

Data File : BN003690.D
Acq On : 03 Dec 2018 22:20
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 04 01:27:24 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 01:23:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	6957	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	27776	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	14897	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	34107	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	32599	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	29653	0.40	ng/ul	0.00

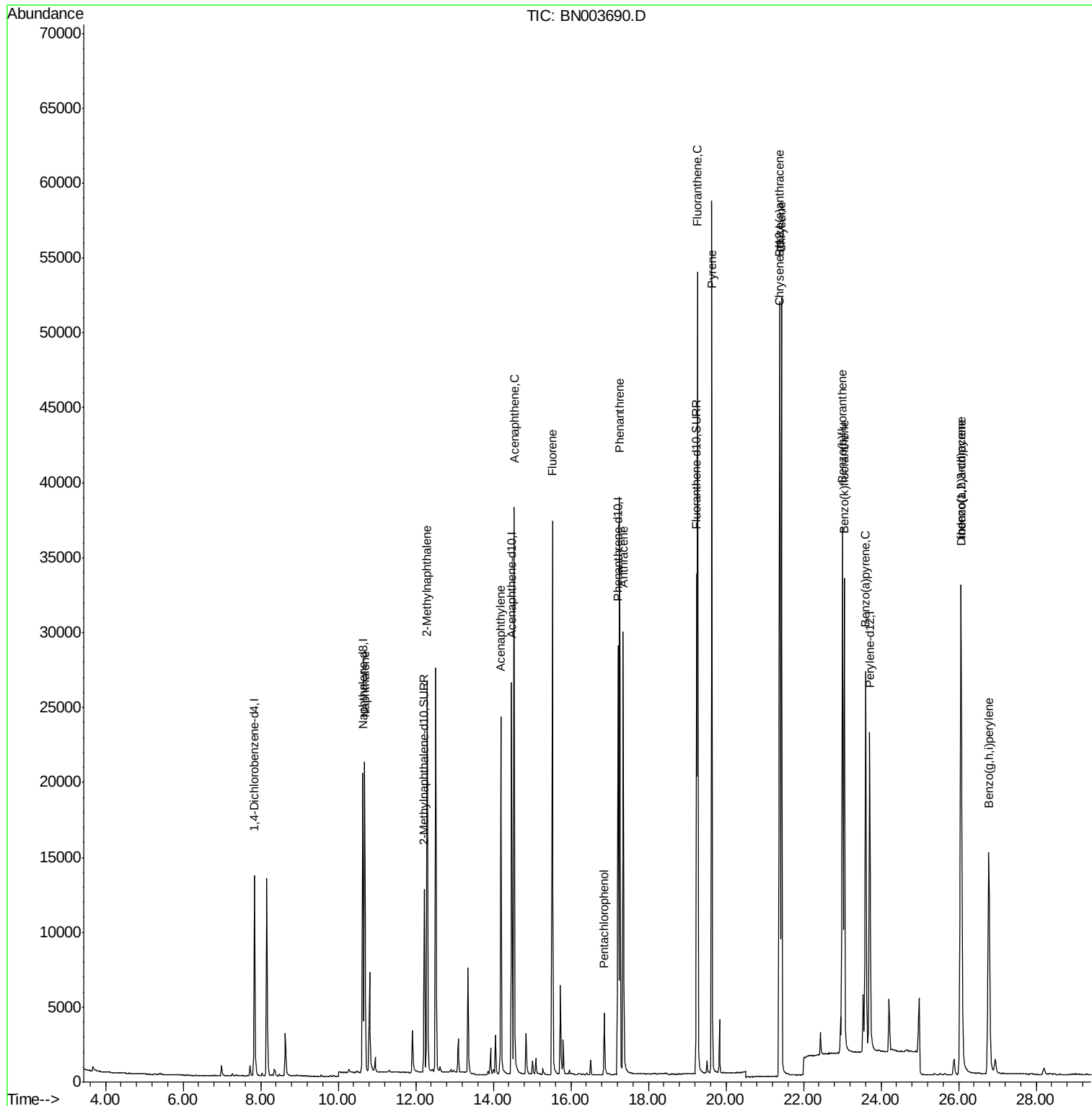
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	16519	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	37066	0.37	ng/ul	0.00

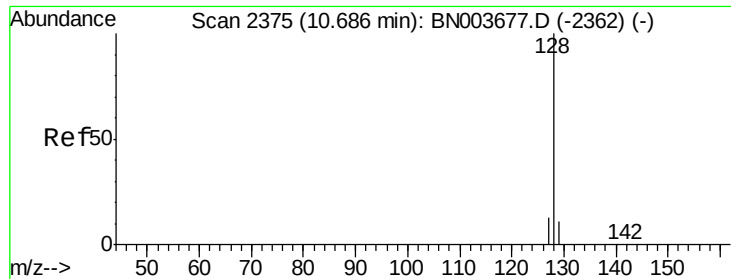
Target Compounds					Qvalue
3) Naphthalene	10.69	128	28944	0.371	ng/ul 100
5) 2-Methylnaphthalene	12.30	142	19582	0.359	ng/ul 100
7) Acenaphthylene	14.19	152	28977	0.432	ng/ul 100
8) Acenaphthene	14.54	153	22629	0.385	ng/ul 99
9) Fluorene	15.52	166	24351	0.355	ng/ul 100
11) Pentachlorophenol	16.86	266	3354	0.546	ng/ul 99
12) Phenanthrene	17.26	178	41324	0.369	ng/ul 99
13) Anthracene	17.35	178	33948	0.369	ng/ul 99
15) Fluoranthene	19.27	202	46887	0.355	ng/ul 99
17) Pyrene	19.63	202	48327	0.413	ng/ul 98
18) Benzo(a)anthracene	21.38	228	39298	0.382	ng/ul 99
19) Chrysene	21.43	228	44147	0.375	ng/ul 99
21) Benzo(b)fluoranthene	23.00	252	43604	0.355	ng/ul 100
22) Benzo(k)fluoranthene	23.05	252	43631	0.365	ng/ul 100
23) Benzo(a)pyrene	23.61	252	38093	0.359	ng/ul 100
24) Indeno(1,2,3-cd)pyrene	26.06	276	41066	0.337	ng/ul 98
25) Dibenzo(a,h)anthracene	26.07	278	32623	0.333	ng/ul 99
26) Benzo(g,h,i)perylene	26.78	276	34589	0.327	ng/ul 99

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

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#3

Naphthalene

Concen: 0.371 ng/ul

RT: 10.69 min Scan# 2375

Delta R.T. 0.01 min

Lab File: BN003690.D

Acq: 03 Dec 2018 22:20

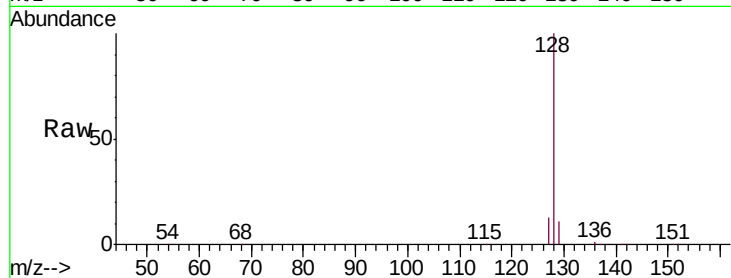
Tgt Ion:128 Resp: 28944

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

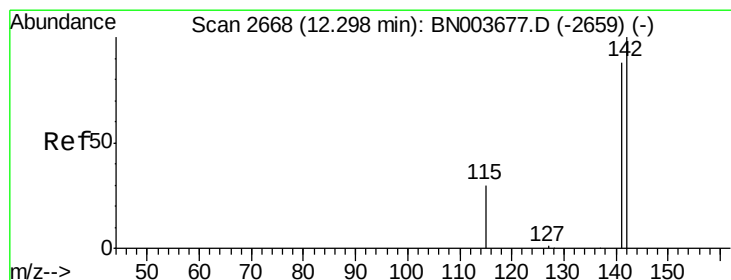
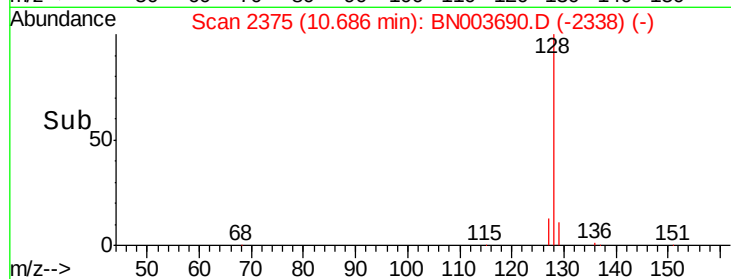
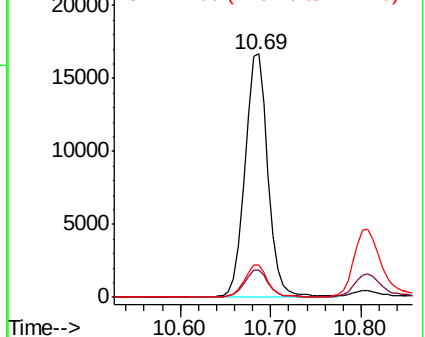
127 13.1 10.5 15.7



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: 0.359 ng/ul

RT: 12.30 min Scan# 2668

Delta R.T. 0.01 min

Lab File: BN003690.D

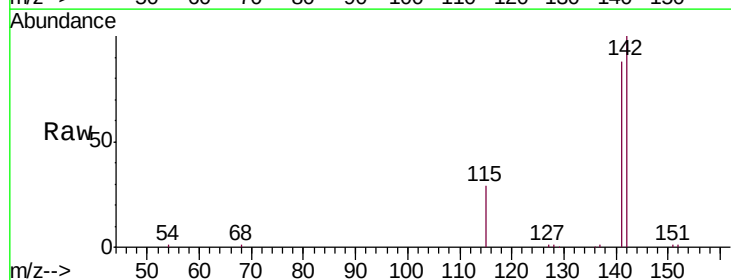
Acq: 03 Dec 2018 22:20

Tgt Ion:142 Resp: 19582

Ion Ratio Lower Upper

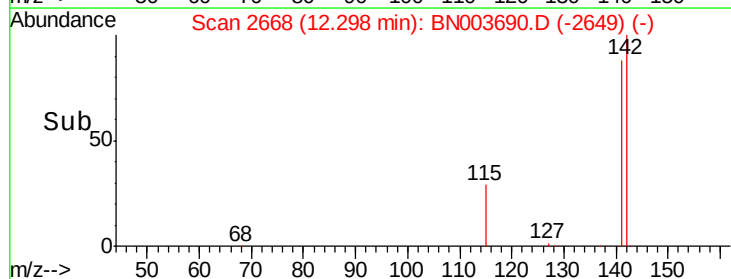
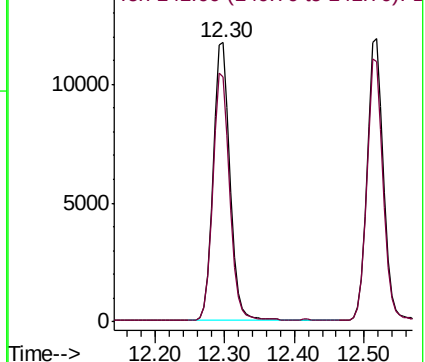
142 100

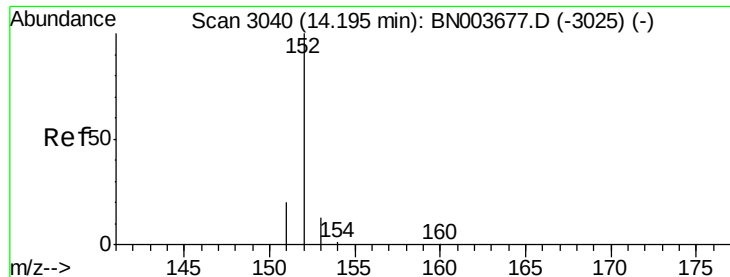
141 89.0 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.432 ng/ul

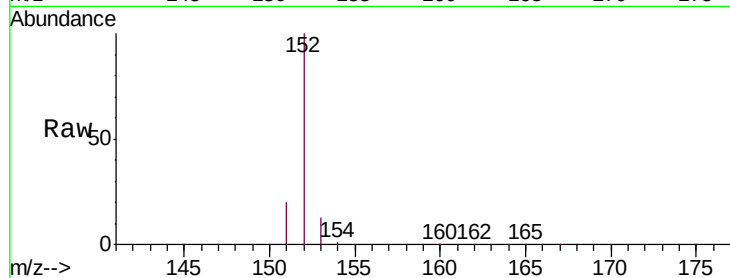
RT: 14.19 min Scan# 3040

Delta R.T. -0.00 min

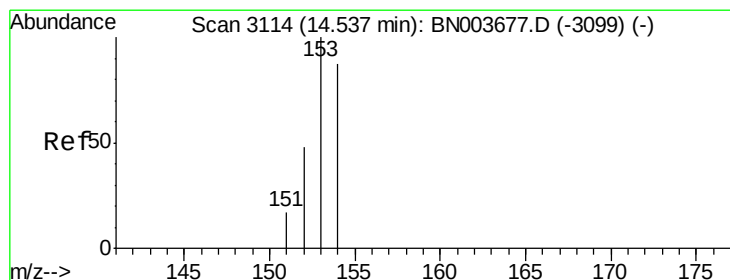
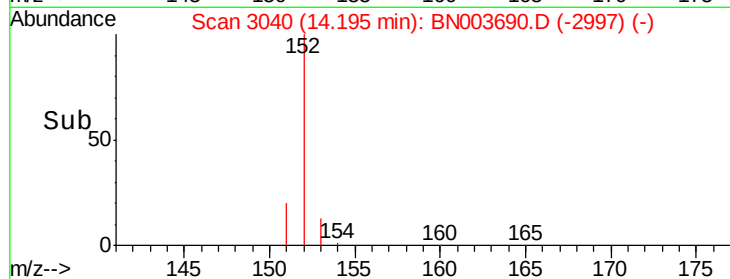
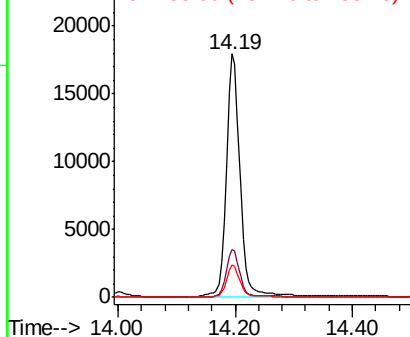
Lab File: BN003690.D

Acq: 03 Dec 2018 22:20

Tgt Ion:	152	Resp:	28977
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.3	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

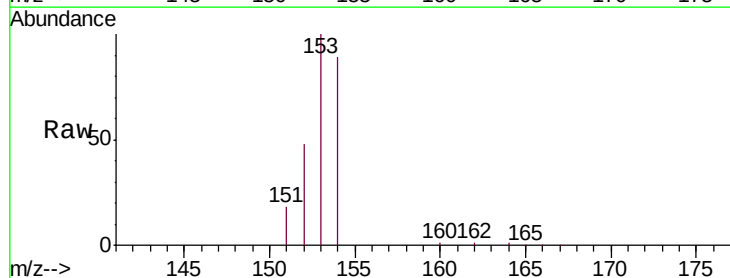
RT: 14.54 min Scan# 3114

Delta R.T. -0.00 min

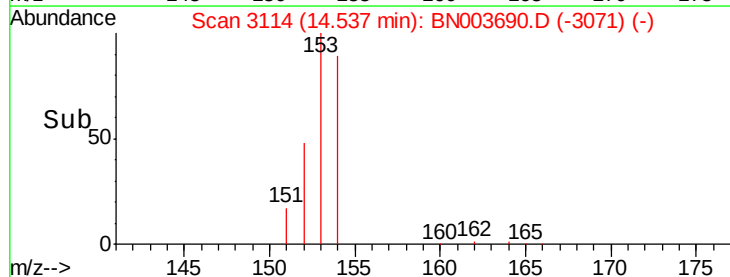
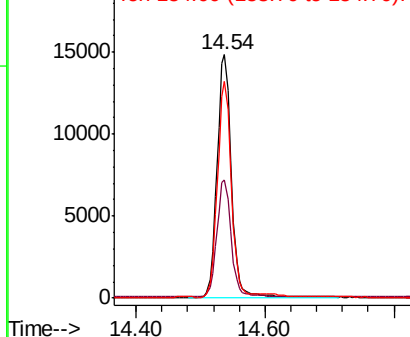
Lab File: BN003690.D

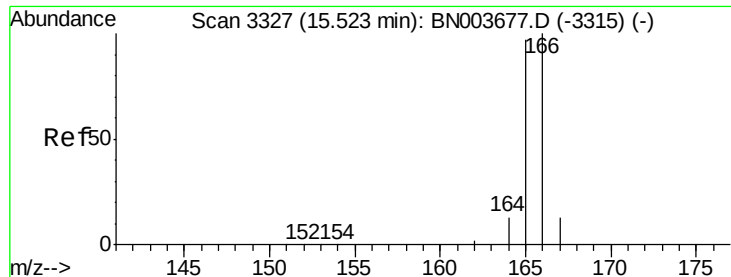
Acq: 03 Dec 2018 22:20

Tgt Ion:	153	Resp:	22629
Ion	Ratio	Lower	Upper
153	100		
152	48.4	39.3	58.9
154	88.9	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: 0.355 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. -0.00 min

Lab File: BN003690.D

Acq: 03 Dec 2018 22:20

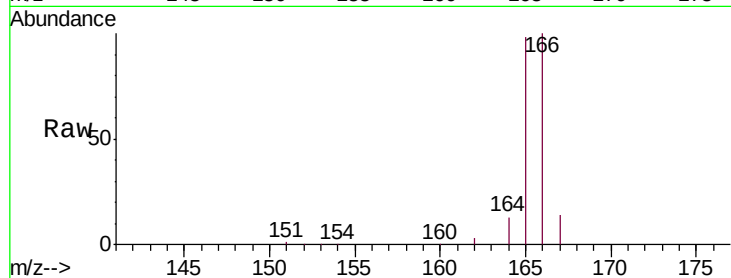
Tgt Ion:166 Resp: 24351

Ion Ratio Lower Upper

166 100

165 98.0 78.3 117.5

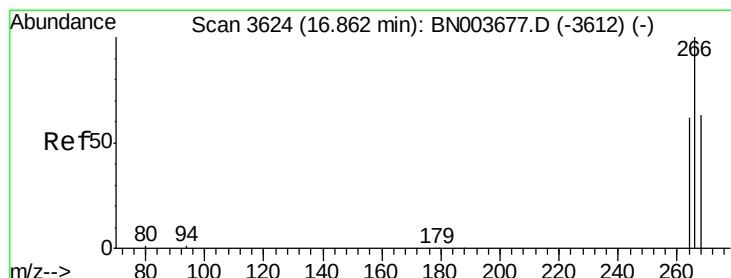
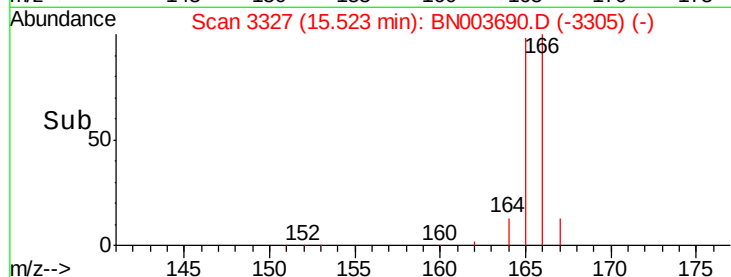
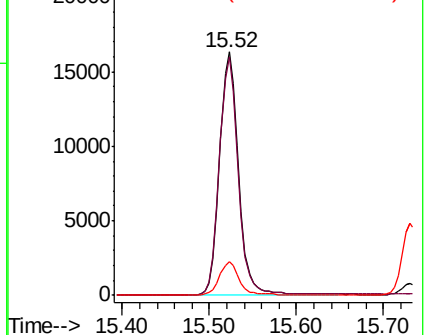
167 13.6 11.3 16.9



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: 0.546 ng/ul

RT: 16.86 min Scan# 3624

Delta R.T. -0.00 min

Lab File: BN003690.D

Acq: 03 Dec 2018 22:20

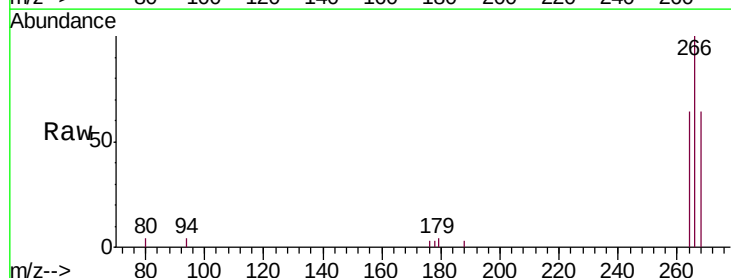
Tgt Ion:266 Resp: 3354

Ion Ratio Lower Upper

266 100

264 61.9 49.4 74.2

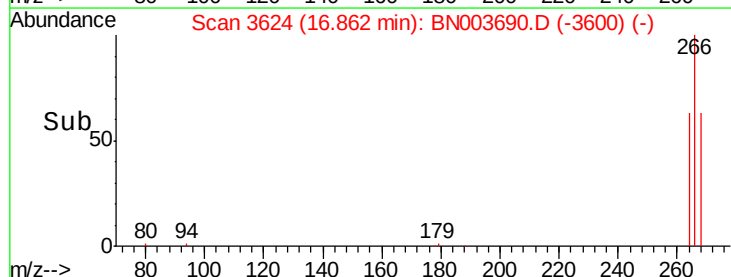
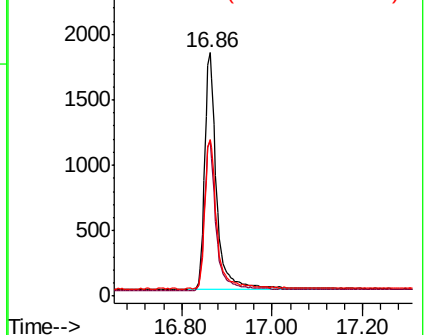
268 62.4 51.7 77.5

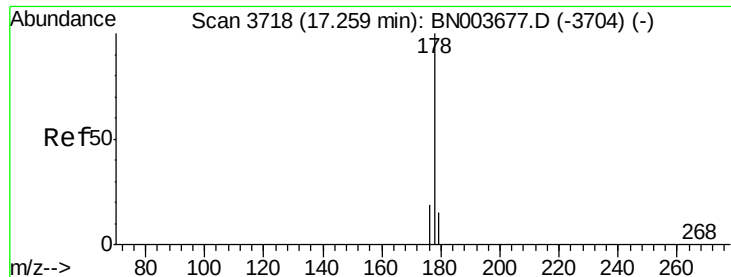


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.369 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. -0.00 min

Lab File: BN003690.D

Acq: 03 Dec 2018 22:20

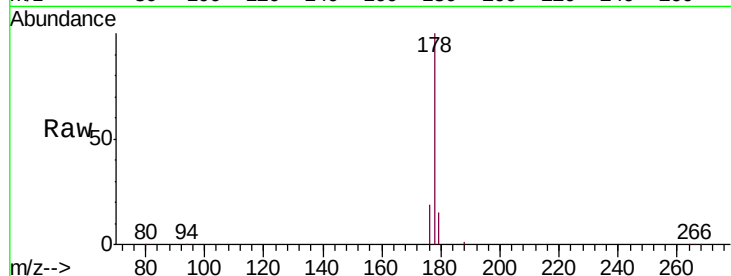
Tgt Ion:178 Resp: 41324

Ion Ratio Lower Upper

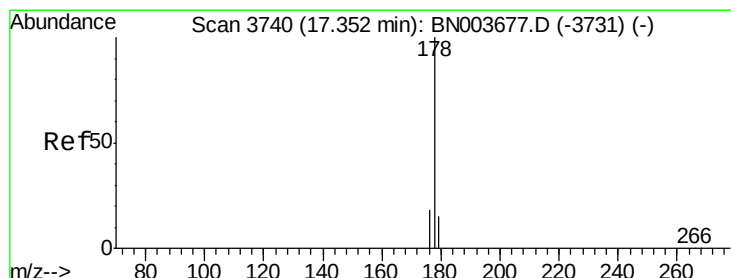
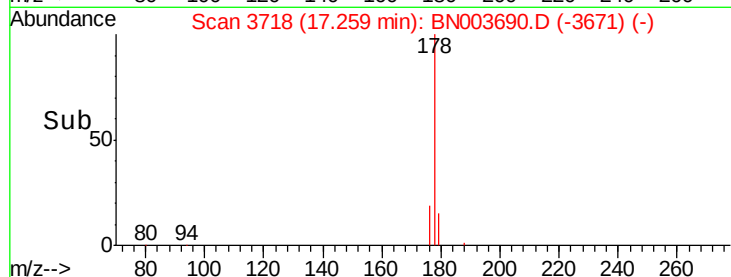
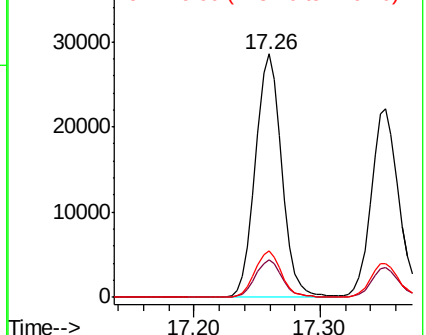
178 100

179 15.4 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: 0.369 ng/ul

RT: 17.35 min Scan# 3740

Delta R.T. -0.00 min

Lab File: BN003690.D

Acq: 03 Dec 2018 22:20

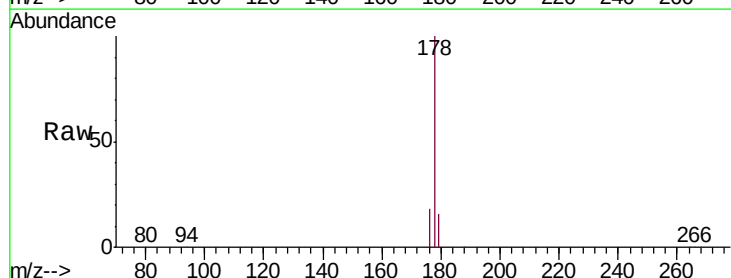
Tgt Ion:178 Resp: 33948

Ion Ratio Lower Upper

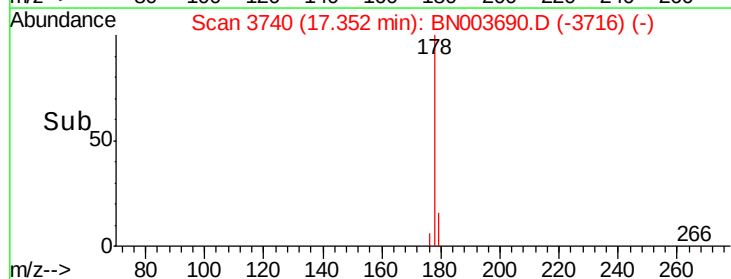
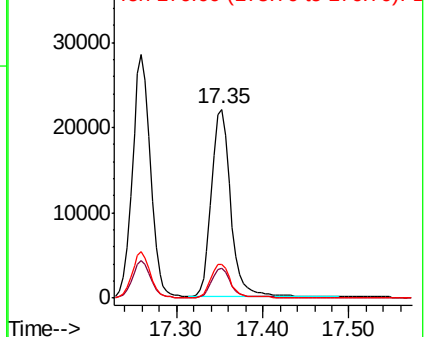
178 100

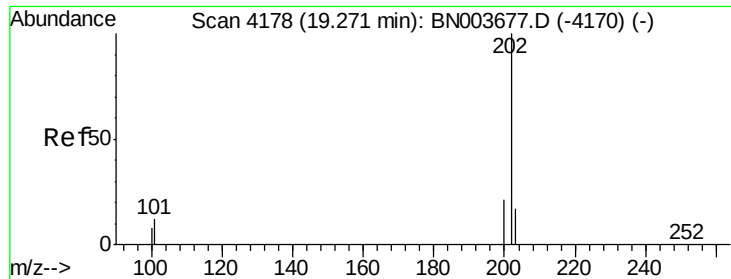
179 15.5 12.3 18.5

176 18.1 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

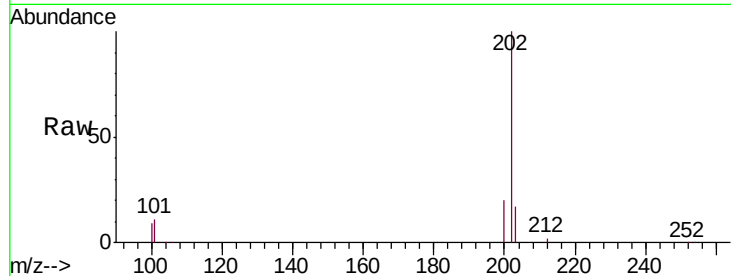
RT: 19.27 min Scan# 4178

Delta R.T. -0.00 min

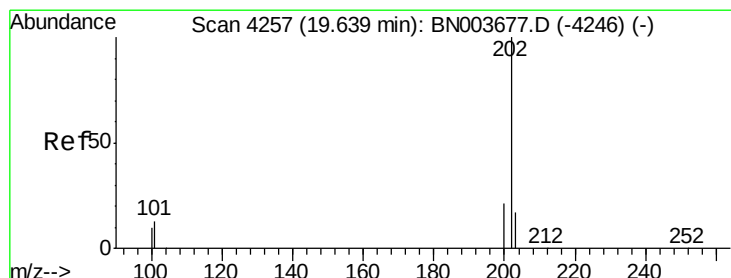
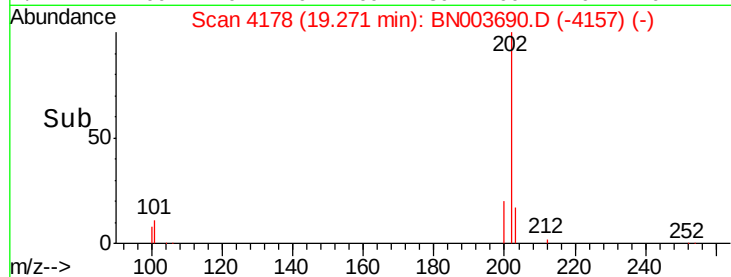
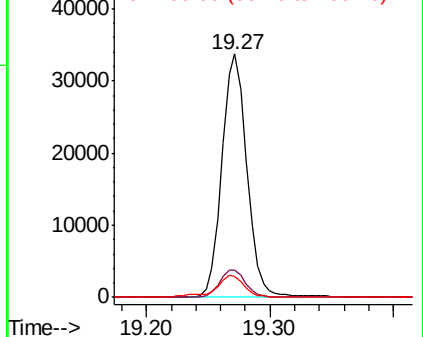
Lab File: BN003690.D

Acq: 03 Dec 2018 22:20

Tgt Ion:	202	Resp:	46887
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.7
100	8.5	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: 0.413 ng/ul

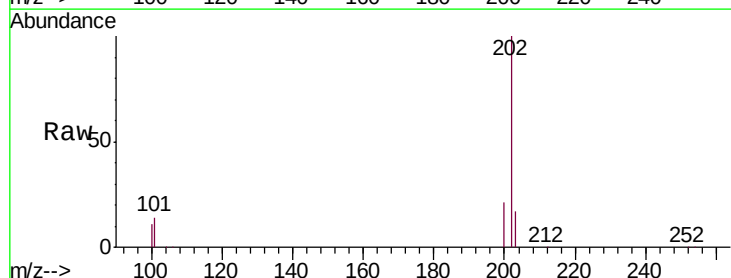
RT: 19.63 min Scan# 4256

Delta R.T. -0.00 min

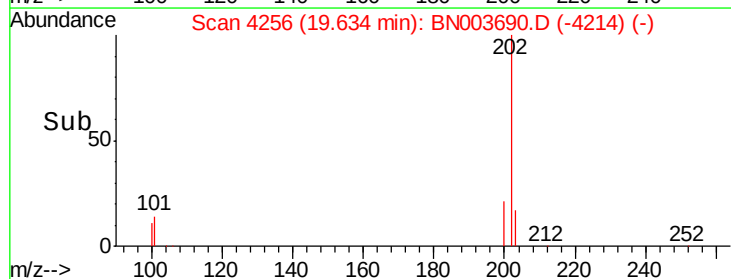
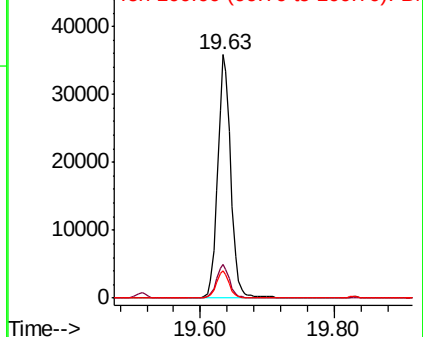
Lab File: BN003690.D

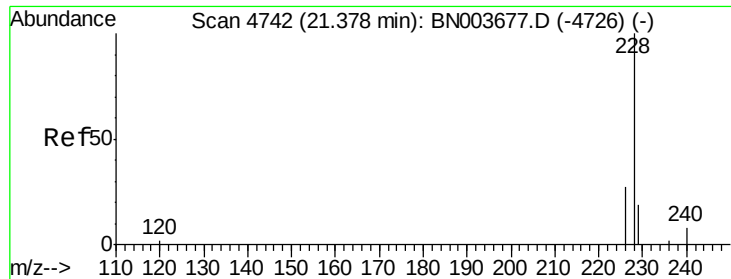
Acq: 03 Dec 2018 22:20

Tgt Ion:	202	Resp:	48327
Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.3	15.5
100	11.1	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: 0.382 ng/ul

RT: 21.38 min Scan# 4742

Delta R.T. -0.00 min

Lab File: BN003690.D

Acq: 03 Dec 2018 22:20

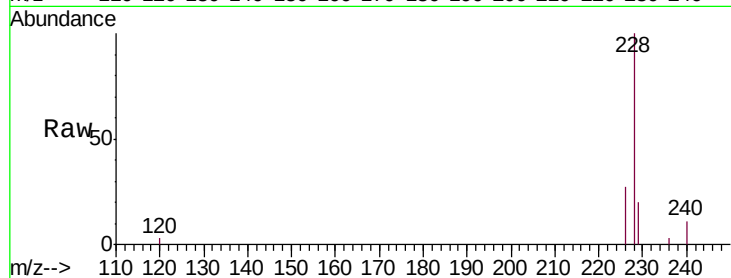
Tgt Ion:228 Resp: 39298

Ion Ratio Lower Upper

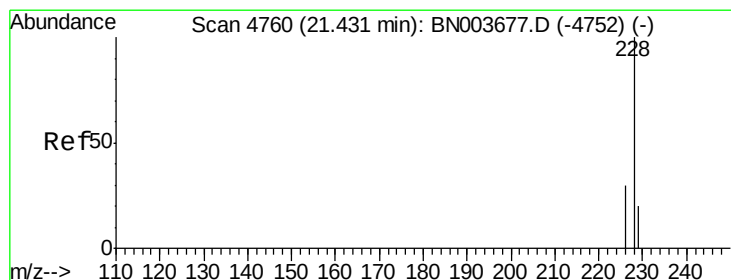
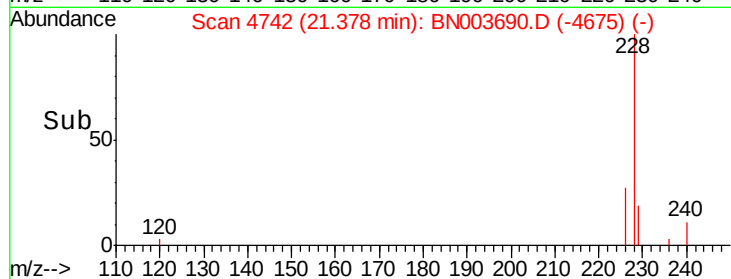
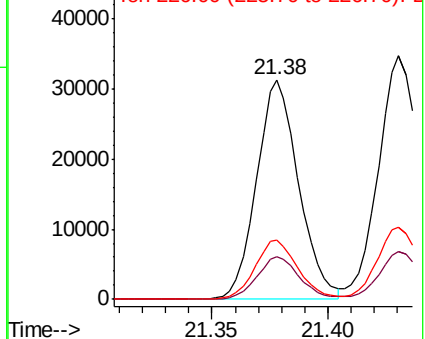
228 100

229 19.5 15.6 23.4

226 27.1 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: 0.375 ng/ul

RT: 21.43 min Scan# 4760

Delta R.T. -0.00 min

Lab File: BN003690.D

Acq: 03 Dec 2018 22:20

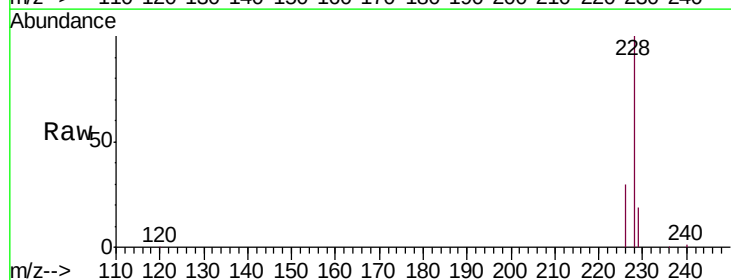
Tgt Ion:228 Resp: 44147

Ion Ratio Lower Upper

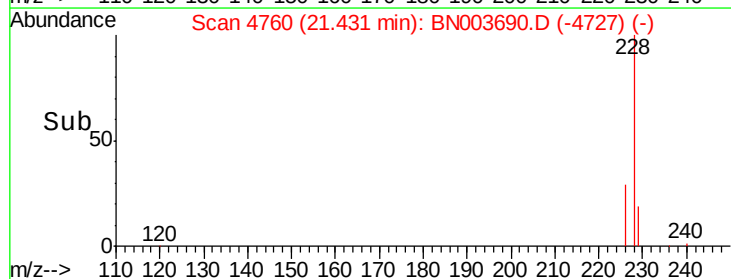
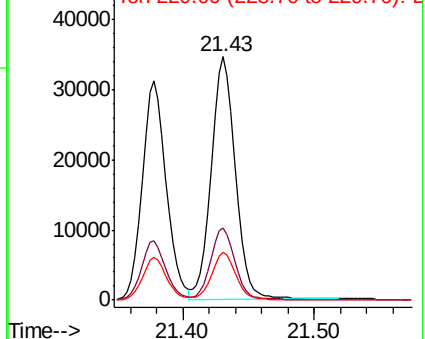
228 100

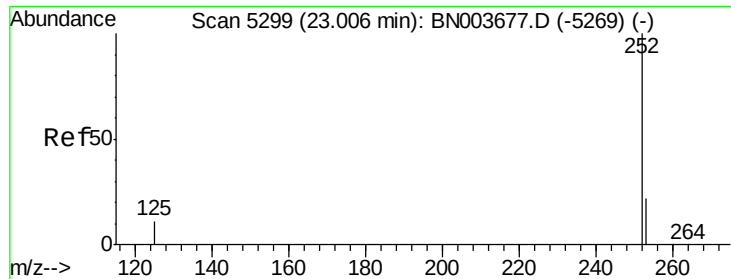
226 29.6 24.0 36.0

229 19.5 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: 23.00 min Scan# 5298

Delta R.T. -0.01 min

Lab File: BN003690.D

Acq: 03 Dec 2018 22:20

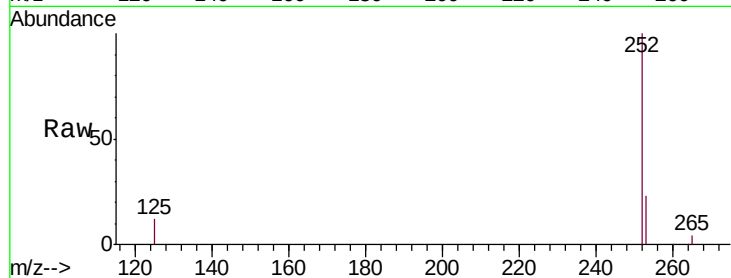
Tgt Ion:252 Resp: 43604

Ion Ratio Lower Upper

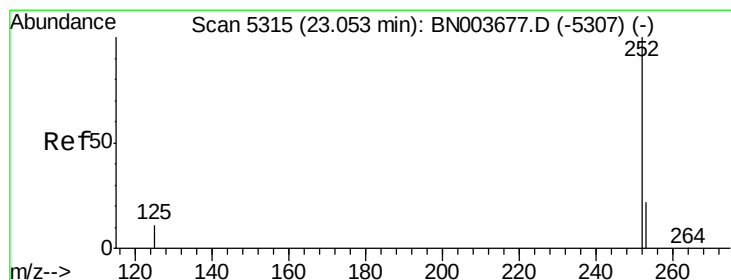
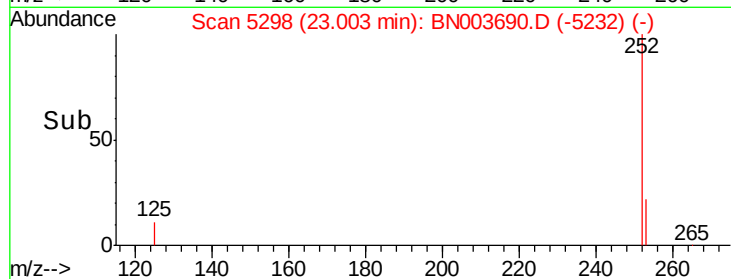
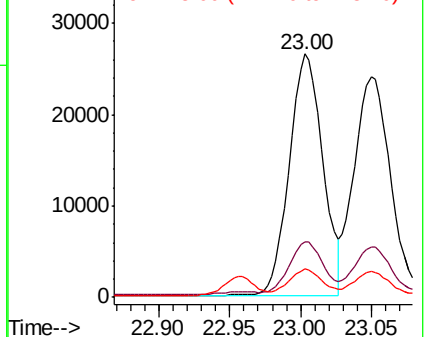
252 100

253 23.0 0.0 46.0

125 11.5 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: 0.365 ng/ul

RT: 23.05 min Scan# 5314

Delta R.T. -0.01 min

Lab File: BN003690.D

Acq: 03 Dec 2018 22:20

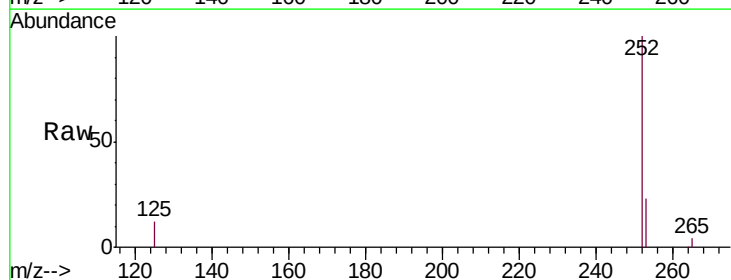
Tgt Ion:252 Resp: 43631

Ion Ratio Lower Upper

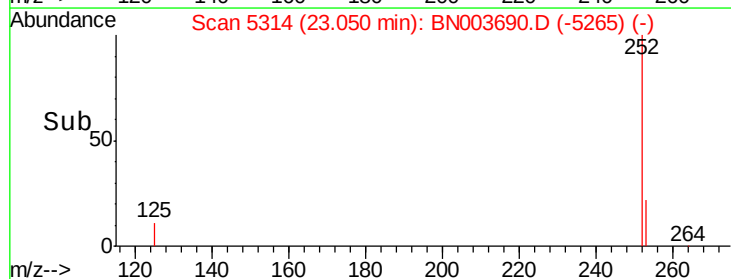
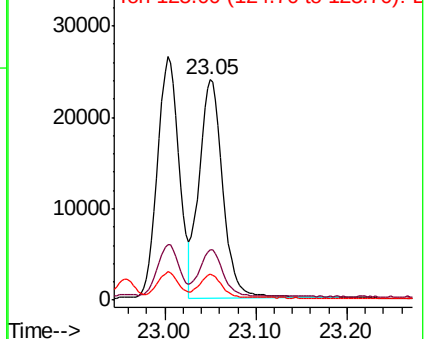
252 100

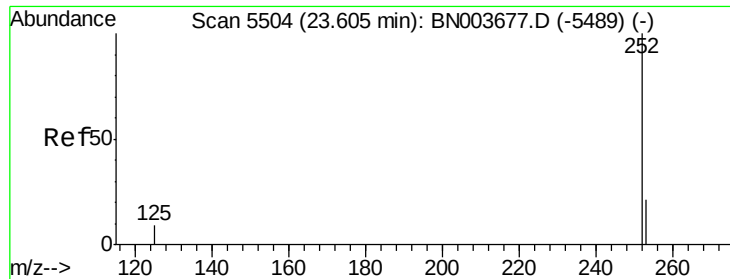
253 23.0 18.5 27.7

125 11.6 9.0 13.6



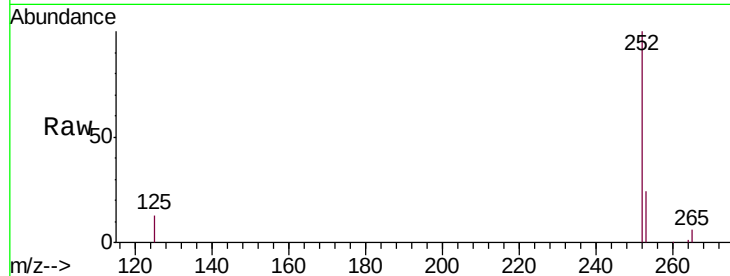
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



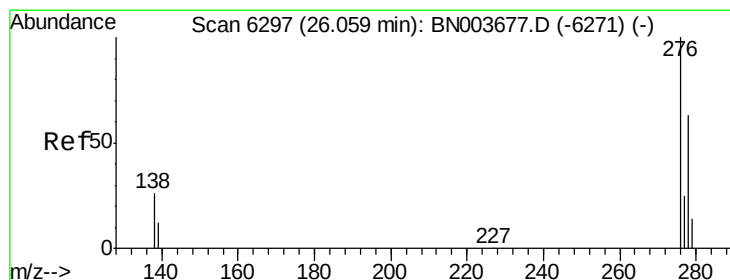
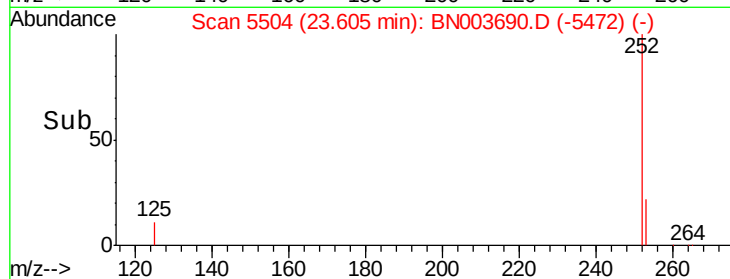
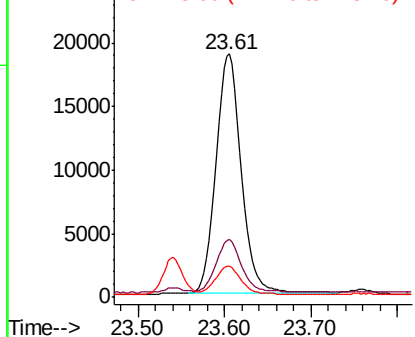


#23
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.61 min Scan# 5504
Delta R.T. -0.01 min
Lab File: BN003690.D
Acq: 03 Dec 2018 22:20

Tgt Ion: 252 Resp: 38093
Ion Ratio Lower Upper
252 100
253 23.6 19.0 28.4
125 12.9 10.2 15.4

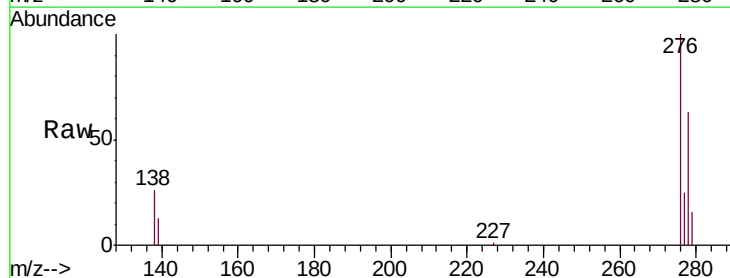


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

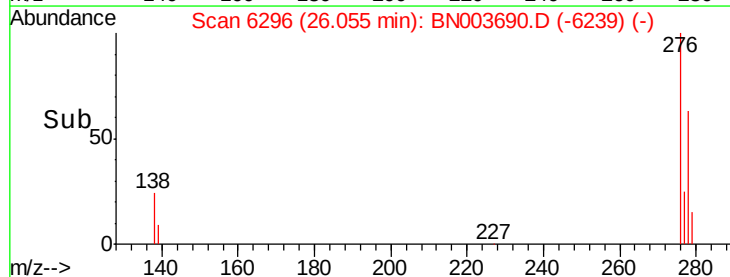
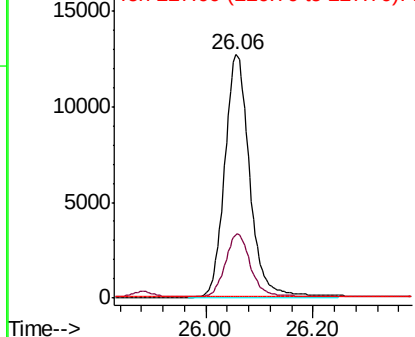


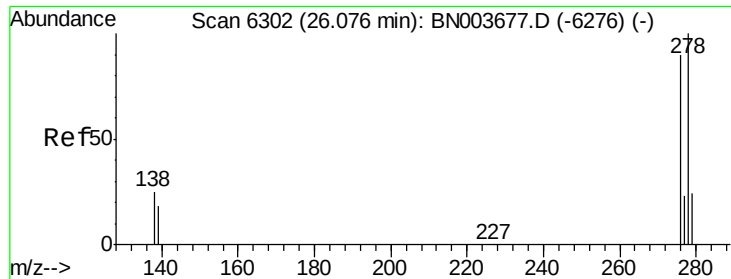
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.337 ng/ul
RT: 26.06 min Scan# 6296
Delta R.T. -0.01 min
Lab File: BN003690.D
Acq: 03 Dec 2018 22:20

Tgt Ion: 276 Resp: 41066
Ion Ratio Lower Upper
276 100
138 26.4 20.3 30.5
227 0.2 0.2 0.2



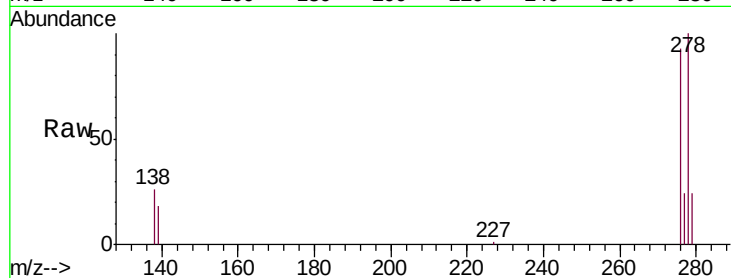
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



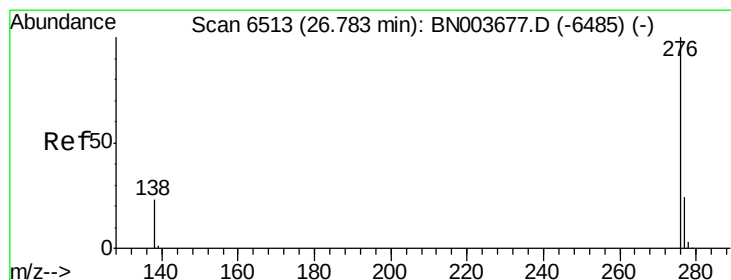
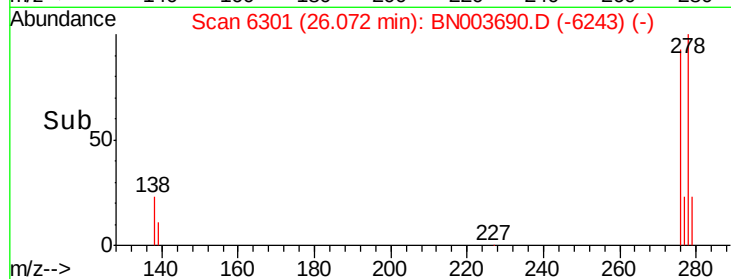
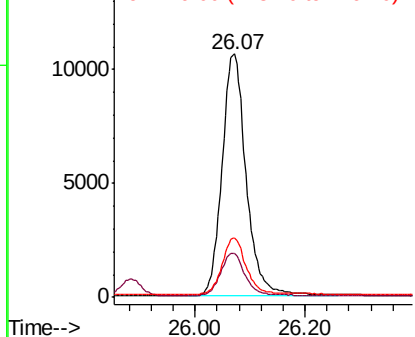


#25
Dibenzo(a,h)anthracene
Concen: 0.333 ng/ul
RT: 26.07 min Scan# 6301
Delta R.T. -0.01 min
Lab File: BN003690.D
Acq: 03 Dec 2018 22:20

Tgt Ion: 278 Resp: 32623
Ion Ratio Lower Upper
278 100
139 18.0 14.2 21.4
279 24.3 19.8 29.6

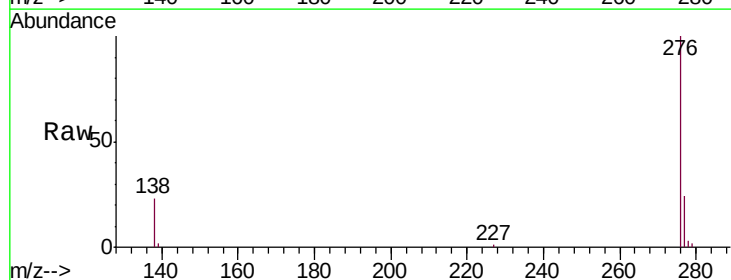


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.327 ng/ul
RT: 26.78 min Scan# 6512
Delta R.T. -0.01 min
Lab File: BN003690.D
Acq: 03 Dec 2018 22:20

Tgt Ion: 276 Resp: 34589
Ion Ratio Lower Upper
276 100
138 23.4 17.7 26.5
277 24.1 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

