

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021119\
 Data File : BN004378.D
 Acq On : 11 Feb 2019 15:12
 Operator : JU/SJ
 Sample : K1410-03DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 11 16:30:21 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN021119.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Feb 11 14:04:55 2019

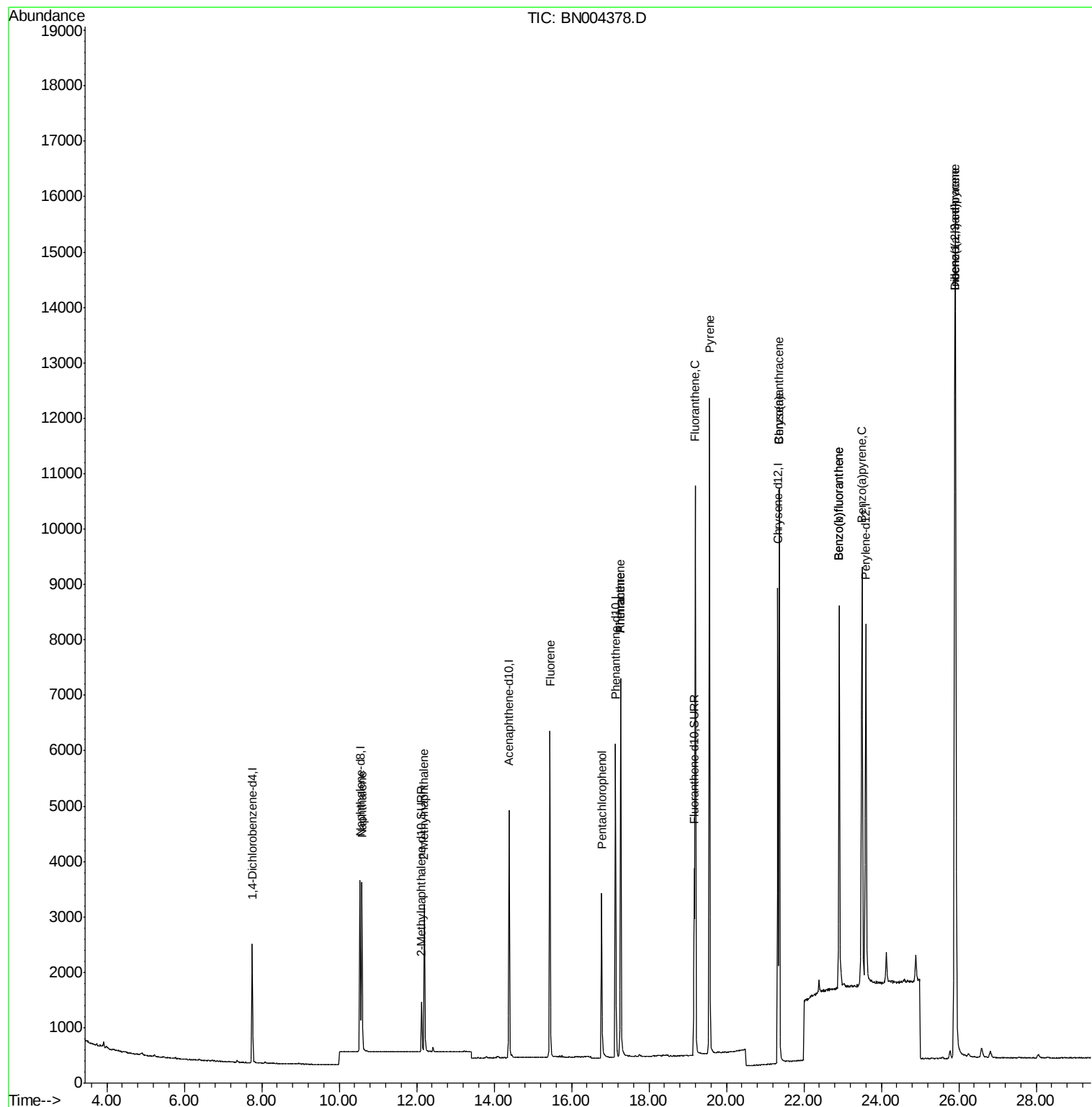
Response via : Initial Calibration

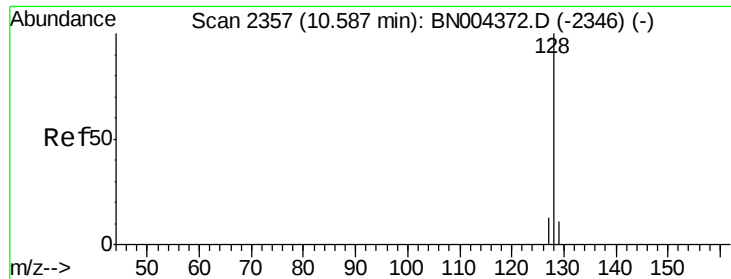
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1117	0.40	ng/ul	0.00
2) Naphthalene-d8	10.54	136	4247	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.39	164	2453	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.14	188	6774	0.40	ng/ul	0.00
16) Chrysene-d12	21.33	240	7757	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	8956	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.13	152	1258	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.17	212	3896	0.18	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.59	128	4134	0.339	ng/ul	98
5) 2-Methylnaphthalene	12.20	142	1987	0.228	ng/ul	99
9) Fluorene	15.44	166	3685	0.317	ng/ul	98
11) Pentachlorophenol	16.78	266	2192	1.520	ng/ul	96
12) Phenanthrene	17.27	178	7868	0.357	ng/ul	99
13) Anthracene	17.27	178	7959	0.429	ng/ul	100
15) Fluoranthene	19.20	202	9122	0.338	ng/ul	99
17) Pyrene	19.56	202	10517	0.421	ng/ul	99
18) Benzo(a)anthracene	21.37	228	8445	0.338	ng/ul	96
19) Chrysene	21.37	228	8479	0.292	ng/ul	99
21) Benzo(b)fluoranthene	22.91	252	9334	0.261	ng/ul	95
22) Benzo(k)fluoranthene	22.91	252	9334	0.265	ng/ul#	95
23) Benzo(a)pyrene	23.50	252	11355	0.355	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.91	276	6152	0.146	ng/ul#	58
25) Dibenzo(a,h)anthracene	25.91	278	24546	0.720	ng/ul	98

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

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#3

Naphthalene

Concen: 0.339 ng/ul

RT: 10.59 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BN004378.D

Acq: 11 Feb 2019 15:12

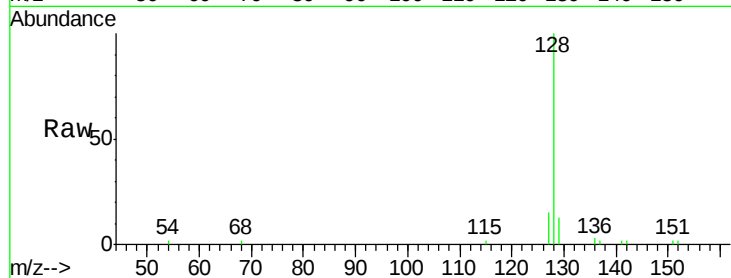
Tgt Ion:128 Resp: 4134

Ion Ratio Lower Upper

128 100

129 13.0 9.8 14.6

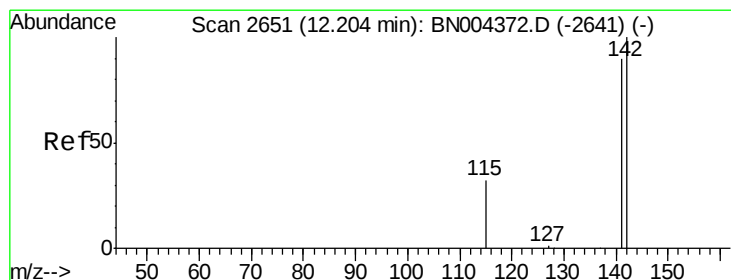
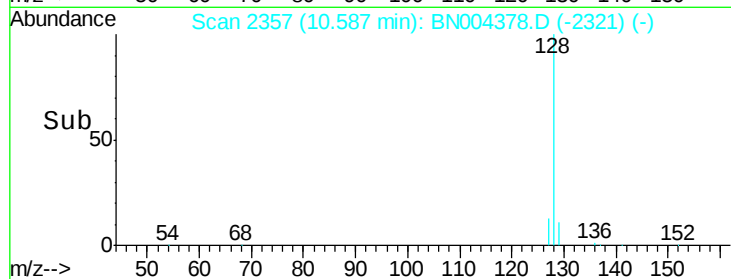
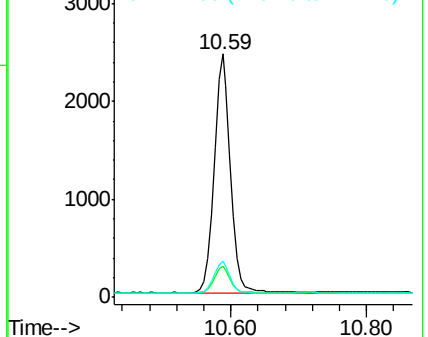
127 14.7 11.4 17.0



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: 0.228 ng/ul

RT: 12.20 min Scan# 2651

Delta R.T. -0.00 min

Lab File: BN004378.D

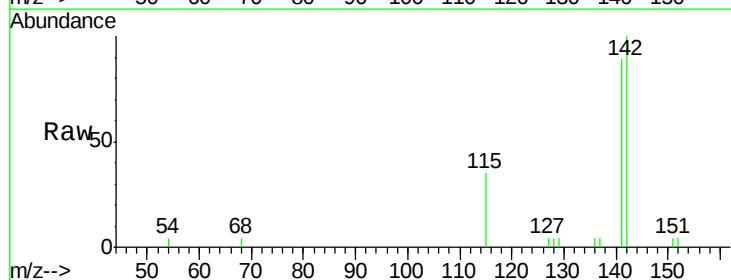
Acq: 11 Feb 2019 15:12

Tgt Ion:142 Resp: 1987

Ion Ratio Lower Upper

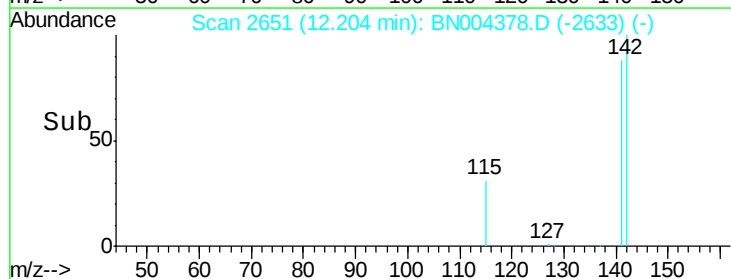
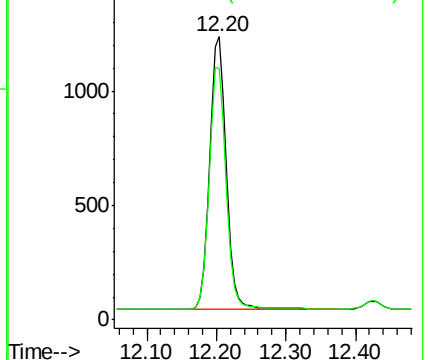
142 100

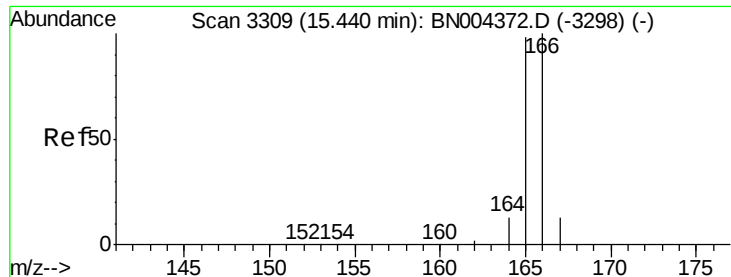
141 90.2 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

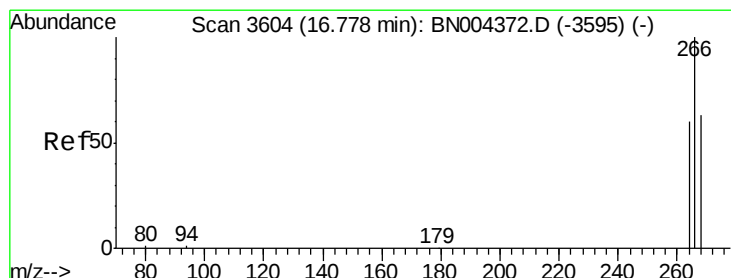
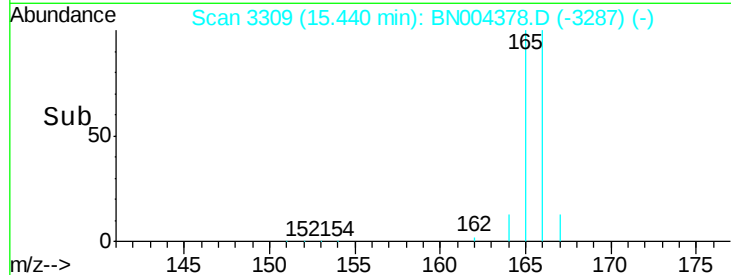
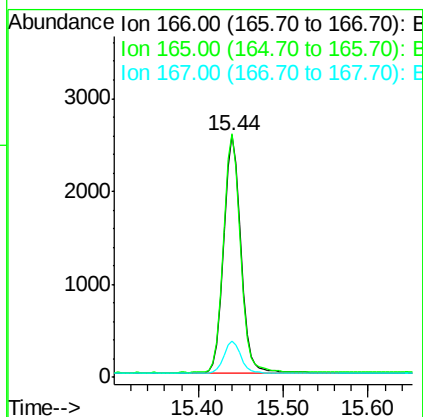
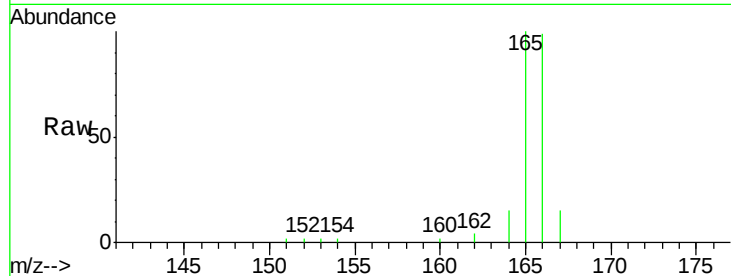




#9
Fluorene
 Concen: 0.317 ng/ul
 RT: 15.44 min Scan# 3309
 Delta R.T. -0.00 min
 Lab File: BN004378.D
 Acq: 11 Feb 2019 15:12

Tgt Ion: 166 Resp: 3685

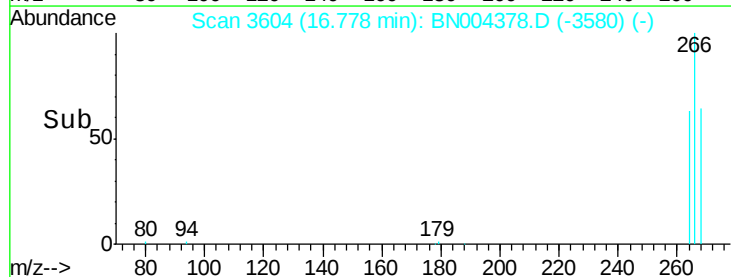
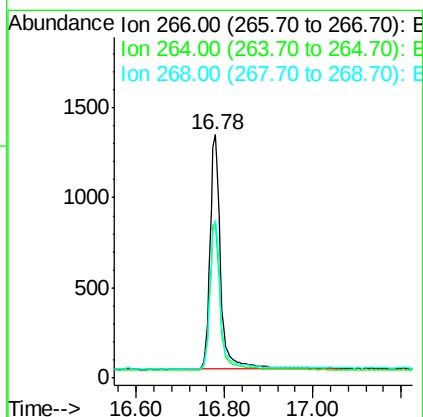
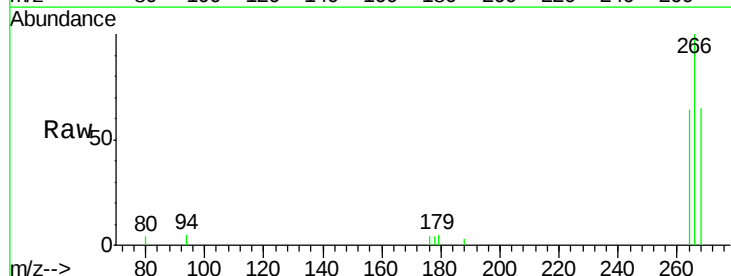
Ion	Ratio	Lower	Upper
166	100		
165	100.7	78.9	118.3
167	14.8	11.6	17.4

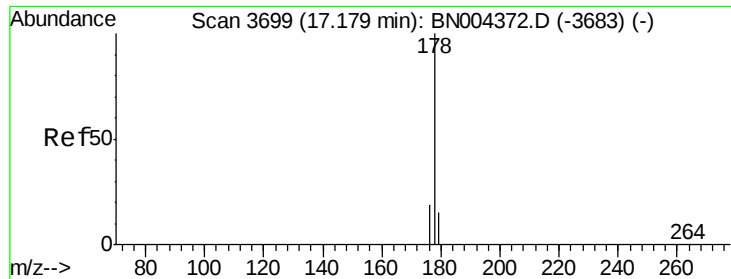


#11
Pentachlorophenol
 Concen: 1.520 ng/ul
 RT: 16.78 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: BN004378.D
 Acq: 11 Feb 2019 15:12

Tgt Ion: 266 Resp: 2192

Ion	Ratio	Lower	Upper
266	100		
264	62.3	52.3	78.5
268	64.8	49.0	73.6





#12

Phenanthrene

Concen: 0.357 ng/ul

RT: 17.27 min Scan# 3720

Delta R.T. 0.09 min

Lab File: BN004378.D

Acq: 11 Feb 2019 15:12

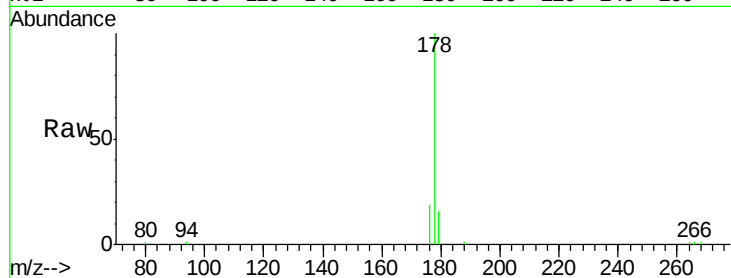
Tgt Ion:178 Resp: 7868

Ion Ratio Lower Upper

178 100

179 16.0 12.6 19.0

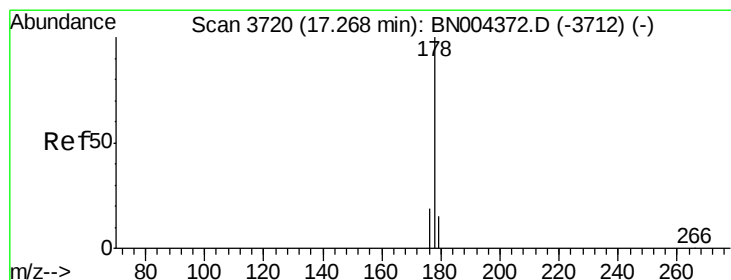
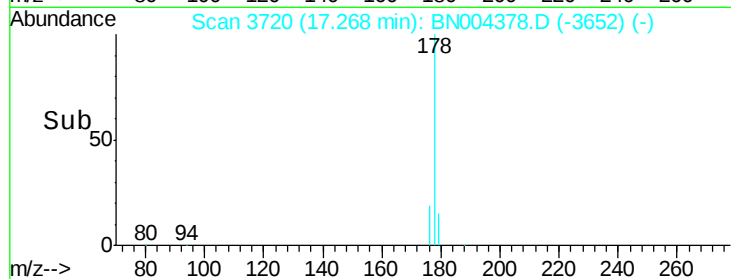
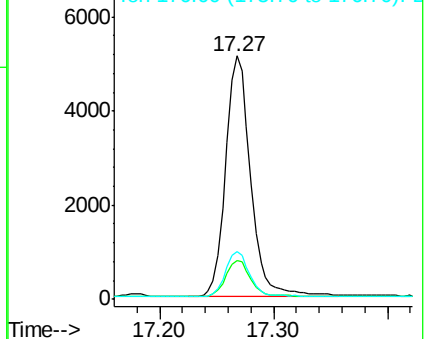
176 19.5 15.8 23.6



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: 0.429 ng/ul

RT: 17.27 min Scan# 3720

Delta R.T. -0.00 min

Lab File: BN004378.D

Acq: 11 Feb 2019 15:12

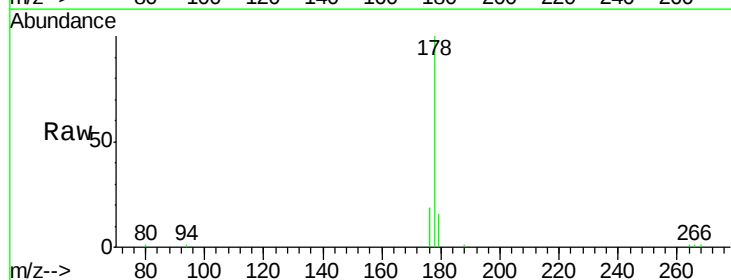
Tgt Ion:178 Resp: 7959

Ion Ratio Lower Upper

178 100

179 16.0 13.0 19.4

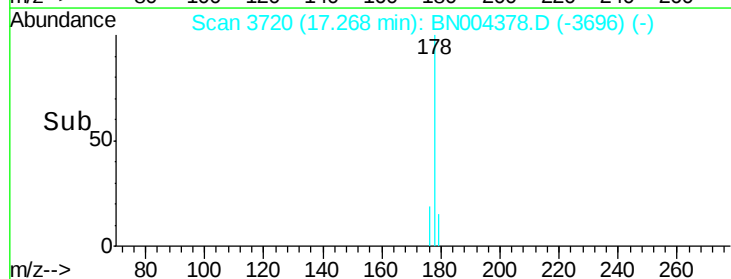
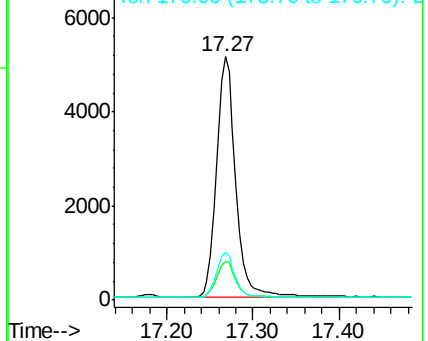
176 19.5 15.5 23.3

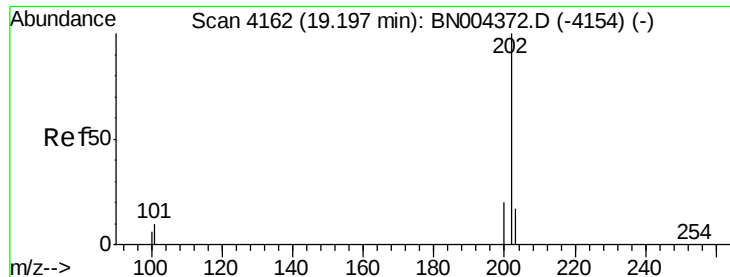


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

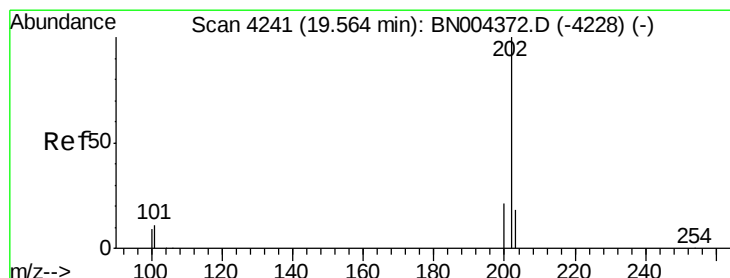
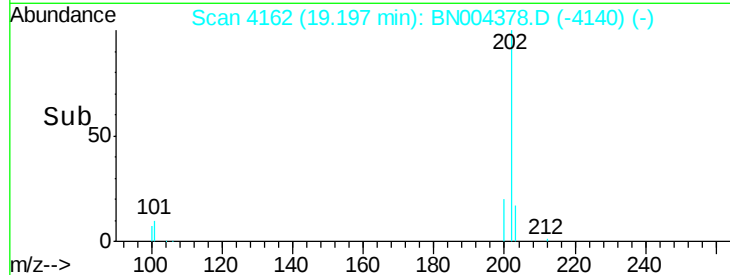
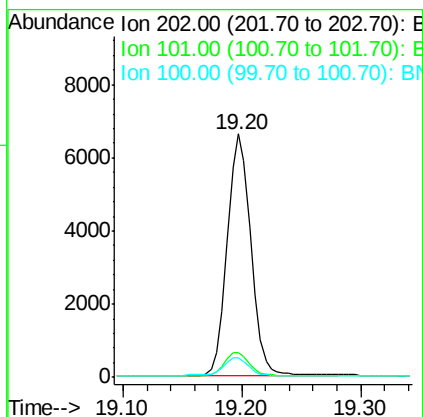
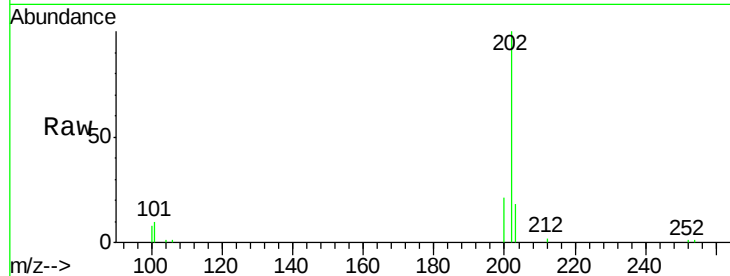
Ion 176.00 (175.70 to 176.70): E





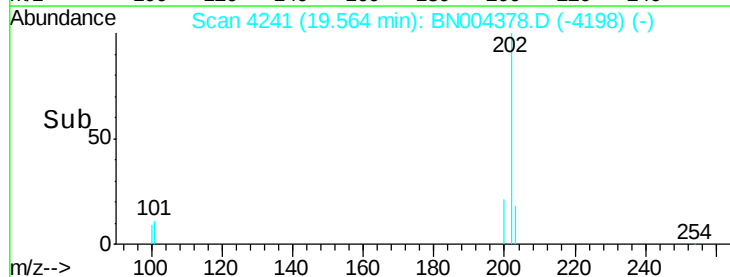
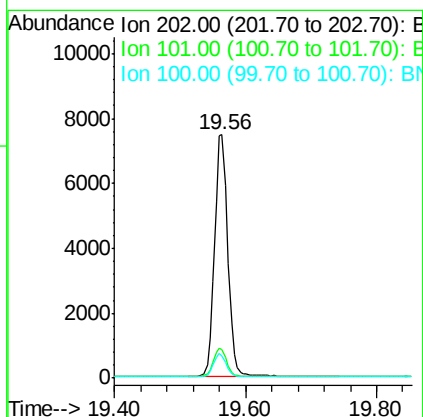
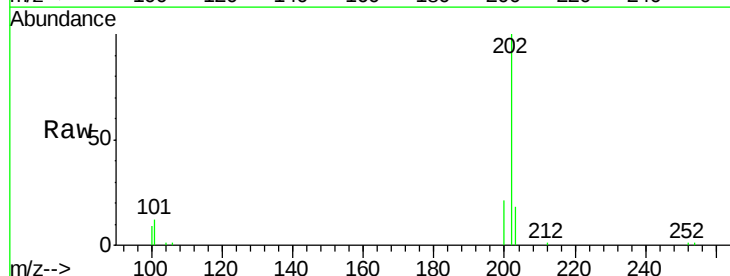
#15
Fluoranthene
 Concen: 0.338 ng/ul
 RT: 19.20 min Scan# 4162
 Delta R.T. -0.00 min
 Lab File: BN004378.D
 Acq: 11 Feb 2019 15:12

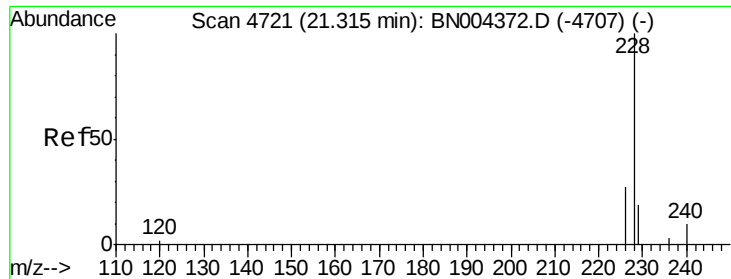
Tgt Ion:202 Resp: 9122
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 30.4
 100 7.9 0.0 27.6



#17
Pyrene
 Concen: 0.421 ng/ul
 RT: 19.56 min Scan# 4241
 Delta R.T. -0.00 min
 Lab File: BN004378.D
 Acq: 11 Feb 2019 15:12

Tgt Ion:202 Resp: 10517
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.0 13.6
 100 9.2 7.4 11.0





#18

Benzo(a)anthracene

Concen: 0.338 ng/ul

RT: 21.37 min Scan# 4738

Delta R.T. 0.05 min

Lab File: BN004378.D

Acq: 11 Feb 2019 15:12

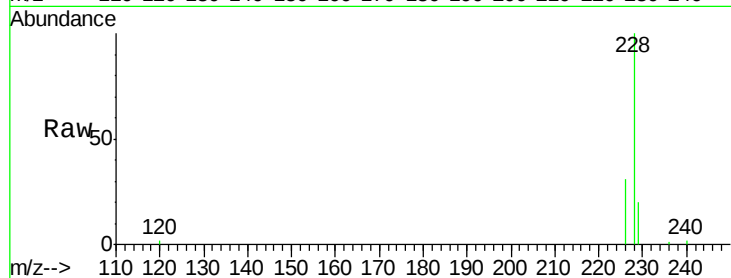
Tgt Ion:228 Resp: 8445

Ion Ratio Lower Upper

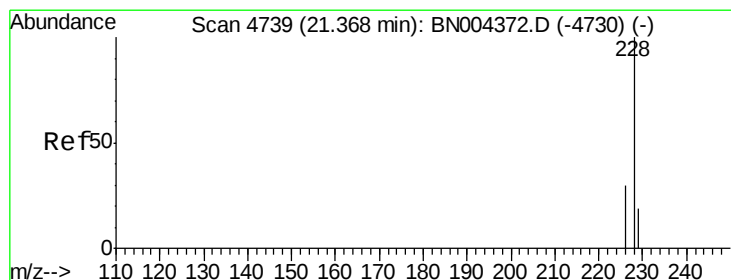
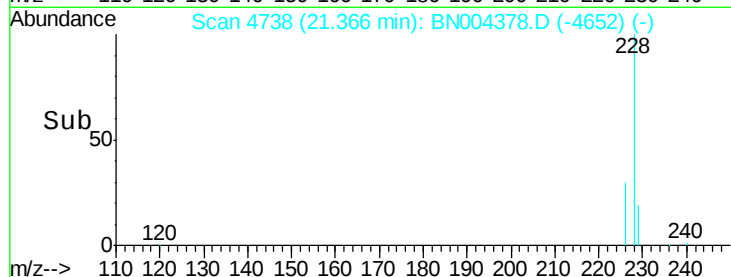
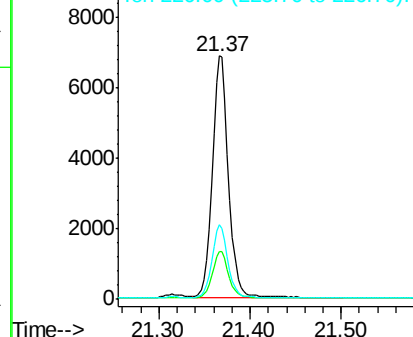
228 100

229 19.8 15.7 23.5

226 30.8 22.1 33.1



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: 0.292 ng/ul

RT: 21.37 min Scan# 4738

Delta R.T. -0.00 min

Lab File: BN004378.D

Acq: 11 Feb 2019 15:12

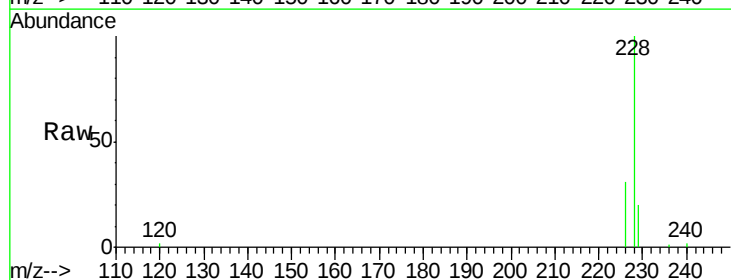
Tgt Ion:228 Resp: 8479

Ion Ratio Lower Upper

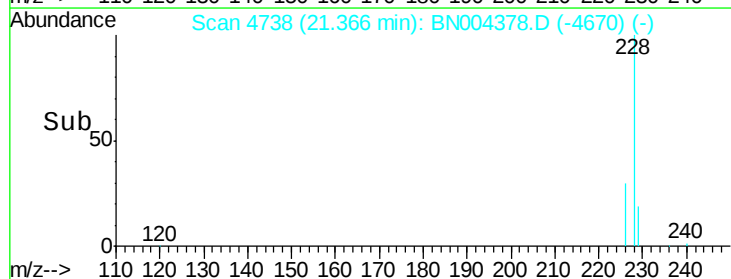
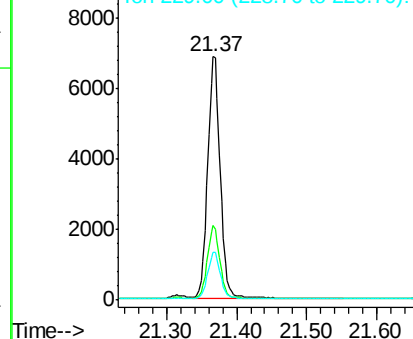
228 100

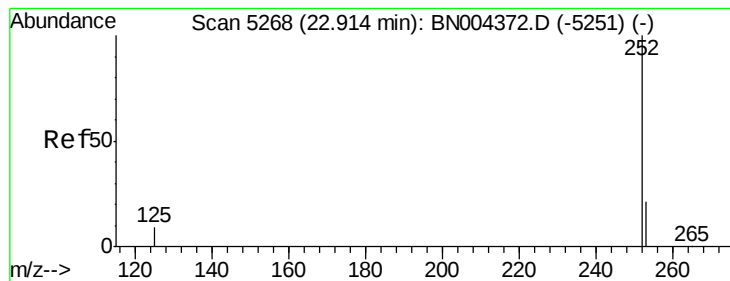
226 30.8 23.8 35.8

229 19.8 15.8 23.6



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: 0.261 ng/ul

RT: 22.91 min Scan# 5267

Delta R.T. -0.00 min

Lab File: BN004378.D

Acq: 11 Feb 2019 15:12

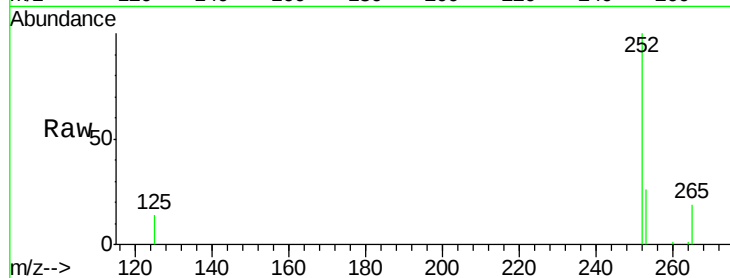
Tgt Ion: 252 Resp: 9334

Ion Ratio Lower Upper

252 100

253 26.1 0.0 48.0

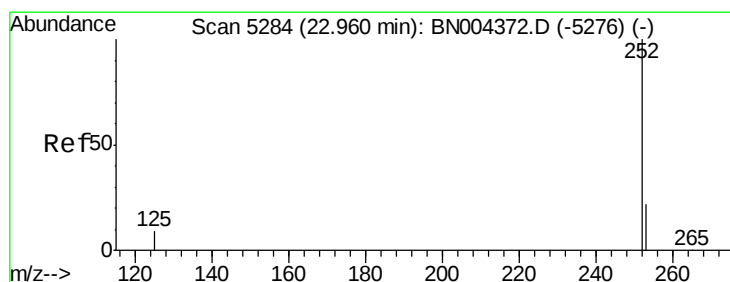
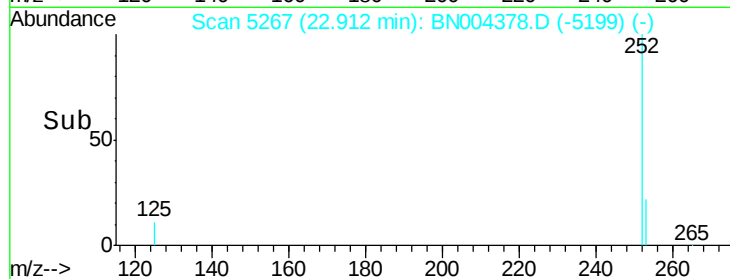
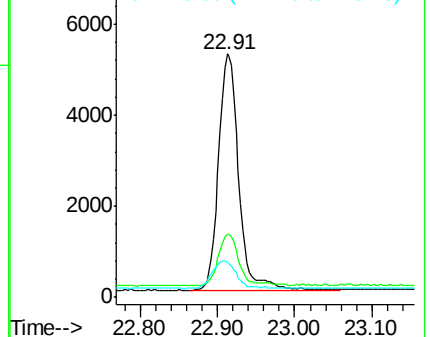
125 14.5 0.0 22.8



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: 0.265 ng/ul

RT: 22.91 min Scan# 5267

Delta R.T. -0.05 min

Lab File: BN004378.D

Acq: 11 Feb 2019 15:12

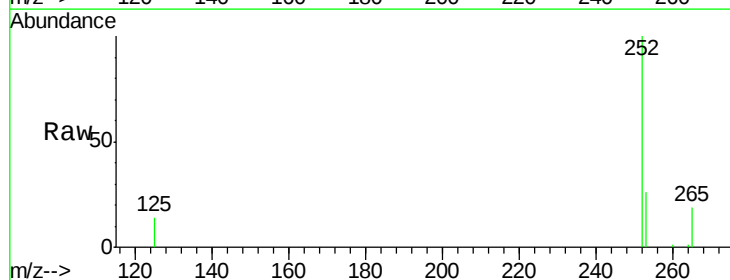
Tgt Ion: 252 Resp: 9334

Ion Ratio Lower Upper

252 100

253 26.1 19.5 29.3

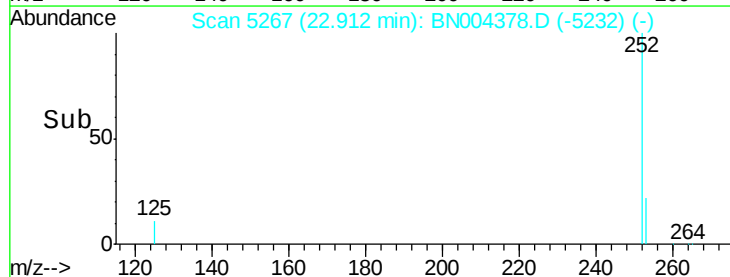
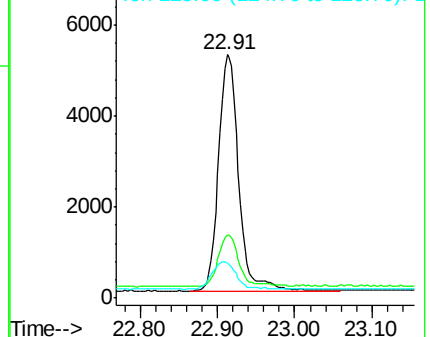
125 14.5 9.1 13.7#

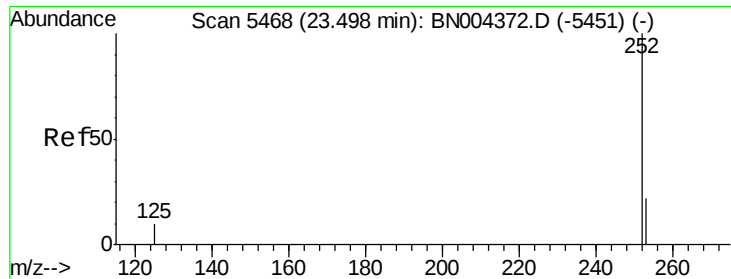


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.355 ng/ul

RT: 23.50 min Scan# 5468

Delta R.T. 0.00 min

Lab File: BN004378.D

Acq: 11 Feb 2019 15:12

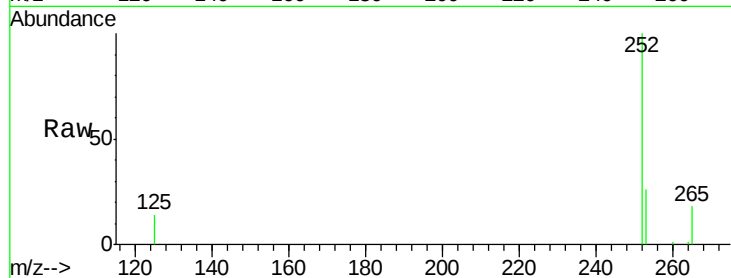
Tgt Ion: 252 Resp: 11355

Ion Ratio Lower Upper

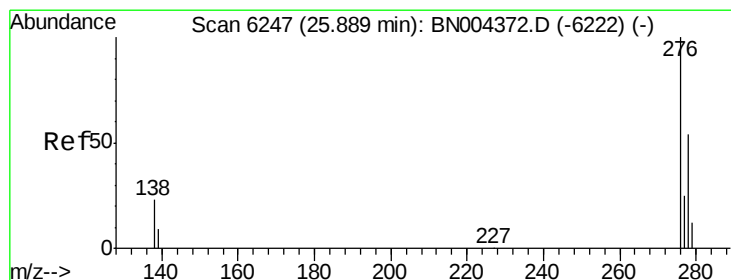
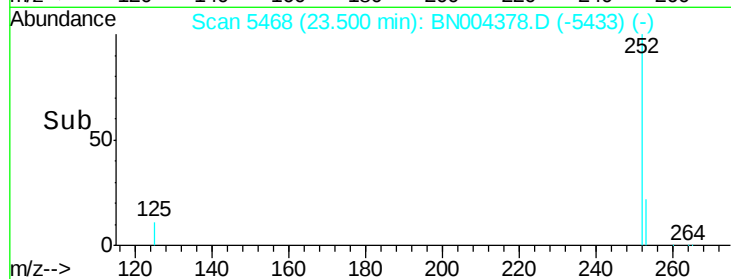
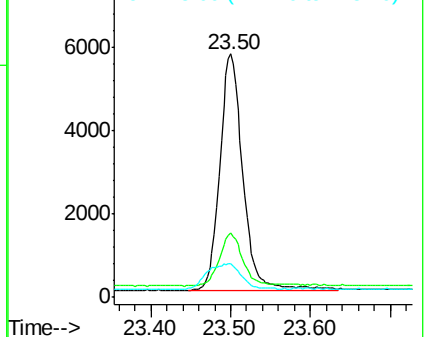
252 100

253 26.2 20.4 30.6

125 13.8 10.6 15.8



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: 0.146 ng/ul

RT: 25.91 min Scan# 6252

Delta R.T. 0.02 min

Lab File: BN004378.D

Acq: 11 Feb 2019 15:12

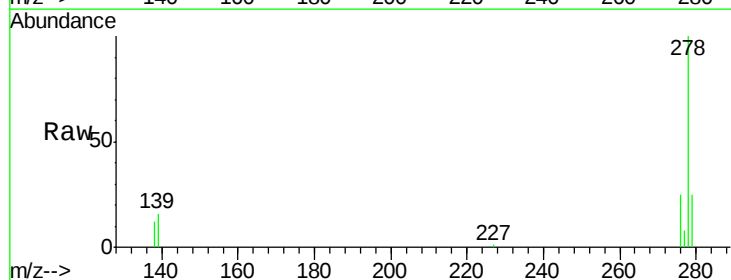
Tgt Ion: 276 Resp: 6152

Ion Ratio Lower Upper

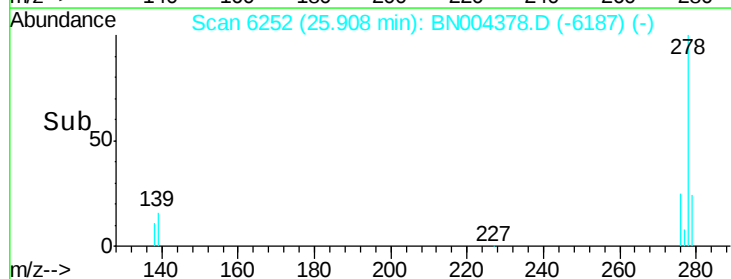
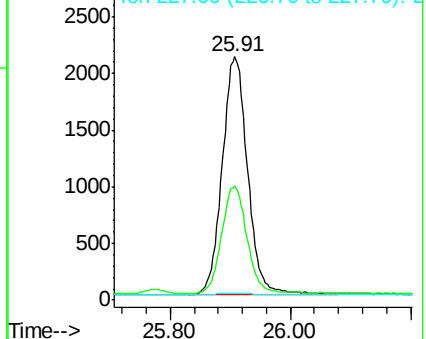
276 100

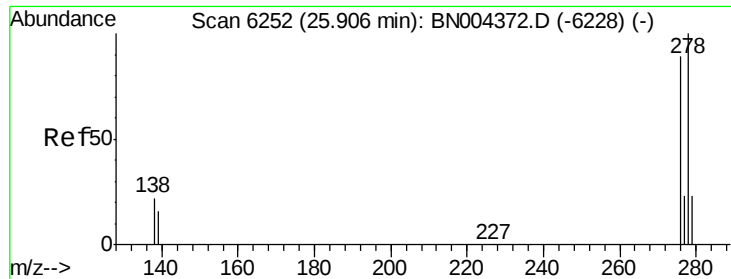
138 44.9 19.1 28.7#

227 0.7 0.2 0.4#



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: 0.720 ng/ul

RT: 25.91 min Scan# 6252

Delta R.T. 0.00 min

Lab File: BN004378.D

Acq: 11 Feb 2019 15:12

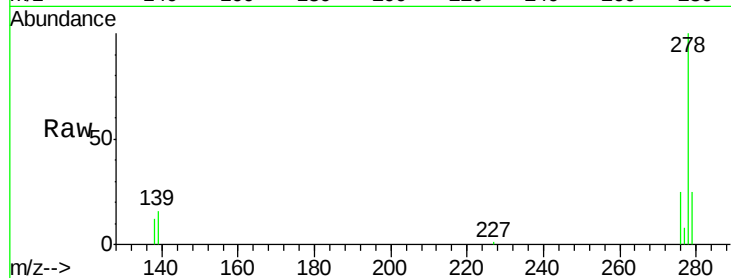
Tgt Ion: 278 Resp: 24546

Ion Ratio Lower Upper

278 100

139 16.2 13.8 20.6

279 25.0 20.4 30.6



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

