

Data File : BN003681.D
Acq On : 03 Dec 2018 16:41
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

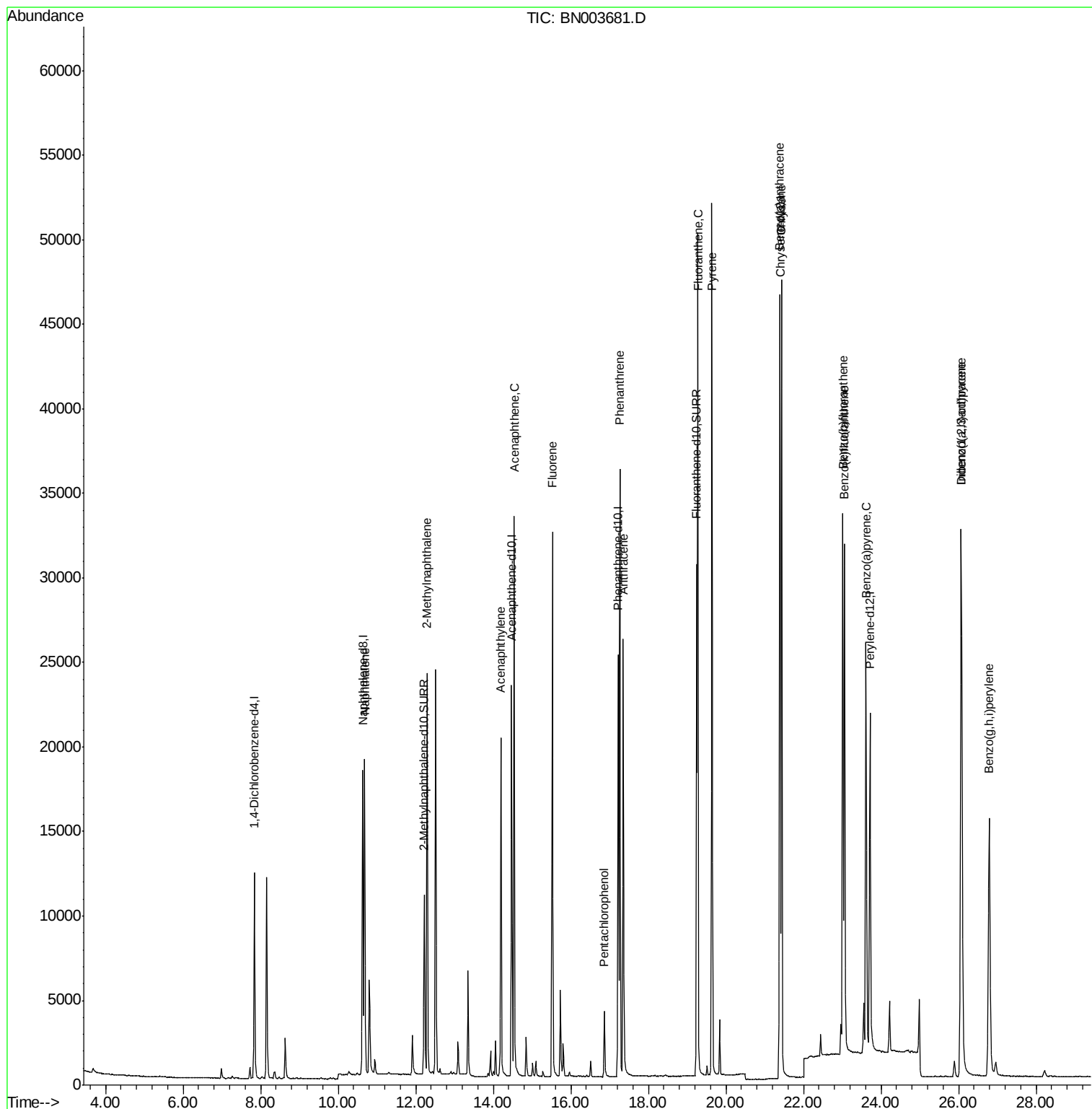
Quant Time: Dec 04 01:20:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 01:17:12 2018
Response via : Initial Calibration

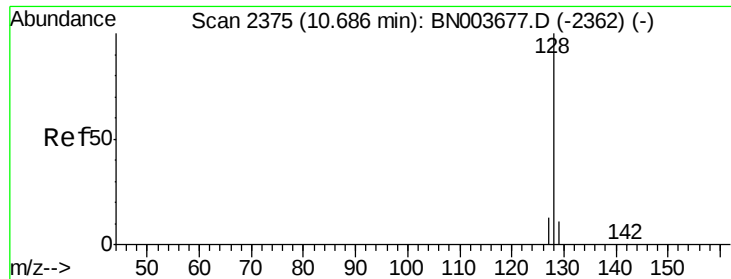
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	6329	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	24486	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	13016	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	30645	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	29947	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	28664	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	14446	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	32927	0.37	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	25458	0.370	ng/ul	100
5) 2-Methylnaphthalene	12.29	142	17214	0.358	ng/ul	100
7) Acenaphthylene	14.20	152	24540	0.419	ng/ul	100
8) Acenaphthene	14.54	153	19769	0.385	ng/ul	99
9) Fluorene	15.52	166	21444	0.358	ng/ul	99
11) Pentachlorophenol	16.86	266	2984	0.541	ng/ul	99
12) Phenanthrene	17.26	178	37442	0.372	ng/ul	99
13) Anthracene	17.35	178	29560	0.358	ng/ul	100
15) Fluoranthene	19.27	202	42205	0.355	ng/ul	97
17) Pyrene	19.64	202	43527	0.405	ng/ul	99
18) Benzo(a)anthracene	21.38	228	35084	0.371	ng/ul	99
19) Chrysene	21.43	228	40814	0.377	ng/ul	99
21) Benzo(b)fluoranthene	23.01	252	42121	0.355	ng/ul	99
22) Benzo(k)fluoranthene	23.06	252	41416	0.359	ng/ul	99
23) Benzo(a)pyrene	23.61	252	36541	0.356	ng/ul	100
24) Indeno(1,2,3-cd)pyrene	26.06	276	41204	0.350	ng/ul	98
25) Dibenzo(a,h)anthracene	26.08	278	32021	0.338	ng/ul	99
26) Benzo(g,h,i)perylene	26.78	276	35092	0.343	ng/ul	98

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

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Quant Time: Dec 04 01:20:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 01:17:12 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.370 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BN003681.D

Acq: 03 Dec 2018 16:41

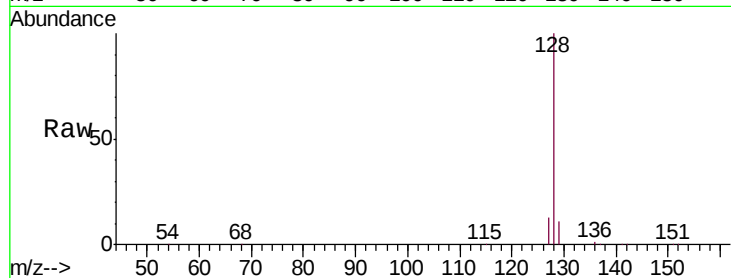
Tgt Ion:128 Resp: 25458

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

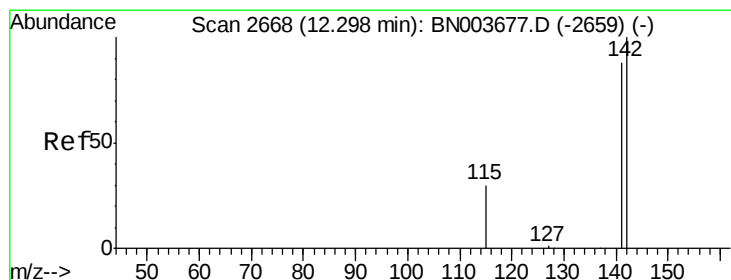
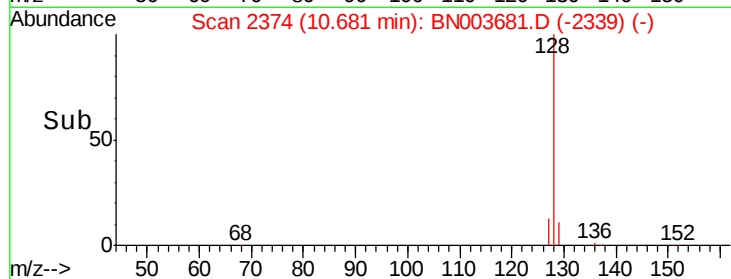
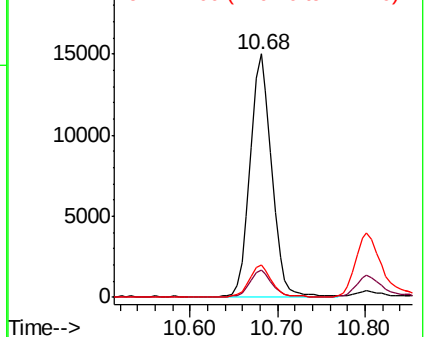
127 13.2 10.5 15.7



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: 0.358 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.01 min

Lab File: BN003681.D

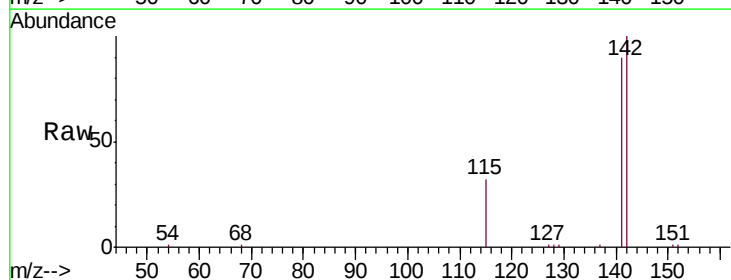
Acq: 03 Dec 2018 16:41

Tgt Ion:142 Resp: 17214

Ion Ratio Lower Upper

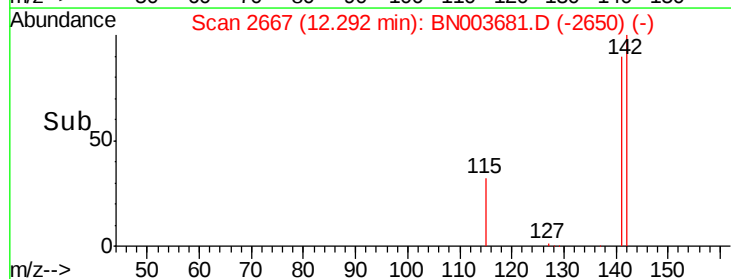
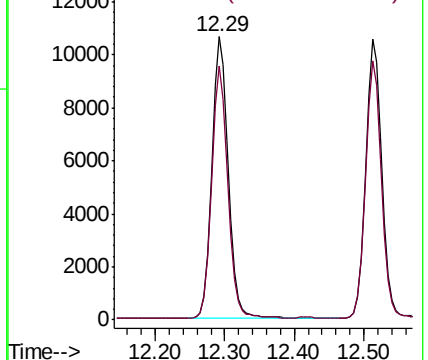
142 100

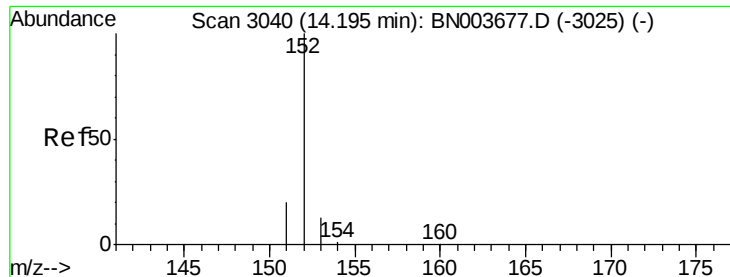
141 89.2 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.419 ng/ul

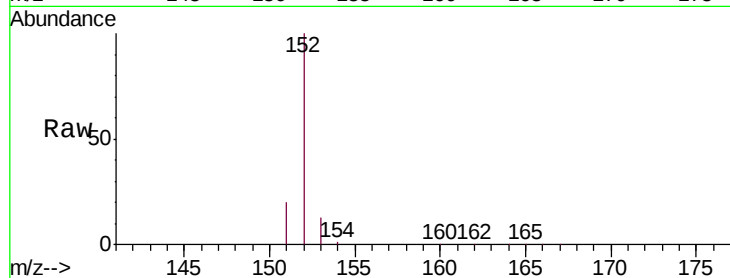
RT: 14.20 min Scan# 3040

Delta R.T. 0.00 min

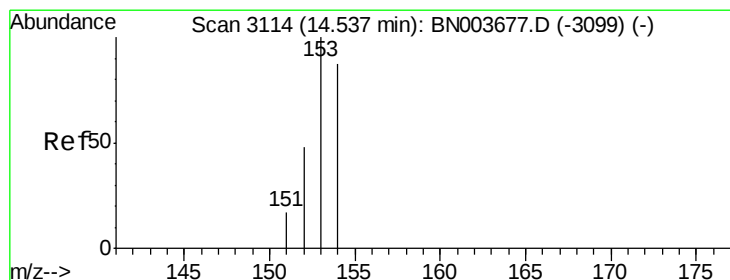
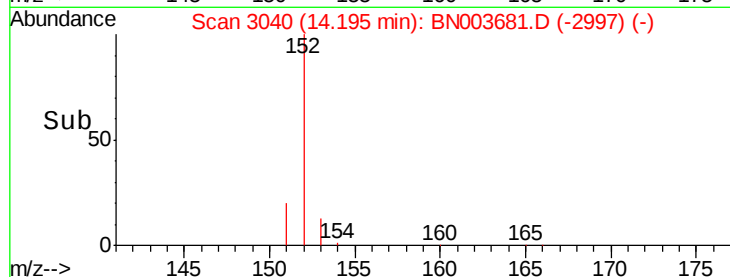
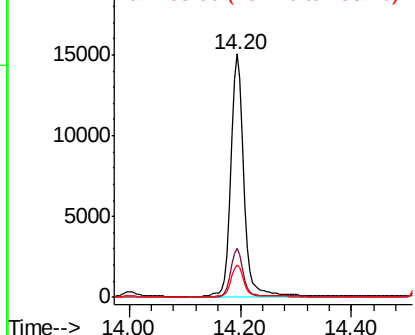
Lab File: BN003681.D

Acq: 03 Dec 2018 16:41

Tgt Ion:	152	Resp:	24540
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.2	10.7	16.1



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: 0.385 ng/ul

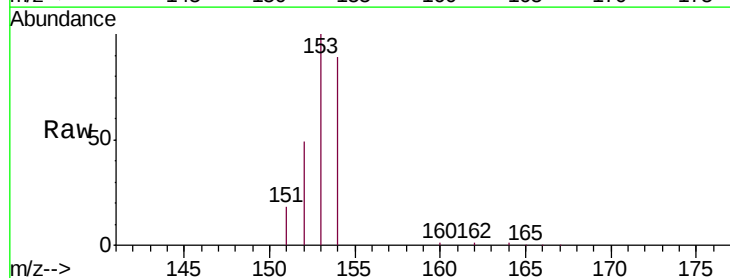
RT: 14.54 min Scan# 3114

Delta R.T. 0.00 min

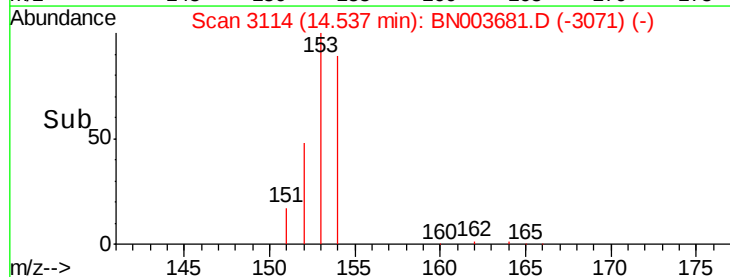
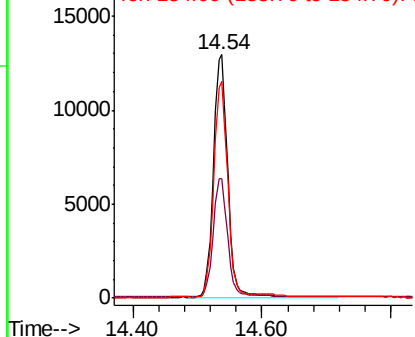
Lab File: BN003681.D

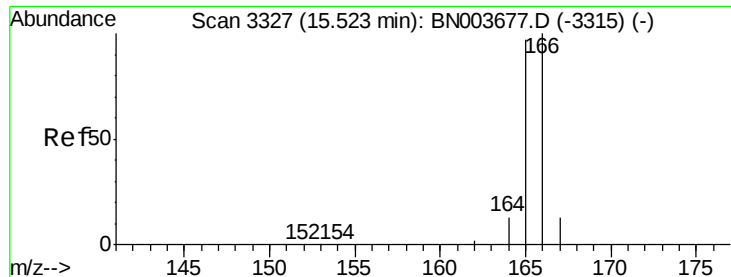
Acq: 03 Dec 2018 16:41

Tgt Ion:	153	Resp:	19769
Ion	Ratio	Lower	Upper
153	100		
152	49.0	39.3	58.9
154	89.2	70.3	105.5



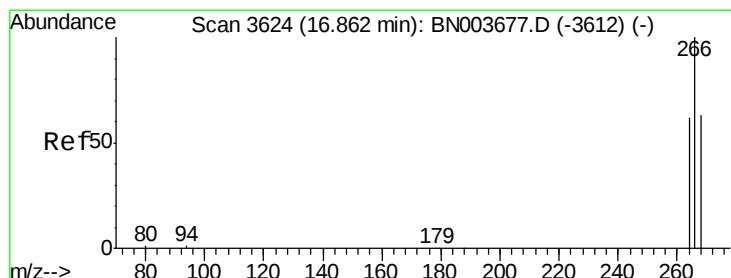
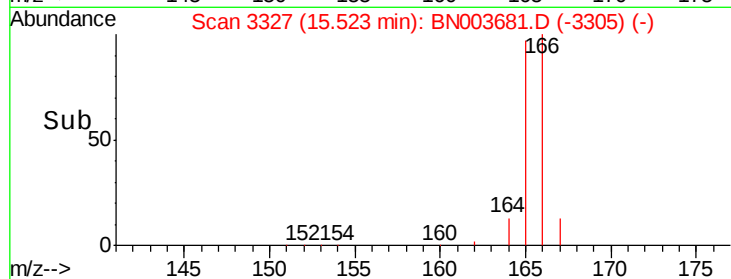
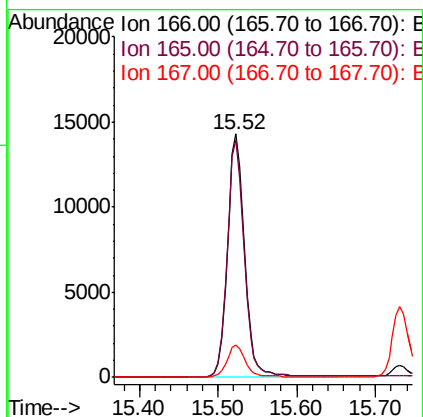
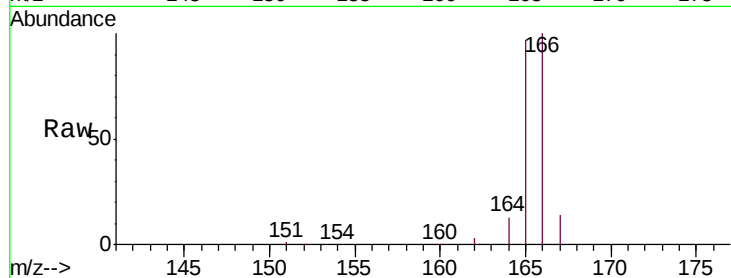
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





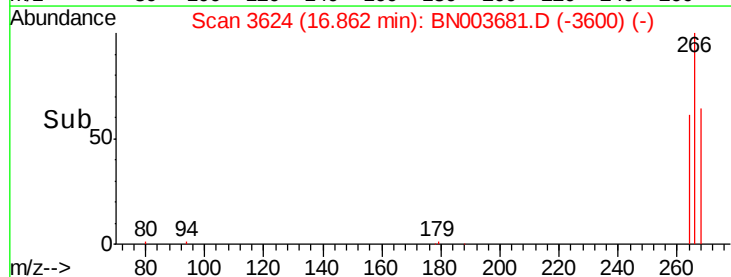
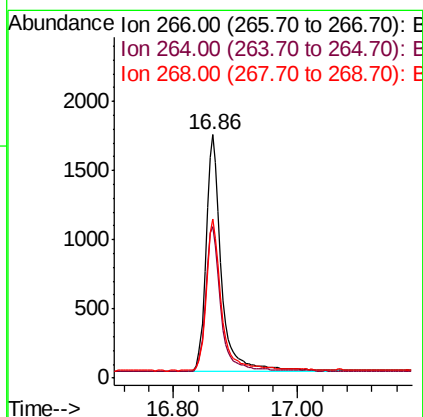
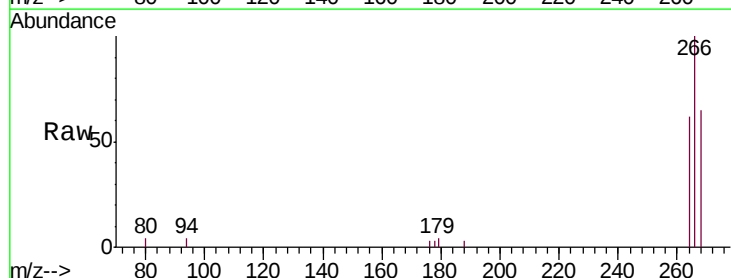
#9
Fluorene
 Concen: 0.358 ng/ul
 RT: 15.52 min Scan# 3327
 Delta R.T. 0.00 min
 Lab File: BN003681.D
 Acq: 03 Dec 2018 16:41

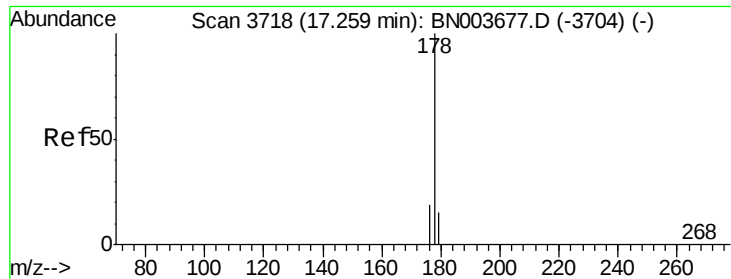
Tgt Ion:166 Resp: 21444
 Ion Ratio Lower Upper
 166 100
 165 97.3 78.3 117.5
 167 13.6 11.3 16.9



#11
Pentachlorophenol
 Concen: 0.541 ng/ul
 RT: 16.86 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: BN003681.D
 Acq: 03 Dec 2018 16:41

Tgt Ion:266 Resp: 2984
 Ion Ratio Lower Upper
 266 100
 264 63.0 49.4 74.2
 268 64.1 51.7 77.5





#12

Phenanthrene

Concen: 0.372 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BN003681.D

Acq: 03 Dec 2018 16:41

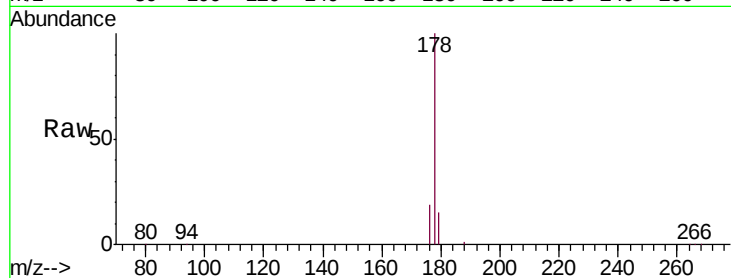
Tgt Ion:178 Resp: 37442

Ion Ratio Lower Upper

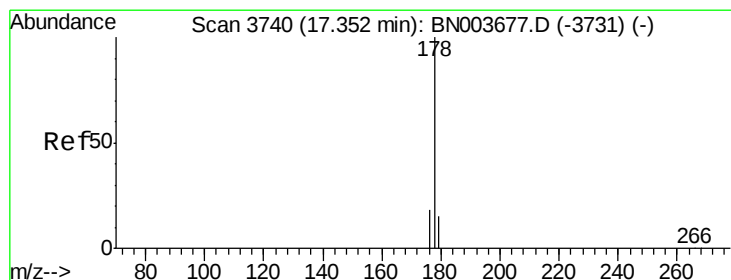
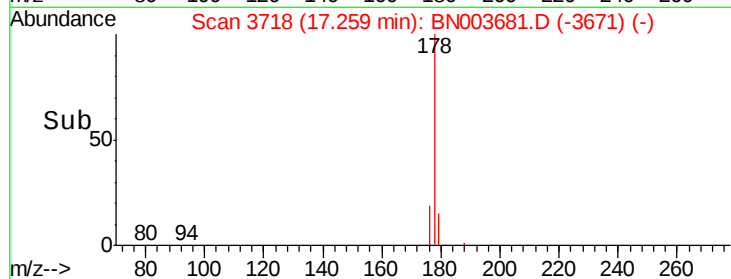
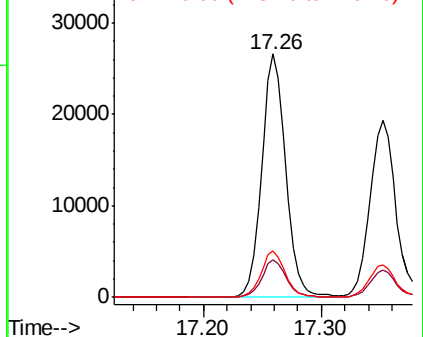
178 100

179 15.5 12.5 18.7

176 19.0 15.0 22.4



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: 0.358 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. 0.00 min

Lab File: BN003681.D

Acq: 03 Dec 2018 16:41

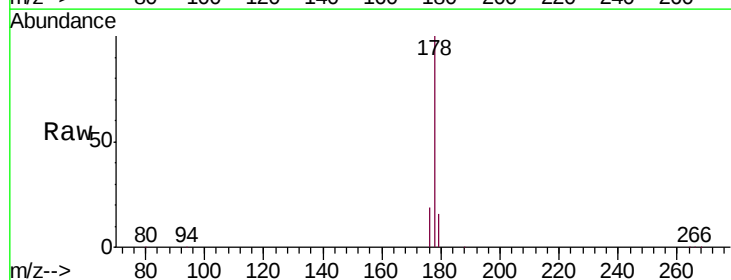
Tgt Ion:178 Resp: 29560

Ion Ratio Lower Upper

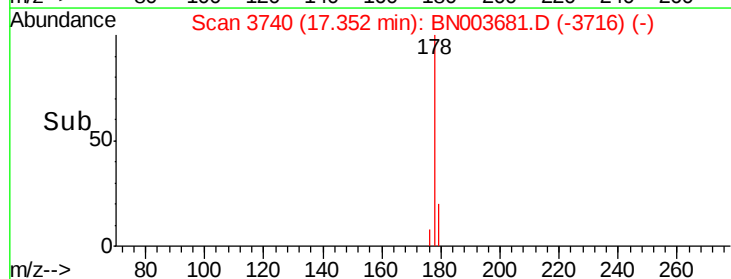
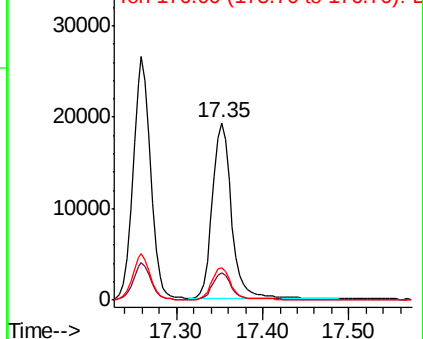
178 100

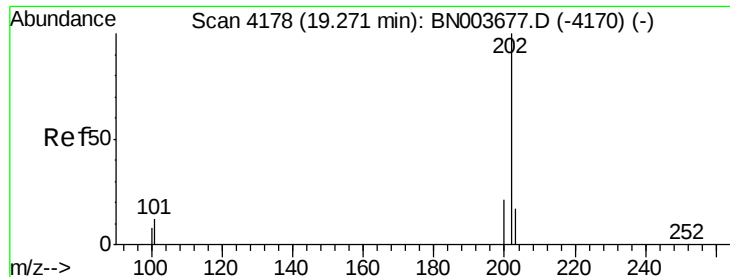
179 15.6 12.3 18.5

176 18.5 14.8 22.2



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





#15

Fluoranthene

Concen: 0.355 ng/ul

RT: 19.27 min Scan# 4178

Delta R.T. 0.00 min

Lab File: BN003681.D

Acq: 03 Dec 2018 16:41

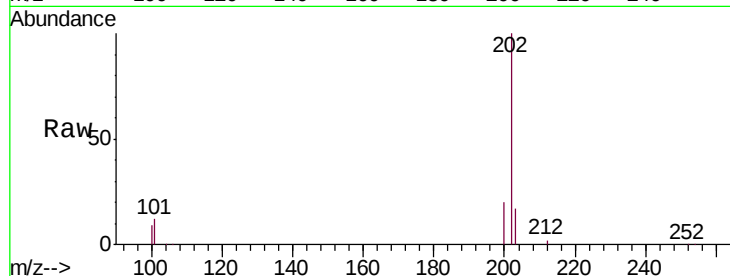
Tgt Ion:202 Resp: 42205

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.7

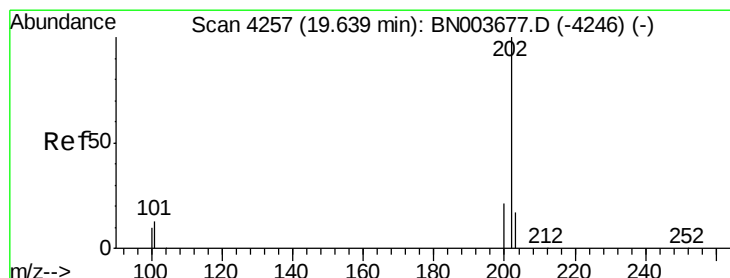
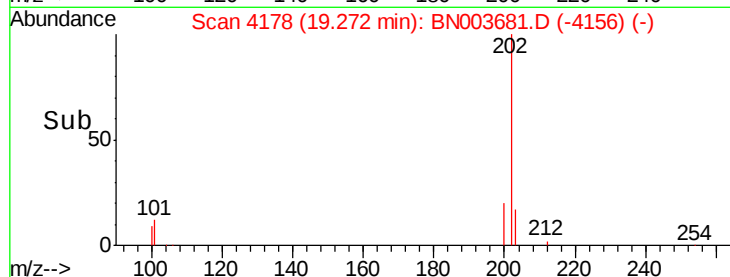
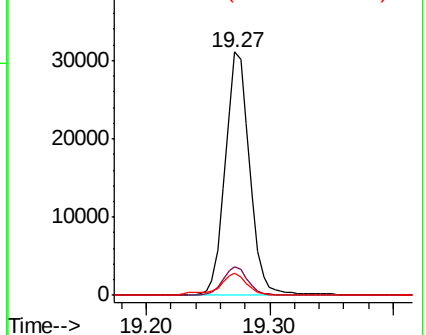
100 8.9 0.0 28.1



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



#17

Pyrene

Concen: 0.405 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN003681.D

Acq: 03 Dec 2018 16:41

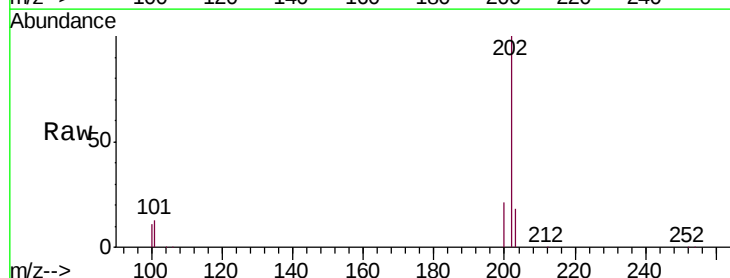
Tgt Ion:202 Resp: 43527

Ion Ratio Lower Upper

202 100

101 13.4 10.3 15.5

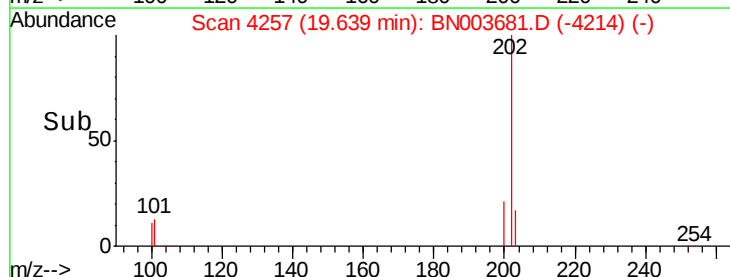
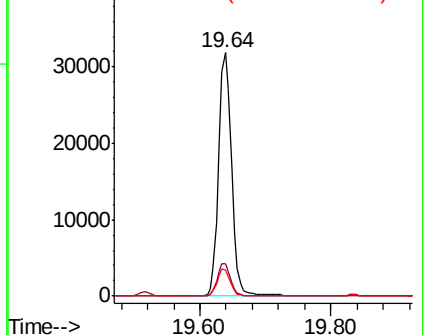
100 10.9 8.5 12.7

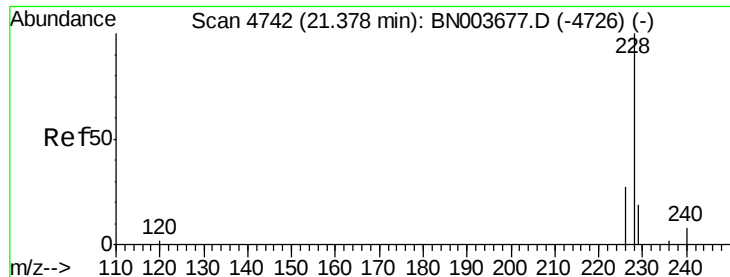


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.371 ng/ul

RT: 21.38 min Scan# 4744

Delta R.T. 0.00 min

Lab File: BN003681.D

Acq: 03 Dec 2018 16:41

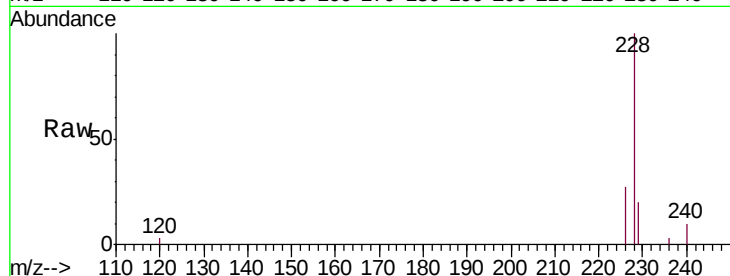
Tgt Ion:228 Resp: 35084

Ion Ratio Lower Upper

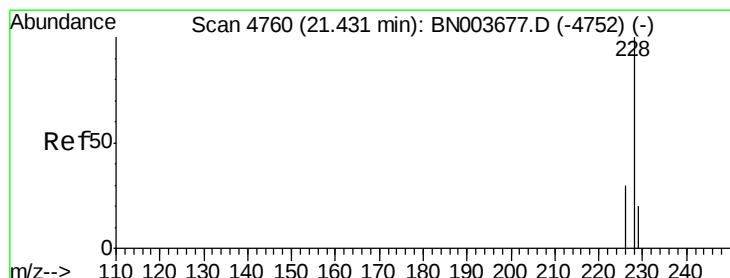
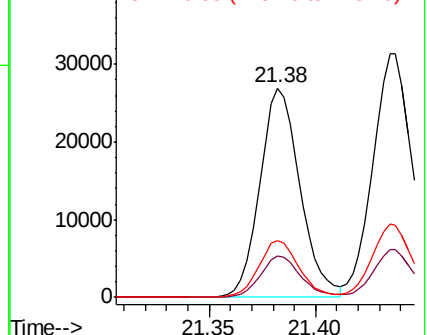
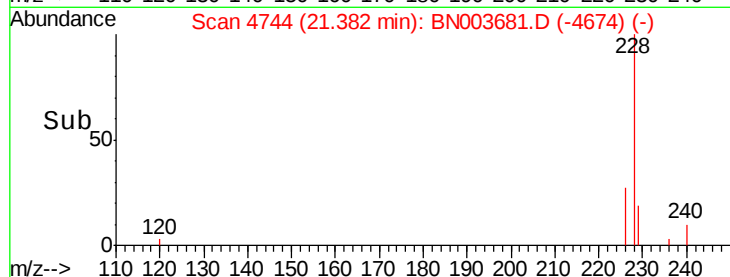
228 100

229 19.6 15.6 23.4

226 27.2 21.1 31.7



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: 0.377 ng/ul

RT: 21.43 min Scan# 4762

Delta R.T. 0.00 min

Lab File: BN003681.D

Acq: 03 Dec 2018 16:41

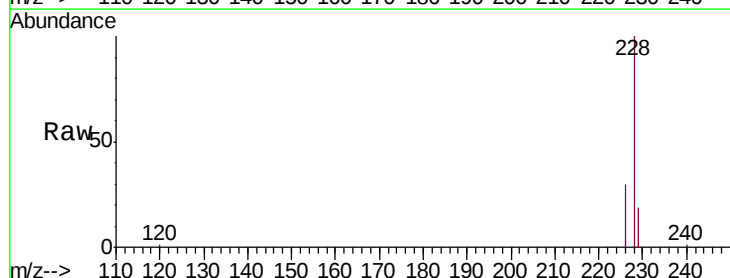
Tgt Ion:228 Resp: 40814

Ion Ratio Lower Upper

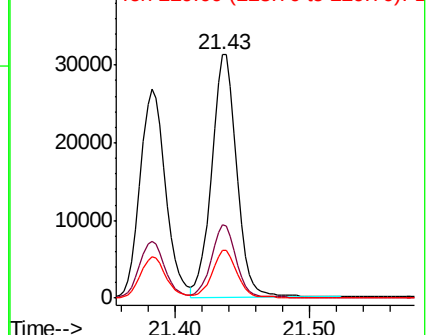
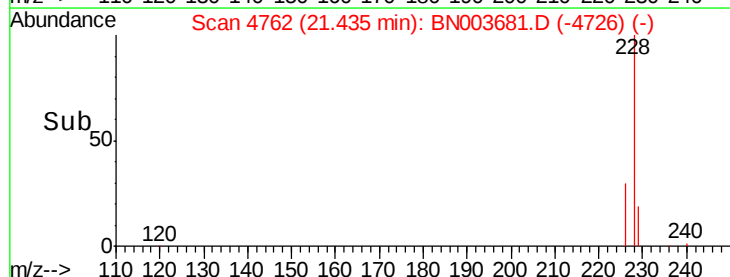
228 100

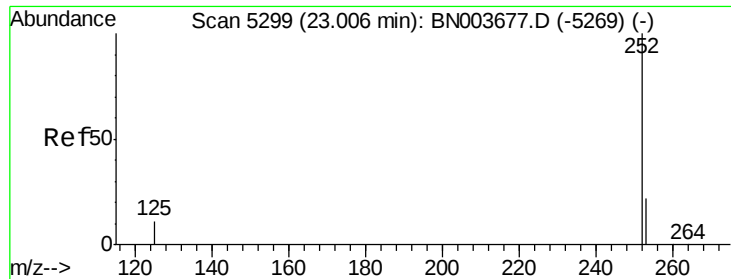
226 30.4 24.0 36.0

229 19.4 15.7 23.5



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: 0.355 ng/ul

RT: 23.01 min Scan# 5301

Delta R.T. 0.00 min

Lab File: BN003681.D

Acq: 03 Dec 2018 16:41

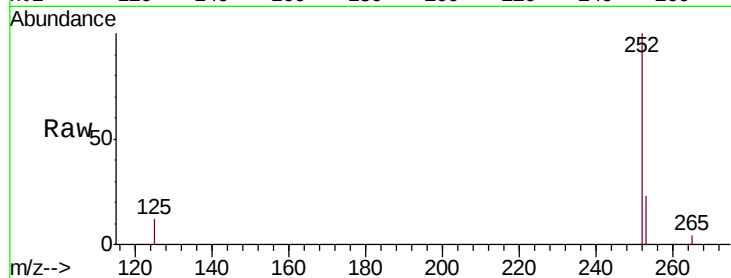
Tgt Ion:252 Resp: 42121

Ion Ratio Lower Upper

252 100

253 23.2 0.0 46.0

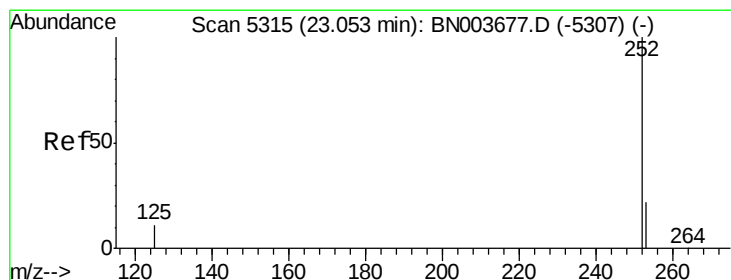
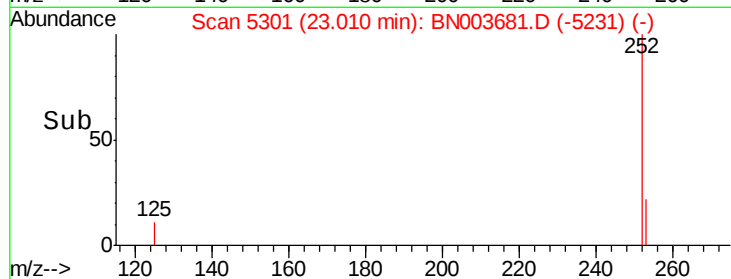
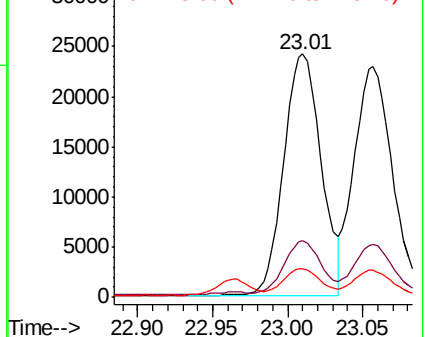
125 11.6 0.0 22.4



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: 0.359 ng/ul

RT: 23.06 min Scan# 5317

Delta R.T. 0.00 min

Lab File: BN003681.D

Acq: 03 Dec 2018 16:41

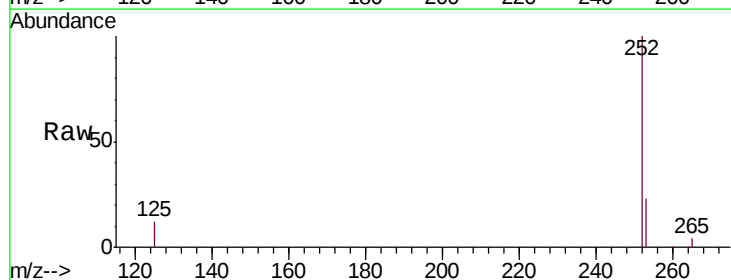
Tgt Ion:252 Resp: 41416

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

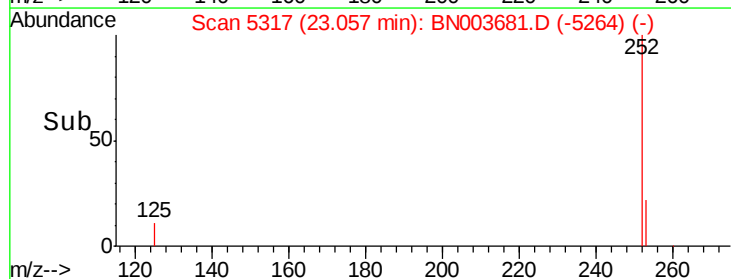
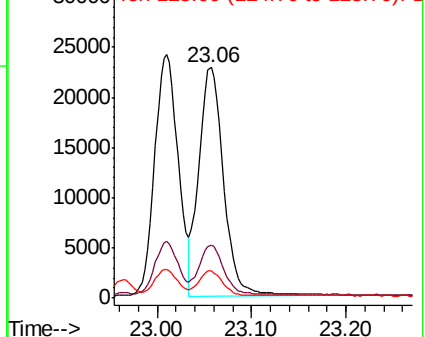
125 11.6 9.0 13.6

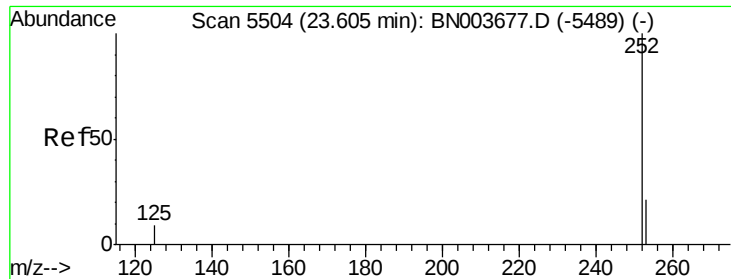


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.356 ng/ul

RT: 23.61 min Scan# 5507

Delta R.T. 0.01 min

Lab File: BN003681.D

Acq: 03 Dec 2018 16:41

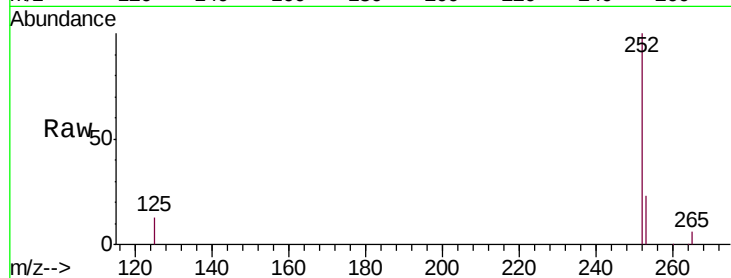
Tgt Ion: 252 Resp: 36541

Ion Ratio Lower Upper

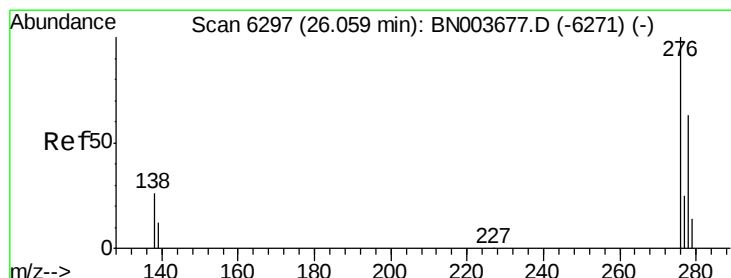
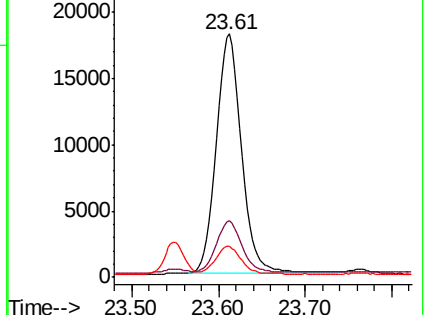
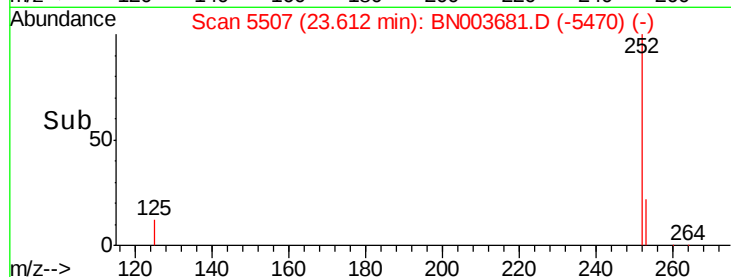
252 100

253 23.4 19.0 28.4

125 12.9 10.2 15.4



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.350 ng/ul

RT: 26.06 min Scan# 6299

Delta R.T. 0.01 min

Lab File: BN003681.D

Acq: 03 Dec 2018 16:41

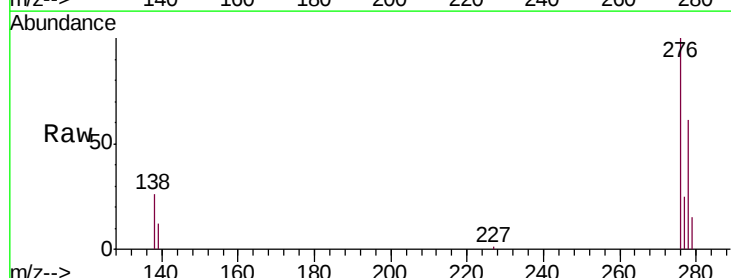
Tgt Ion: 276 Resp: 41204

Ion Ratio Lower Upper

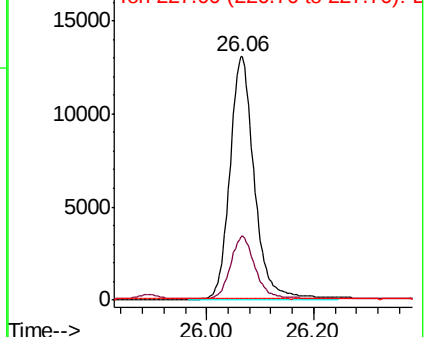
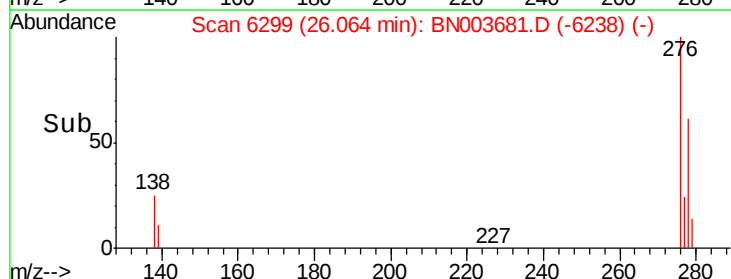
276 100

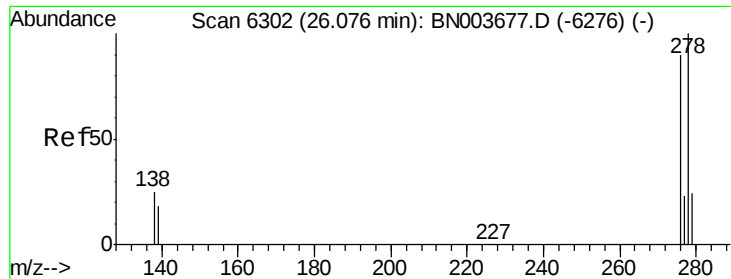
138 26.3 20.3 30.5

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

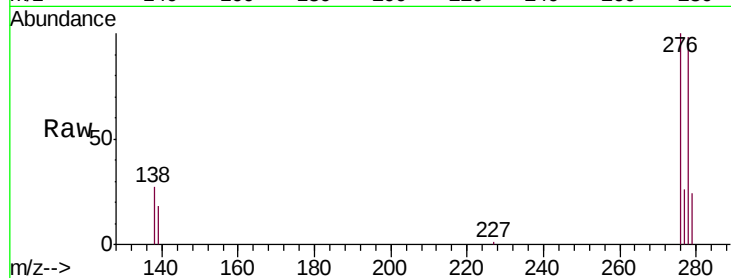




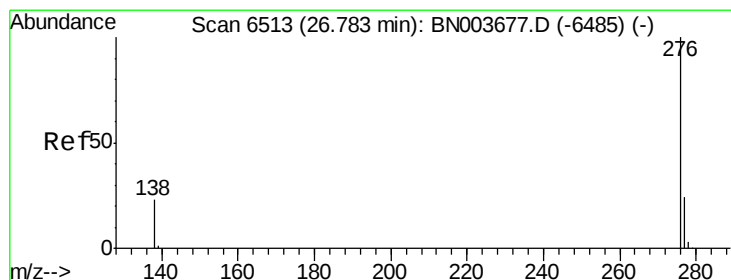
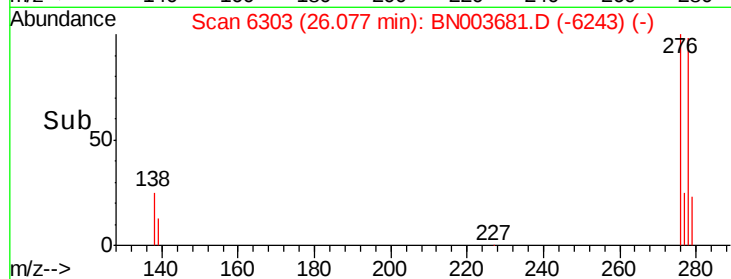
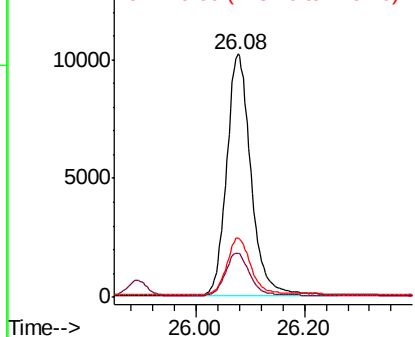
#25
Dibenzo(a,h)anthracene
Concen: 0.338 ng/ul
RT: 26.08 min Scan# 6303
Delta R.T. 0.00 min
Lab File: BN003681.D
Acq: 03 Dec 2018 16:41

Tgt Ion: 278 Resp: 32021

Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.2	21.4
279	24.3	19.8	29.6



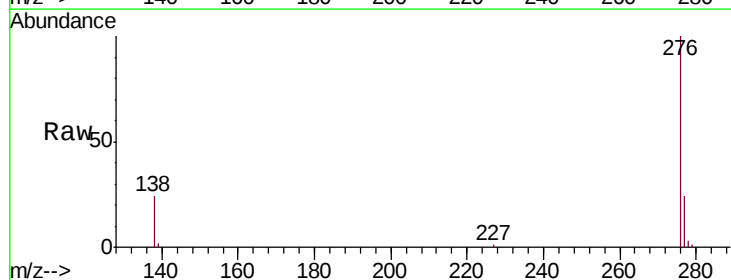
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.343 ng/ul
RT: 26.78 min Scan# 6514
Delta R.T. 0.00 min
Lab File: BN003681.D
Acq: 03 Dec 2018 16:41

Tgt Ion: 276 Resp: 35092

Ion	Ratio	Lower	Upper
276	100		
138	23.6	17.7	26.5
277	24.2	19.3	28.9



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

