

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
 Data File : BN001059.D
 Acq On : 02 May 2018 08:07
 Operator : JU/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 02 08:49:42 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 02 08:29:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	131210	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	548147	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	269139	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	510618	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	464999	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	496099	20.00	ng/ul	0.01

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	537067	20.78	ng/ul	0.00
10) Fluorene-d10	15.25	176	343767	19.93	ng/ul	0.00
14) Anthracene-d10	17.10	188	482663	20.67	ng/ul	0.00
18) Pyrene-d10	19.41	212	484080	20.32	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	484906	20.69	ng/ul	0.01

Target Compounds

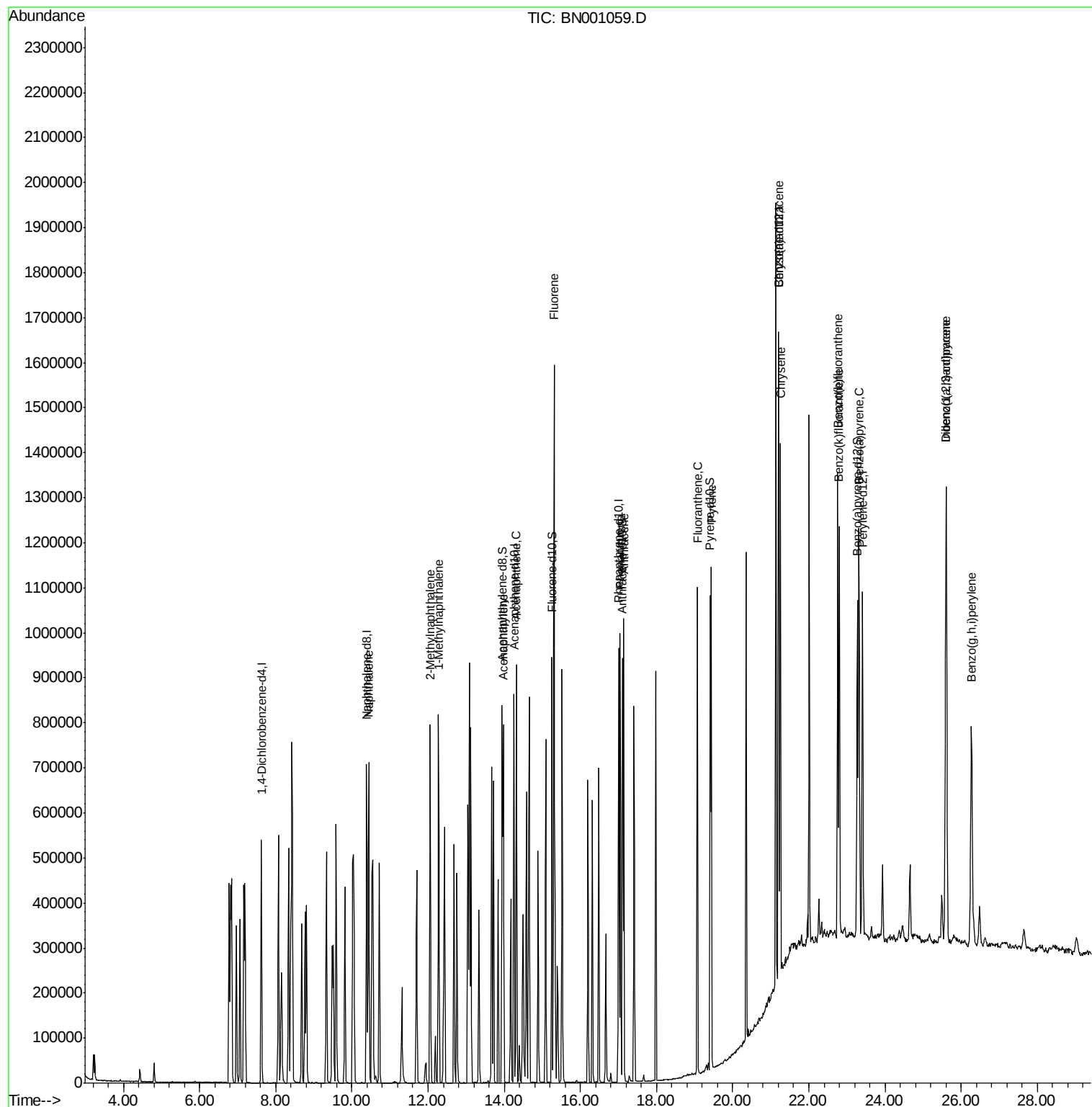
						Ovalue
3) Naphthalene	10.44	128	553342	20.030	ng/ul	99
4) 2-Methylnaphthalene	12.06	142	364396	19.770	ng/ul	97
5) 1-Methylnaphthalene	12.28	142	360926	19.964	ng/ul	92
8) Acenaphthylene	13.97	152	525094	20.525	ng/ul	99
9) Acenaphthene	14.32	153	359623	20.346	ng/ul	95
11) Fluorene	15.31	166	378369	20.108	ng/ul	93
13) Phenanthrene	17.05	178	553748	19.884	ng/ul	100
15) Anthracene	17.14	178	565589	20.248	ng/ul	99
16) Fluoranthene	19.07	202	589330	20.857	ng/ul#	94
19) Pyrene	19.44	202	591011	19.788	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	559712	20.136	ng/ul	99
21) Chrysene	21.25	228	523015	20.019	ng/ul	98
23) Benzo(b)fluoranthene	22.76	252	547735	19.428	ng/ul#	97
24) Benzo(k)fluoranthene	22.80	252	564206	20.451	ng/ul	98
26) Benzo(a)pyrene	23.32	252	543520	20.172	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.60	276	657650	20.208	ng/ul#	86
28) Dibenzo(a,h)anthracene	25.61	278	554570	20.446	ng/ul#	96
29) Benzo(g,h,i)perylene	26.27	276	551074	20.246	ng/ul#	94

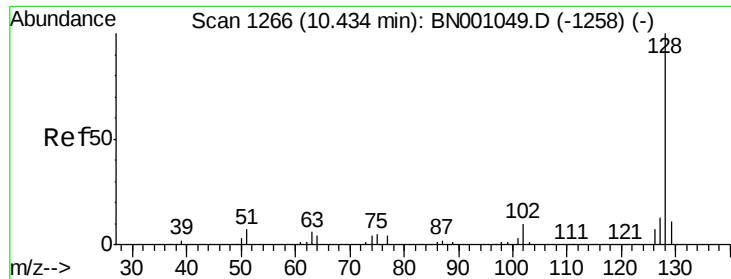
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001059.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 02 08:49:42 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 02 08:29:08 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 20.030 ng/ul

RT: 10.44 min Scan# 1267

Delta R.T. 0.01 min

Lab File: BN001059.D

Acq: 02 May 2018 08:07

Instrument :

BNA_N

ClientSampleId :

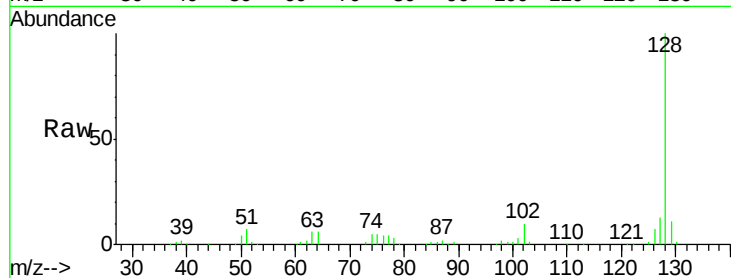
Tot Ion:128 Resp: 553342

Ion Ratio Lower Upper

128 100

129 10.6 8.7 13.1

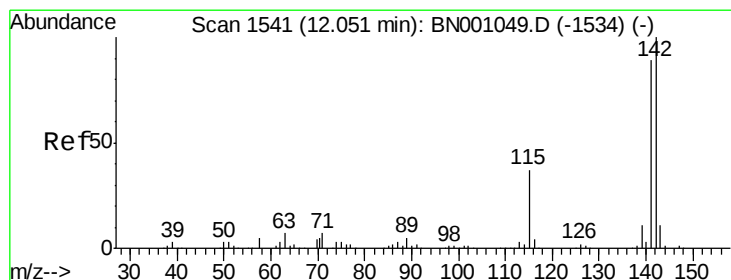
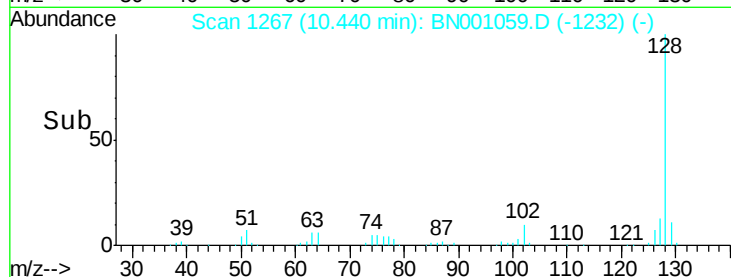
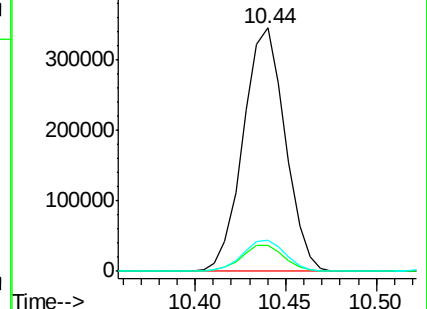
127 12.8 10.6 16.0



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



#4

2-Methylnaphthalene

Concen: 19.770 ng/ul

RT: 12.06 min Scan# 1542

Delta R.T. 0.01 min

Lab File: BN001059.D

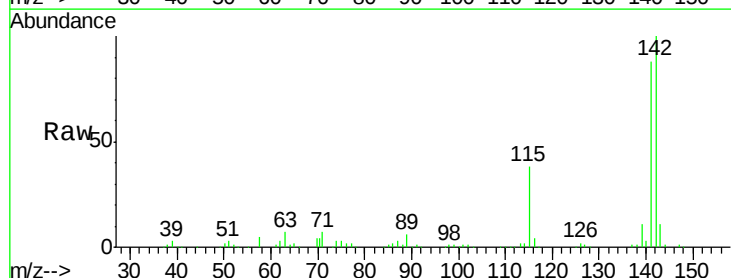
Acq: 02 May 2018 08:07

Tgt Ion:142 Resp: 364396

Ion Ratio Lower Upper

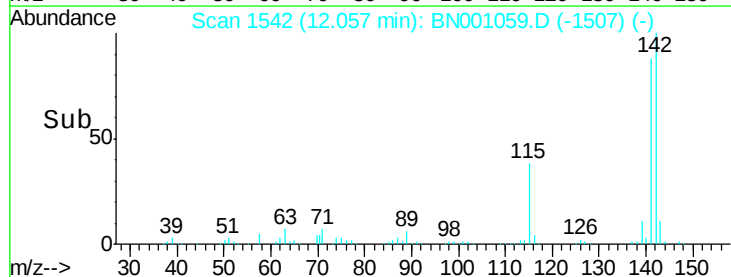
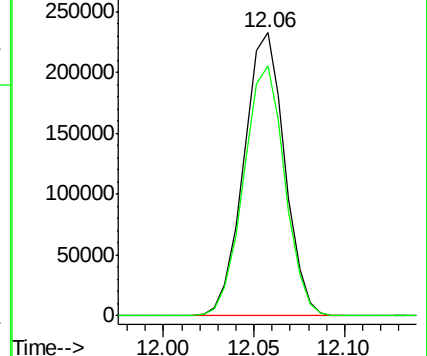
142 100

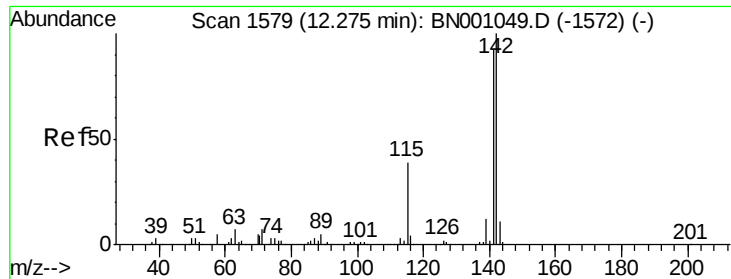
141 88.3 72.7 109.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#5

1-Methylnaphthalene

Concen: 19.964 ng/ul

RT: 12.28 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BN001059.D

Acq: 02 May 2018 08:07

Instrument :

BNA_N

ClientSampleId :

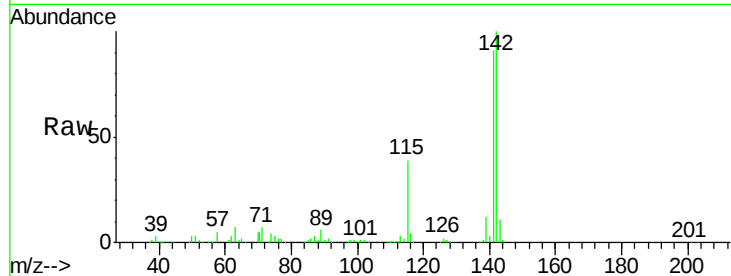
Tot Ion:142 Resp: 360926

Ion Ratio Lower Upper

142 100

141 91.2 79.3 118.9

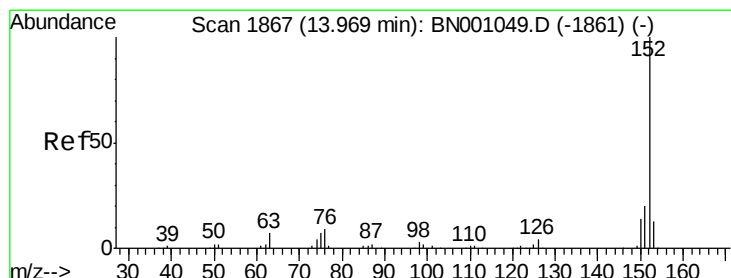
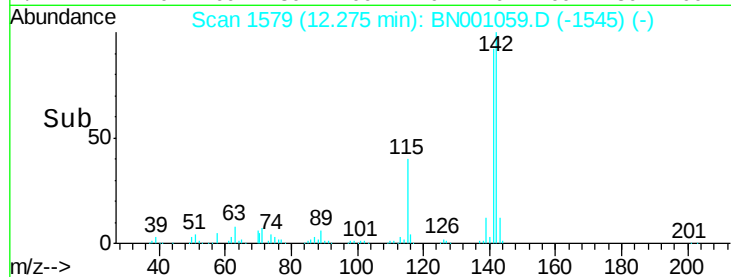
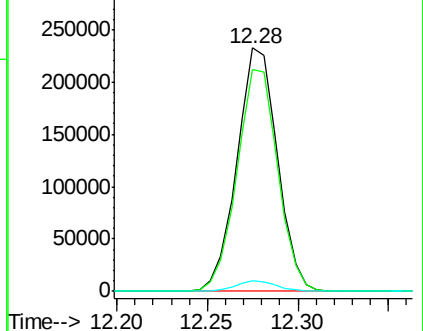
116 4.3 4.2 6.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#8

Acenaphthylene

Concen: 20.525 ng/ul

RT: 13.97 min Scan# 1868

Delta R.T. 0.01 min

Lab File: BN001059.D

Acq: 02 May 2018 08:07

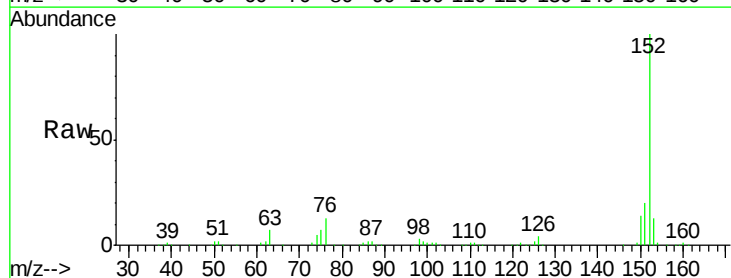
Tgt Ion:152 Resp: 525094

Ion Ratio Lower Upper

152 100

151 20.1 16.7 25.1

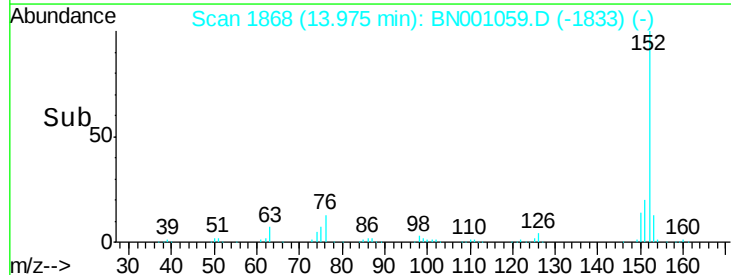
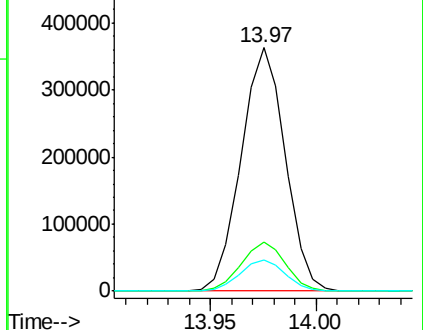
153 13.0 10.2 15.4

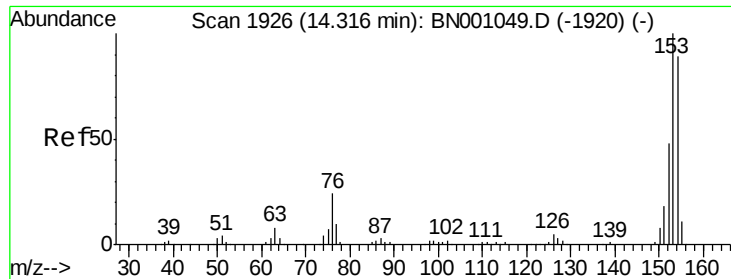


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Acenaphthene

Concen: 20.346 ng/ul

RT: 14.32 min Scan# 1927

Delta R.T. 0.01 min

Lab File: BN001059.D

Acq: 02 May 2018 08:07

Instrument :

BNA_N

ClientSampleId :

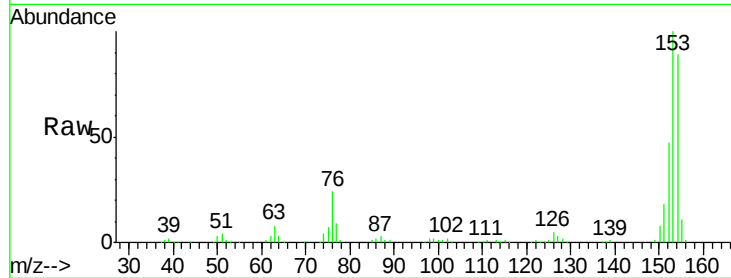
Tot Ion:153 Resp: 359623

Ion Ratio Lower Upper

153 100

152 46.6 39.0 58.6

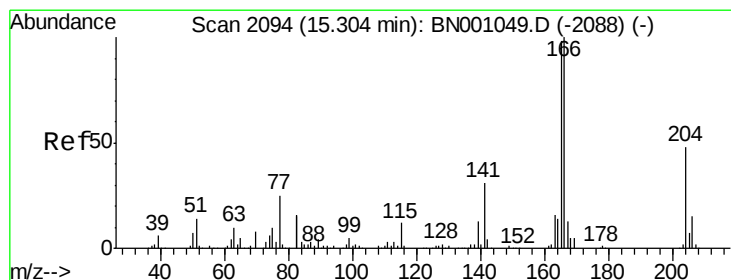
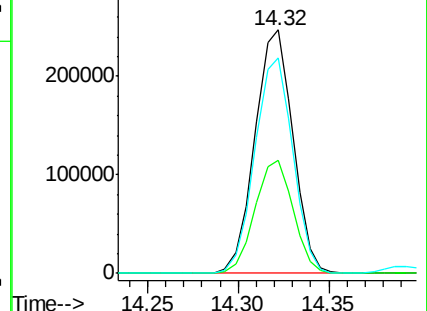
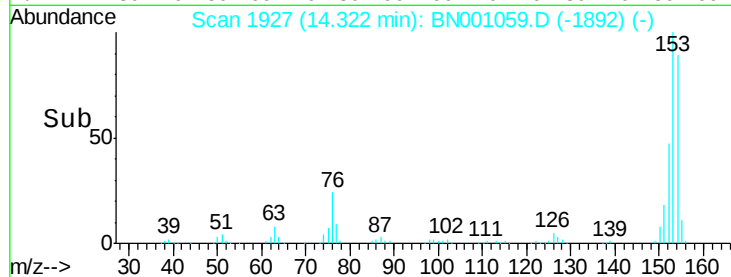
154 88.5 66.8 100.2



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



#11

Fluorene

Concen: 20.108 ng/ul

RT: 15.31 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BN001059.D

Acq: 02 May 2018 08:07

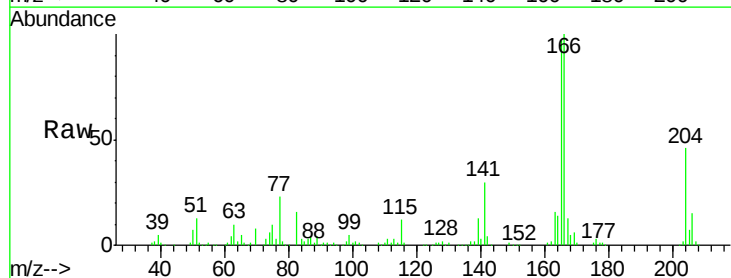
Tgt Ion:166 Resp: 378369

Ion Ratio Lower Upper

166 100

165 97.4 83.8 125.8

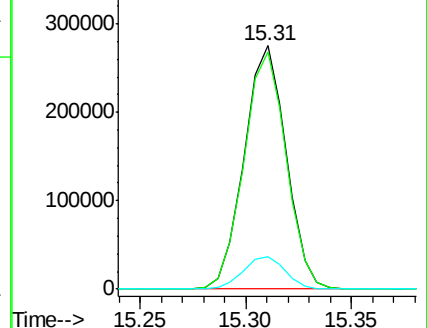
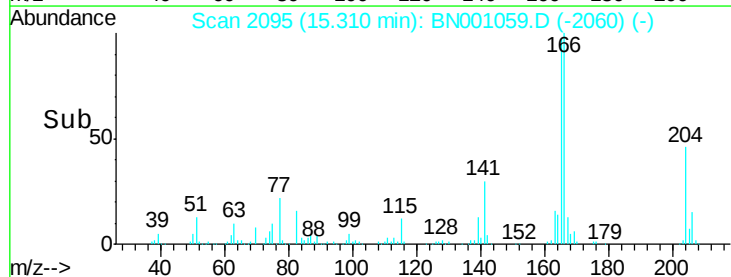
167 13.3 11.5 17.3

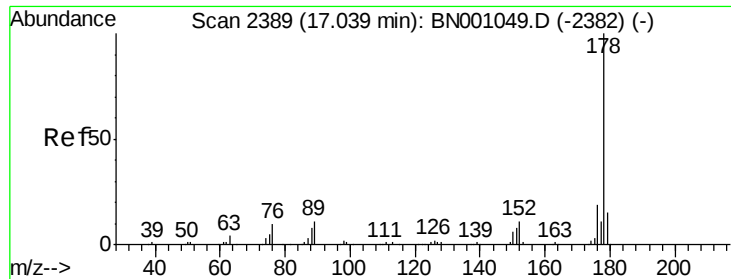


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

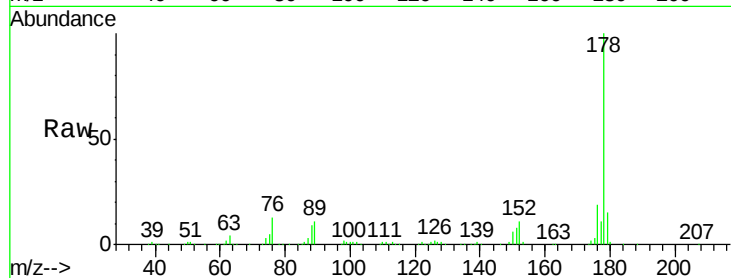




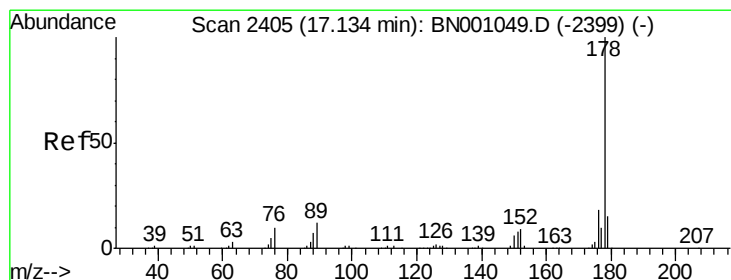
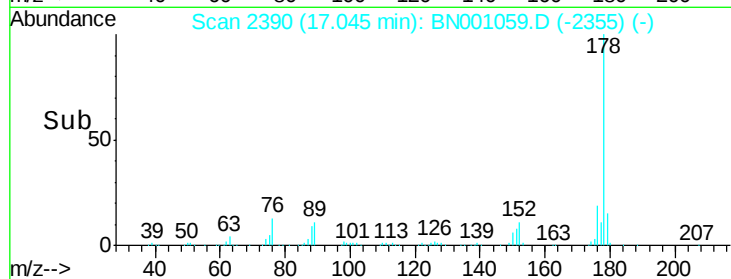
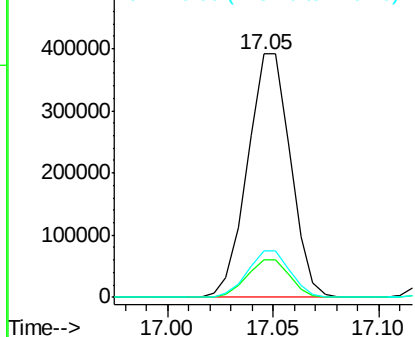
#13
Phenanthrene
Concen: 19.884 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.01 min
Lab File: BN001059.D
Acq: 02 May 2018 08:07

Instrument :
BNA_N
ClientSampled :

Tot Ion:178 Resp: 553748
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.2 15.1 22.7

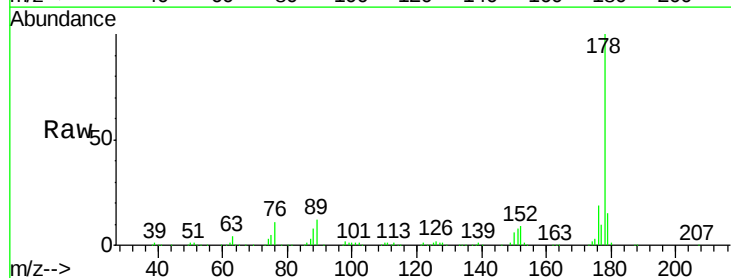


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

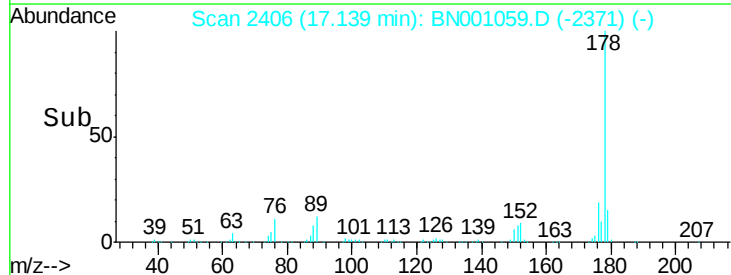
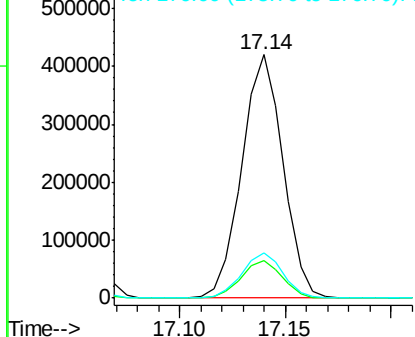


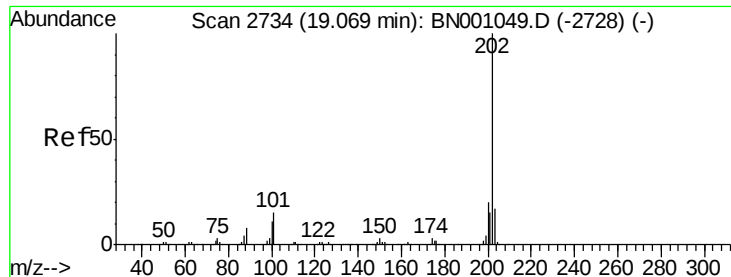
#15
Anthracene
Concen: 20.248 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. 0.01 min
Lab File: BN001059.D
Acq: 02 May 2018 08:07

Tgt Ion:178 Resp: 565589
Ion Ratio Lower Upper
178 100
179 15.5 11.8 17.8
176 18.8 15.2 22.8



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

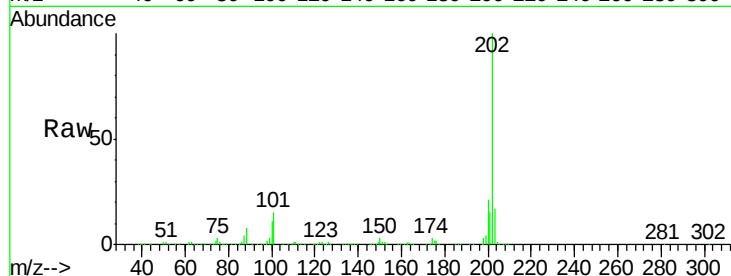




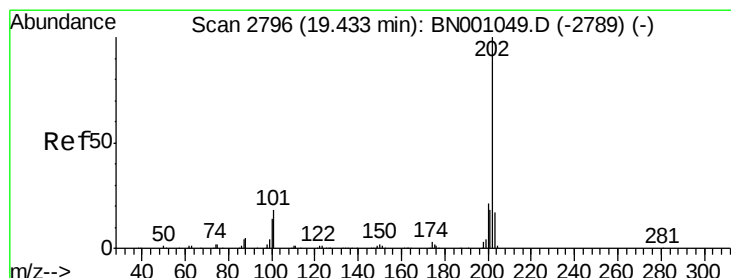
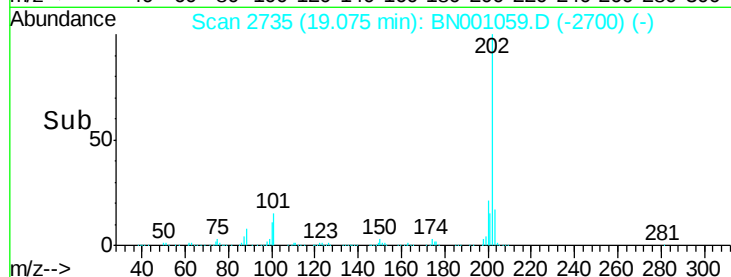
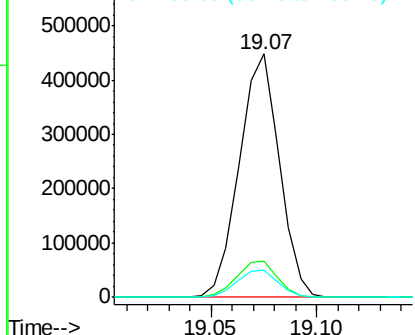
#16
Fluoranthene
Concen: 20.857 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. 0.01 min
Lab File: BN001059.D
Acq: 02 May 2018 08:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.0	9.9	14.9#
100	11.0	7.4	11.0

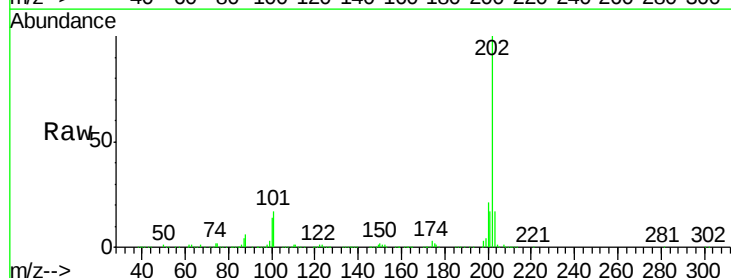


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

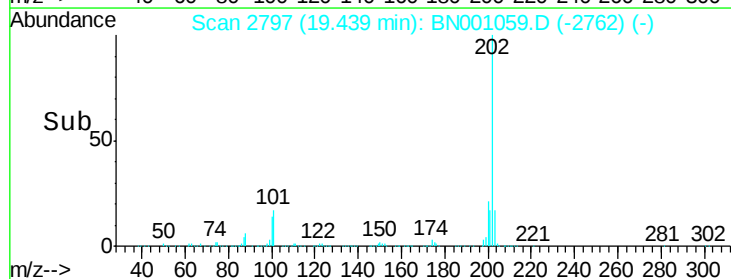
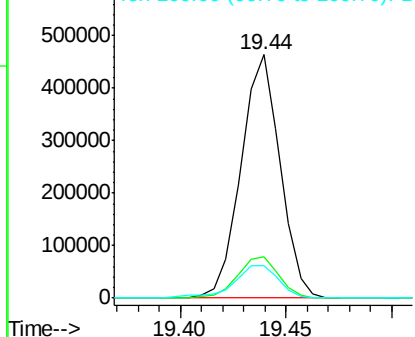


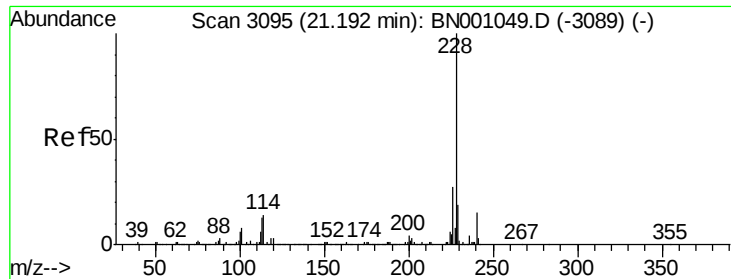
#19
Pyrene
Concen: 19.788 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.01 min
Lab File: BN001059.D
Acq: 02 May 2018 08:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.1	11.0	16.4#
100	13.5	8.1	12.1#



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





#20

Benzo(a)anthracene

Concen: 20.136 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BN001059.D

Acq: 02 May 2018 08:07

Instrument :

BNA_N

ClientSampleId :

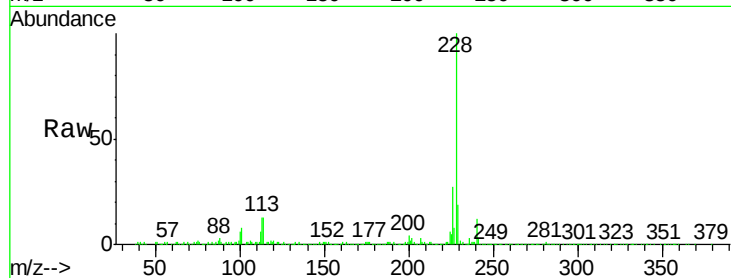
Tot Ion:228 Resp: 559712

Ion Ratio Lower Upper

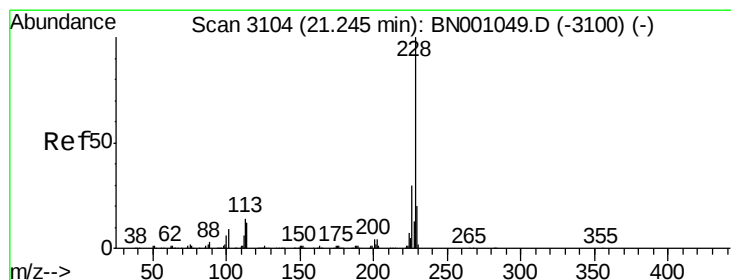
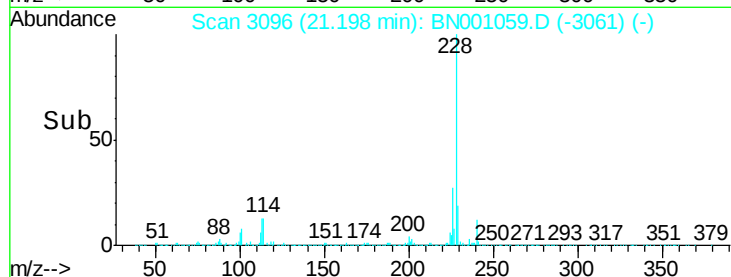
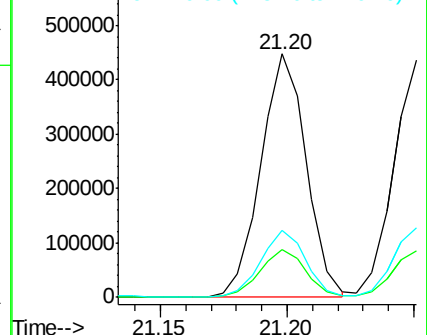
228 100

229 19.5 15.7 23.5

226 27.4 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



#21

Chrysene

Concen: 20.019 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BN001059.D

Acq: 02 May 2018 08:07

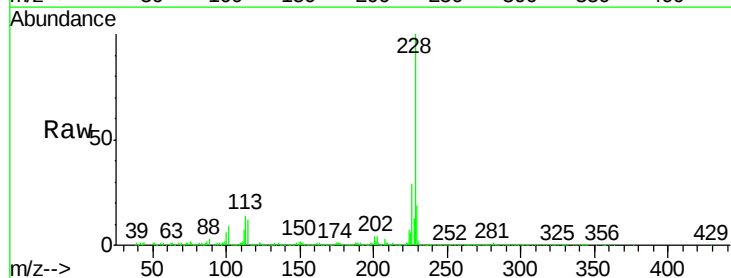
Tgt Ion:228 Resp: 523015

Ion Ratio Lower Upper

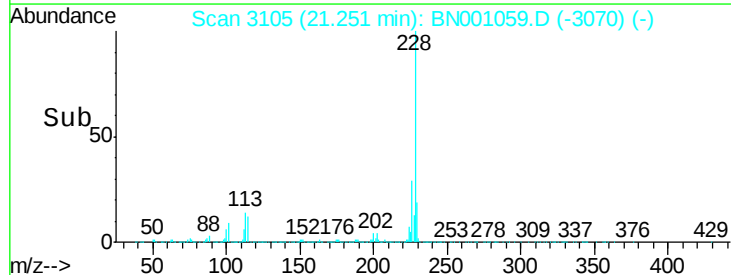
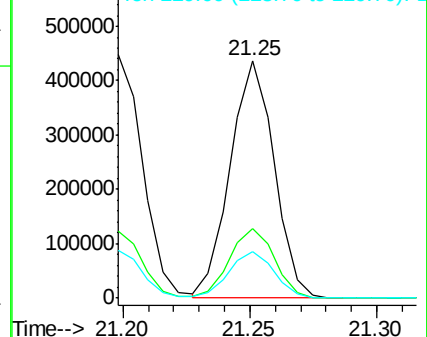
228 100

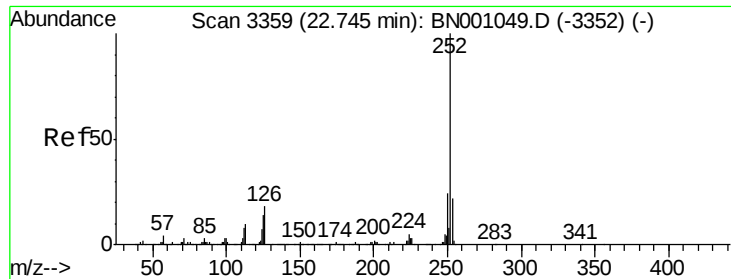
226 29.4 24.5 36.7

229 19.4 15.8 23.8



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

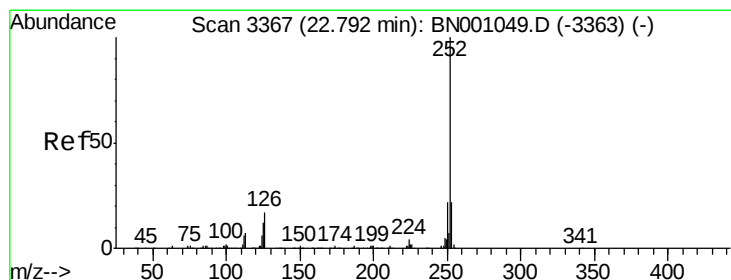
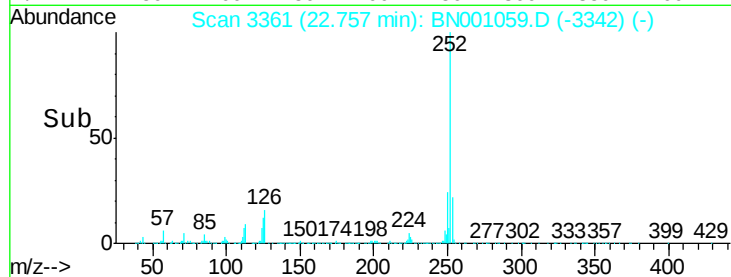
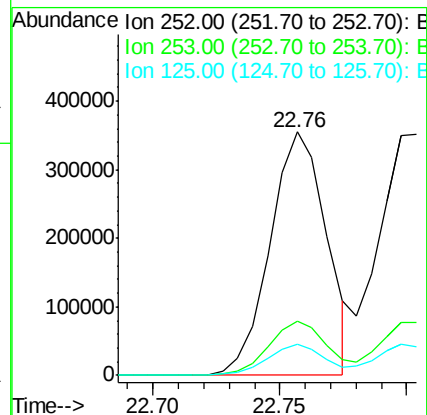
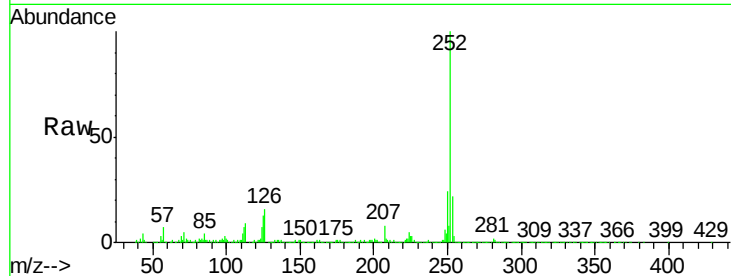




#23
Benzo(b)fluoranthene
Concen: 19.428 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. 0.01 min
Lab File: BN001059.D
Acq: 02 May 2018 08:07

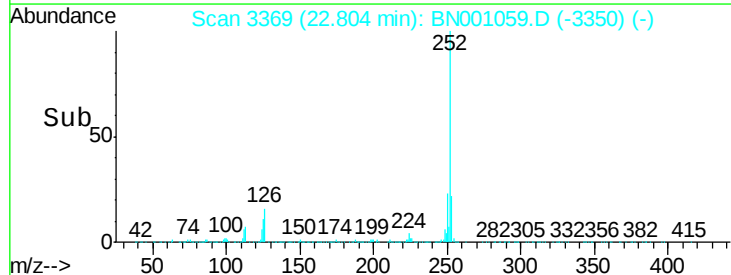
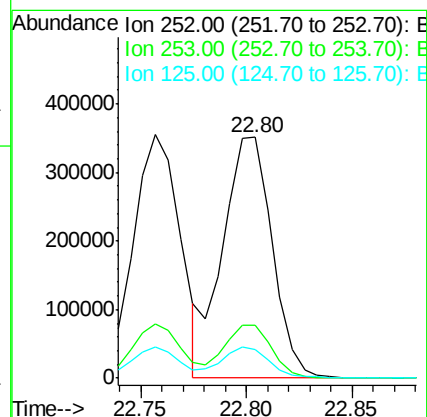
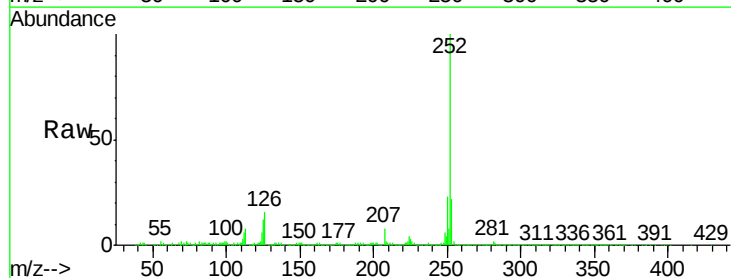
Instrument :
BNA_N
ClientSampleId :

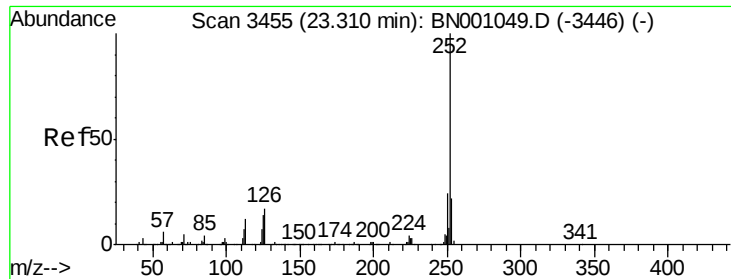
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	12.7	8.0	12.0#



#24
Benzo(k)fluoranthene
Concen: 20.451 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BN001059.D
Acq: 02 May 2018 08:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	11.8	8.1	12.1





#26

Benzo(a)pyrene

Concen: 20.172 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. 0.01 min

Lab File: BN001059.D

Acq: 02 May 2018 08:07

Instrument :

BNA_N

ClientSampleId :

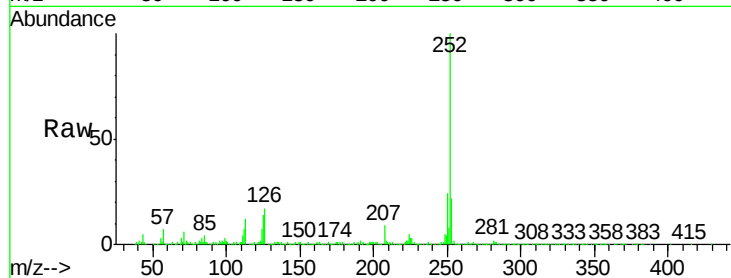
Tot Ion:252 Resp: 543520

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

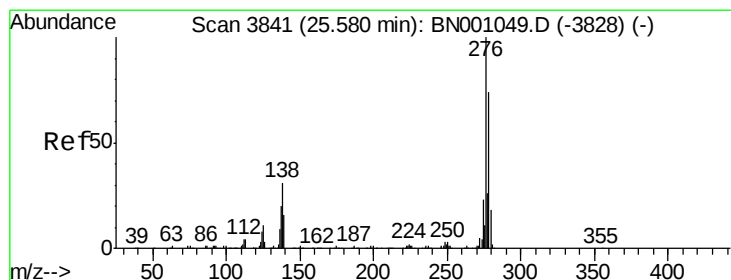
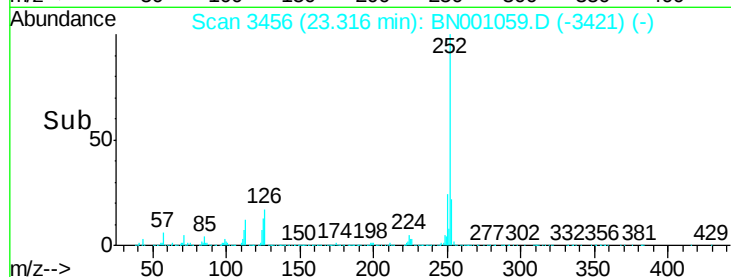
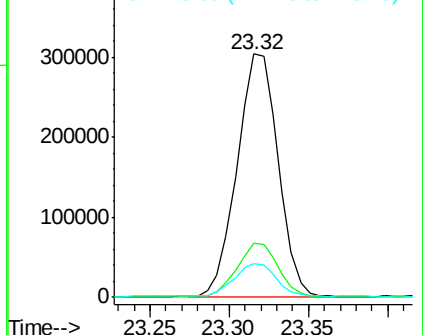
125 13.7 8.2 12.4#



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 20.208 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. 0.02 min

Lab File: BN001059.D

Acq: 02 May 2018 08:07

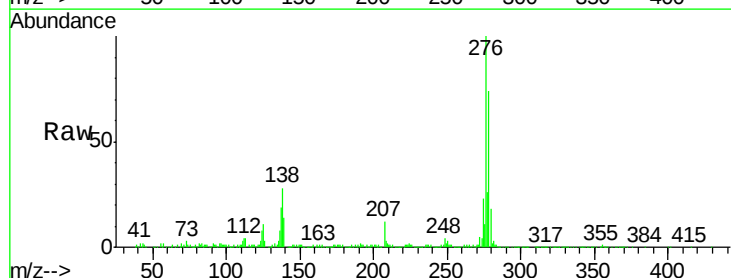
Tgt Ion:276 Resp: 657650

Ion Ratio Lower Upper

276 100

138 27.6 14.4 21.6#

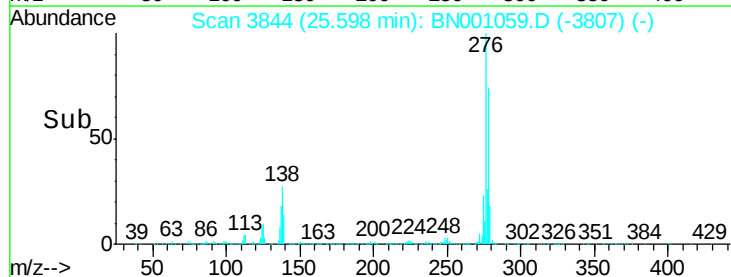
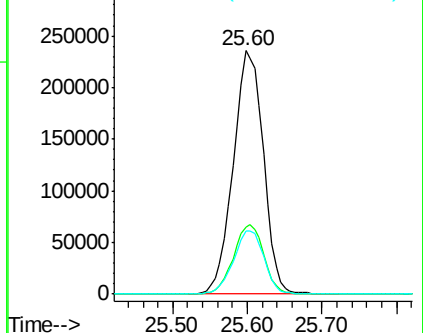
277 26.1 18.0 27.0

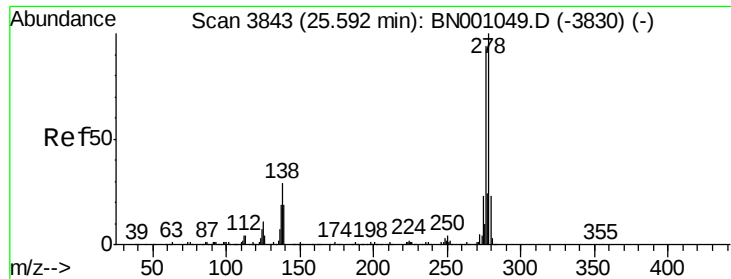


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Dibenzo(a,h)anthracene

Concen: 20.446 ng/ul

RT: 25.61 min Scan# 3846

Delta R.T. 0.02 min

Lab File: BN001059.D

Acq: 02 May 2018 08:07

Instrument :

BNA_N

ClientSampled :

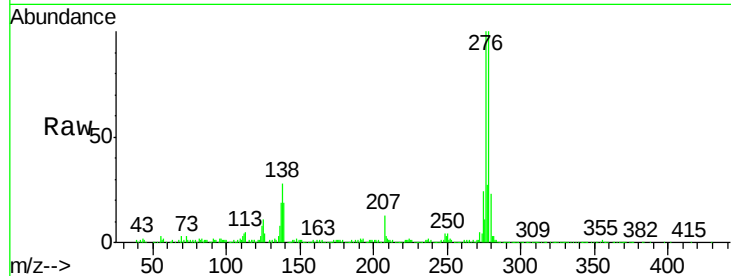
Tot Ion:278 Resp: 554570

Ion Ratio Lower Upper

278 100

139 18.5 12.2 18.4#

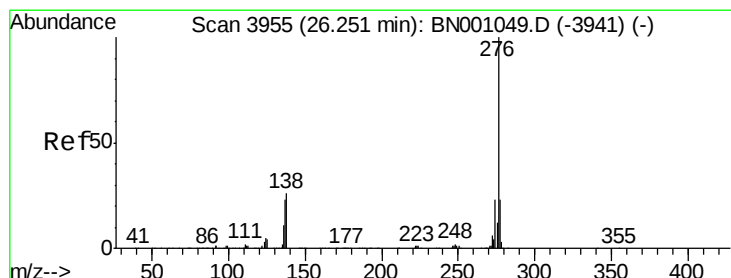
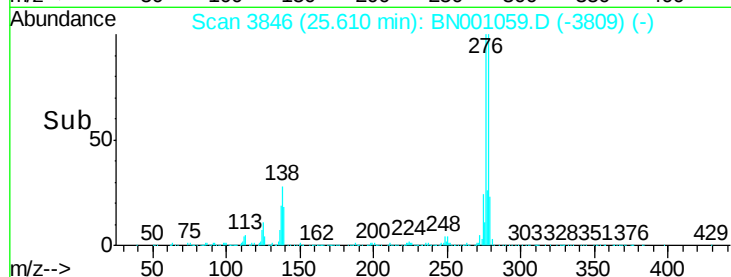
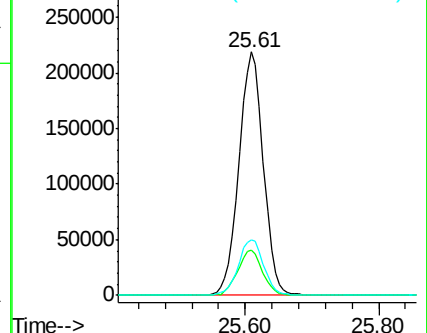
279 23.0 19.2 28.8



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



#29

Benzo(g,h,i)perylene

Concen: 20.246 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. 0.02 min

Lab File: BN001059.D

Acq: 02 May 2018 08:07

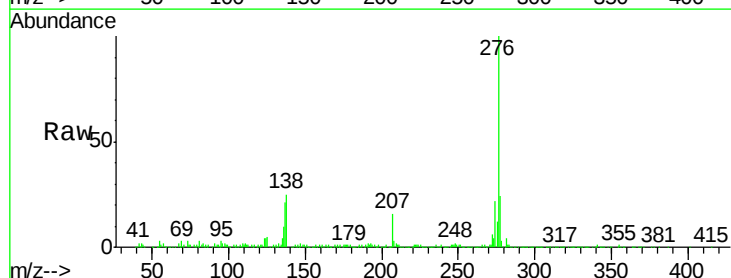
Tgt Ion:276 Resp: 551074

Ion Ratio Lower Upper

276 100

138 25.1 15.3 22.9#

277 23.9 19.0 28.4



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

