

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003162.D
 Acq On : 13 Oct 2018 04:53
 Operator : MJ/SJ
 Sample : J5368-03DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 13 06:03:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 05:59:15 2018
 Response via : Initial Calibration

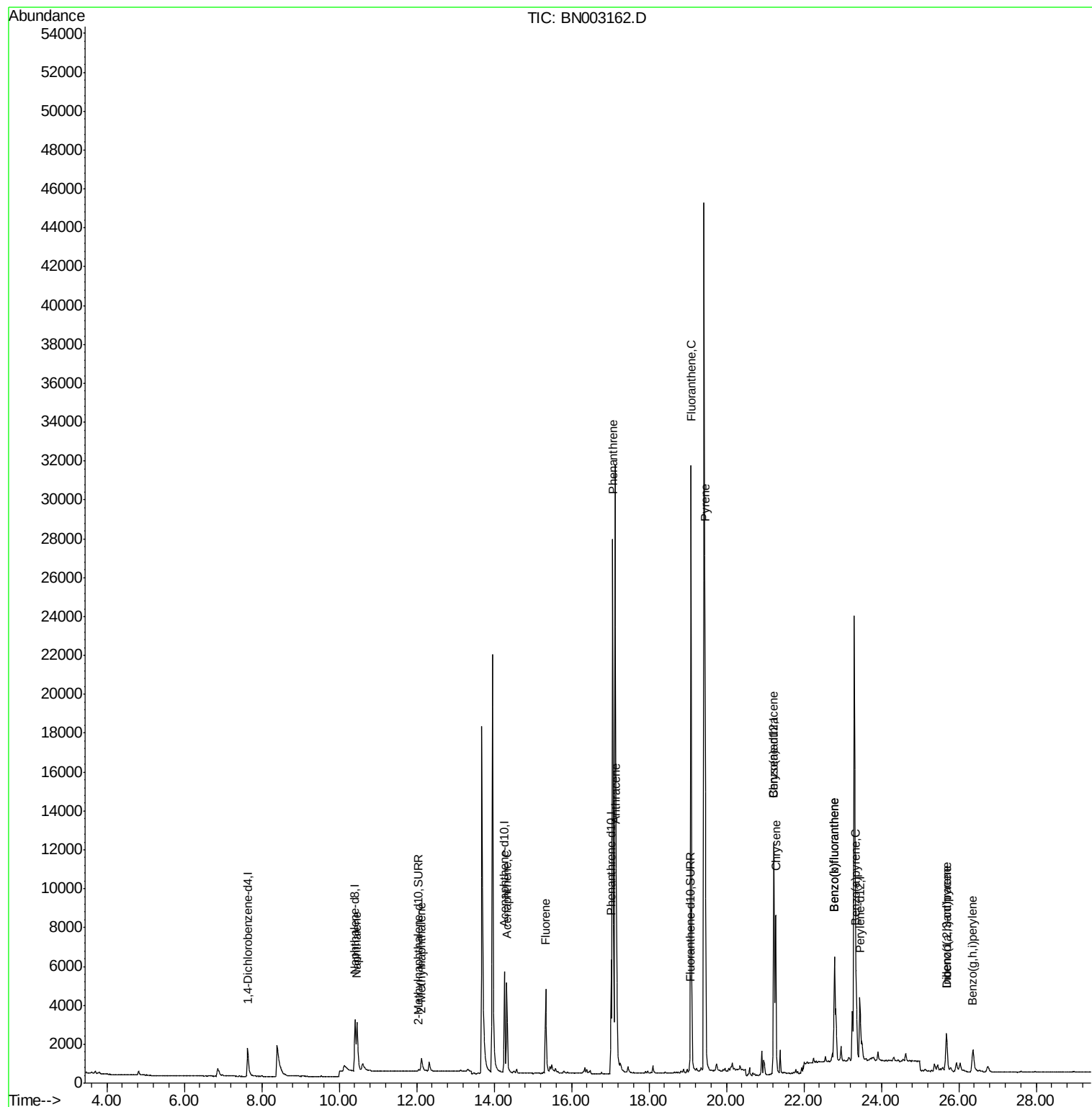
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1229	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.41	136	5302	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	3244	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	7545	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	5956	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	5015	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	247	0.03	ng/ul	0.02
14) Fluoranthene-d10	19.06	212	685	0.03	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.46	128	5067	0.372	ng/ul	99
5) 2-Methylnaphthalene	12.13	142	1051	0.112	ng/ul	100
8) Acenaphthene	14.33	153	3231	0.287	ng/ul	99
9) Fluorene	15.33	166	4002	0.310	ng/ul	98
12) Phenanthrene	17.06	178	34099	1.621	ng/ul	99
13) Anthracene	17.16	178	9328	0.470	ng/ul#	95
15) Fluoranthene	19.09	202	30091	1.220	ng/ul	98
17) Pyrene	19.45	202	23181	1.002	ng/ul	98
18) Benzo(a)anthracene	21.22	228	9364	0.489	ng/ul	96
19) Chrysene	21.27	228	9020	0.463	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	11826	0.655	ng/ul	99
22) Benzo(k)fluoranthene	22.79	252	11826	0.632	ng/ul	99
23) Benzo(a)pyrene	23.35	252	5634	0.348	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.69	276	3435	0.185	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.68	278	967	0.065	ng/ul#	59
26) Benzo(a,h,i)perylene	26.36	276	2667	0.170	ng/ul	90

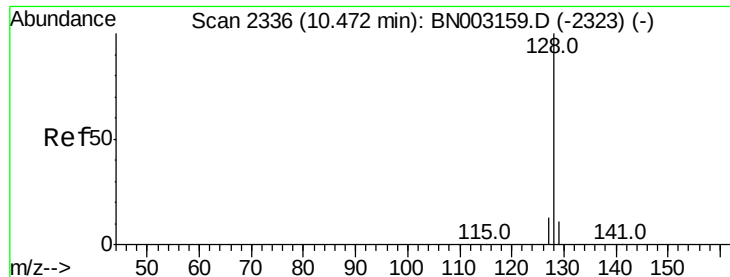
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.372 ng/ul

RT: 10.46 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Instrument :

BNA_N

ClientSampleId :

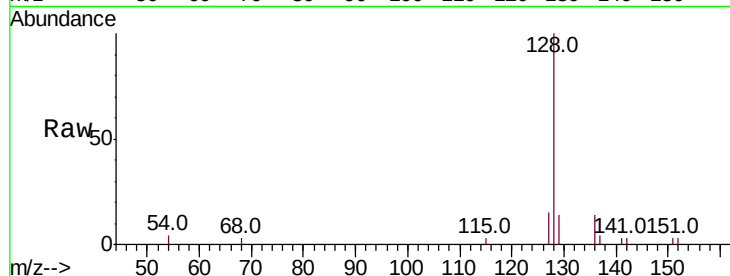
Tot Ion:128 Resp: 5067

Ion Ratio Lower Upper

128 100

129 13.7 10.4 15.6

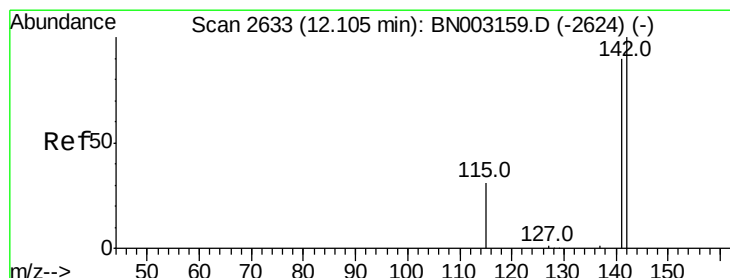
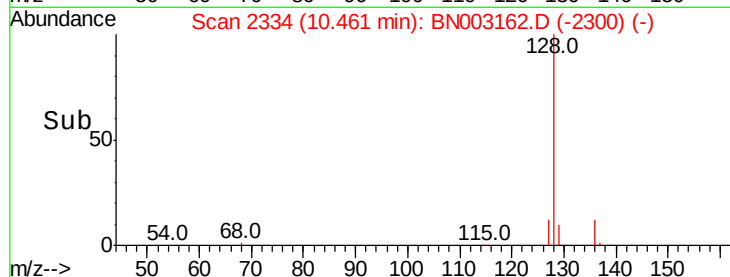
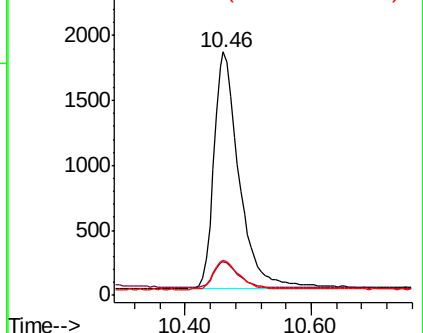
127 14.5 11.7 17.5



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: 0.112 ng/ul

RT: 12.13 min Scan# 2637

Delta R.T. 0.02 min

Lab File: BN003162.D

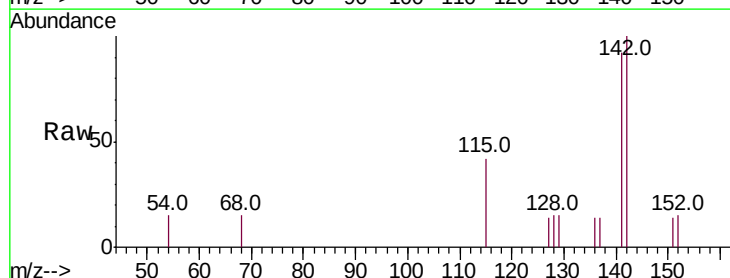
Acq: 13 Oct 2018 04:53

Tgt Ion:142 Resp: 1051

Ion Ratio Lower Upper

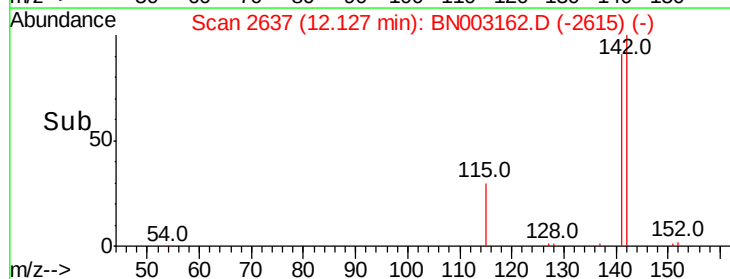
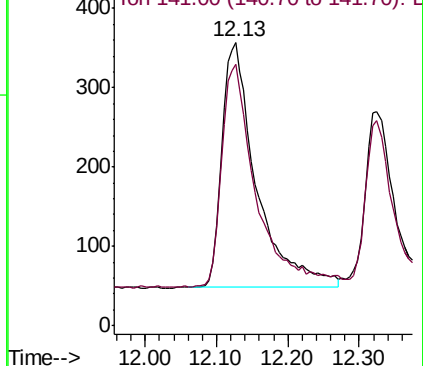
142 100

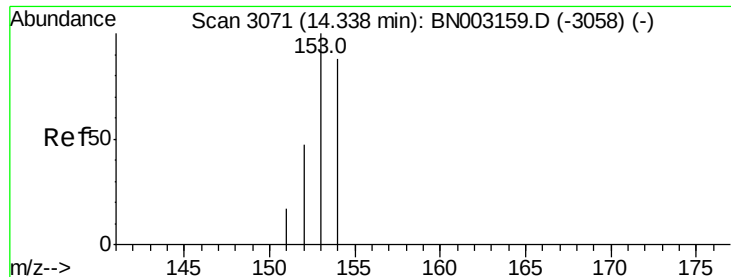
141 91.8 73.4 110.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.287 ng/ul

RT: 14.33 min Scan# 3069

Delta R.T. -0.01 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Instrument :

BNA_N

ClientSampleId :

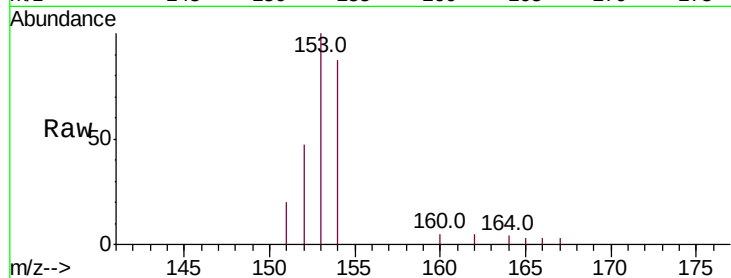
Tot Ion:153 Resp: 3231

Ion Ratio Lower Upper

153 100

152 47.3 38.2 57.4

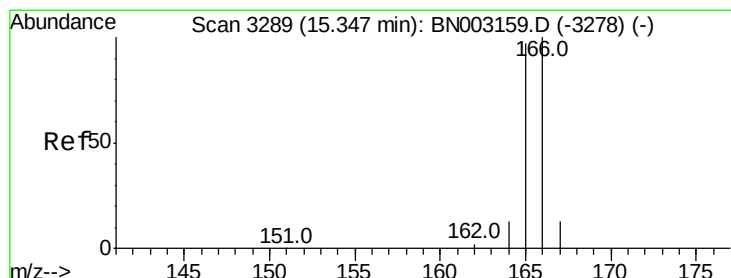
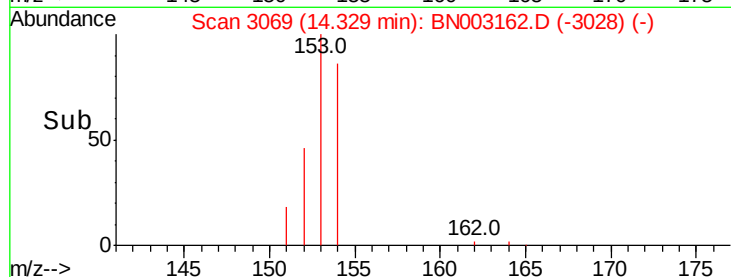
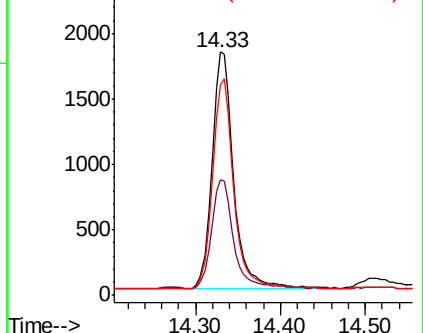
154 86.6 70.2 105.2



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: 0.310 ng/ul

RT: 15.33 min Scan# 3286

Delta R.T. -0.01 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

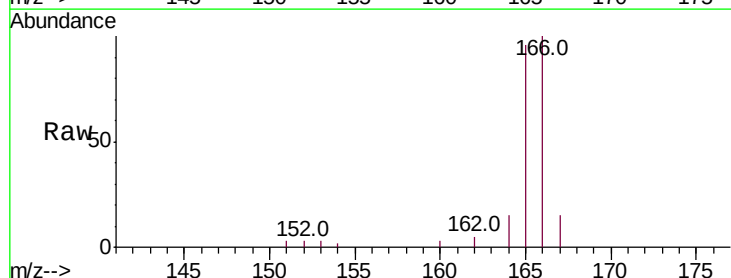
Tgt Ion:166 Resp: 4002

Ion Ratio Lower Upper

166 100

165 95.8 78.5 117.7

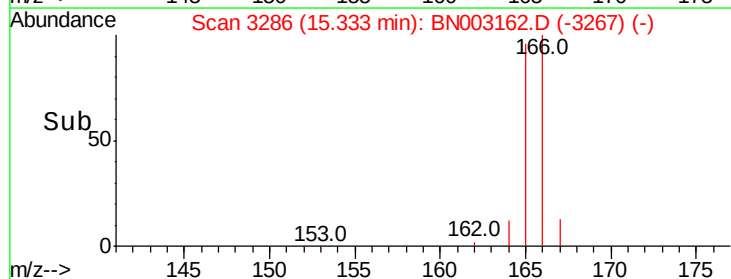
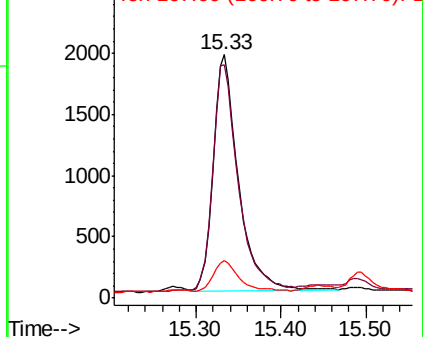
167 15.4 11.6 17.4

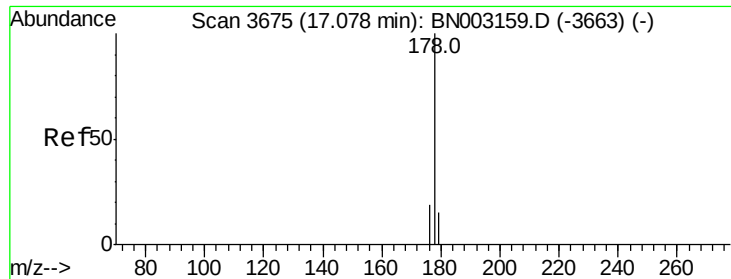


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 1.621 ng/ul

RT: 17.06 min Scan# 3672

Delta R.T. -0.01 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Instrument :

BNA_N

ClientSampleId :

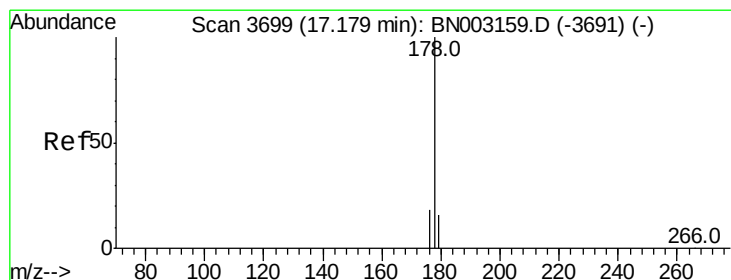
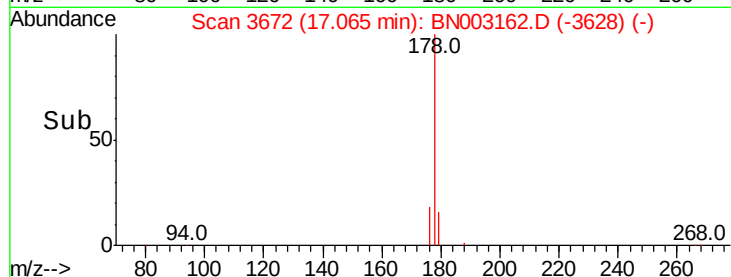
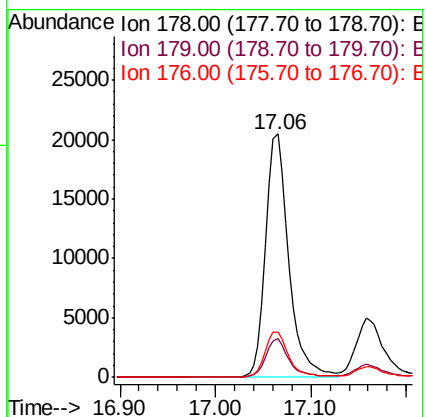
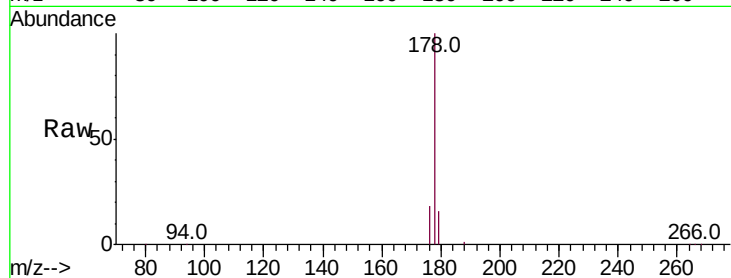
Tot Ion:178 Resp: 34099

Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

176 18.4 15.4 23.2



#13

Anthracene

Concen: 0.470 ng/ul

RT: 17.16 min Scan# 3694

Delta R.T. -0.02 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

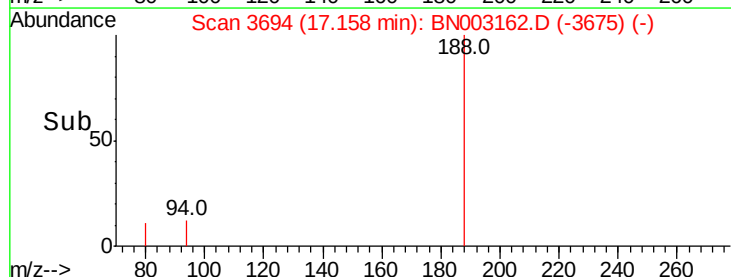
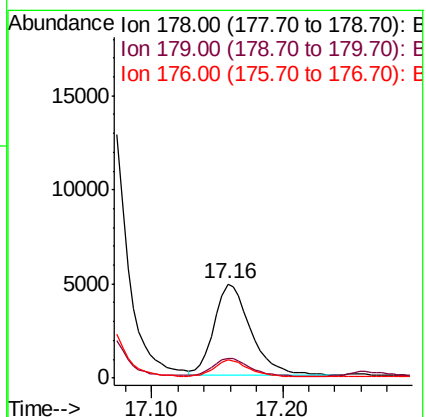
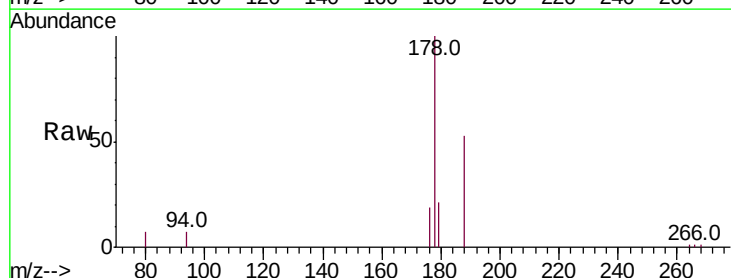
Tgt Ion:178 Resp: 9328

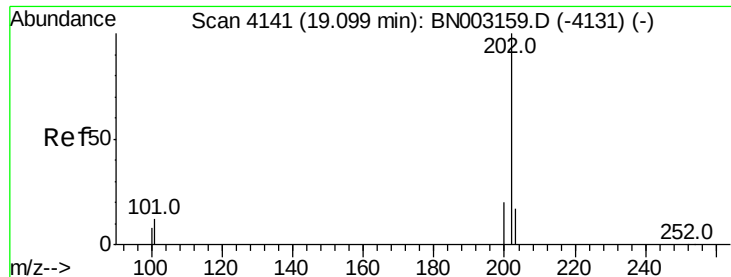
Ion Ratio Lower Upper

178 100

179 21.2 13.0 19.6#

176 19.0 15.3 22.9





#15

Fluoranthene

Concen: 1.220 ng/ul

RT: 19.09 min Scan# 4139

Delta R.T. -0.01 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Instrument :

BNA_N

ClientSampleId :

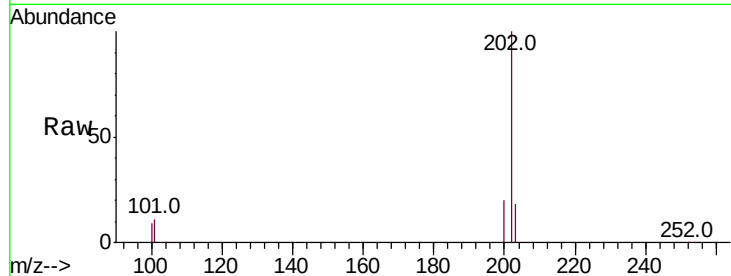
Tot Ion:202 Resp: 30091

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.3

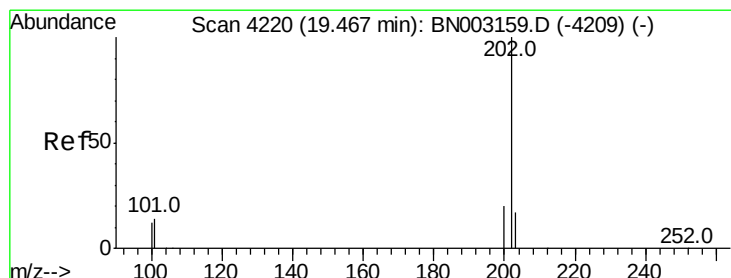
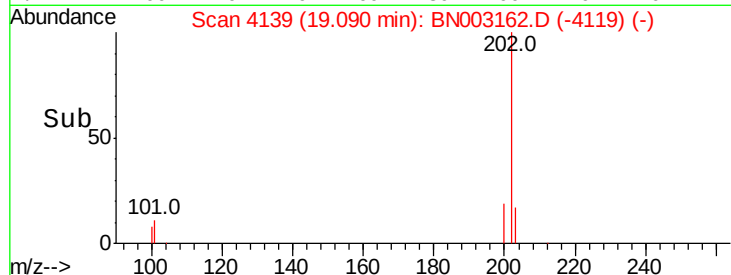
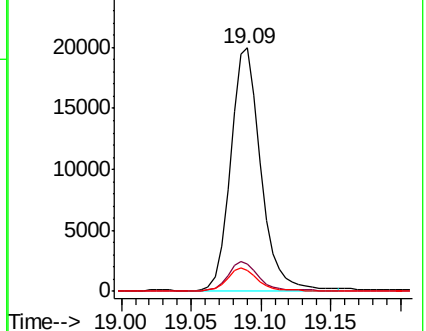
100 8.6 0.0 29.1



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: 1.002 ng/ul

RT: 19.45 min Scan# 4217

Delta R.T. -0.01 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

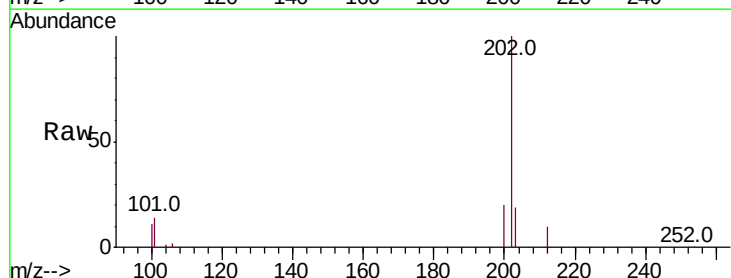
Tgt Ion:202 Resp: 23181

Ion Ratio Lower Upper

202 100

101 14.2 11.9 17.9

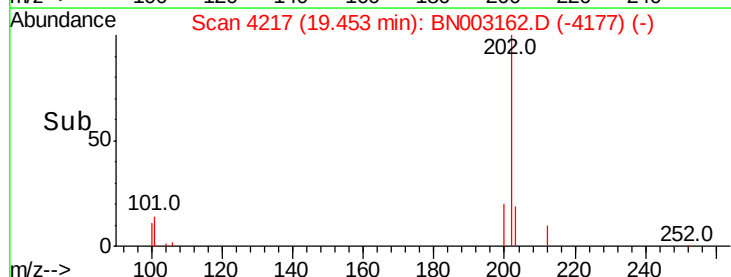
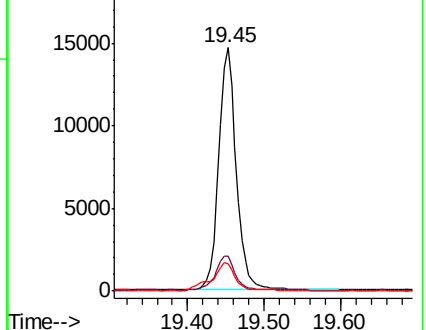
100 11.2 9.9 14.9

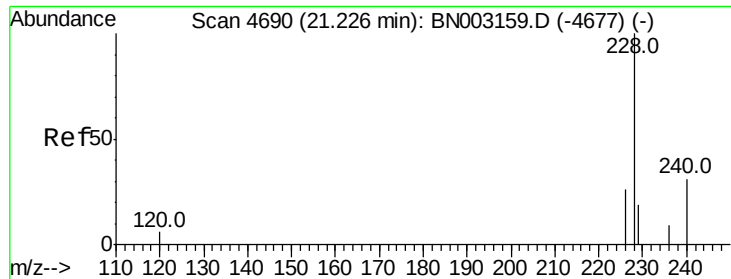


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.489 ng/ul

RT: 21.22 min Scan# 4688

Delta R.T. -0.01 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Instrument :

BNA_N

ClientSampleId :

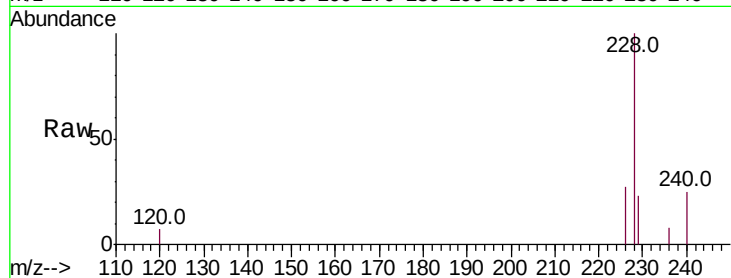
Tot Ion:228 Resp: 9364

Ion Ratio Lower Upper

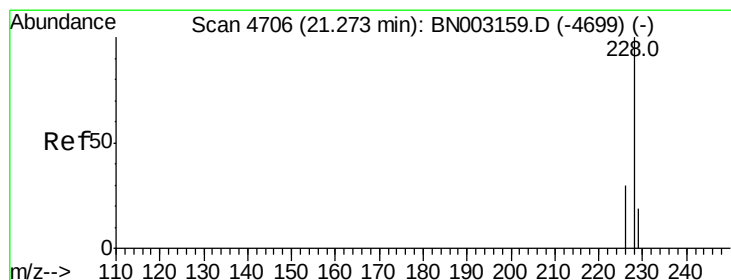
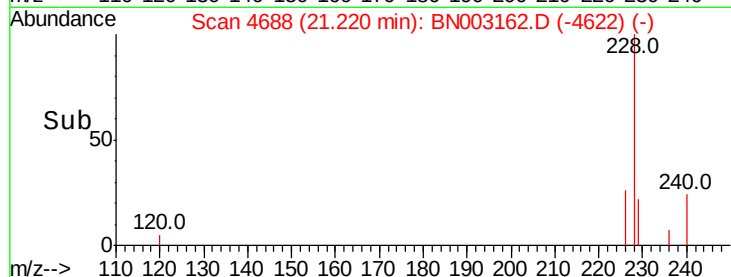
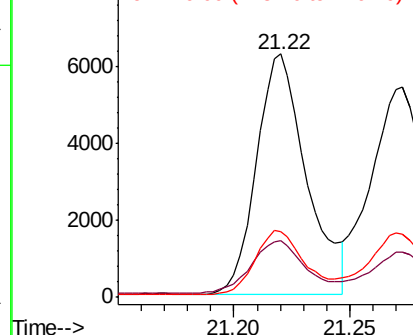
228 100

229 23.2 16.2 24.2

226 27.2 22.3 33.5



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: 0.463 ng/ul

RT: 21.27 min Scan# 4706

Delta R.T. 0.00 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

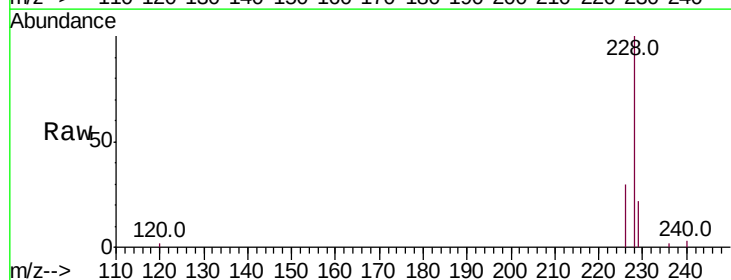
Tgt Ion:228 Resp: 9020

Ion Ratio Lower Upper

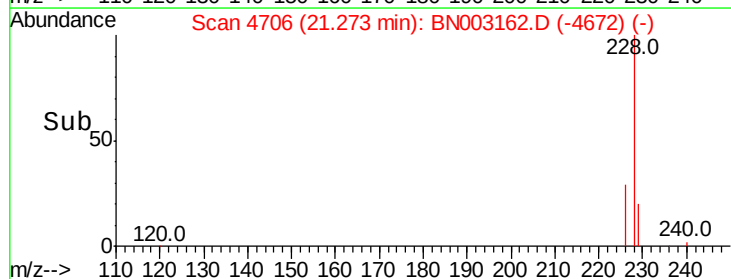
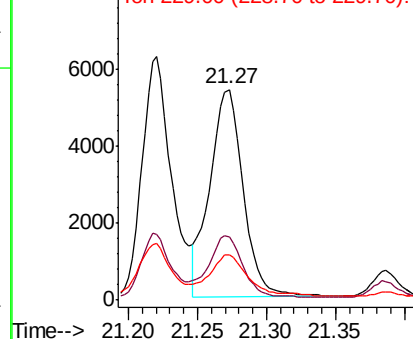
228 100

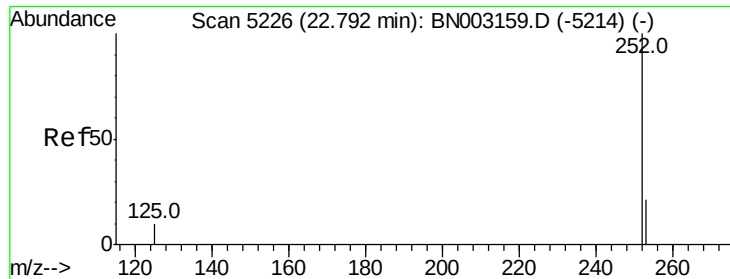
226 30.2 24.2 36.4

229 21.5 16.7 25.1



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: 0.655 ng/ul

RT: 22.79 min Scan# 5225

Delta R.T. -0.00 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Instrument :

BNA_N

ClientSampleId :

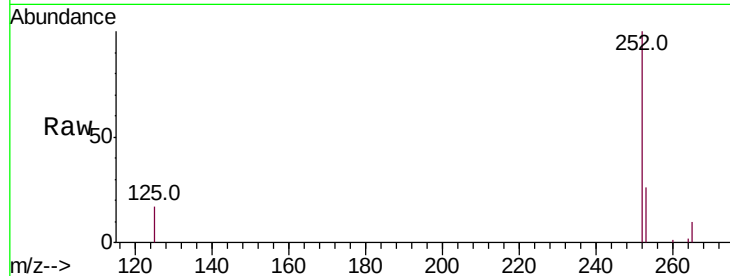
Tot Ion:252 Resp: 11826

Ion Ratio Lower Upper

252 100

253 26.3 0.0 53.2

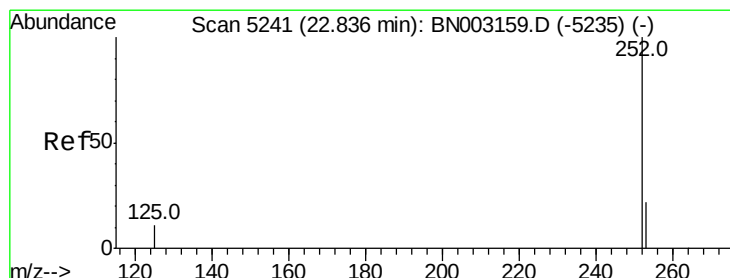
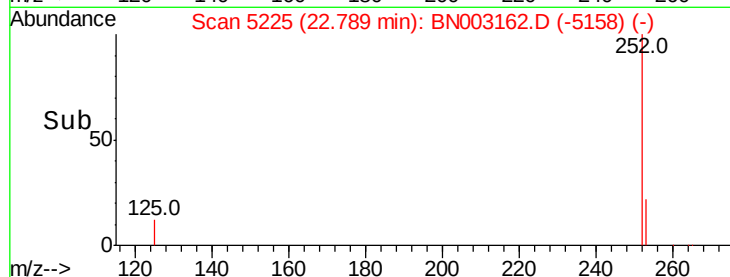
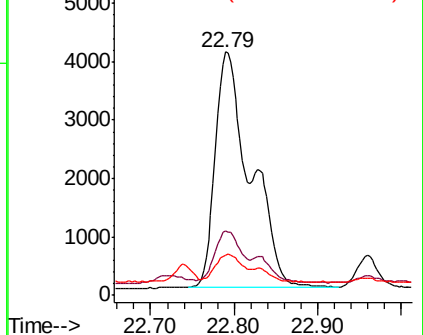
125 16.6 0.0 34.2



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: 0.632 ng/ul

RT: 22.79 min Scan# 5225

Delta R.T. -0.05 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

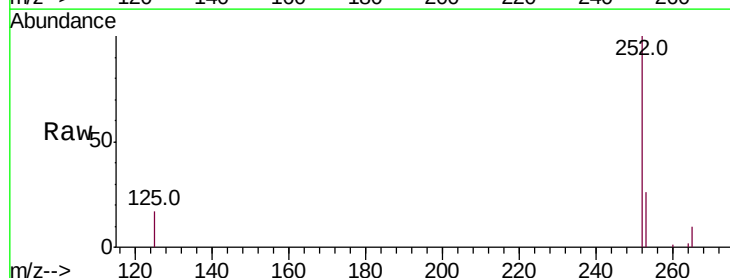
Tgt Ion:252 Resp: 11826

Ion Ratio Lower Upper

252 100

253 26.3 21.3 31.9

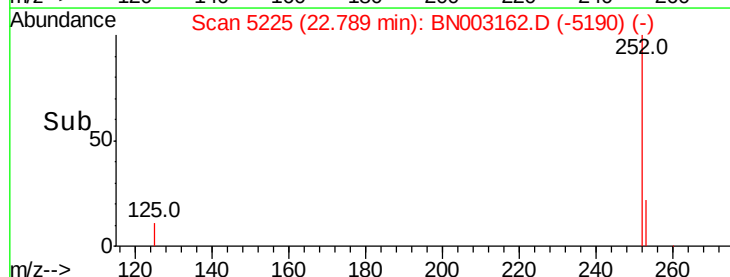
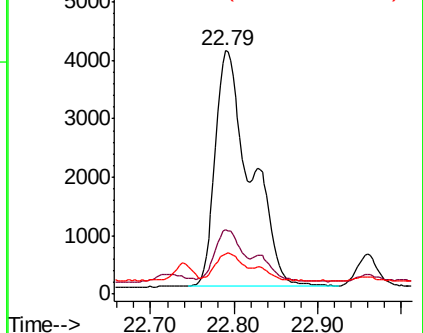
125 16.6 14.1 21.1

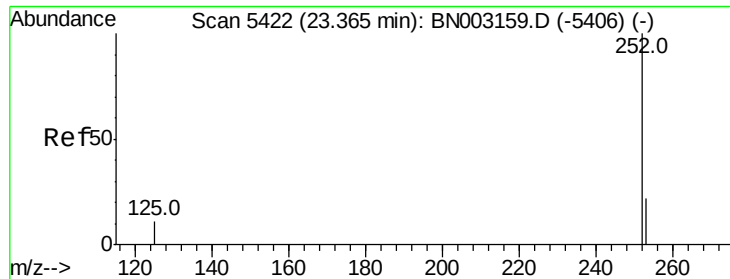


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.348 ng/ul

RT: 23.35 min Scan# 5417

Delta R.T. -0.01 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

Instrument :

BNA_N

ClientSampleId :

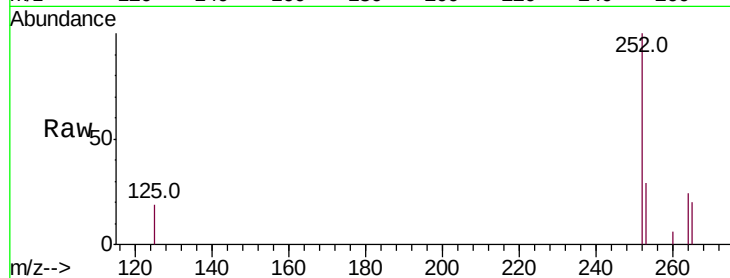
Tot Ion:252 Resp: 5634

Ion Ratio Lower Upper

252 100

253 29.1 23.1 34.7

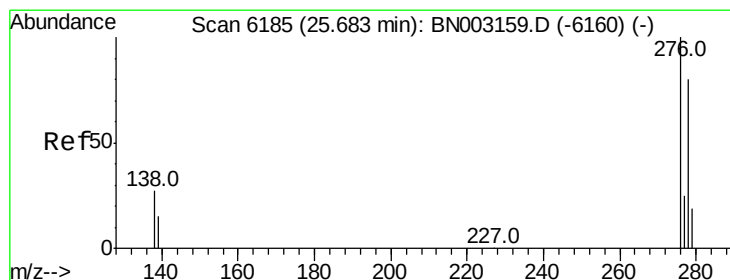
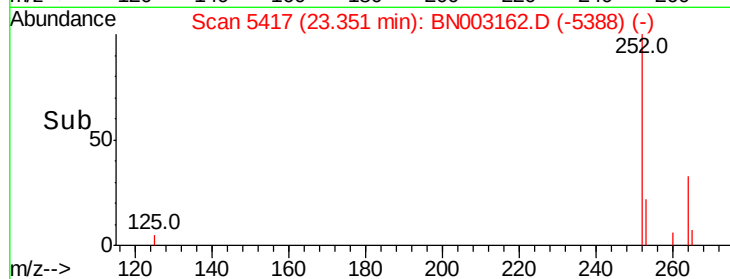
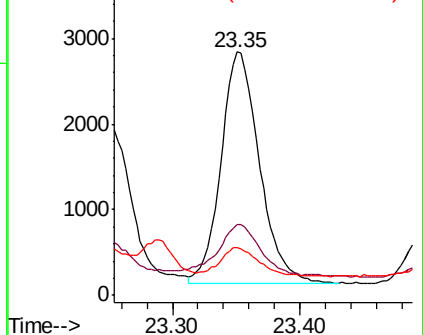
125 19.4 16.9 25.3



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: 0.185 ng/ul

RT: 25.69 min Scan# 6186

Delta R.T. 0.00 min

Lab File: BN003162.D

Acq: 13 Oct 2018 04:53

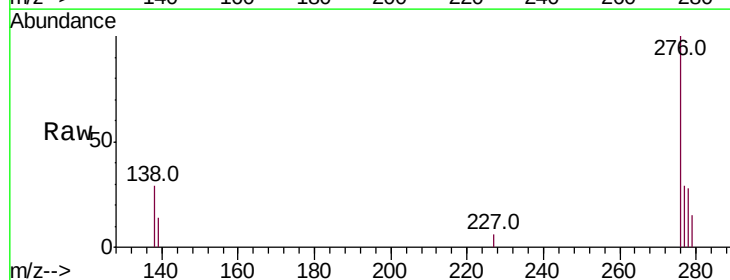
Tgt Ion:276 Resp: 3435

Ion Ratio Lower Upper

276 100

138 22.7 21.5 32.3

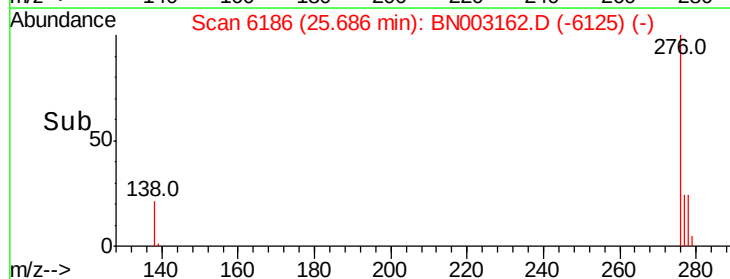
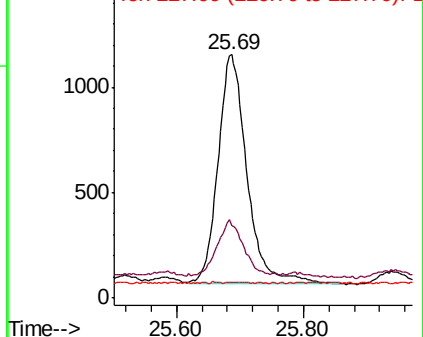
227 0.1 0.3 0.5#

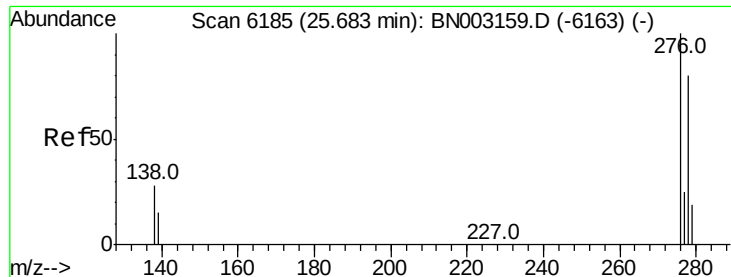


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



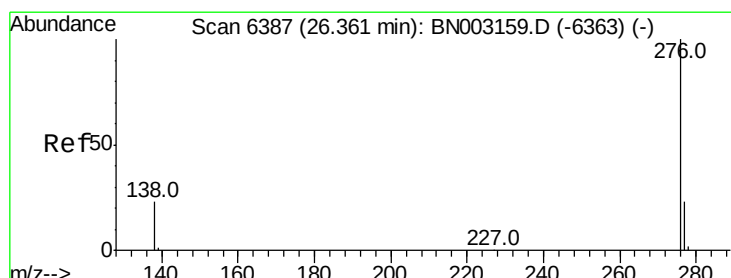
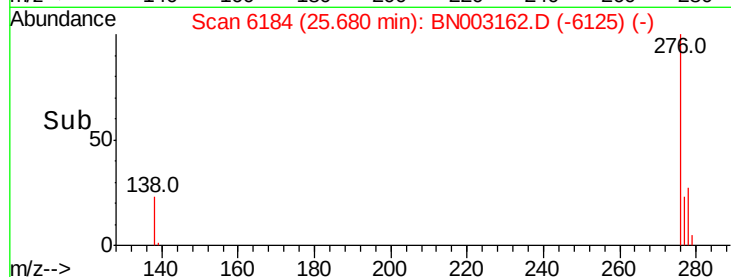
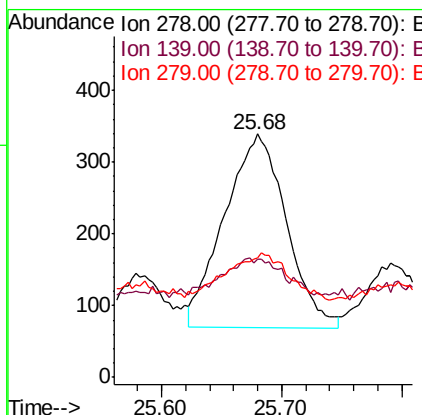
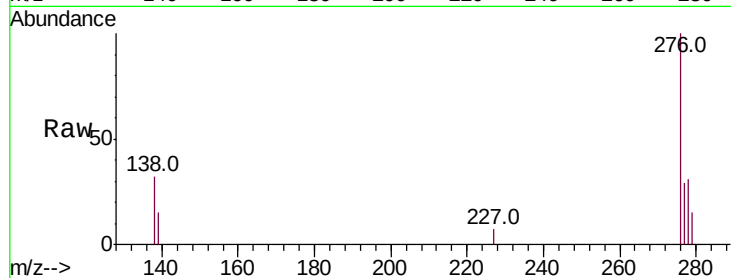


#25
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 25.68 min Scan# 6184
Delta R.T. -0.00 min
Lab File: BN003162.D
Acq: 13 Oct 2018 04:53

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 967

Ion	Ratio	Lower	Upper
278	100		
139	48.7	20.2	30.4#
279	49.3	23.8	35.8#



#26
Benzo(g,h,i)perylene
Concen: 0.170 ng/ul
RT: 26.36 min Scan# 6388
Delta R.T. 0.00 min
Lab File: BN003162.D
Acq: 13 Oct 2018 04:53

Tgt Ion:276 Resp: 2667

Ion	Ratio	Lower	Upper
276	100		
138	34.3	23.0	34.4
277	32.3	22.0	33.0

