

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120318\
 Data File : BN003680.D
 Acq On : 03 Dec 2018 15:23
 Operator : JU/SJ
 Sample : J6096-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

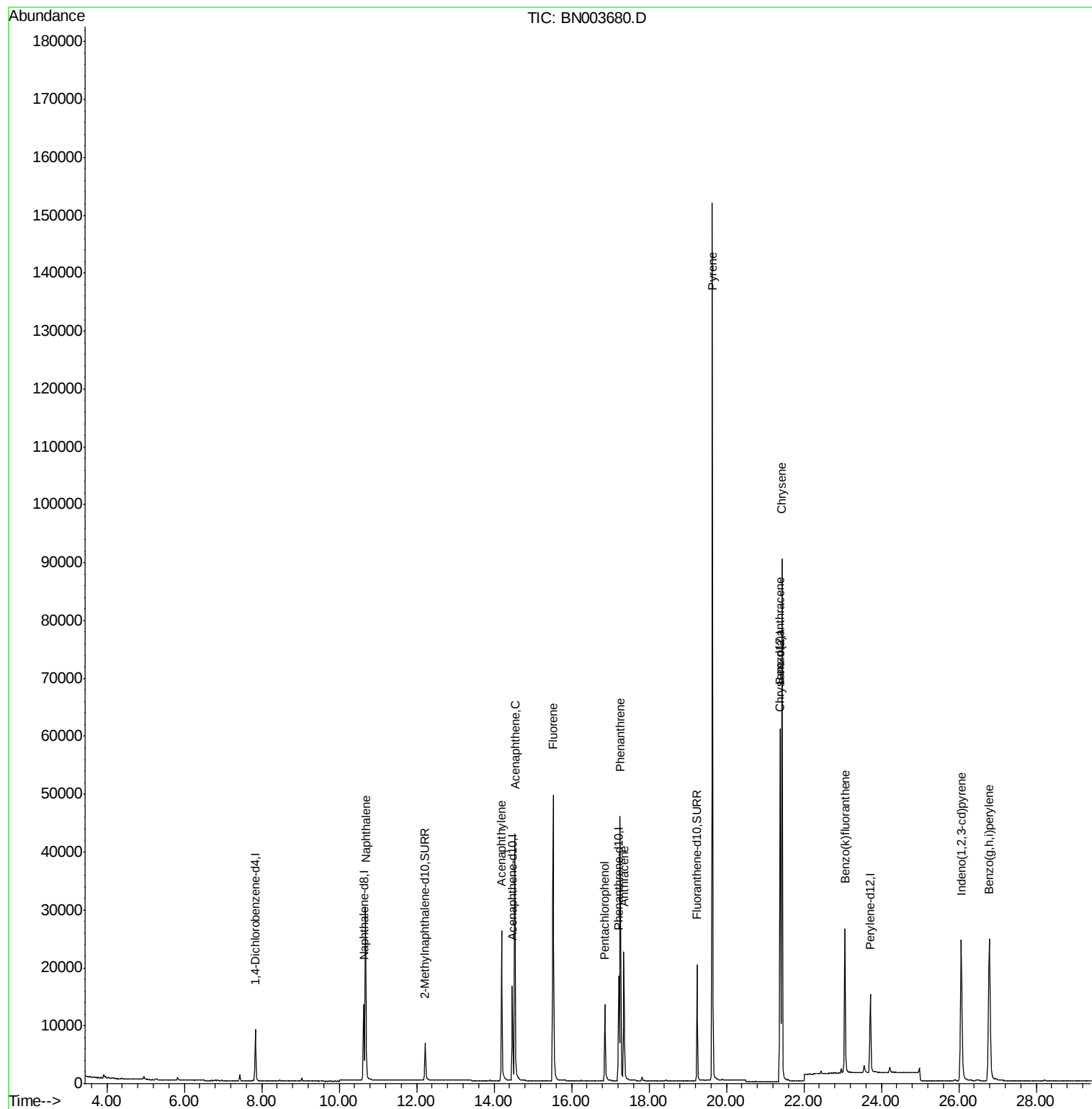
Quant Time: Dec 03 16:23:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 03 03:30:35 2018
 Response via : Initial Calibration

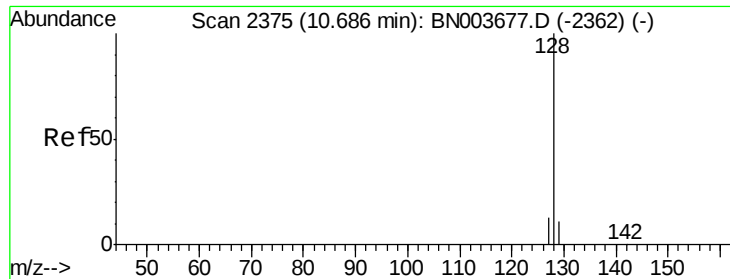
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4650	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	18062	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	9608	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	22815	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	21954	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	19559	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	9431	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	22085	0.33	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.68	128	41454	0.817	ng/ul	100
7) Acenaphthylene	14.19	152	33207	0.768	ng/ul	100
8) Acenaphthene	14.54	153	27393	0.723	ng/ul	100
9) Fluorene	15.52	166	37791	0.855	ng/ul	99
11) Pentachlorophenol	16.86	266	10219	2.487	ng/ul	99
12) Phenanthrene	17.26	178	52219	0.697	ng/ul	99
13) Anthracene	17.35	178	27132	0.441	ng/ul	99
17) Pyrene	19.64	202	123341	1.566	ng/ul	99
18) Benzo(a)anthracene	21.38	228	49238	0.710	ng/ul	99
19) Chrysene	21.43	228	76621	0.966	ng/ul	100
22) Benzo(k)fluoranthene	23.06	252	34760	0.441	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.06	276	50106	0.624	ng/ul#	91
26) Benzo(g,h,i)perylene	26.79	276	56895	0.815	ng/ul	99

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

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#3

Naphthalene

Concen: 0.817 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BN003680.D

Acq: 03 Dec 2018 15:23

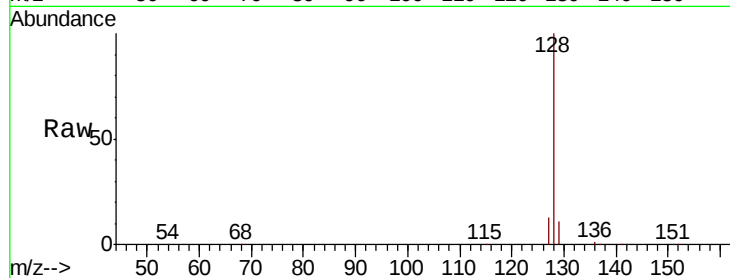
Tot Ion:128 Resp: 41454

Ion Ratio Lower Upper

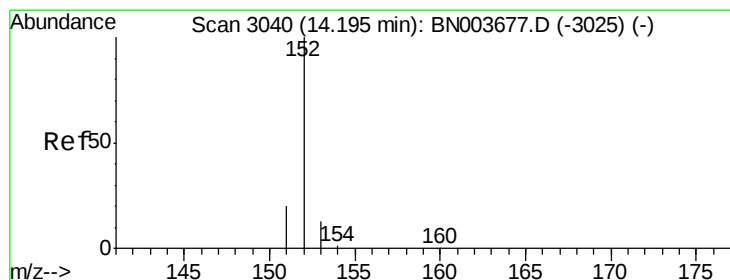
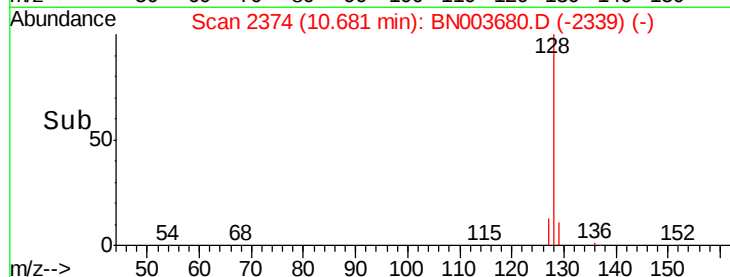
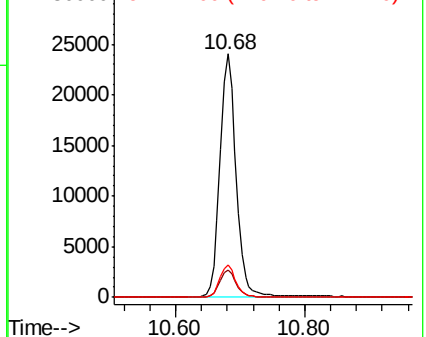
128 100

129 11.1 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



#7

Acenaphthylene

Concen: 0.768 ng/ul

RT: 14.19 min Scan# 3040

Delta R.T. -0.00 min

Lab File: BN003680.D

Acq: 03 Dec 2018 15:23

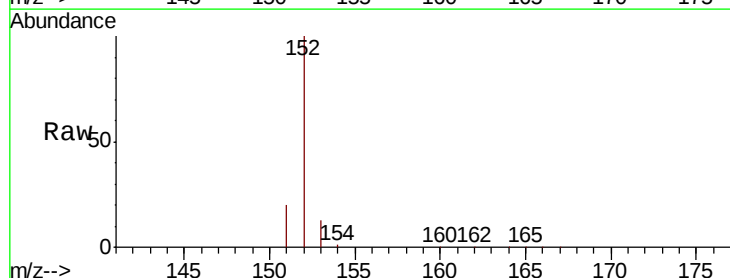
Tgt Ion:152 Resp: 33207

Ion Ratio Lower Upper

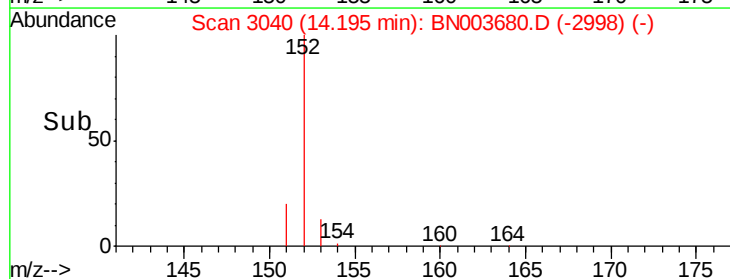
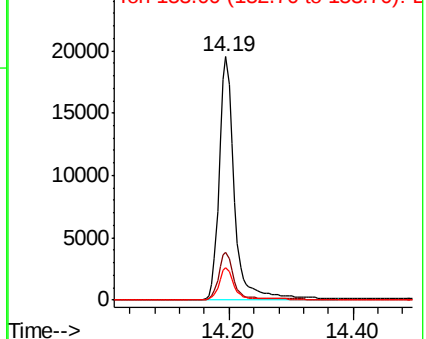
152 100

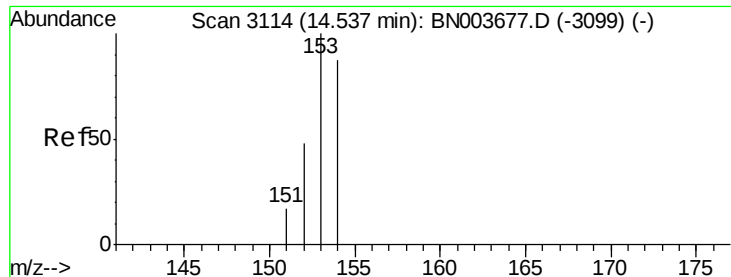
151 19.8 15.9 23.9

153 13.1 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: 0.723 ng/ul

RT: 14.54 min Scan# 3114

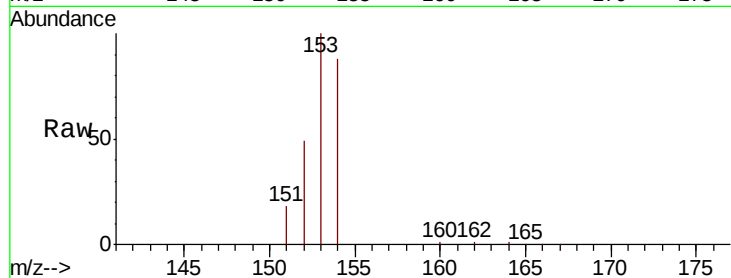
Delta R.T. 0.00 min

Lab File: BN003680.D

Acq: 03 Dec 2018 15:23

Tot Ion:153 Resp: 27393

Ion	Ratio	Lower	Upper
153	100		
152	48.7	39.3	58.9
154	88.2	70.3	105.5

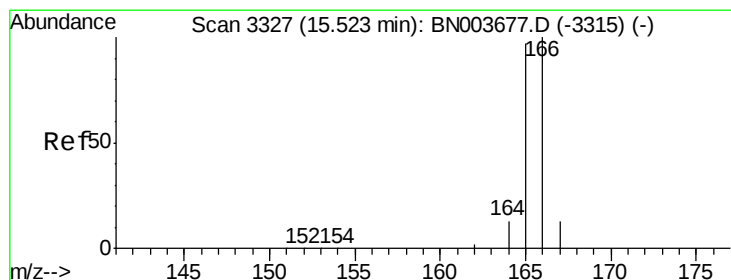
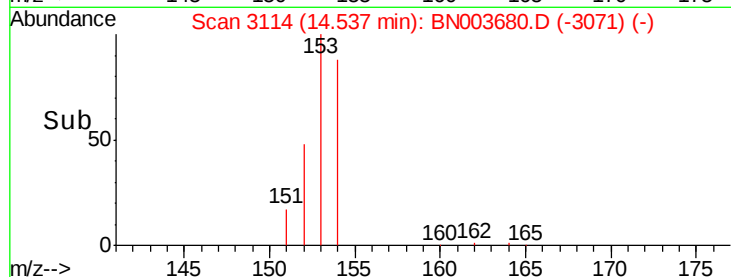
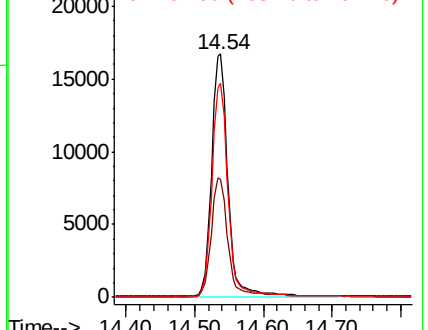


Abundance

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: 0.855 ng/ul

RT: 15.52 min Scan# 3327

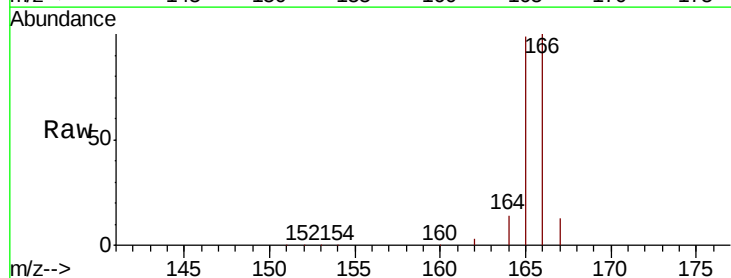
Delta R.T. 0.00 min

Lab File: BN003680.D

Acq: 03 Dec 2018 15:23

Tgt Ion:166 Resp: 37791

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.3	117.5
167	13.4	11.3	16.9

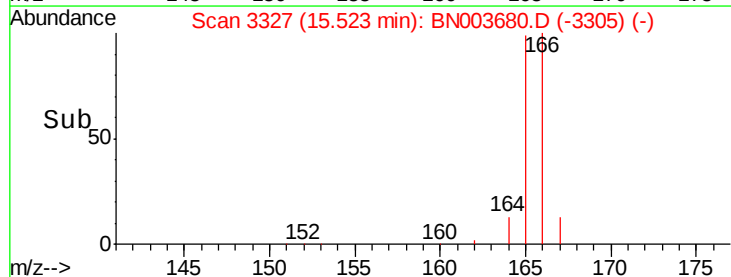
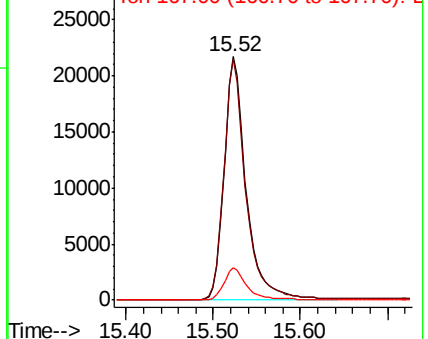


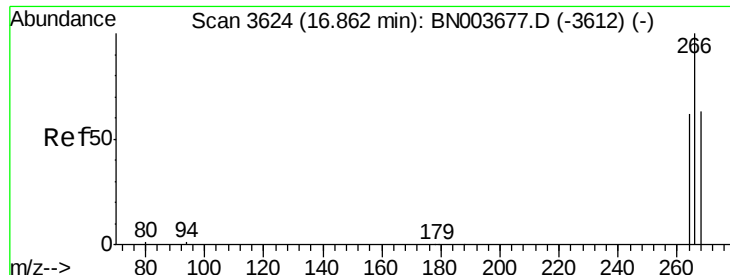
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

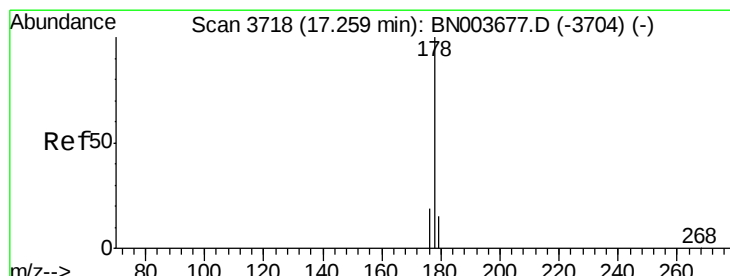
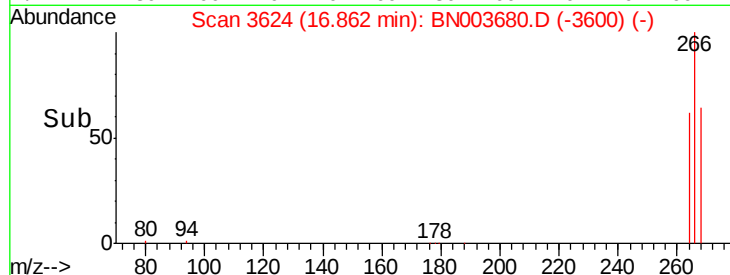
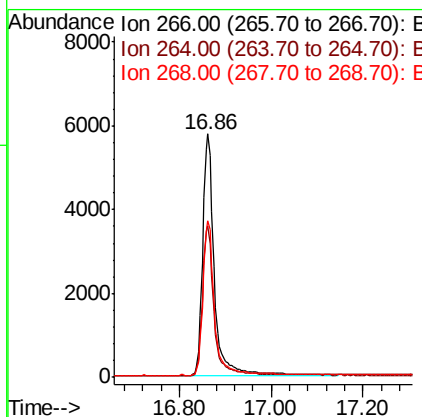
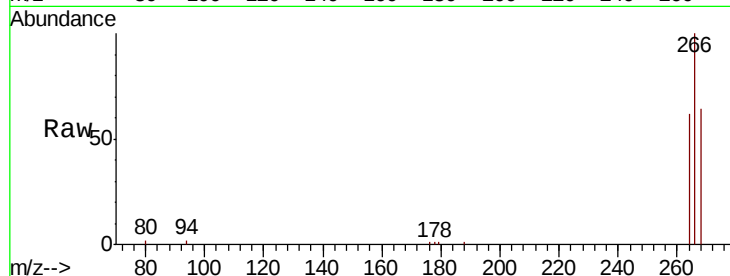
Ion 167.00 (166.70 to 167.70): E





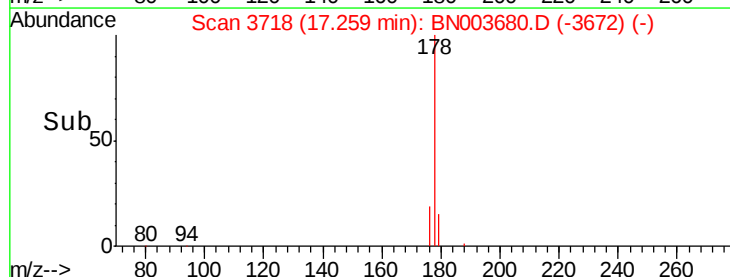
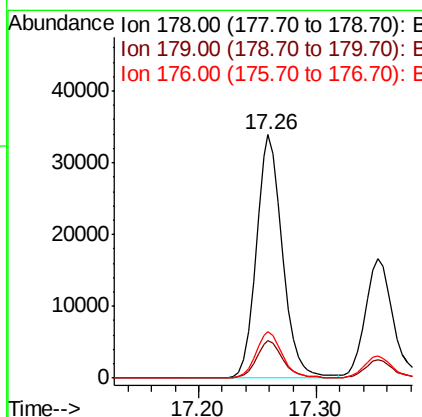
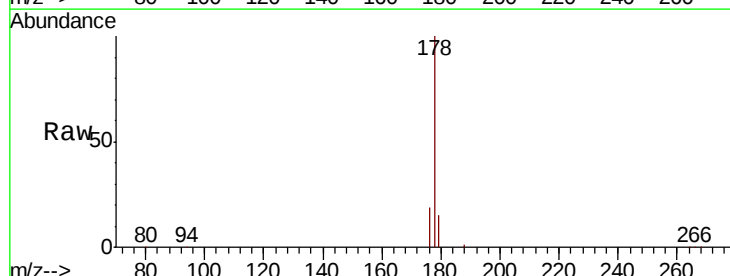
#11
 Pentachlorophenol
 Concen: 2.487 ng/ul
 RT: 16.86 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: BN003680.D
 Acq: 03 Dec 2018 15:23

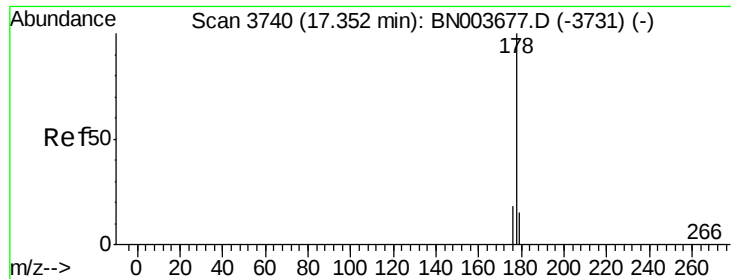
Tot Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.4	74.2
268	64.4	51.7	77.5



#12
 Phenanthrene
 Concen: 0.697 ng/ul
 RT: 17.26 min Scan# 3718
 Delta R.T. -0.00 min
 Lab File: BN003680.D
 Acq: 03 Dec 2018 15:23

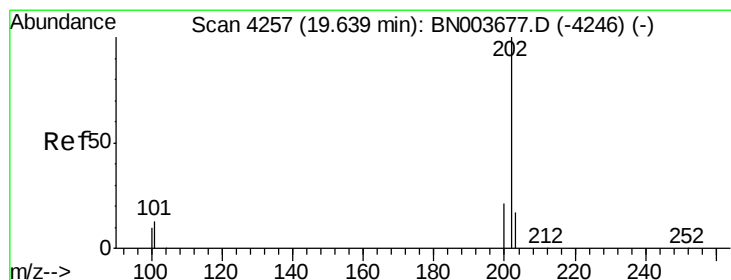
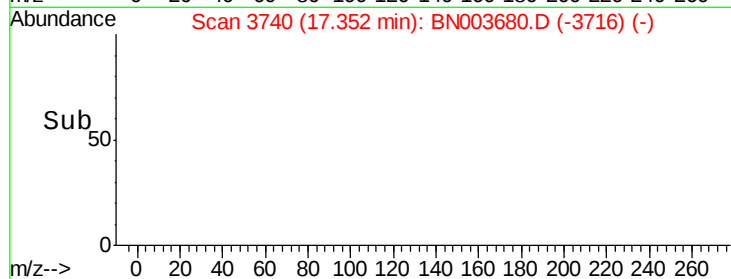
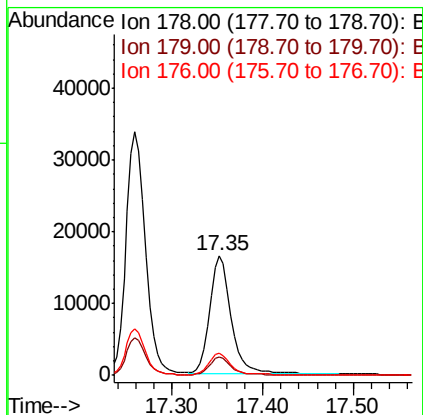
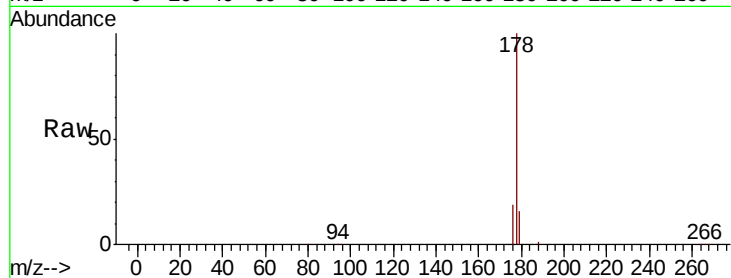
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	18.9	15.0	22.4





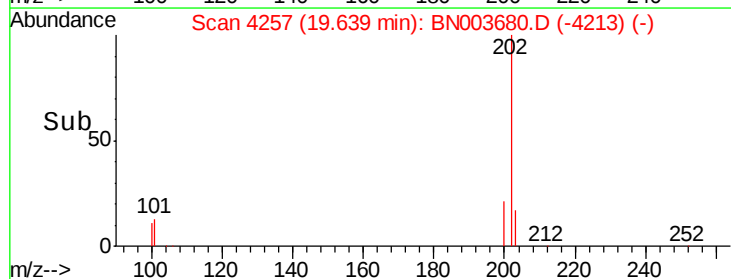
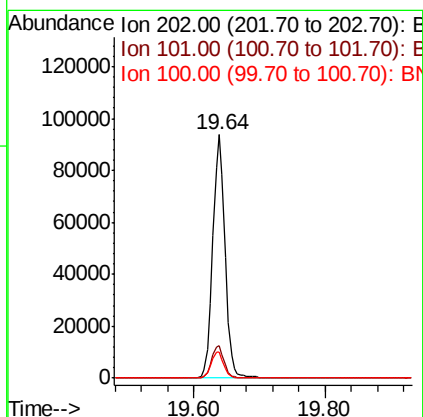
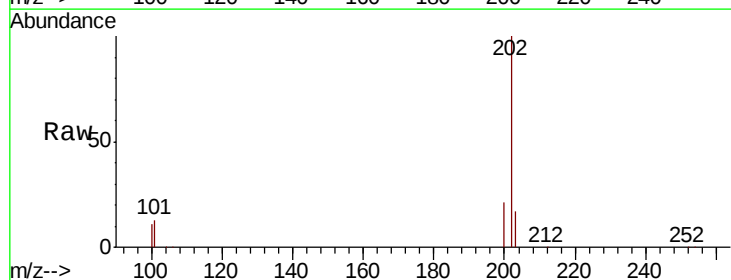
#13
 Anthracene
 Concen: 0.441 ng/ul
 RT: 17.35 min Scan# 3740
 Delta R.T. 0.00 min
 Lab File: BN003680.D
 Acq: 03 Dec 2018 15:23

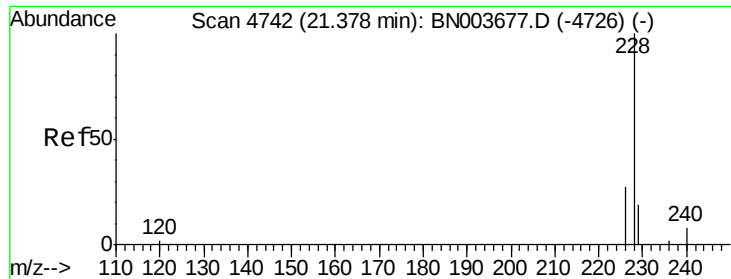
Tot Ion:178 Resp: 27132
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.3 18.5
 176 19.0 14.8 22.2



#17
 Pyrene
 Concen: 1.566 ng/ul
 RT: 19.64 min Scan# 4257
 Delta R.T. 0.00 min
 Lab File: BN003680.D
 Acq: 03 Dec 2018 15:23

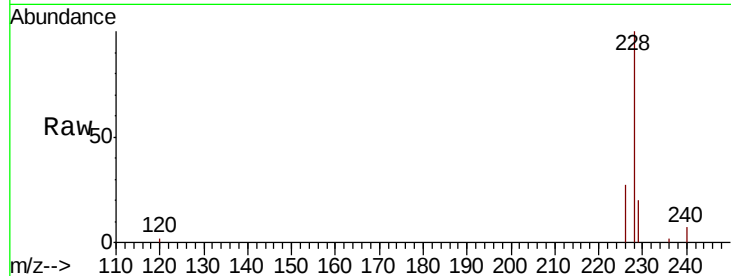
Tgt Ion:202 Resp: 123341
 Ion Ratio Lower Upper
 202 100
 101 13.3 10.3 15.5
 100 10.6 8.5 12.7



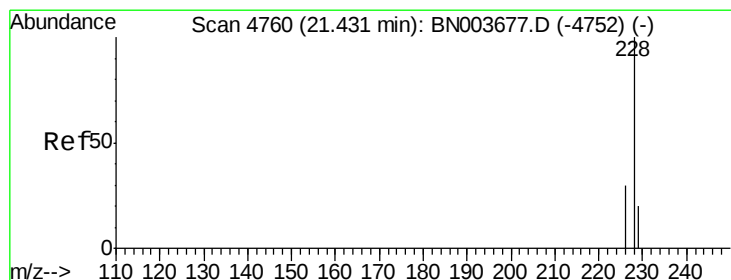
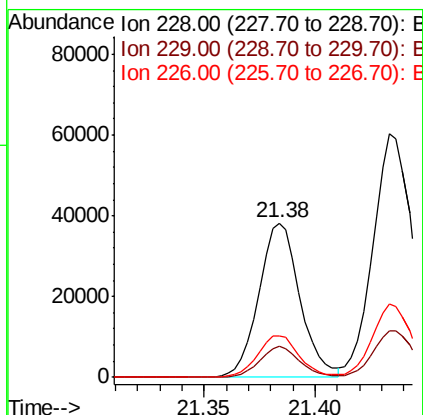
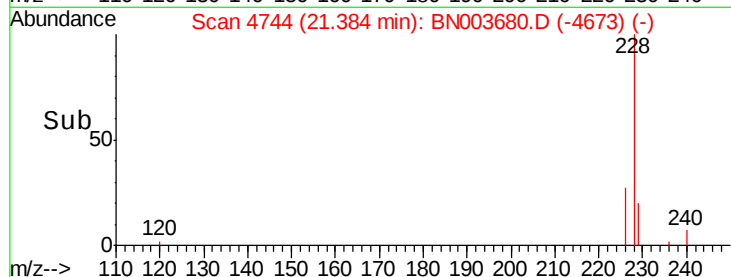


#18
Benzo(a)anthracene
Concen: 0.710 ng/ul
RT: 21.38 min Scan# 4744
Delta R.T. 0.01 min
Lab File: BN003680.D
Acq: 03 Dec 2018 15:23

Tot Ion:228 Resp: 49238
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 27.0 21.1 31.7

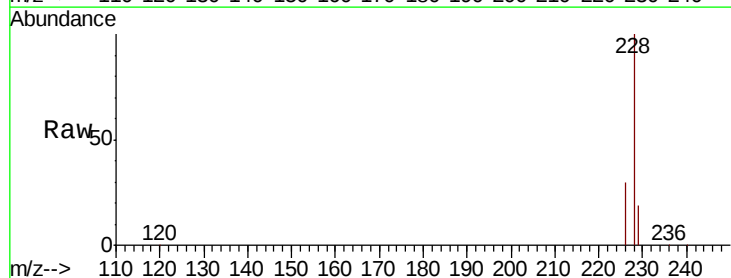


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

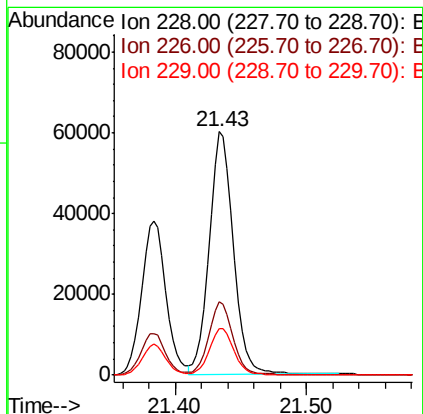
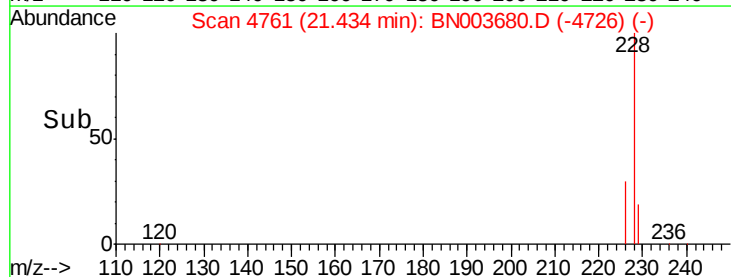


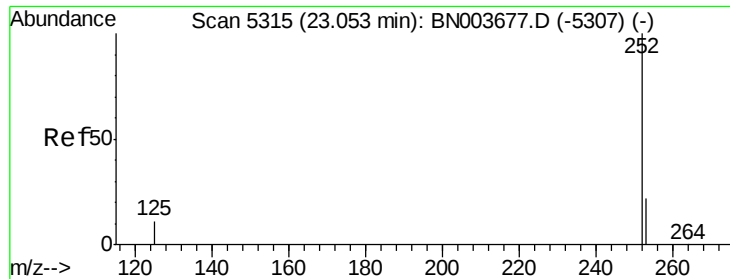
#19
Chrysene
Concen: 0.966 ng/ul
RT: 21.43 min Scan# 4761
Delta R.T. 0.00 min
Lab File: BN003680.D
Acq: 03 Dec 2018 15:23

Tgt Ion:228 Resp: 76621
Ion Ratio Lower Upper
228 100
226 30.1 24.0 36.0
229 19.3 15.7 23.5



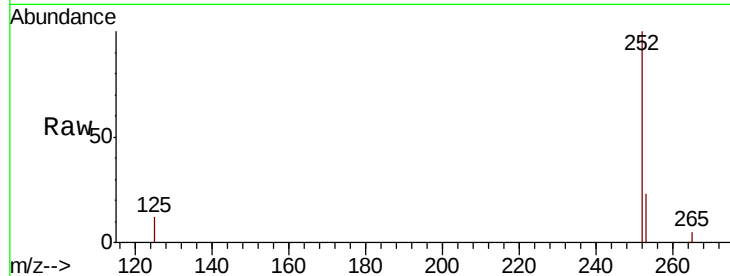
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



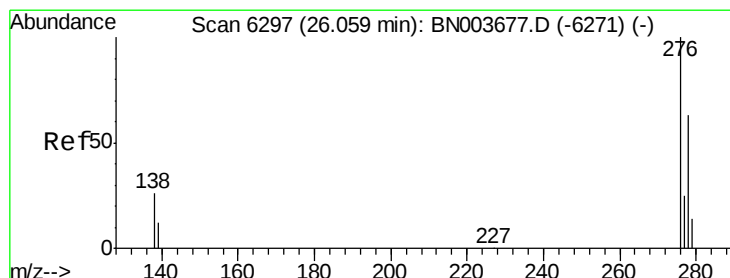
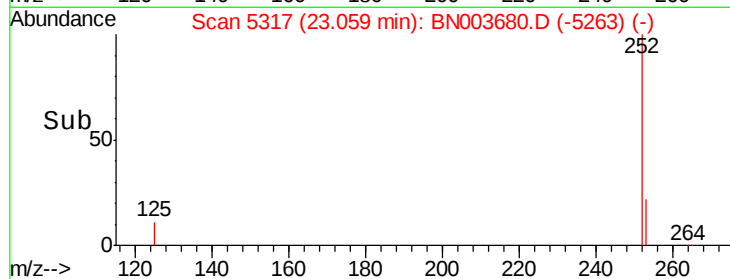
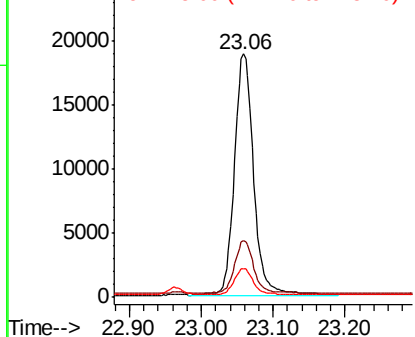


#22
Benzo(k)fluoranthene
Concen: 0.441 ng/ul
RT: 23.06 min Scan# 5317
Delta R.T. 0.01 min
Lab File: BN003680.D
Acq: 03 Dec 2018 15:23

Tot Ion:252 Resp: 34760
Ion Ratio Lower Upper
252 100
253 23.4 18.5 27.7
125 12.0 9.0 13.6

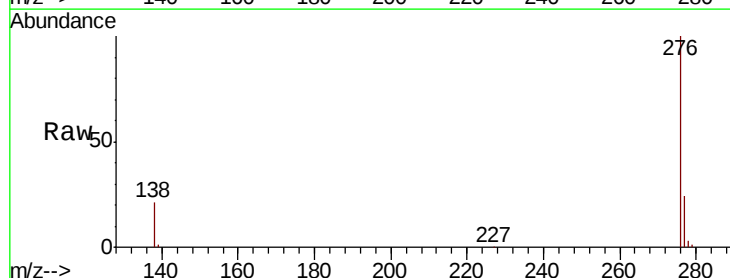


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

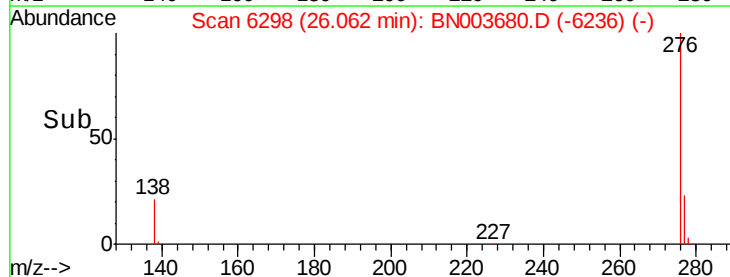
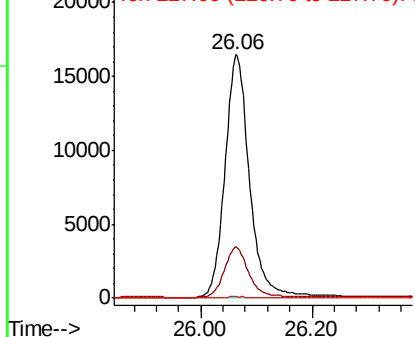


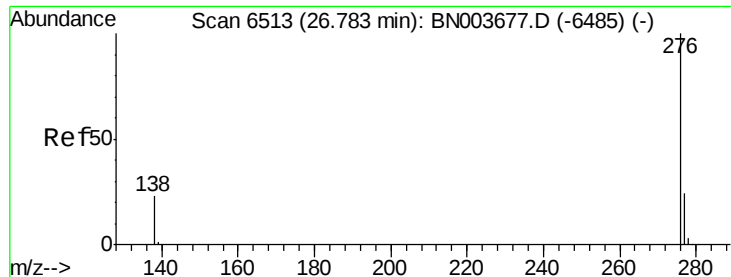
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.624 ng/ul
RT: 26.06 min Scan# 6298
Delta R.T. 0.01 min
Lab File: BN003680.D
Acq: 03 Dec 2018 15:23

Tgt Ion:276 Resp: 50106
Ion Ratio Lower Upper
276 100
138 20.7 20.3 30.5
227 0.1 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





#26

Benzo(a,h,i)perylene

Concen: 0.815 ng/ul

RT: 26.79 min Scan# 6514

Delta R.T. 0.01 min

Lab File: BN003680.D

Acq: 03 Dec 2018 15:23

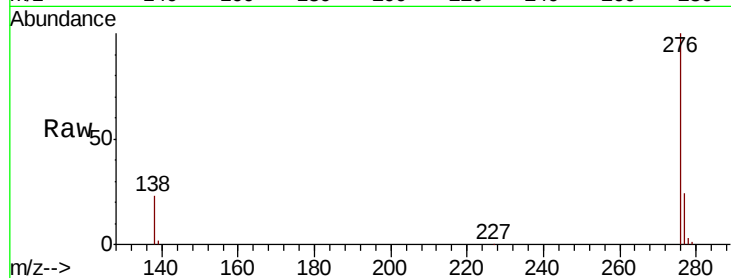
Tot Ion: 276 Resp: 56895

Ion Ratio Lower Upper

276 100

138 23.2 17.7 26.5

277 23.9 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

