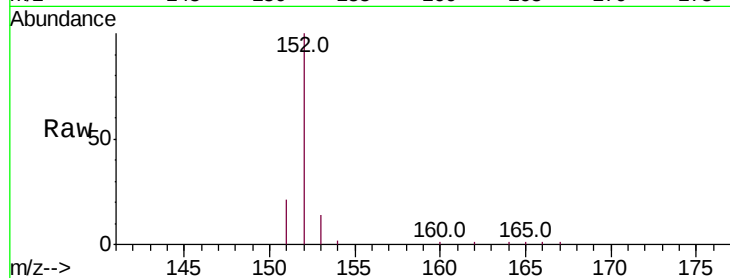
Delta R.T. -0.01 min

Lab File: BN008333.D

Acq: 23 Oct 2019 02:08

Tot Ion:152 Resp: 9049

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4
153	14.1	11.0	16.4

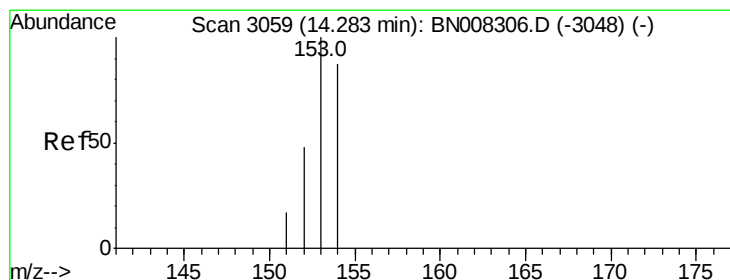
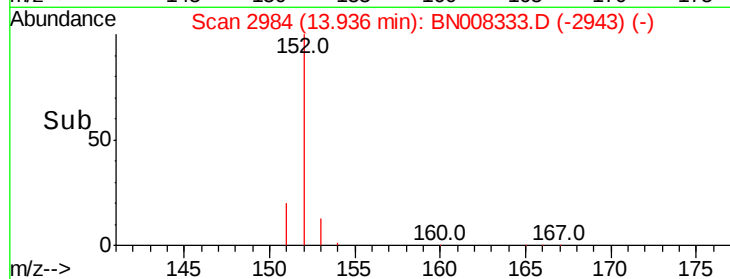
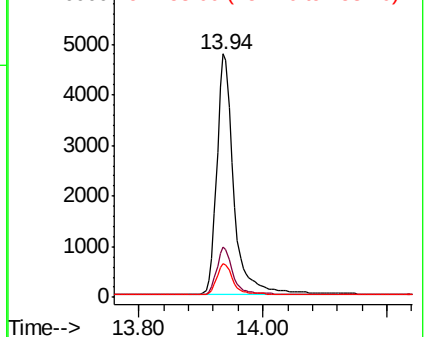


Abundance

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: 0.378 ng/ul

RT: 14.28 min Scan# 3059

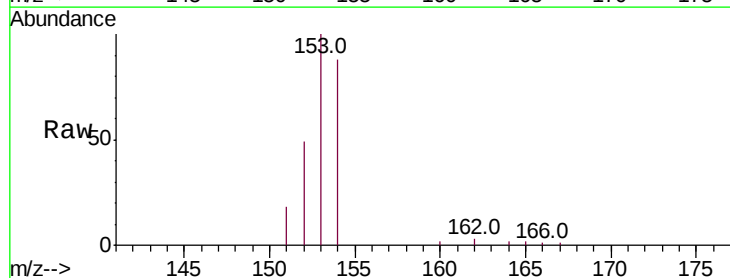
Delta R.T. -0.00 min

Lab File: BN008333.D

Acq: 23 Oct 2019 02:08

Tgt Ion:153 Resp: 7217

Ion	Ratio	Lower	Upper
153	100		
152	48.8	38.2	57.2
154	87.6	71.8	107.8

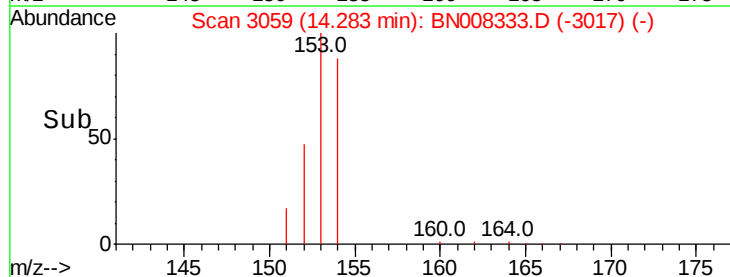
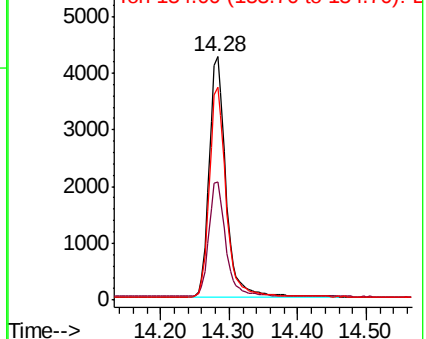


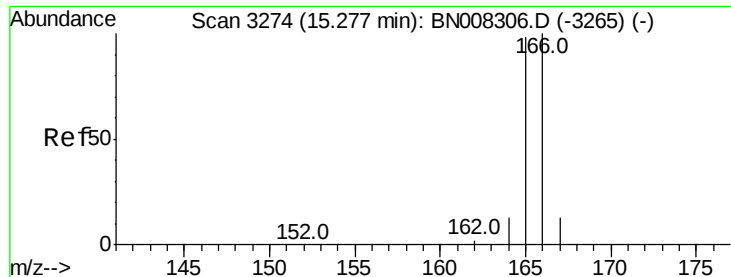
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

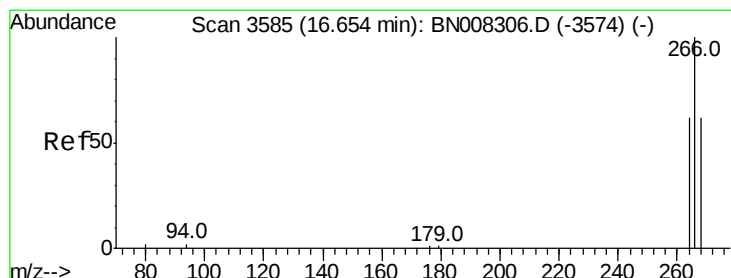
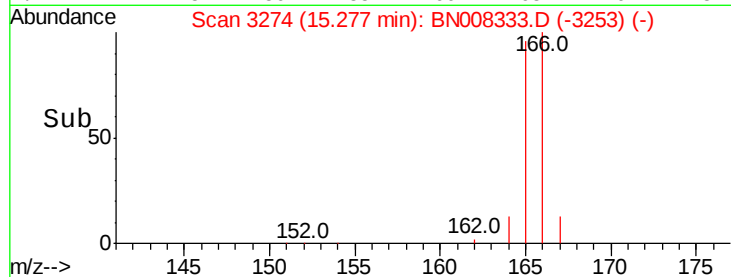
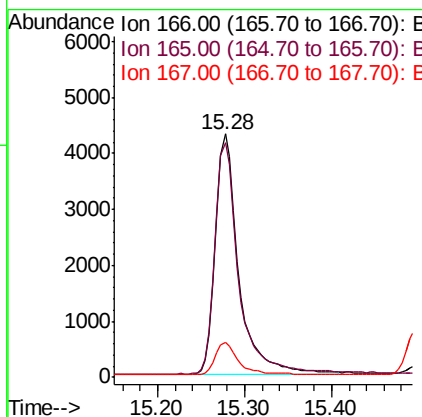
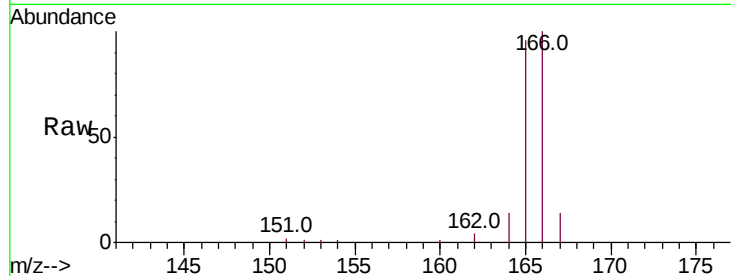
Ion 154.00 (153.70 to 154.70): E





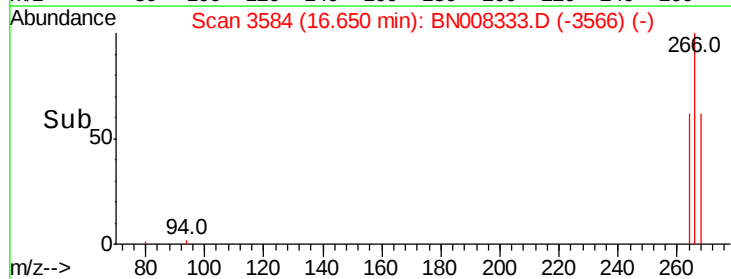
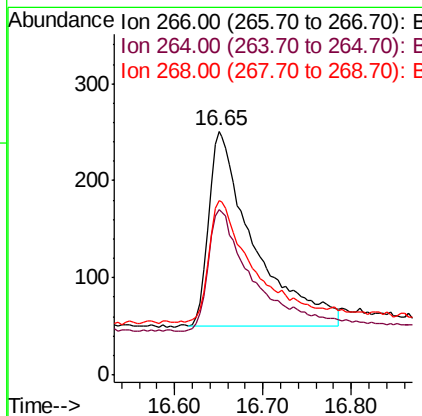
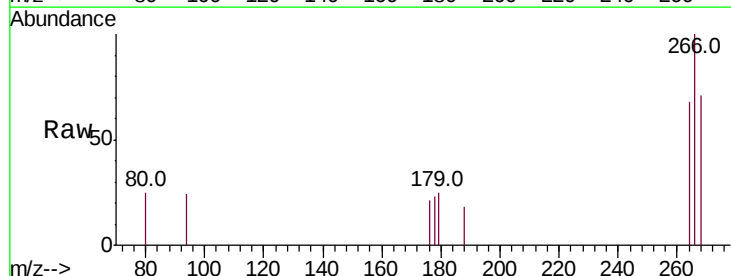
#9
Fluorene
 Concen: 0.369 ng/ul
 RT: 15.28 min Scan# 3274
 Delta R.T. -0.00 min
 Lab File: BN008333.D
 Acq: 23 Oct 2019 02:08

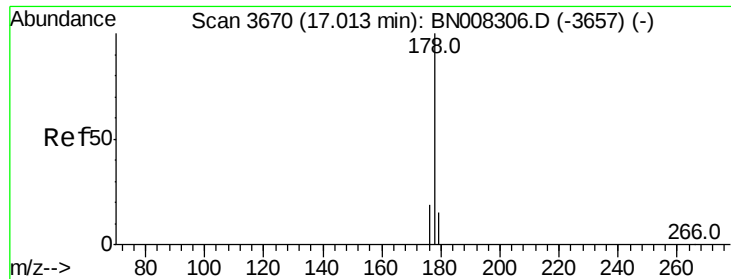
Tot Ion:166 Resp: 8003
 Ion Ratio Lower Upper
 166 100
 165 96.2 76.6 115.0
 167 14.3 11.7 17.5



#11
Pentachlorophenol
 Concen: 0.283 ng/ul
 RT: 16.65 min Scan# 3584
 Delta R.T. -0.03 min
 Lab File: BN008333.D
 Acq: 23 Oct 2019 02:08

Tgt Ion:266 Resp: 717
 Ion Ratio Lower Upper
 266 100
 264 63.5 50.1 75.1
 268 64.0 51.9 77.9





#12

Phenanthrene

Concen: 0.417 ng/ul

RT: 17.01 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BN008333.D

Acq: 23 Oct 2019 02:08

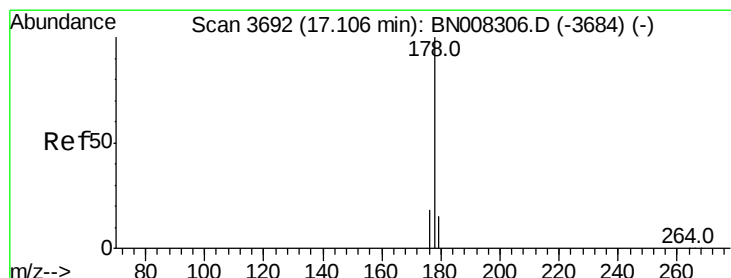
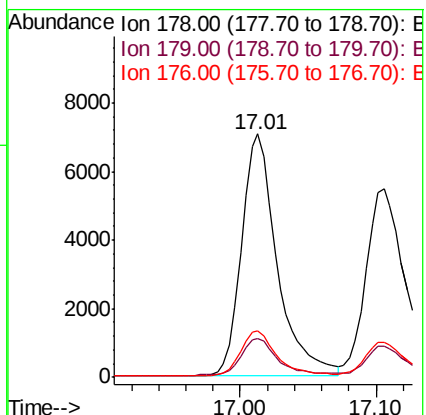
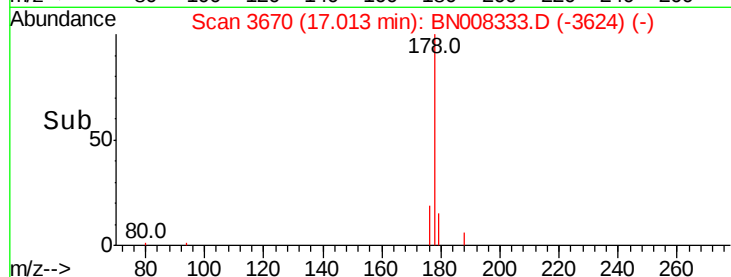
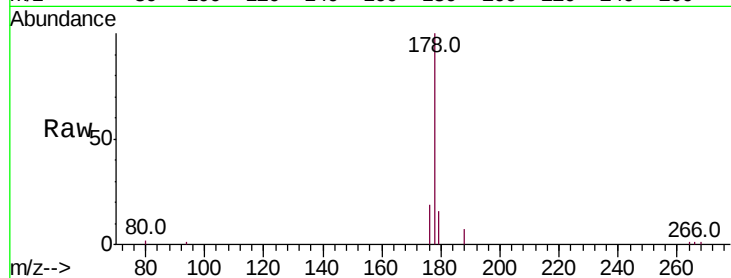
Tot Ion:178 Resp: 12786

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

176 19.2 15.4 23.2



#13

Anthracene

Concen: 0.424 ng/ul

RT: 17.11 min Scan# 3692

Delta R.T. -0.00 min

Lab File: BN008333.D

Acq: 23 Oct 2019 02:08

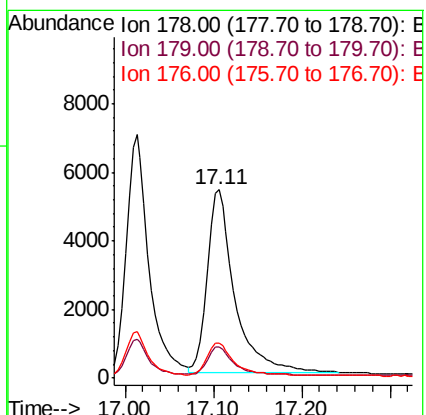
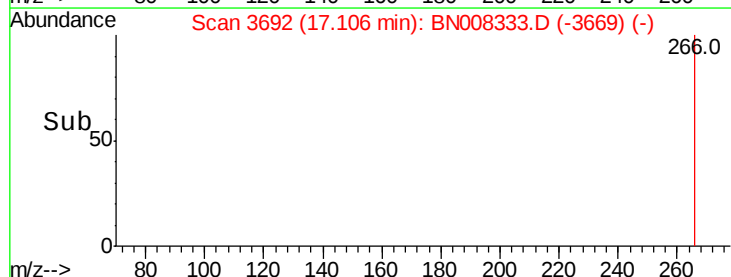
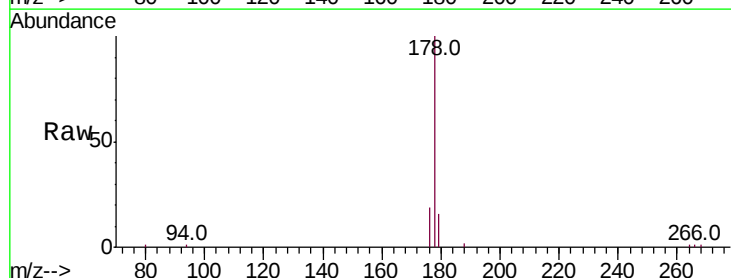
Tgt Ion:178 Resp: 11464

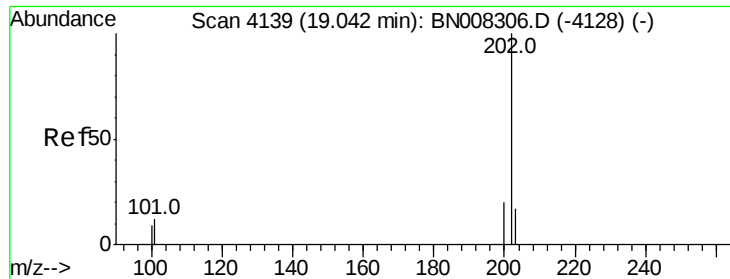
Ion Ratio Lower Upper

178 100

179 16.2 13.0 19.6

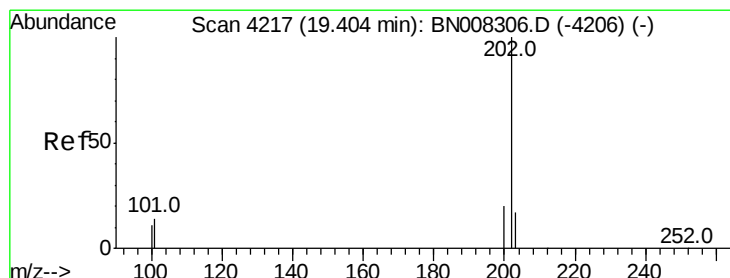
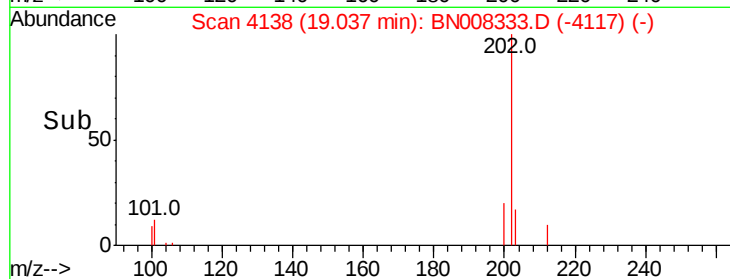
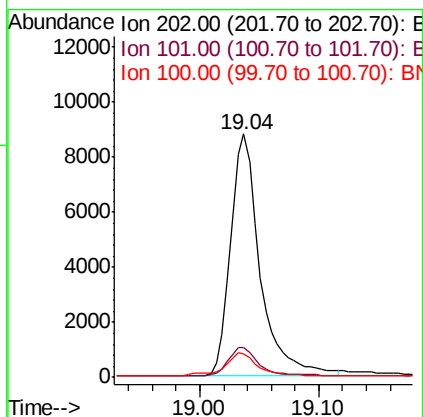
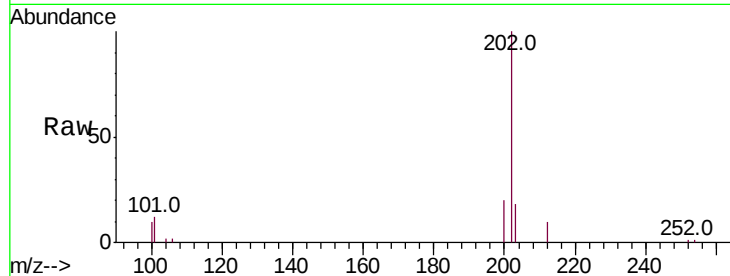
176 18.8 15.0 22.6





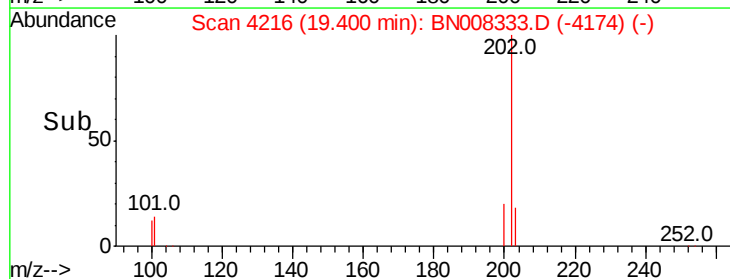
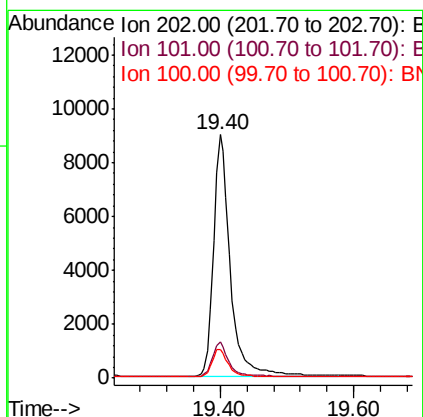
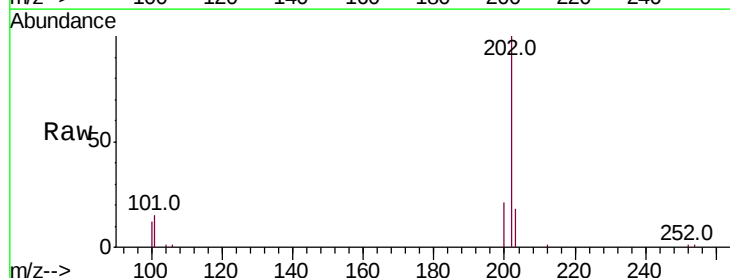
#15
Fluoranthene
Concen: 0.374 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008333.D
Acq: 23 Oct 2019 02:08

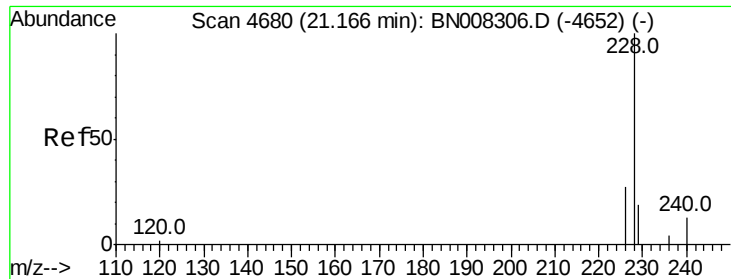
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	31.2
100	9.6	0.0	28.5



#17
Pyrene
Concen: 0.443 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008333.D
Acq: 23 Oct 2019 02:08

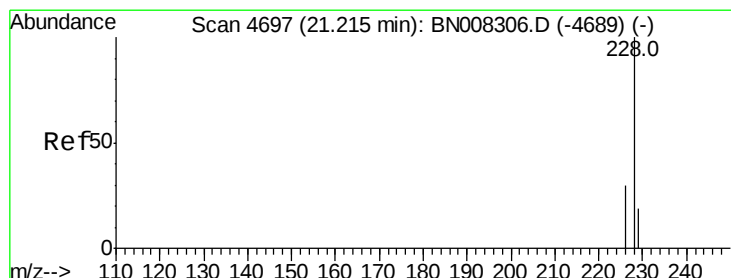
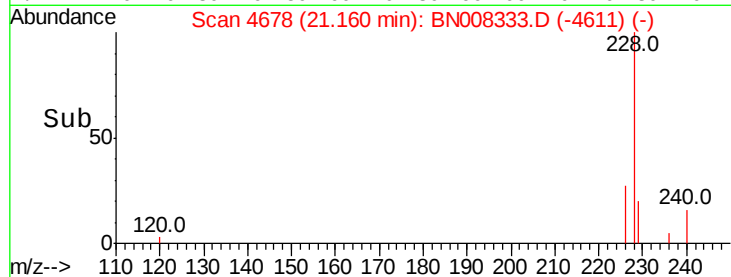
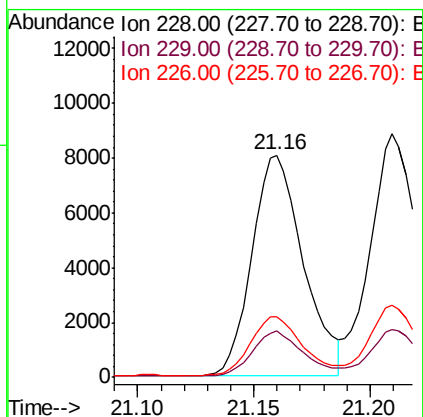
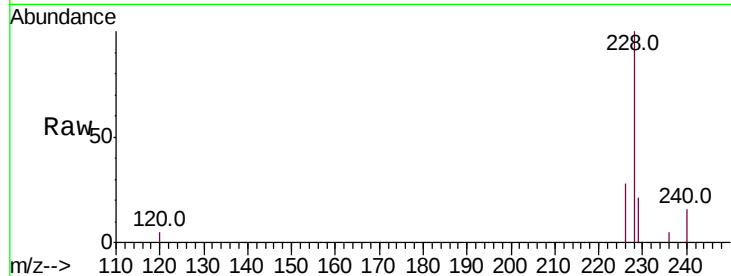
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	10.9	16.3
100	11.9	8.7	13.1





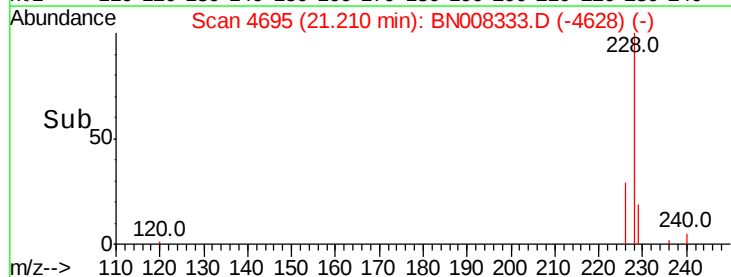
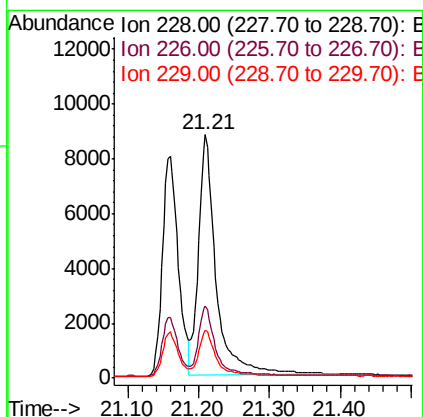
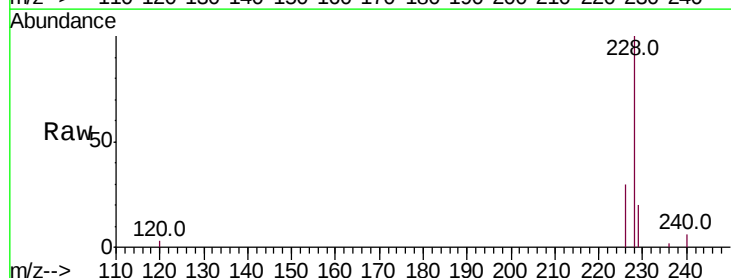
#18
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BN008333.D
Acq: 23 Oct 2019 02:08

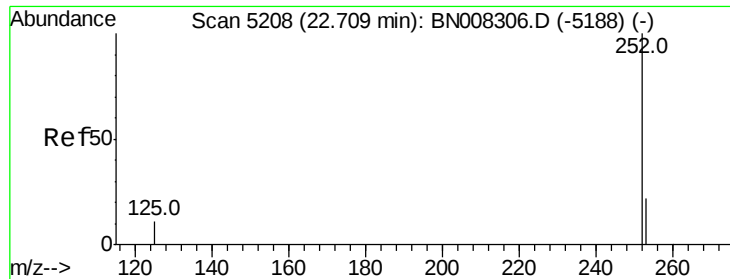
Tot Ion:228 Resp: 12385
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 27.5 21.4 32.0



#19
Chrysene
Concen: 0.387 ng/ul
RT: 21.21 min Scan# 4695
Delta R.T. -0.01 min
Lab File: BN008333.D
Acq: 23 Oct 2019 02:08

Tgt Ion:228 Resp: 15291
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 19.8 16.2 24.2





#21

Benzo(b)fluoranthene

Concen: 0.490 ng/ul

RT: 22.70 min Scan# 5205

Delta R.T. -0.01 min

Lab File: BN008333.D

Acq: 23 Oct 2019 02:08

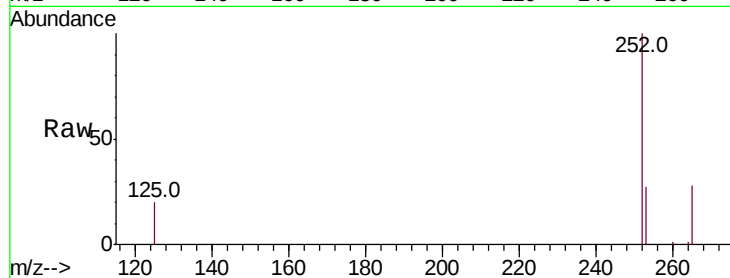
Tot Ion:252 Resp: 11611

Ion Ratio Lower Upper

252 100

253 26.9 0.0 53.4

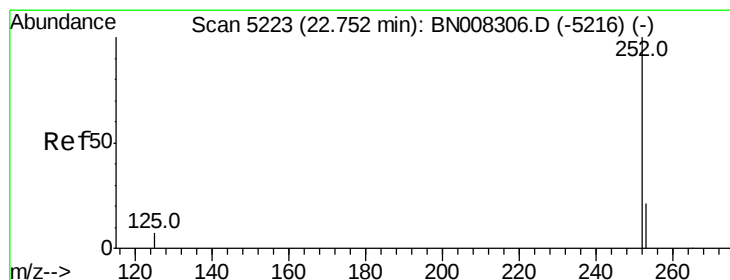
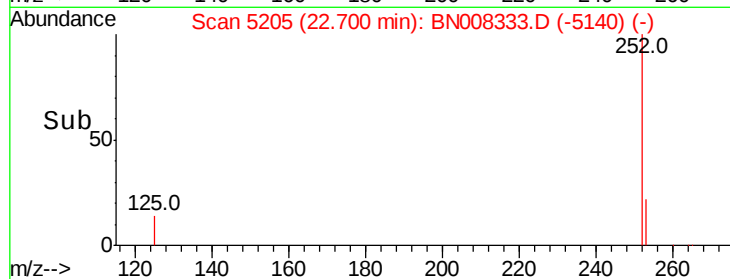
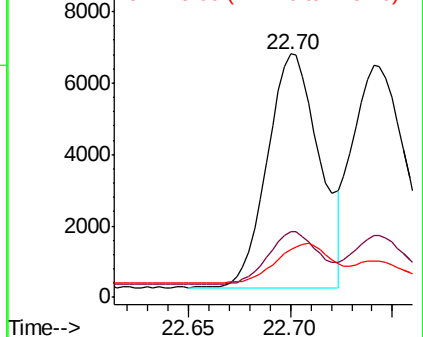
125 19.6 0.0 32.4



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: 0.471 ng/ul

RT: 22.74 min Scan# 5219

Delta R.T. -0.01 min

Lab File: BN008333.D

Acq: 23 Oct 2019 02:08

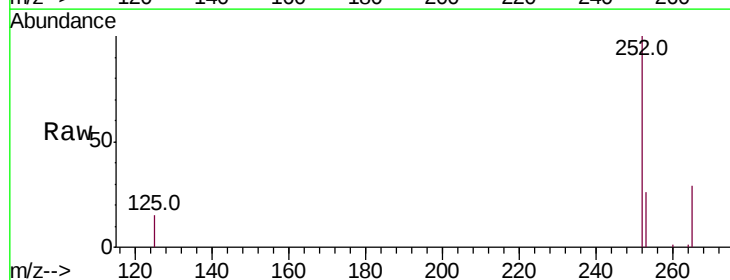
Tgt Ion:252 Resp: 12623

Ion Ratio Lower Upper

252 100

253 26.5 21.3 31.9

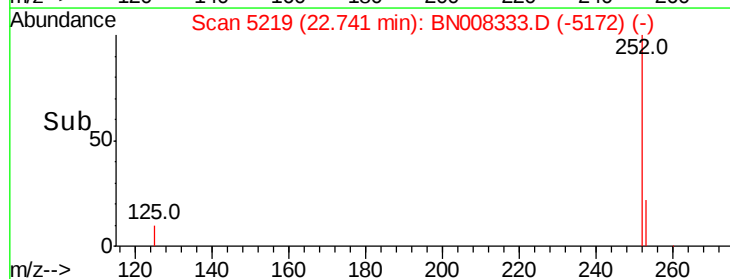
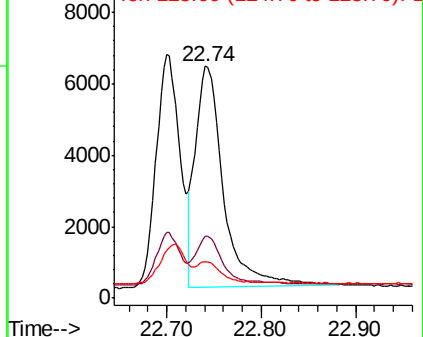
125 15.5 12.3 18.5

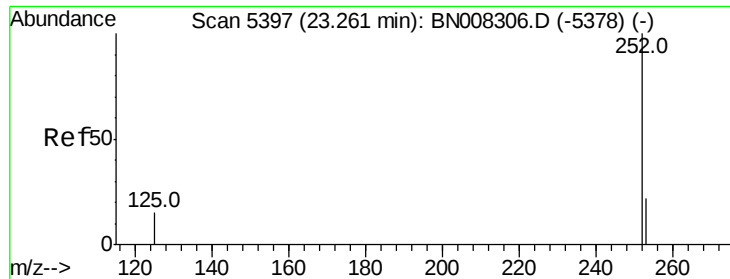


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

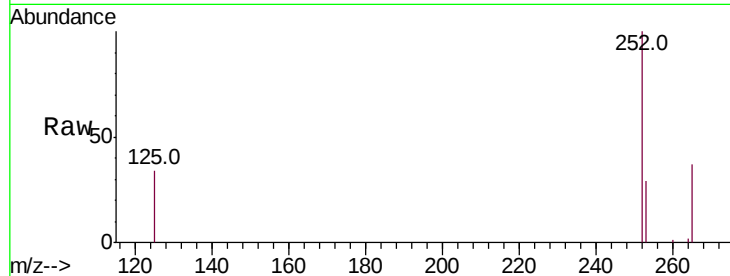
Ion 125.00 (124.70 to 125.70): E



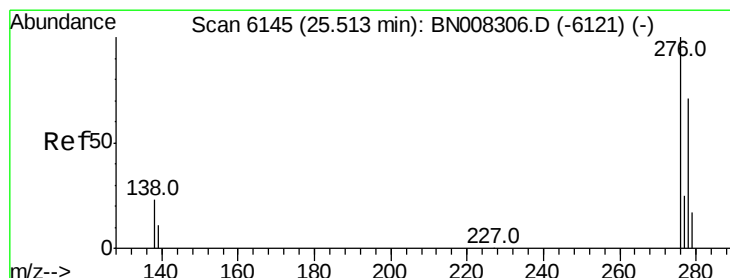
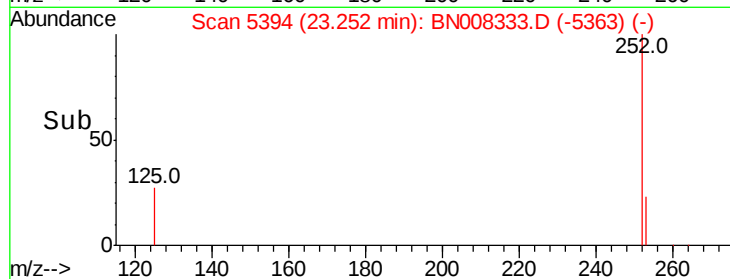
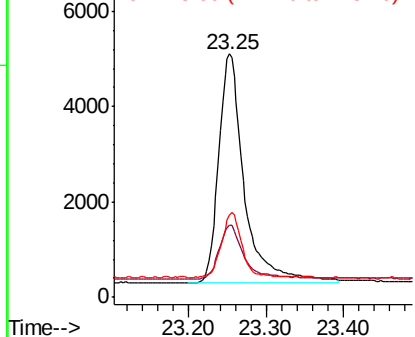


#23
Benzo(a)pyrene
Concen: 0.444 ng/ul
RT: 23.25 min Scan# 5394
Delta R.T. -0.01 min
Lab File: BN008333.D
Acq: 23 Oct 2019 02:08

Tot Ion:252 Resp: 11057
Ion Ratio Lower Upper
252 100
253 29.4 22.8 34.2
125 33.9 18.4 27.6#

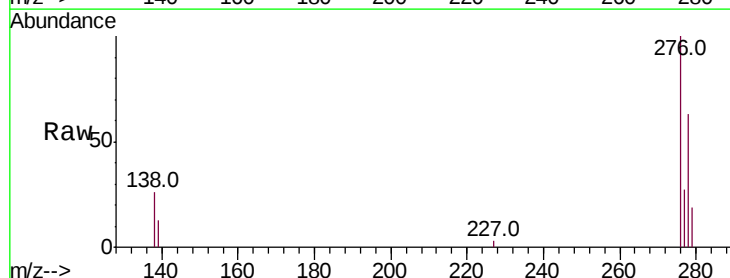


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

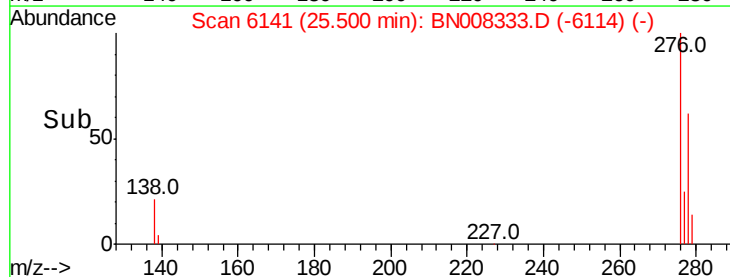
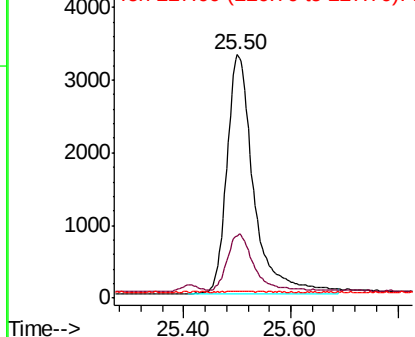


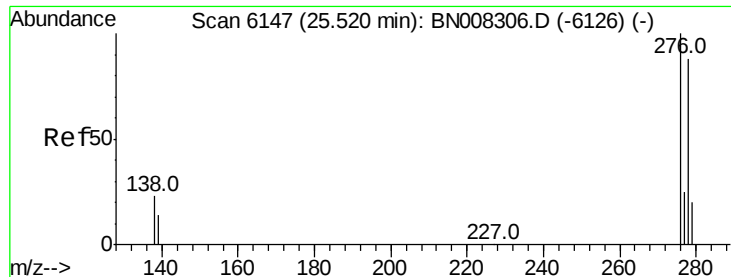
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng/ul
RT: 25.50 min Scan# 6141
Delta R.T. -0.01 min
Lab File: BN008333.D
Acq: 23 Oct 2019 02:08

Tgt Ion:276 Resp: 11465
Ion Ratio Lower Upper
276 100
138 22.4 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

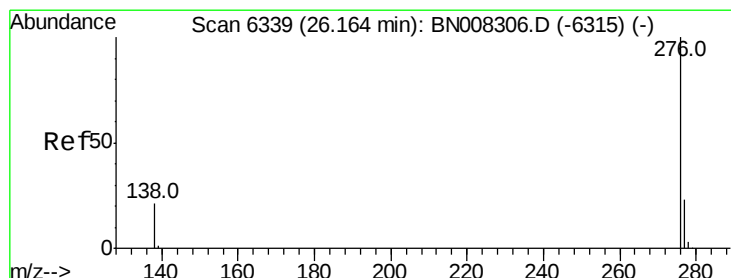
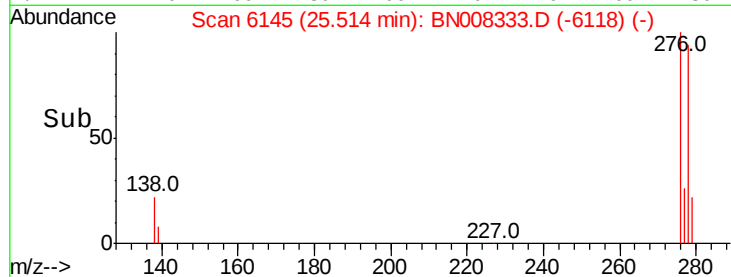
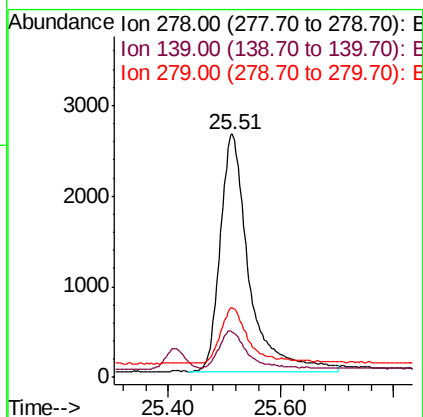
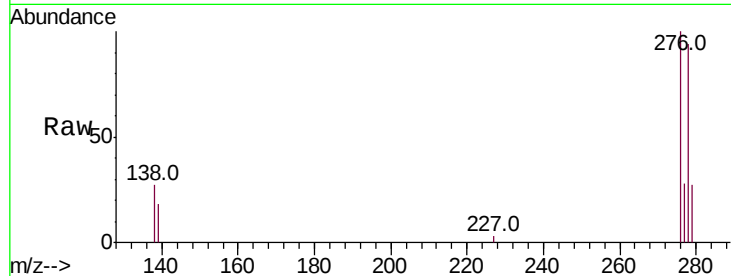




#25
Dibenzo(a,h)anthracene
Concen: 0.399 ng/ul
RT: 25.51 min Scan# 6145
Delta R.T. -0.01 min
Lab File: BN008333.D
Acq: 23 Oct 2019 02:08

Tot Ion:278 Resp: 9244

Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.0	22.6
279	28.5	22.4	33.6



#26
Benzo(g,h,i)perylene
Concen: 0.372 ng/ul
RT: 26.15 min Scan# 6336
Delta R.T. -0.01 min
Lab File: BN008333.D
Acq: 23 Oct 2019 02:08

Tgt Ion:276 Resp: 10013

Ion	Ratio	Lower	Upper
276	100		
138	23.8	17.0	25.4
277	25.9	20.4	30.6

