

Data File : BN003653.D
Acq On : 01 Dec 2018 09:56
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

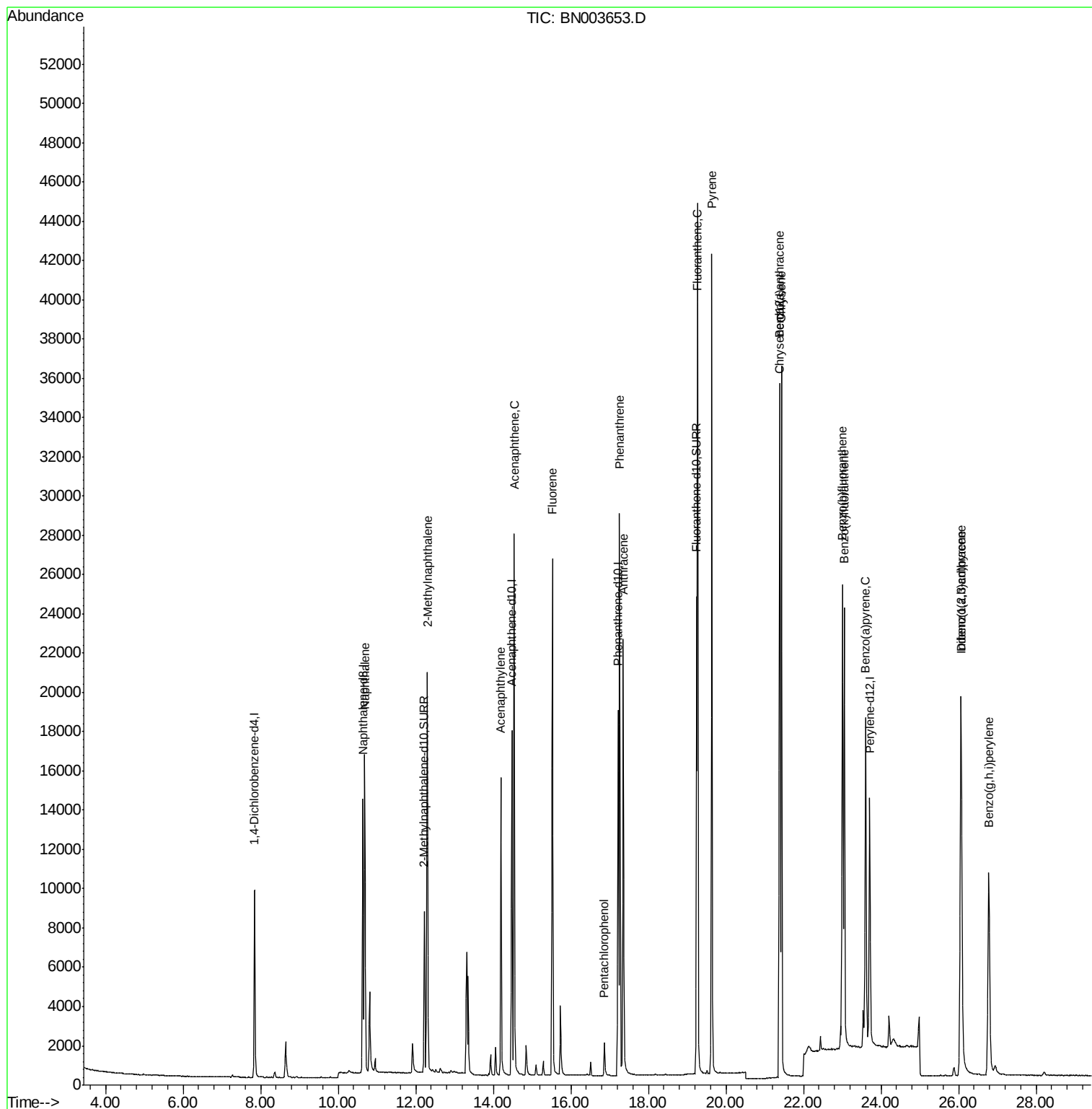
Quant Time: Dec 03 01:15:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 28 01:42:39 2018
Response via : Initial Calibration

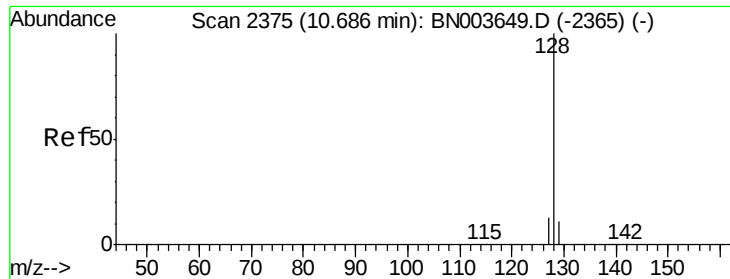
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5115	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	19336	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	9934	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	22670	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	20701	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	18380	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	11561	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	27445	0.41	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.69	128	22306	0.411	ng/ul	100
5) 2-Methylnaphthalene	12.30	142	15390	0.406	ng/ul	100
7) Acenaphthylene	14.19	152	18723	0.419	ng/ul	100
8) Acenaphthene	14.54	153	16347	0.417	ng/ul	100
9) Fluorene	15.52	166	18415	0.403	ng/ul	99
11) Pentachlorophenol	16.86	266	1500	0.367	ng/ul	99
12) Phenanthrene	17.26	178	31428	0.422	ng/ul	99
13) Anthracene	17.35	178	25208	0.412	ng/ul	100
15) Fluoranthene	19.27	202	38114	0.434	ng/ul	97
17) Pyrene	19.64	202	36502	0.492	ng/ul	100
18) Benzo(a)anthracene	21.38	228	27412	0.419	ng/ul	98
19) Chrysene	21.43	228	30620	0.409	ng/ul	100
21) Benzo(b)fluoranthene	23.00	252	31247	0.411	ng/ul	99
22) Benzo(k)fluoranthene	23.05	252	29490	0.398	ng/ul	99
23) Benzo(a)pyrene	23.60	252	26359	0.400	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.06	276	27402	0.363	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.07	278	20153	0.332	ng/ul	98
26) Benzo(g,h,i)perylene	26.78	276	24785	0.378	ng/ul	98

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

Data File : BN003653.D
Acq On : 01 Dec 2018 09:56
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 03 00:06:31 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 : Wed Nov 28 01:42:39 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.411 ng/ul

RT: 10.69 min Scan# 2375

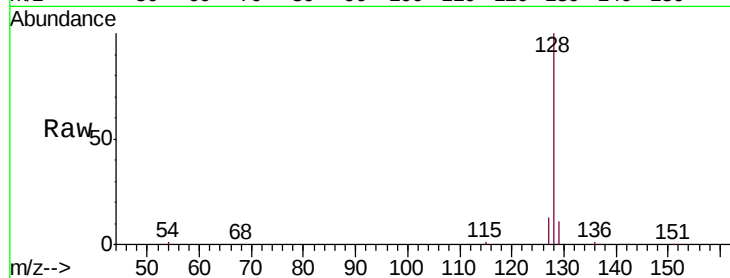
Delta R.T. 0.00 min

Lab File: BN003653.D

Acq: 01 Dec 2018 09:56

Tgt Ion:128 Resp: 22306

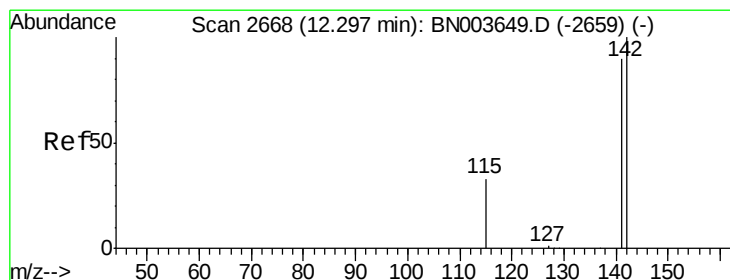
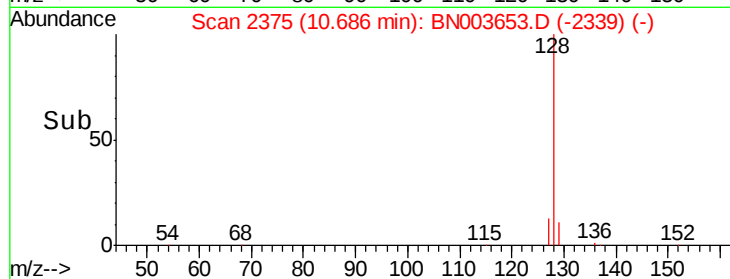
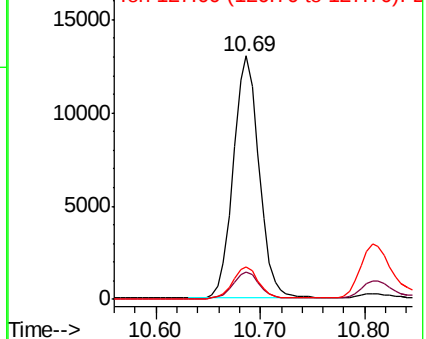
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.2	10.5	15.7



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: 0.406 ng/ul

RT: 12.30 min Scan# 2668

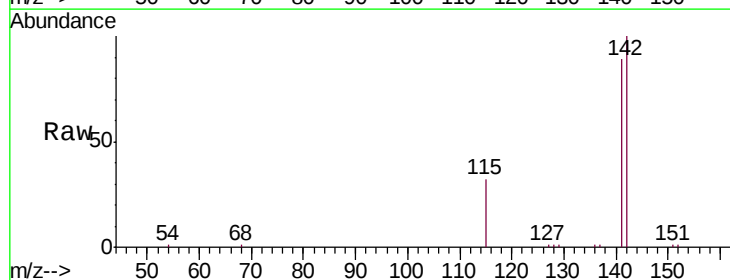
Delta R.T. 0.00 min

Lab File: BN003653.D

Acq: 01 Dec 2018 09:56

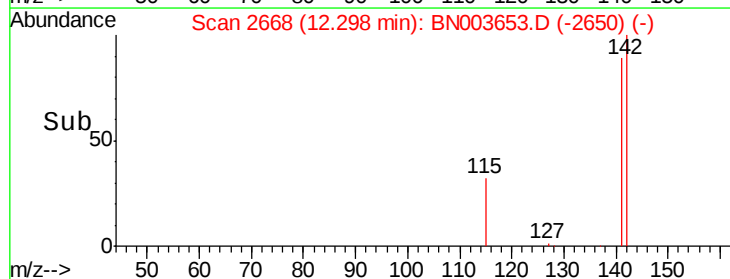
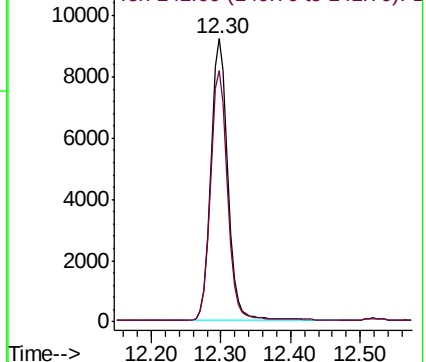
Tgt Ion:142 Resp: 15390

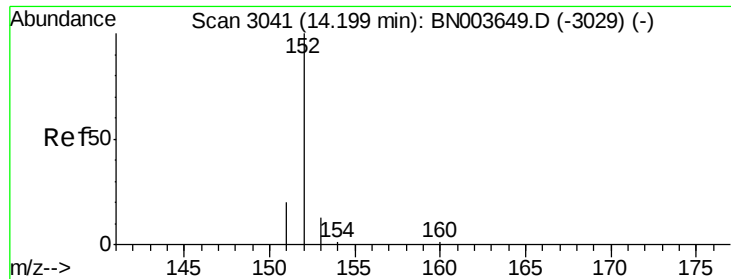
Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.5	107.3



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: 14.19 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN003653.D

Acq: 01 Dec 2018 09:56

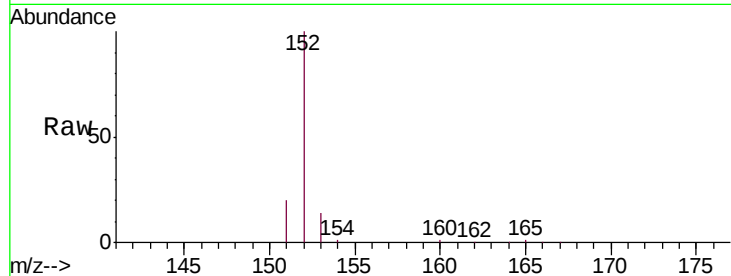
Tgt Ion:152 Resp: 18723

Ion Ratio Lower Upper

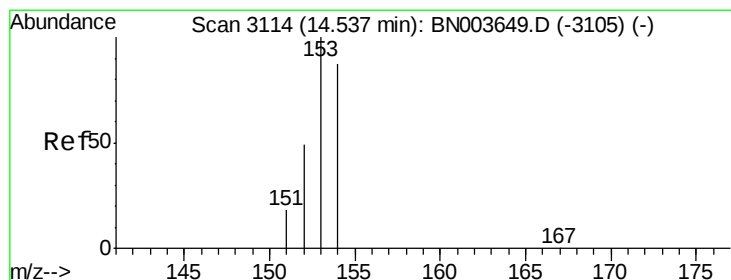
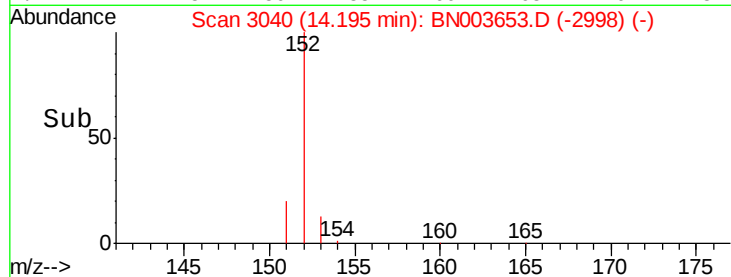
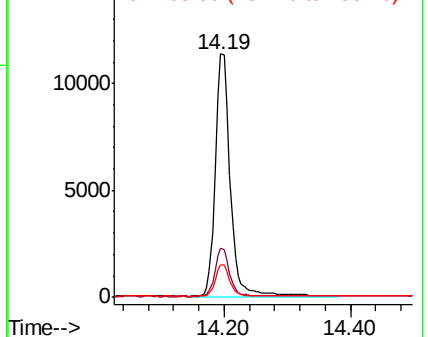
152 100

151 20.0 15.9 23.9

153 13.5 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: 0.417 ng/ul

RT: 14.54 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BN003653.D

Acq: 01 Dec 2018 09:56

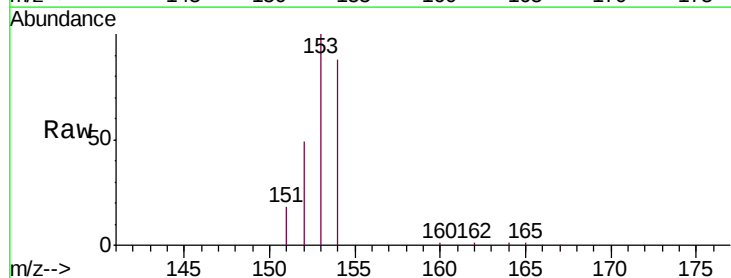
Tgt Ion:153 Resp: 16347

Ion Ratio Lower Upper

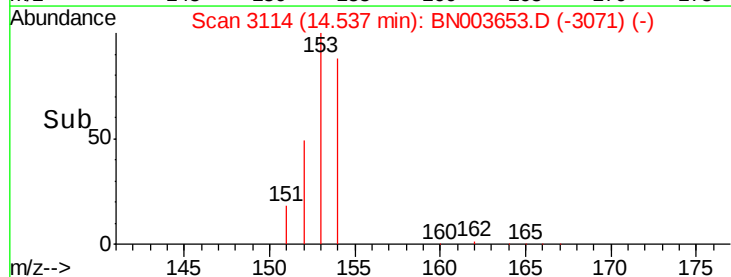
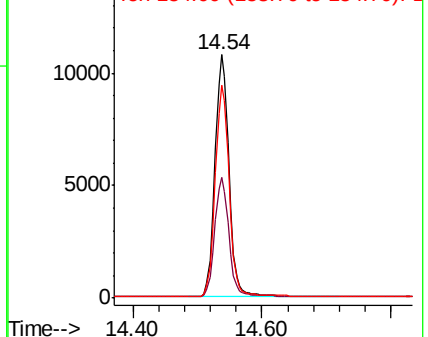
153 100

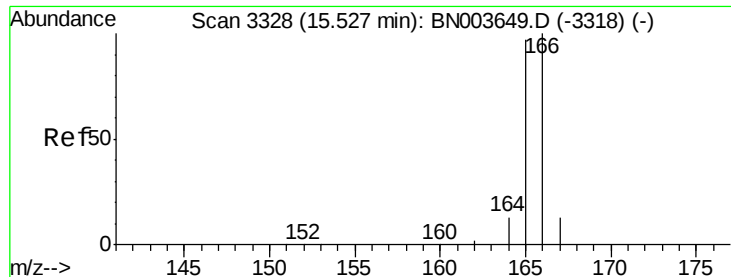
152 49.5 39.3 58.9

154 87.7 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: 0.403 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. -0.00 min

Lab File: BN003653.D

Acq: 01 Dec 2018 09:56

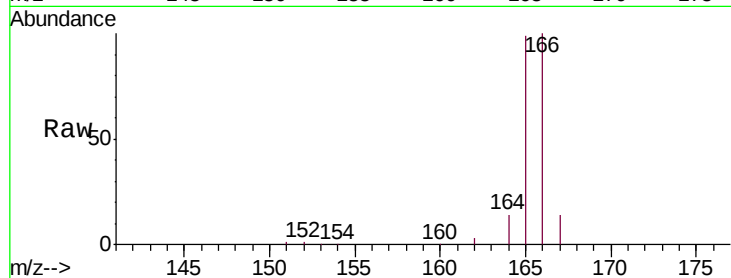
Tgt Ion:166 Resp: 18415

Ion Ratio Lower Upper

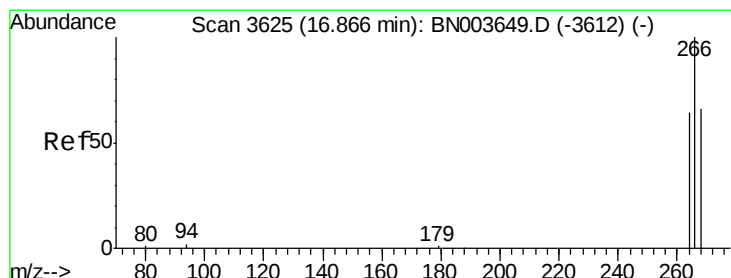
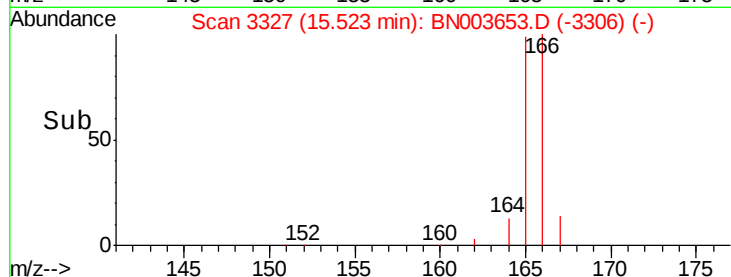
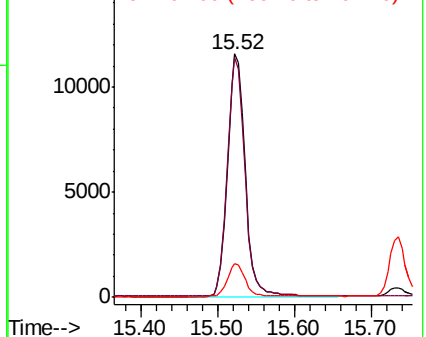
166 100

165 98.7 78.3 117.5

167 14.0 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.367 ng/ul

RT: 16.86 min Scan# 3624

Delta R.T. -0.00 min

Lab File: BN003653.D

Acq: 01 Dec 2018 09:56

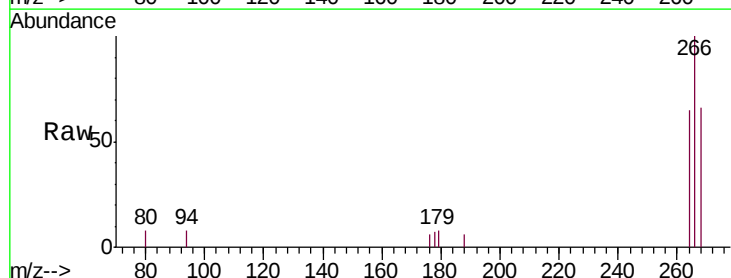
Tgt Ion:266 Resp: 1500

Ion Ratio Lower Upper

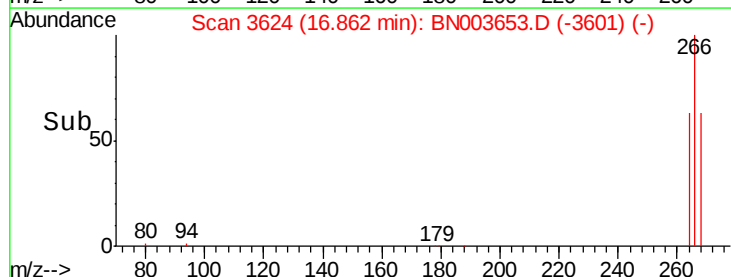
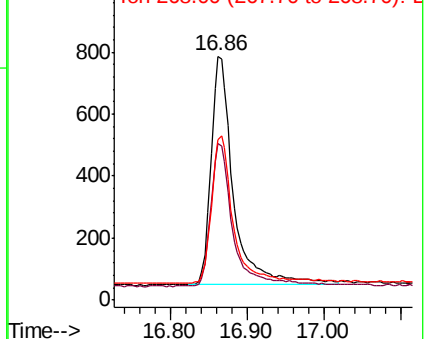
266 100

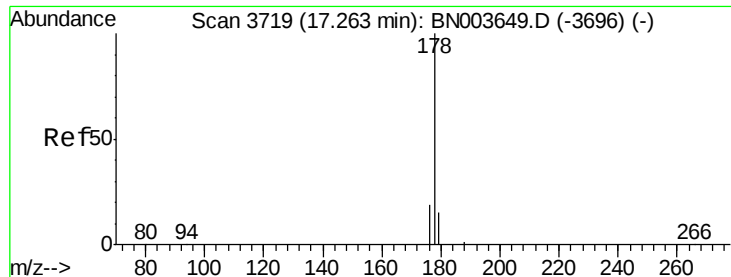
264 61.3 49.4 74.2

268 65.3 51.7 77.5



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: 0.422 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN003653.D

Acq: 01 Dec 2018 09:56

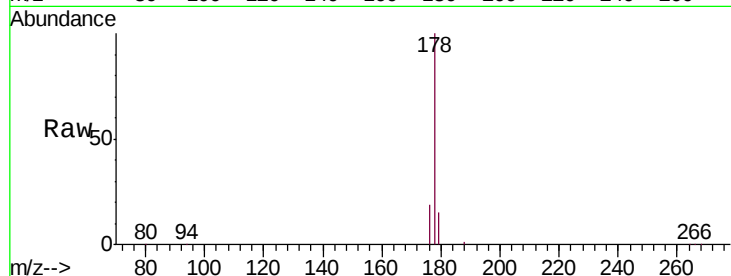
Tgt Ion:178 Resp: 31428

Ion Ratio Lower Upper

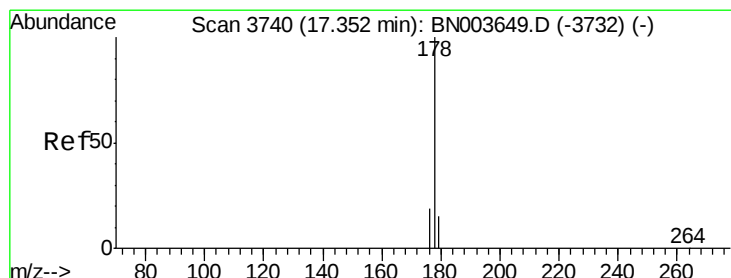
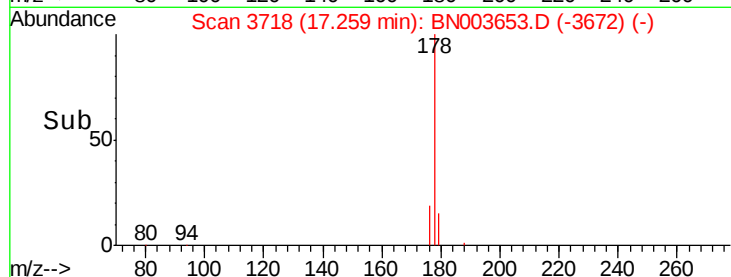
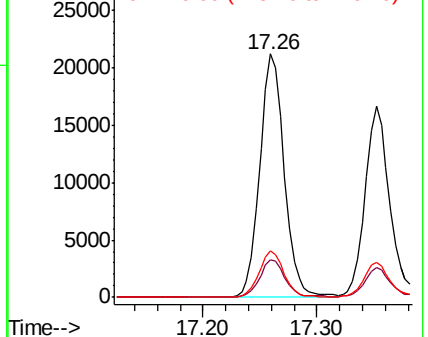
178 100

179 15.4 12.5 18.7

176 19.1 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: 0.412 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. 0.00 min

Lab File: BN003653.D

Acq: 01 Dec 2018 09:56

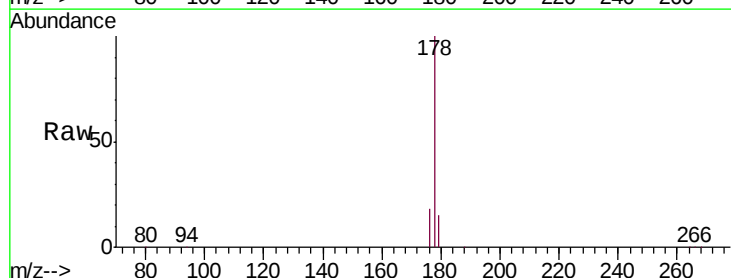
Tgt Ion:178 Resp: 25208

Ion Ratio Lower Upper

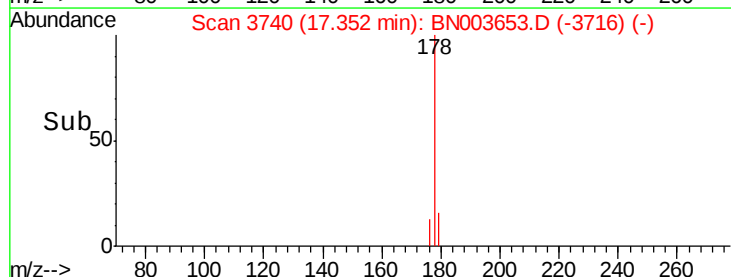
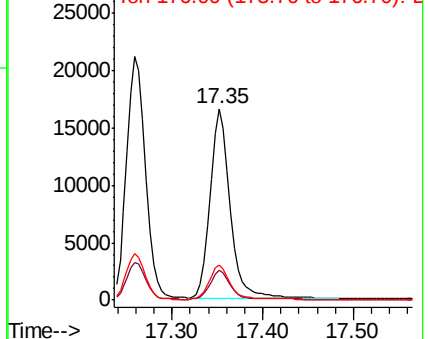
178 100

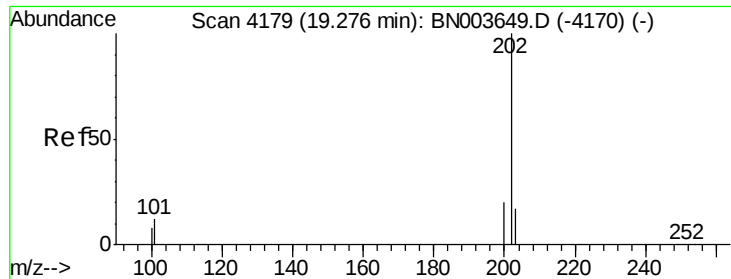
179 15.5 12.3 18.5

176 18.4 14.8 22.2



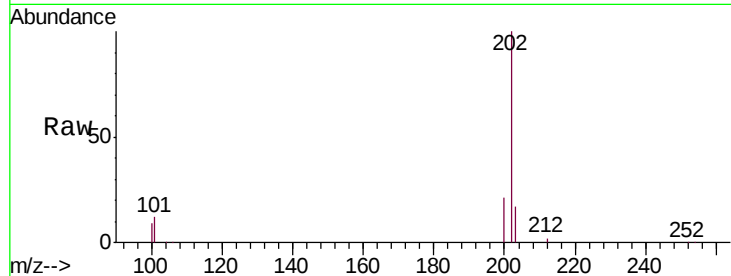
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



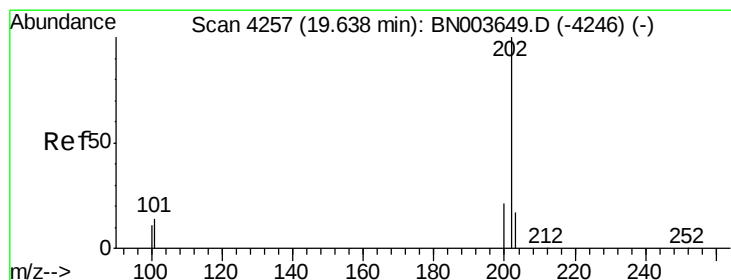
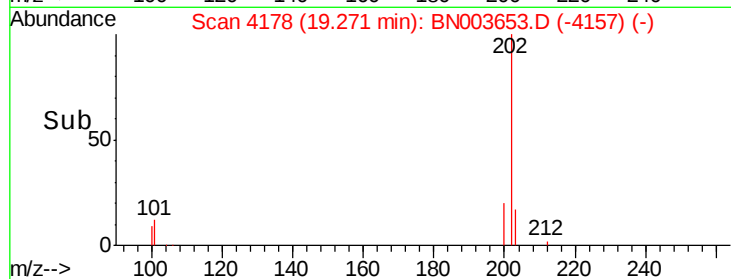
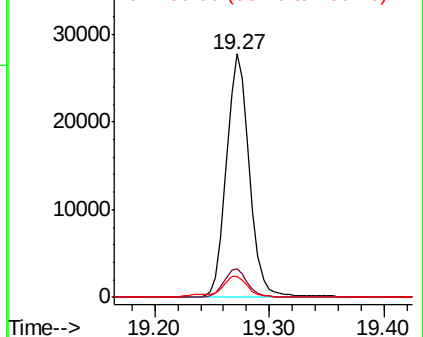


#15
Fluoranthene
Concen: 0.434 ng/ul
RT: 19.27 min Scan# 4178
Delta R.T. -0.00 min
Lab File: BN003653.D
Acq: 01 Dec 2018 09:56

Tgt Ion:202 Resp: 38114
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.7
100 8.8 0.0 28.1

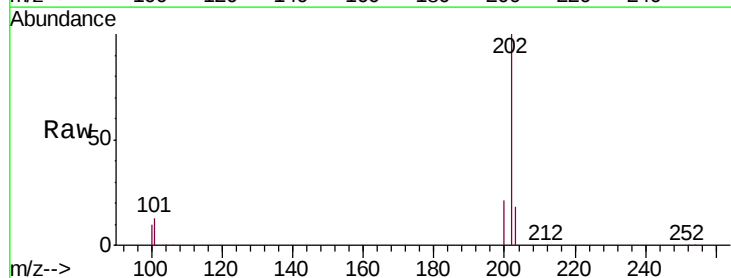


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

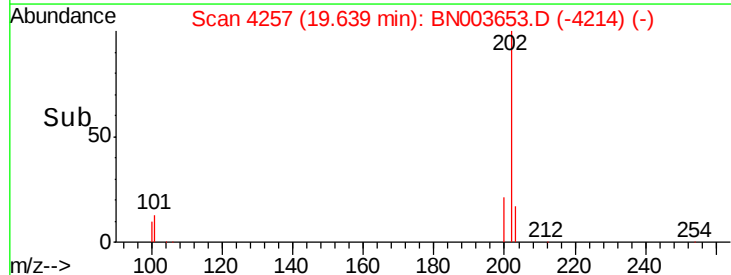
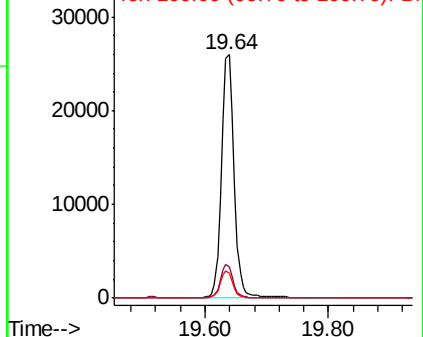


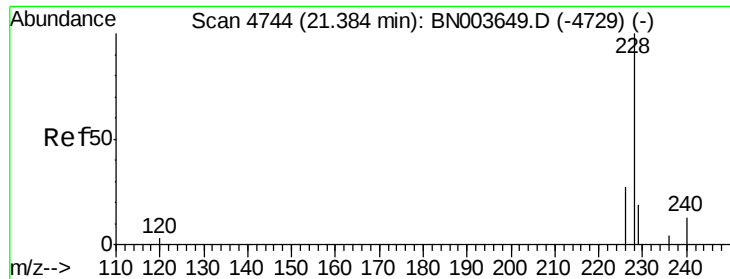
#17
Pyrene
Concen: 0.492 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. 0.00 min
Lab File: BN003653.D
Acq: 01 Dec 2018 09:56

Tgt Ion:202 Resp: 36502
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 10.3 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: 0.419 ng/ul

RT: 21.38 min Scan# 4742

Delta R.T. -0.01 min

Lab File: BN003653.D

Acq: 01 Dec 2018 09:56

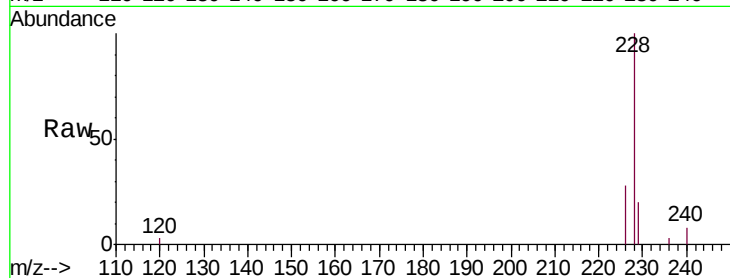
Tgt Ion:228 Resp: 27412

Ion Ratio Lower Upper

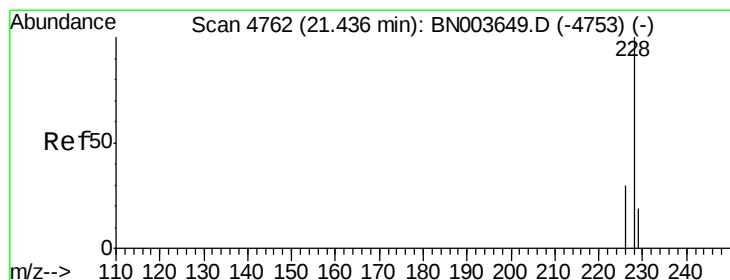
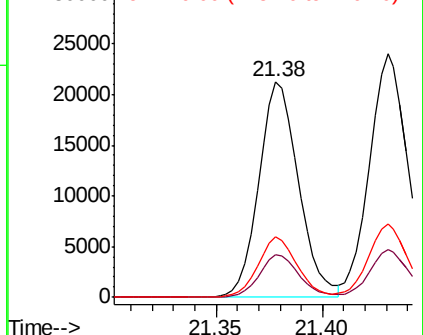
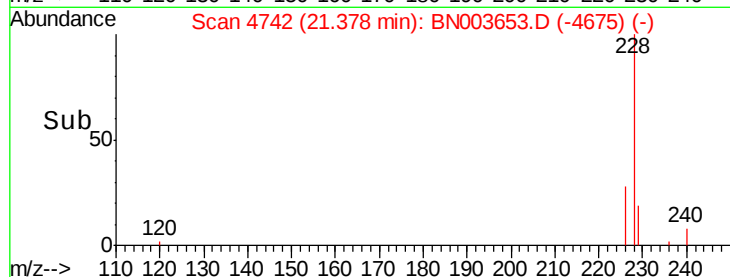
228 100

229 19.5 15.6 23.4

226 27.8 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: 0.409 ng/ul

RT: 21.43 min Scan# 4760

Delta R.T. -0.01 min

Lab File: BN003653.D

Acq: 01 Dec 2018 09:56

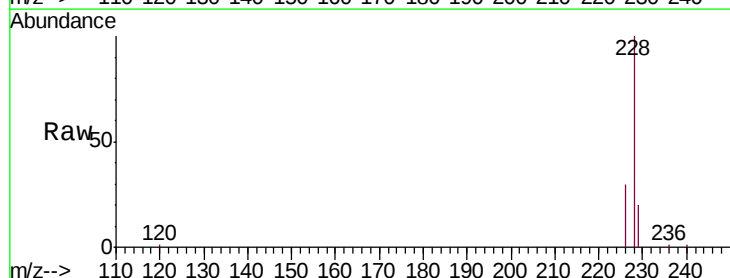
Tgt Ion:228 Resp: 30620

Ion Ratio Lower Upper

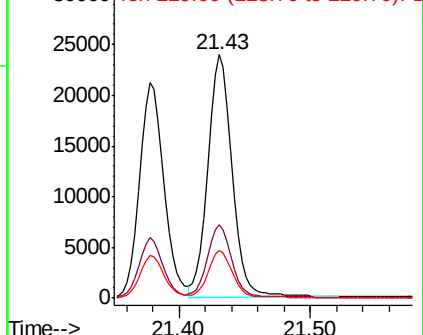
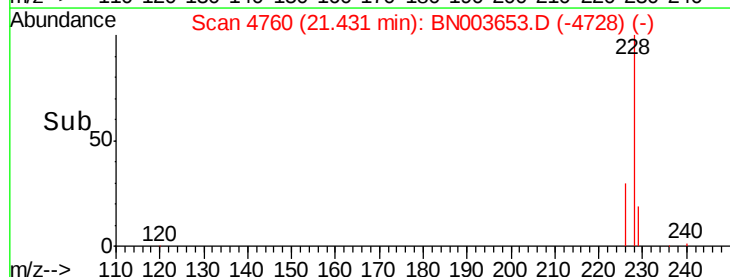
228 100

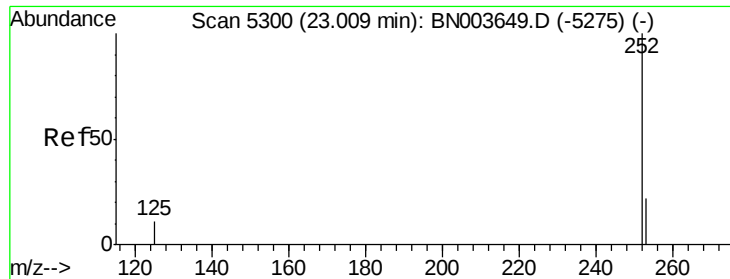
226 30.3 24.0 36.0

229 19.6 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: 0.411 ng/ul

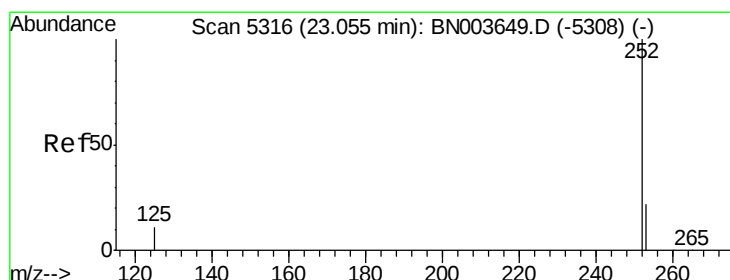
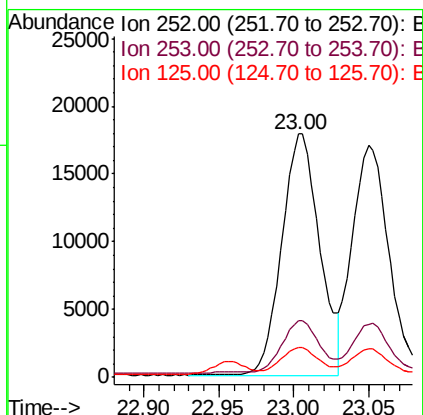
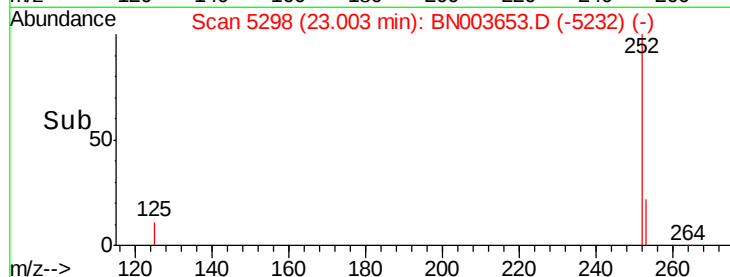
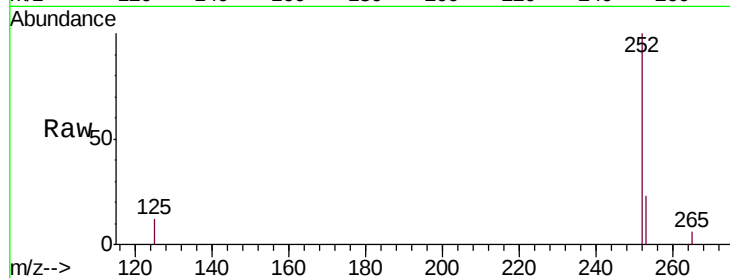
RT: 23.00 min Scan# 5298

Delta R.T. -0.01 min

Lab File: BN003653.D

Acq: 01 Dec 2018 09:56

Tgt Ion:	252	Resp:	31247
Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	46.0
125	12.3	0.0	22.4



#22

Benzo(k)fluoranthene

Concen: 0.398 ng/ul

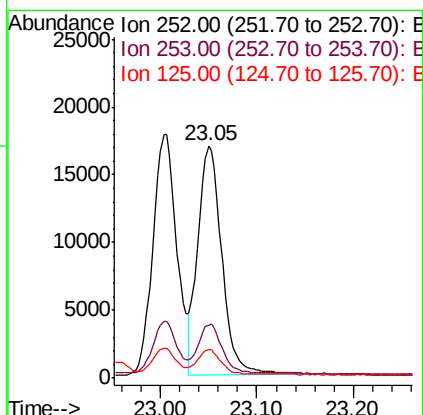
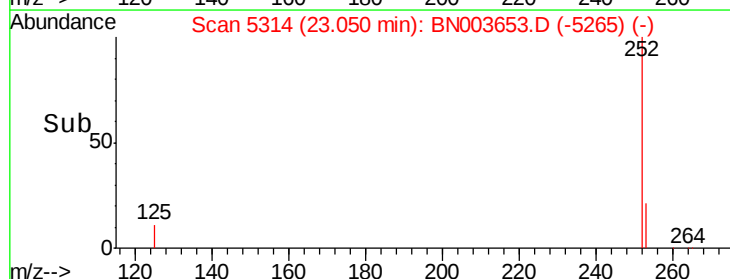
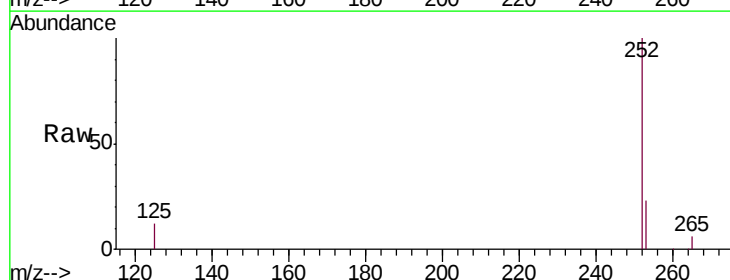
RT: 23.05 min Scan# 5314

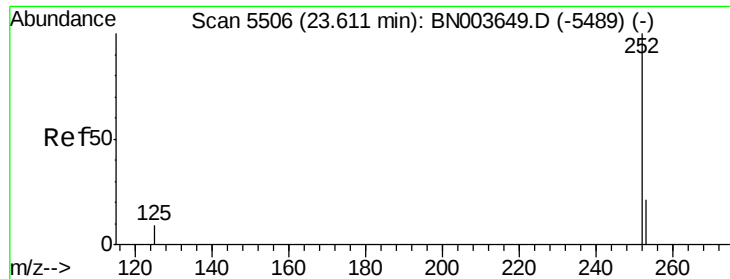
Delta R.T. -0.01 min

Lab File: BN003653.D

Acq: 01 Dec 2018 09:56

Tgt Ion:	252	Resp:	29490
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	12.1	9.0	13.6





#23

Benzo(a)pyrene

Concen: 0.400 ng/u1

RT: 23.60 min Scan# 5503

Delta R.T. -0.01 min

Lab File: BN003653.D

Acq: 01 Dec 2018 09:56

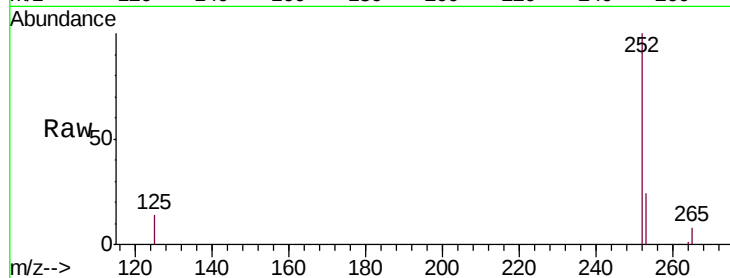
Tgt Ion:252 Resp: 26359

Ion Ratio Lower Upper

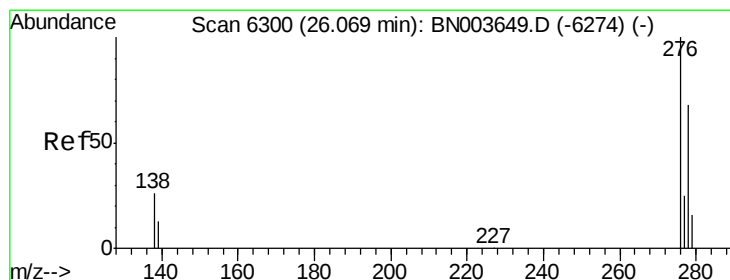
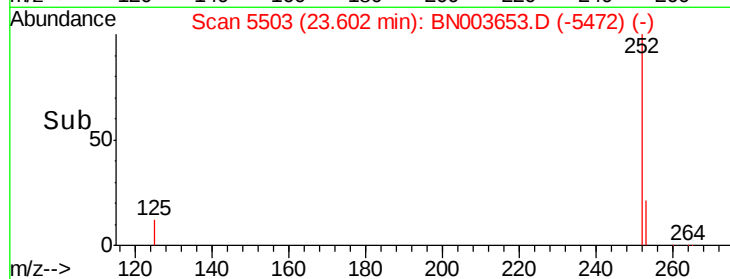
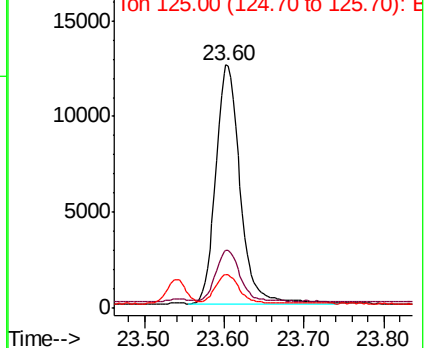
252 100

253 23.8 19.0 28.4

125 14.0 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: 0.363 ng/u1

RT: 26.06 min Scan# 6296

Delta R.T. -0.01 min

Lab File: BN003653.D

Acq: 01 Dec 2018 09:56

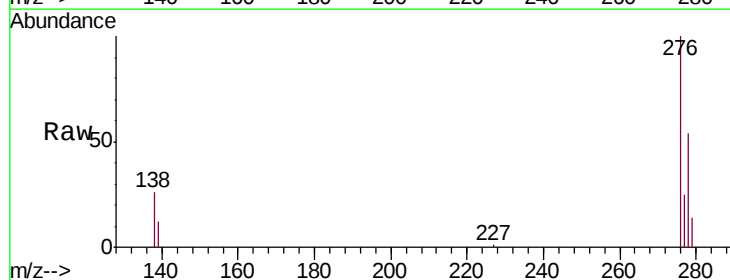
Tgt Ion:276 Resp: 27402

Ion Ratio Lower Upper

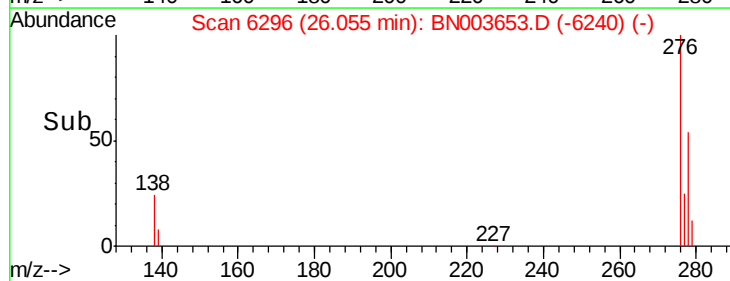
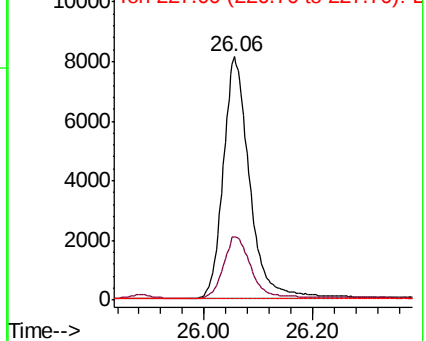
276 100

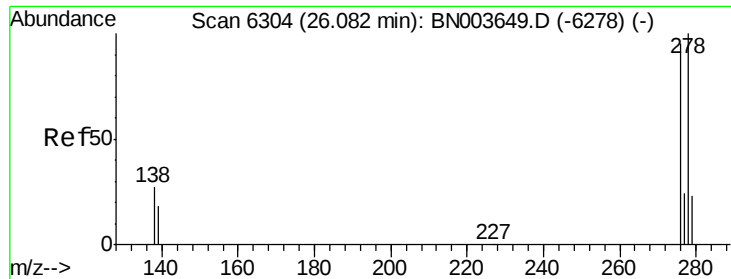
138 26.5 20.3 30.5

227 0.0 0.2 0.2#



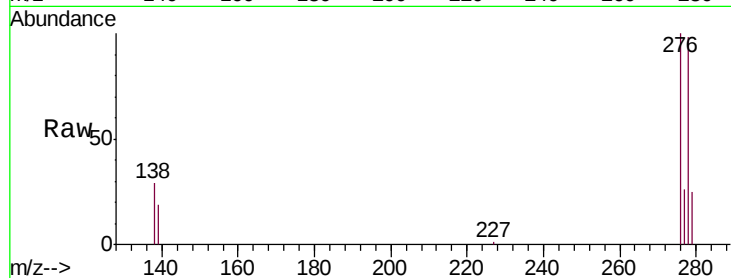
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



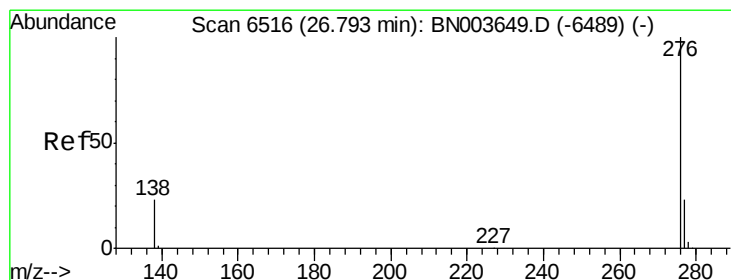
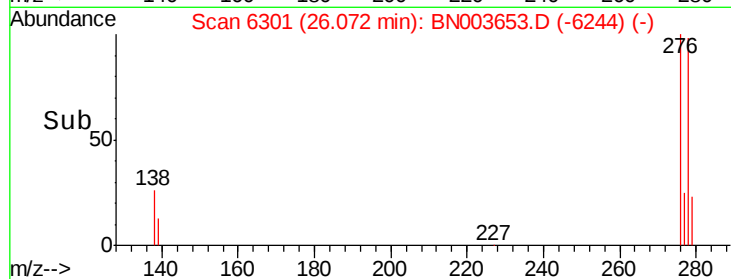
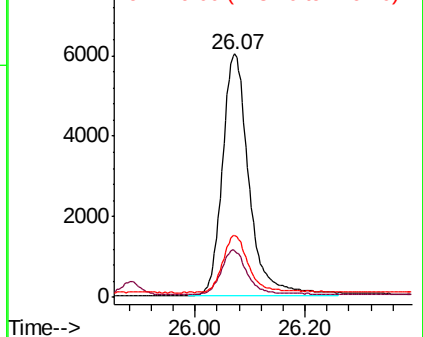


#25
Dibenzo(a,h)anthracene
Concen: 0.332 ng/ul
RT: 26.07 min Scan# 6301
Delta R.T. -0.01 min
Lab File: BN003653.D
Acq: 01 Dec 2018 09:56

Tgt Ion: 278 Resp: 20153
Ion Ratio Lower Upper
278 100
139 19.2 14.2 21.4
279 25.6 19.8 29.6

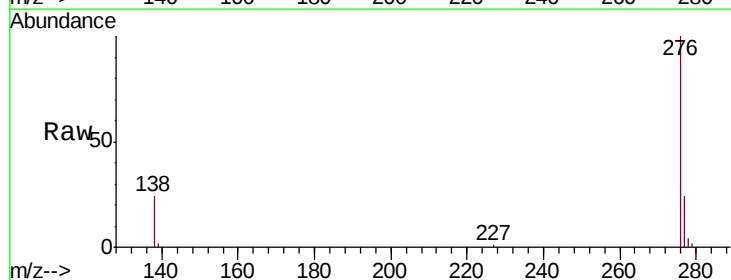


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.378 ng/ul
RT: 26.78 min Scan# 6512
Delta R.T. -0.01 min
Lab File: BN003653.D
Acq: 01 Dec 2018 09:56

Tgt Ion: 276 Resp: 24785
Ion Ratio Lower Upper
276 100
138 23.9 17.7 26.5
277 24.3 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

