

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000365.D
 Acq On : 14 Mar 2018 09:36
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 15 06:36:16 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 08:11:44 2018
 Response via : Initial Calibration

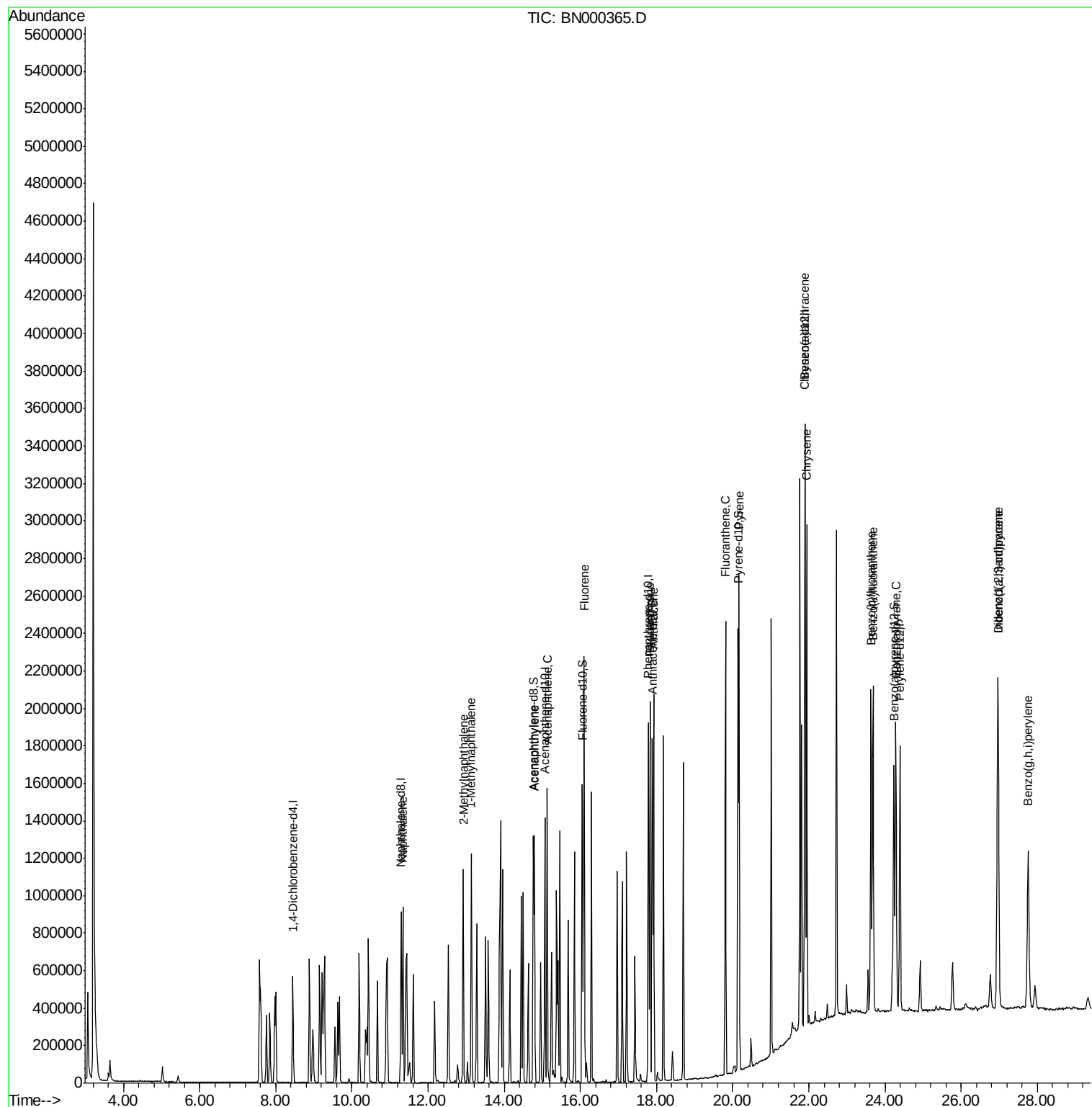
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	155327	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	771782	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	450015	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1038604	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1075287	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	989148	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	892216	19.98	ng/ul	0.00
10) Fluorene-d10	16.05	176	598382	19.78	ng/ul	0.00
14) Anthracene-d10	17.89	188	956216	19.70	ng/ul	0.00
18) Pyrene-d10	20.14	212	1107606	21.06	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	902736	19.99	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.34	128	783694	19.242	ng/ul	100
4) 2-Methylnaphthalene	12.92	142	545064	19.012	ng/ul	96
5) 1-Methylnaphthalene	13.13	142	550769	19.143	ng/ul#	93
8) Acenaphthylene	14.79	152	878033	19.563	ng/ul	99
9) Acenaphthene	15.13	153	606109	19.402	ng/ul	95
11) Fluorene	16.10	166	688314	19.978	ng/ul	94
13) Phenanthrene	17.83	178	1148008	19.274	ng/ul	100
15) Anthracene	17.92	178	1198097	19.824	ng/ul	100
16) Fluoranthene	19.81	202	1380278	21.448	ng/ul#	94
19) Pyrene	20.17	202	1416462	20.864	ng/ul#	90
20) Benzo(a)anthracene	21.89	228	1322191	19.779	ng/ul	99
21) Chrysene	21.94	228	1235659	19.478	ng/ul	98
23) Benzo(b)fluoranthene	23.63	252	1173837	19.901	ng/ul#	96
24) Benzo(k)fluoranthene	23.69	252	1092231	19.783	ng/ul#	97
26) Benzo(a)pyrene	24.29	252	1101865	19.628	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	26.96	276	1224777	20.235	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.97	278	1023886	20.638	ng/ul#	94
29) Benzo(a,h,i)perylene	27.76	276	1020563	20.194	ng/ul#	89

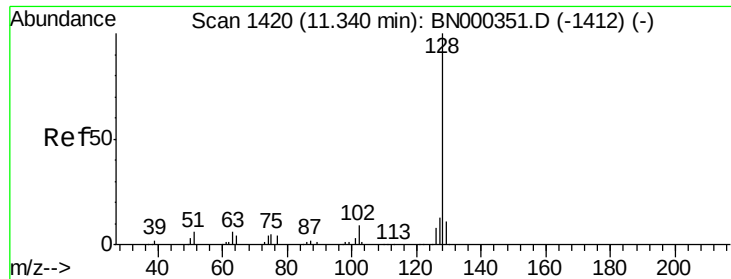
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
Data File : BN000365.D
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Sample : SSTDCCC020
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 15 06:36:16 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
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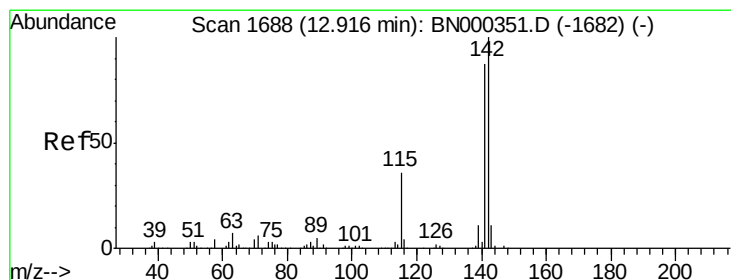
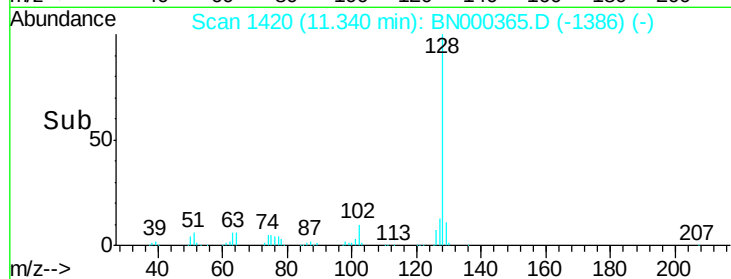
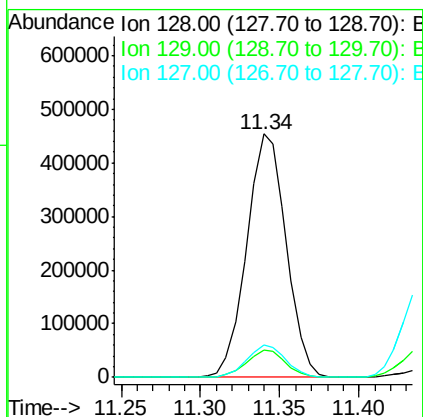
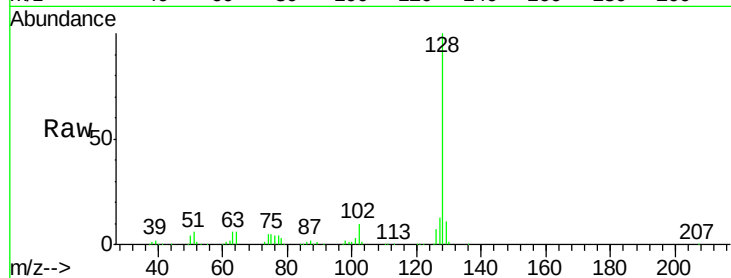




#3
Naphthalene
Concen: 19.242 ng/ul
RT: 11.34 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BN000365.D
Acq: 14 Mar 2018 09:36

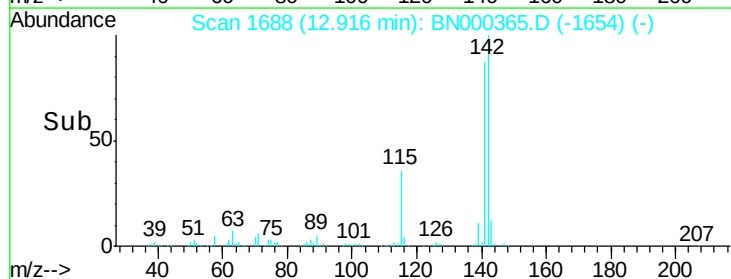
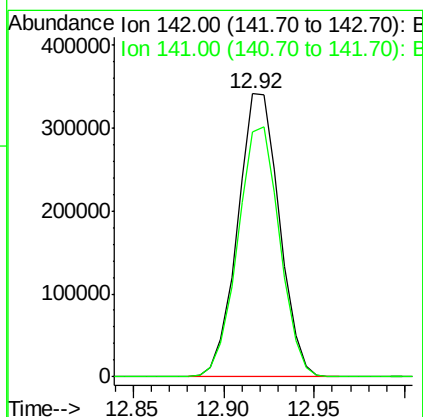
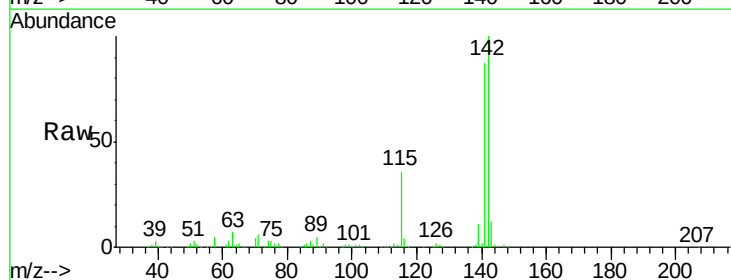
Instrument :
BNA_N
ClientSampleId :

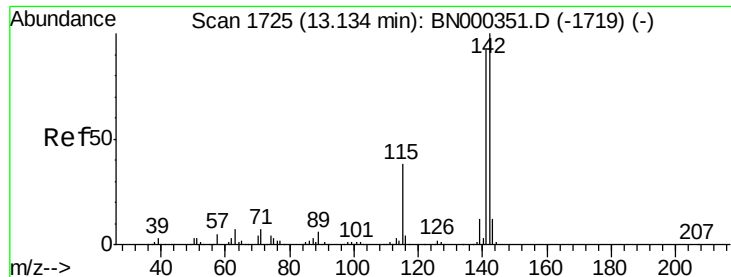
Tot Ion:128 Resp: 783694
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.5 10.6 16.0



#4
2-Methylnaphthalene
Concen: 19.012 ng/ul
RT: 12.92 min Scan# 1688
Delta R.T. -0.00 min
Lab File: BN000365.D
Acq: 14 Mar 2018 09:36

Tgt Ion:142 Resp: 545064
Ion Ratio Lower Upper
142 100
141 86.7 72.7 109.1





#5

1-Methylnaphthalene

Concen: 19.143 ng/ul

RT: 13.13 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BN000365.D

Acq: 14 Mar 2018 09:36

Instrument :

BNA_N

ClientSampleId :

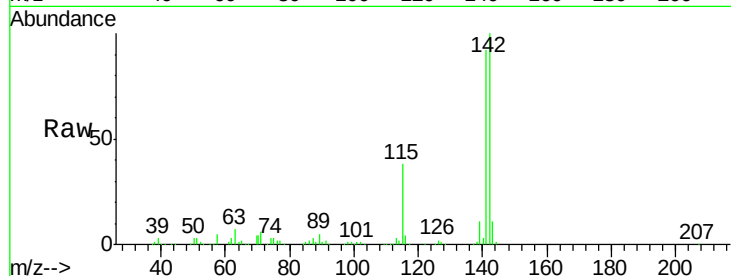
Tot Ion:142 Resp: 550769

Ion Ratio Lower Upper

142 100

141 92.4 79.3 118.9

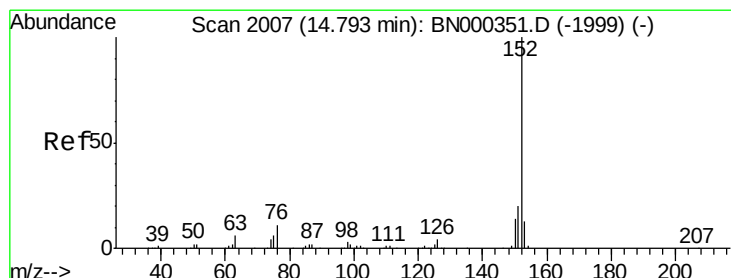
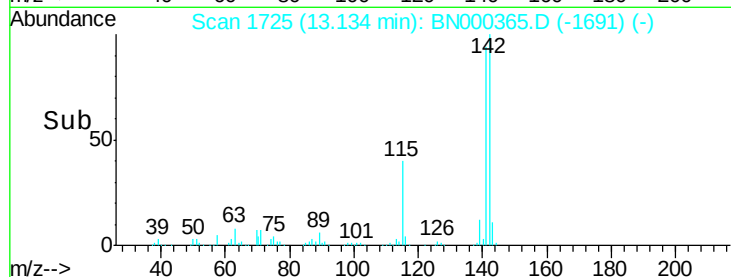
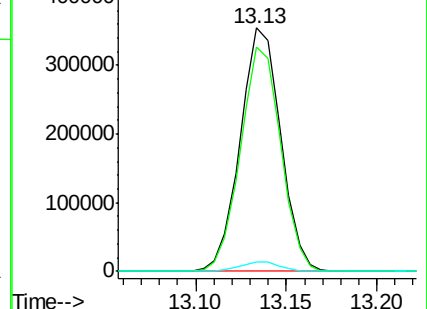
116 4.1 4.2 6.2#



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: 19.563 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN000365.D

Acq: 14 Mar 2018 09:36

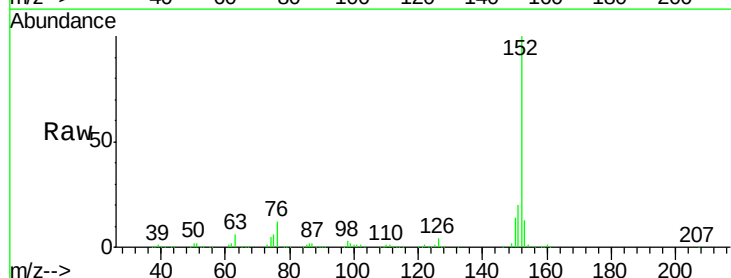
Tgt Ion:152 Resp: 878033

Ion Ratio Lower Upper

152 100

151 20.0 16.7 25.1

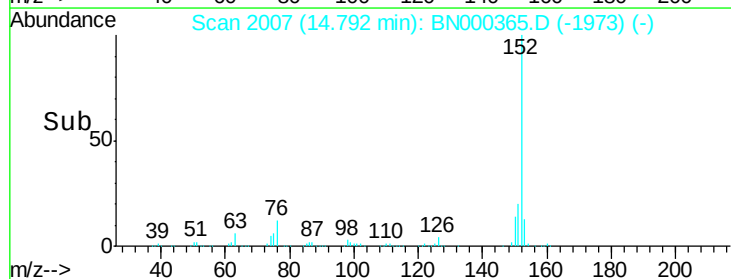
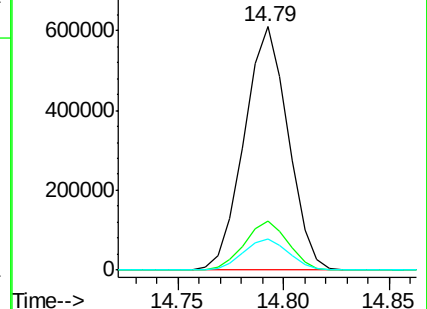
153 13.0 10.2 15.4

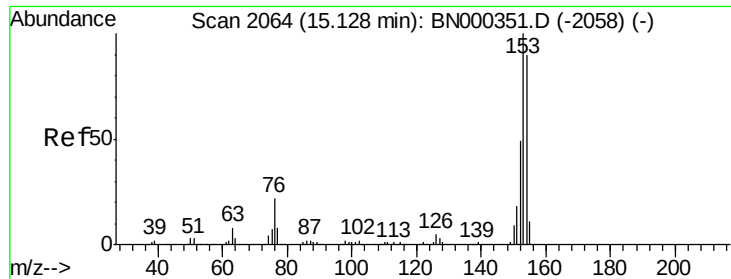


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Acenaphthene

Concen: 19.402 ng/ul

RT: 15.13 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BN000365.D

Acq: 14 Mar 2018 09:36

Instrument :

BNA_N

ClientSampled :

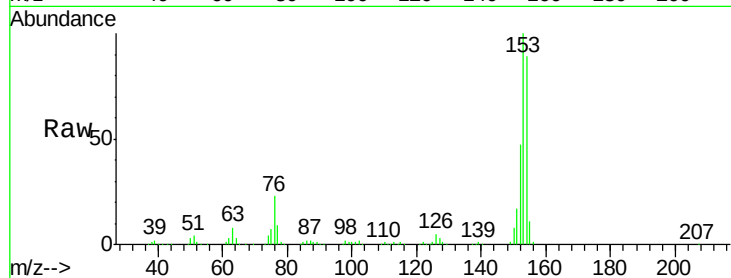
Tot Ion:153 Resp: 606109

Ion Ratio Lower Upper

153 100

152 47.2 39.0 58.6

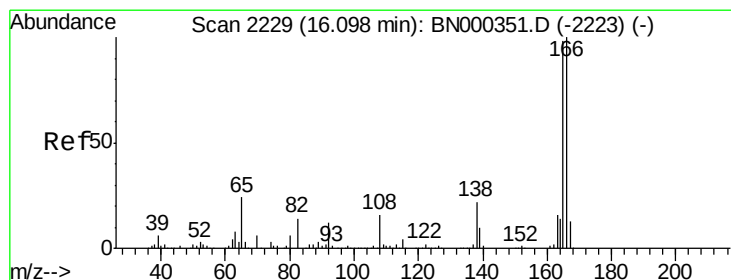
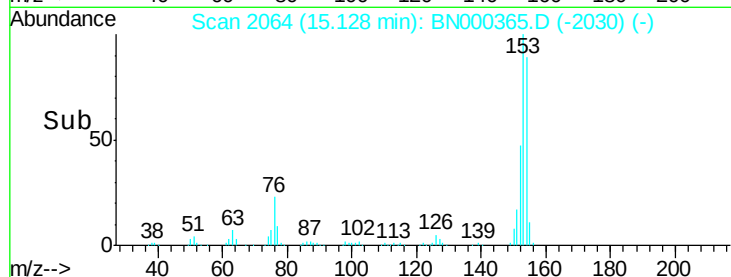
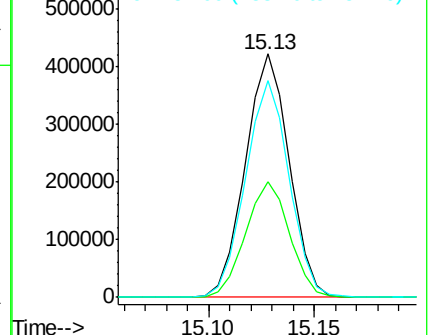
154 88.8 66.8 100.2



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: 19.978 ng/ul

RT: 16.10 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BN000365.D

Acq: 14 Mar 2018 09:36

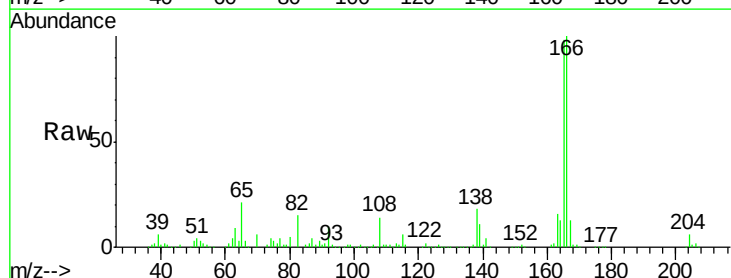
Tgt Ion:166 Resp: 688314

Ion Ratio Lower Upper

166 100

165 98.0 83.8 125.8

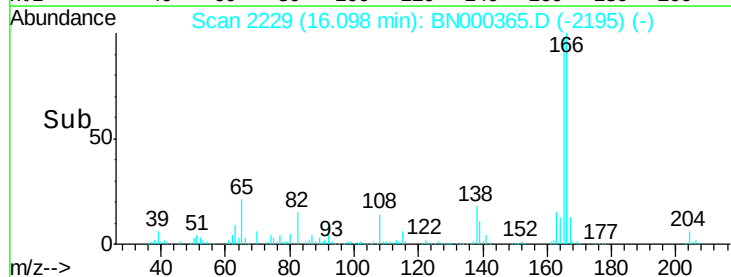
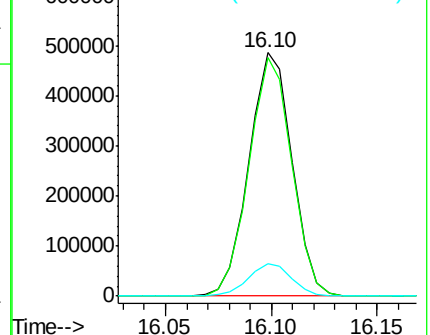
167 13.1 11.5 17.3

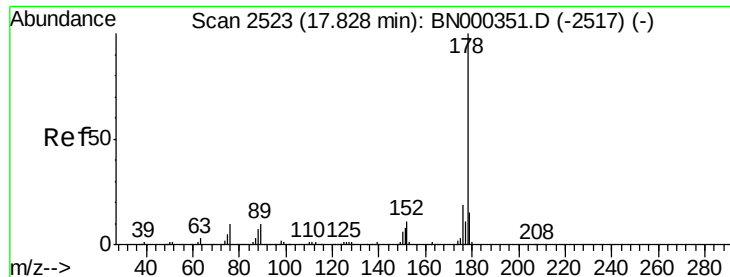


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

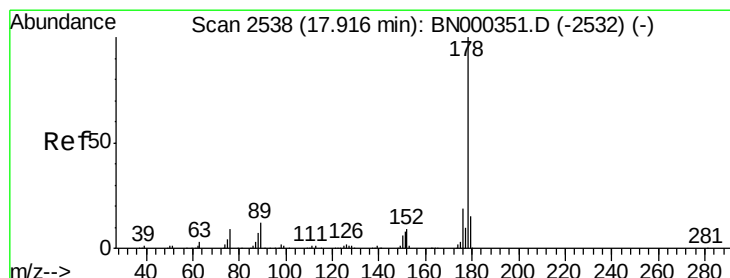
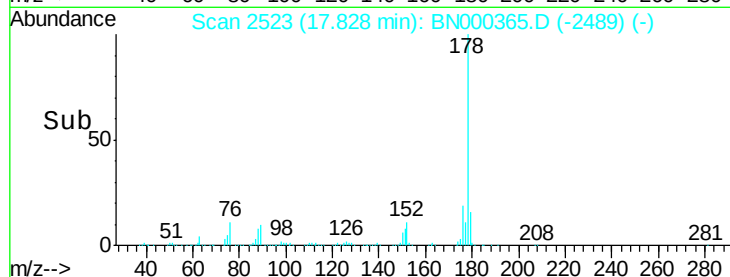
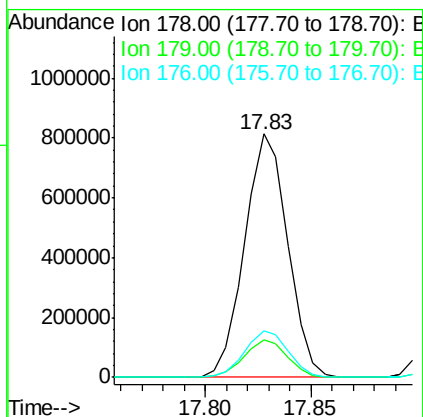
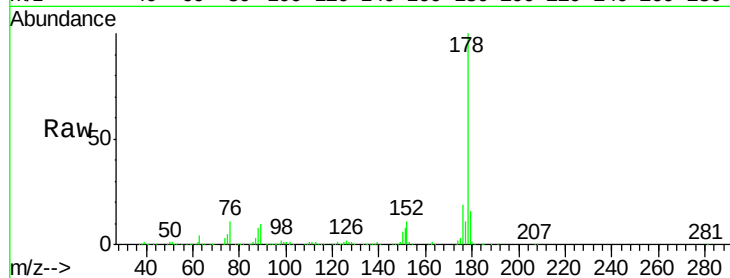




#13
Phenanthrene
Concen: 19.274 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000365.D
Acq: 14 Mar 2018 09:36

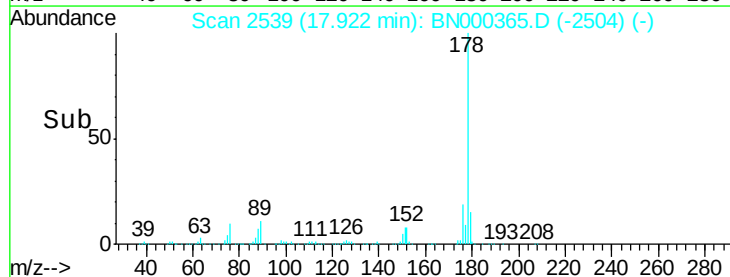
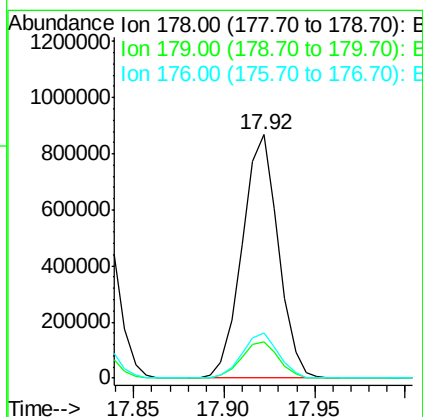
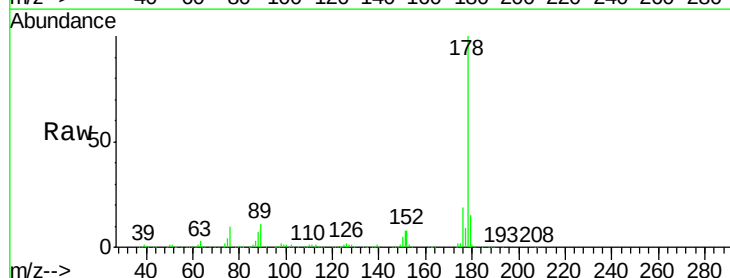
Instrument :
BNA_N
ClientSampled :

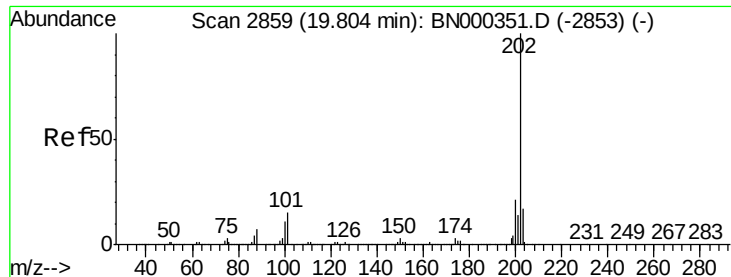
Tot Ion:178 Resp: 1148008
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.0 15.1 22.7



#15
Anthracene
Concen: 19.824 ng/ul
RT: 17.92 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BN000365.D
Acq: 14 Mar 2018 09:36

Tgt Ion:178 Resp: 1198097
Ion Ratio Lower Upper
178 100
179 15.0 11.8 17.8
176 18.8 15.2 22.8

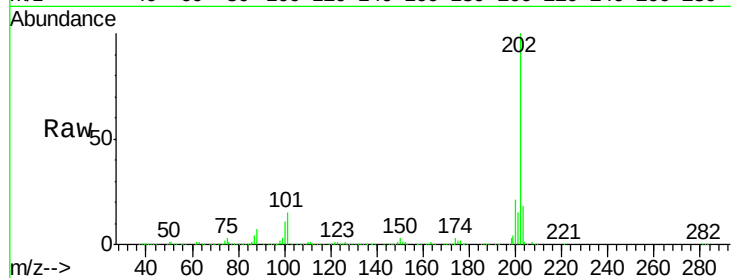




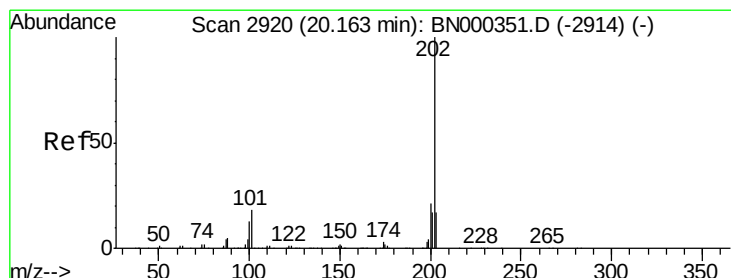
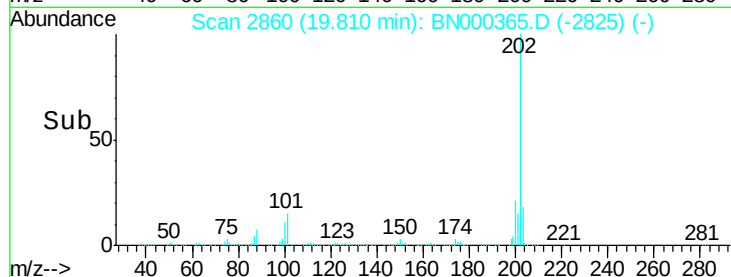
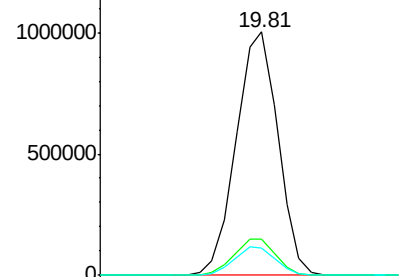
#16
 Fluoranthene
 Concen: 21.448 ng/ul
 RT: 19.81 min Scan# 2860
 Delta R.T. 0.01 min
 Lab File: BN000365.D
 Acq: 14 Mar 2018 09:36

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:202 Resp: 1380278
 Ion Ratio Lower Upper
 202 100
 101 14.7 9.9 14.9
 100 11.4 7.4 11.0#

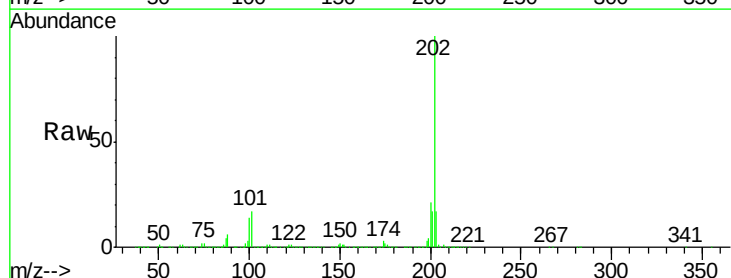


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

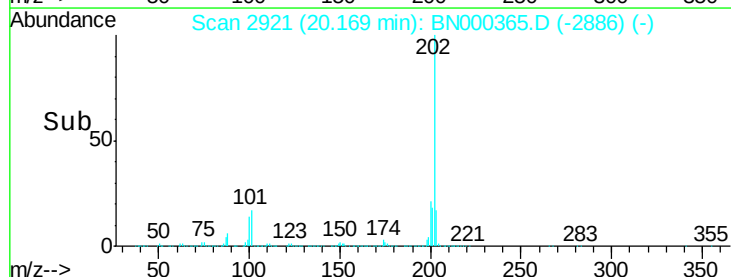
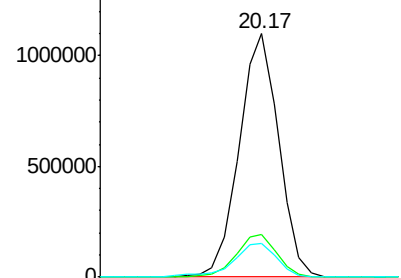


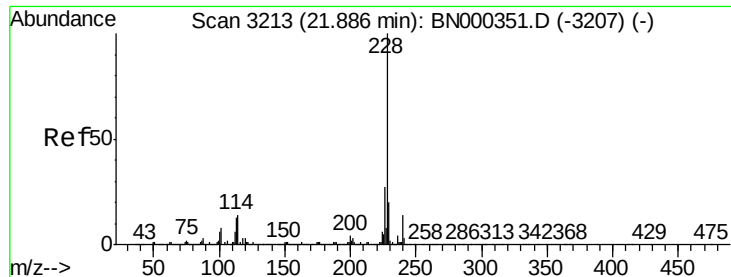
#19
 Pyrene
 Concen: 20.864 ng/ul
 RT: 20.17 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BN000365.D
 Acq: 14 Mar 2018 09:36

Tgt Ion:202 Resp: 1416462
 Ion Ratio Lower Upper
 202 100
 101 17.4 11.0 16.4#
 100 14.1 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: 19.779 ng/ul

RT: 21.89 min Scan# 3214

Delta R.T. 0.01 min

Lab File: BN000365.D

Acq: 14 Mar 2018 09:36

Instrument :

BNA_N

ClientSampleId :

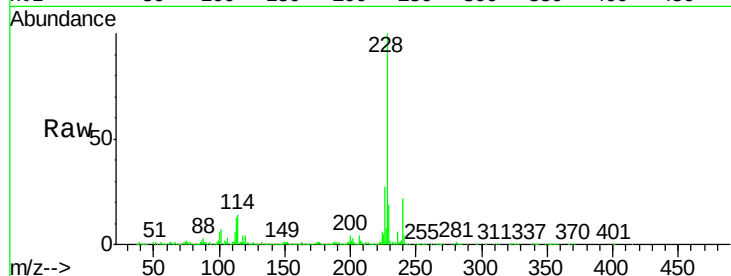
Tot Ion:228 Resp: 1322191

Ion Ratio Lower Upper

228 100

229 19.3 15.7 23.5

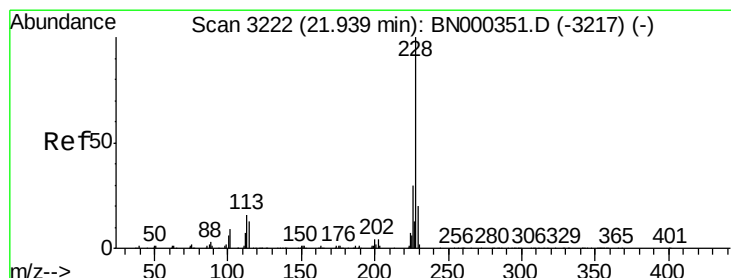
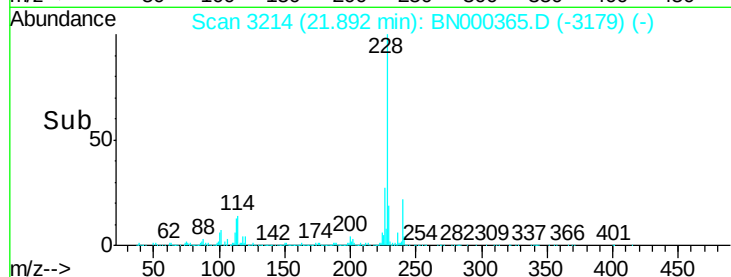
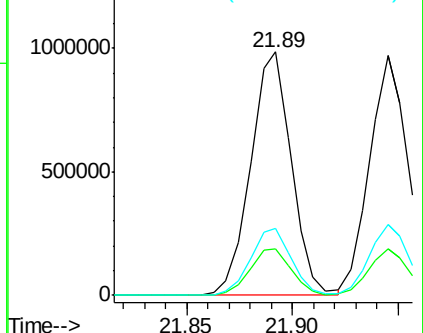
226 27.3 21.1 31.7



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: 19.478 ng/ul

RT: 21.94 min Scan# 3223

Delta R.T. 0.01 min

Lab File: BN000365.D

Acq: 14 Mar 2018 09:36

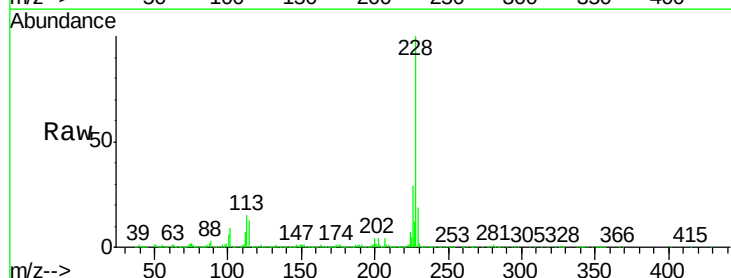
Tgt Ion:228 Resp: 1235659

Ion Ratio Lower Upper

228 100

226 29.4 24.5 36.7

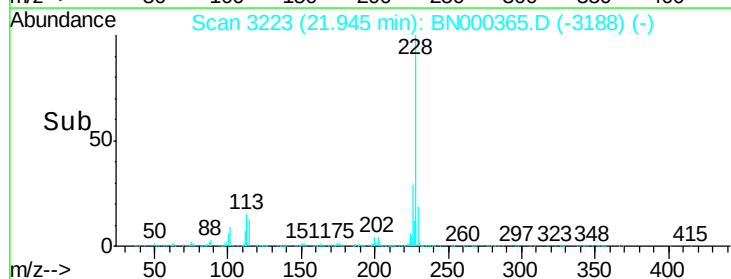
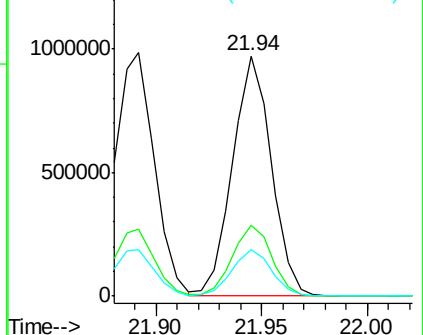
229 19.4 15.8 23.8

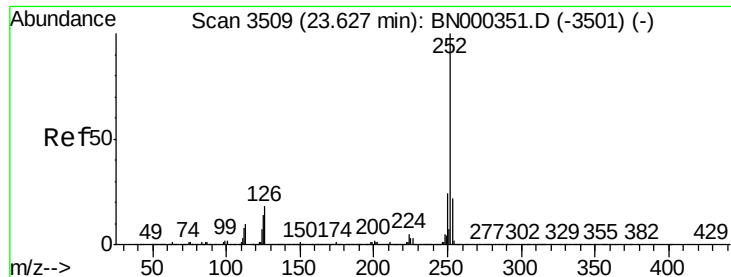


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 19.901 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. 0.01 min

Lab File: BN000365.D

Acq: 14 Mar 2018 09:36

Instrument :

BNA_N

ClientSampled :

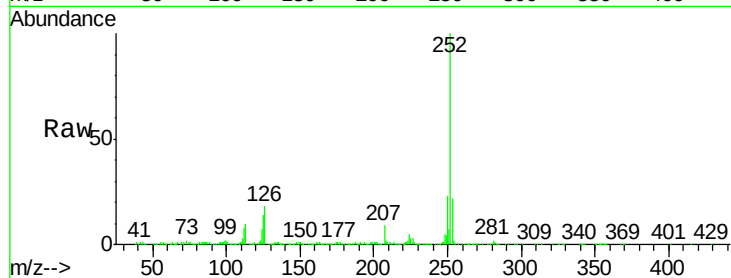
Tot Ion:252 Resp: 1173837

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

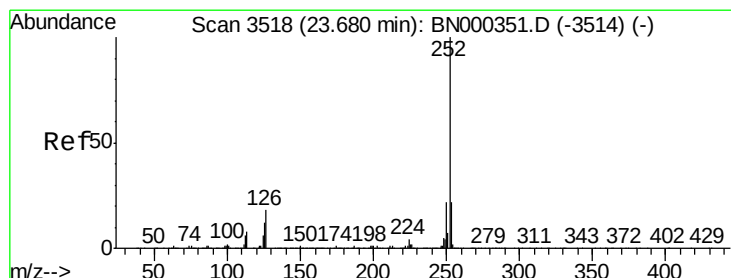
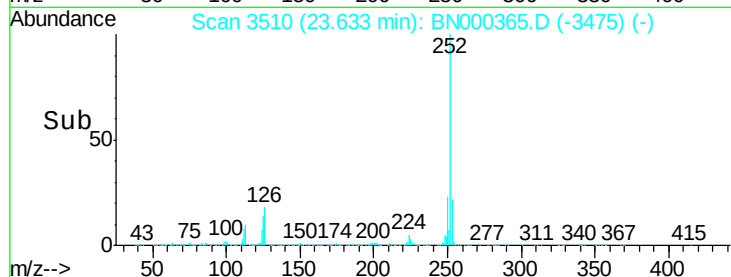
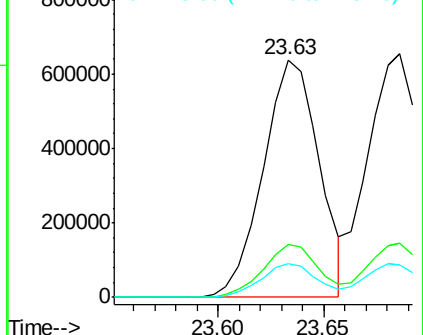
125 14.1 8.0 12.0#



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

Benzo(k)fluoranthene

Concen: 19.783 ng/ul

RT: 23.69 min Scan# 3519

Delta R.T. 0.01 min

Lab File: BN000365.D

Acq: 14 Mar 2018 09:36

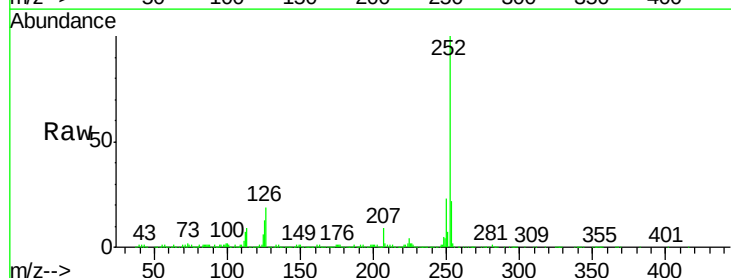
Tgt Ion:252 Resp: 1092231

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

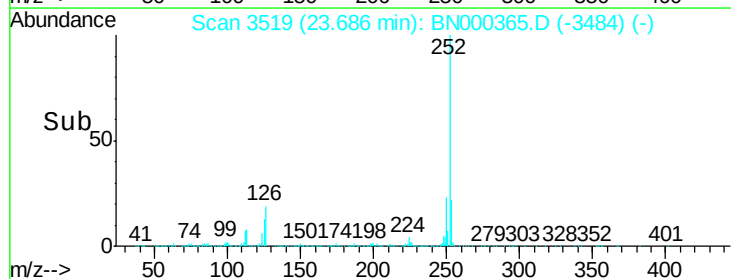
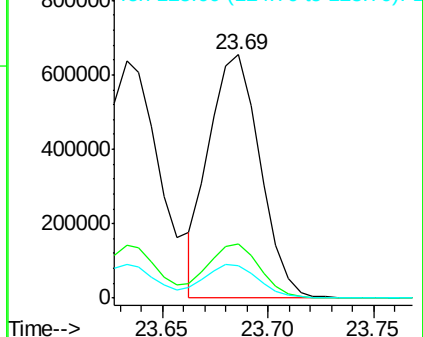
125 13.5 8.1 12.1#

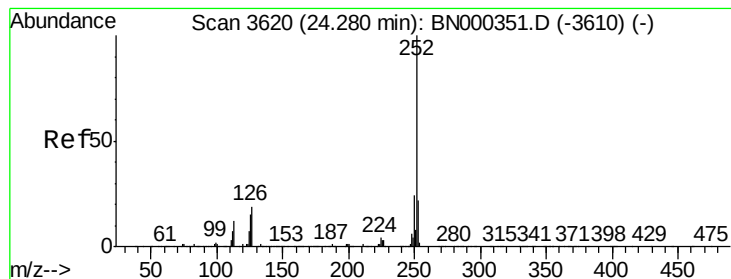


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 19.628 ng/ul

RT: 24.29 min Scan# 3621

Delta R.T. 0.01 min

Lab File: BN000365.D

Acq: 14 Mar 2018 09:36

Instrument :

BNA_N

ClientSampleId :

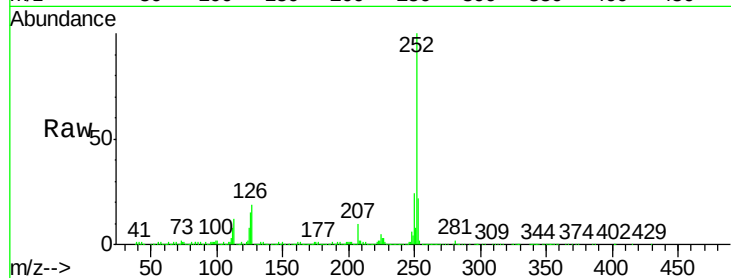
Tot Ion:252 Resp: 1101865

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

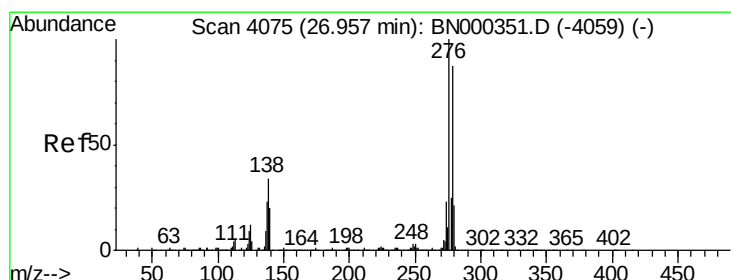
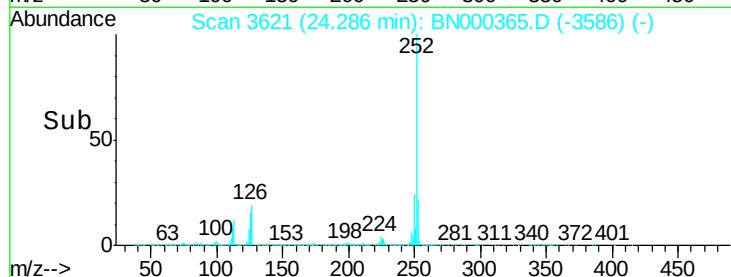
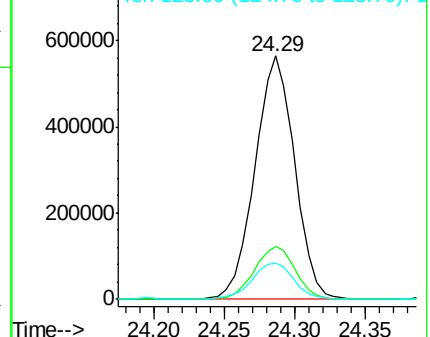
125 14.7 8.2 12.4#



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: 20.235 ng/ul

RT: 26.96 min Scan# 4076

Delta R.T. 0.01 min

Lab File: BN000365.D

Acq: 14 Mar 2018 09:36

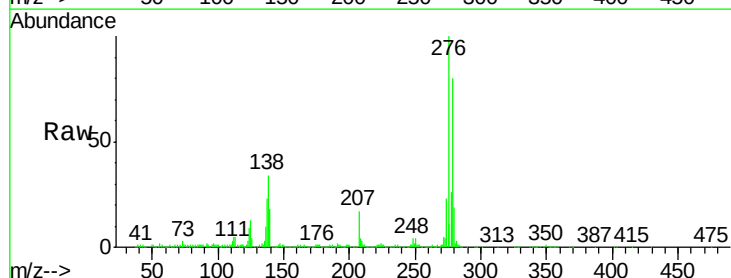
Tgt Ion:276 Resp: 1224777

Ion Ratio Lower Upper

276 100

138 34.3 14.4 21.6#

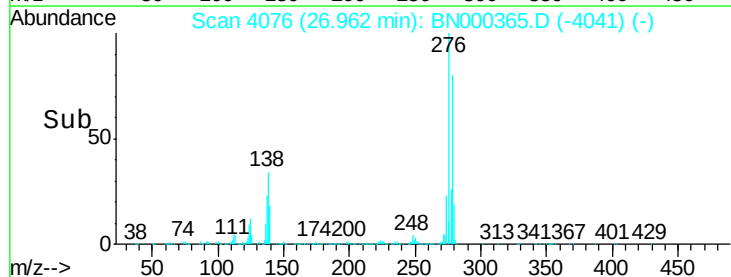
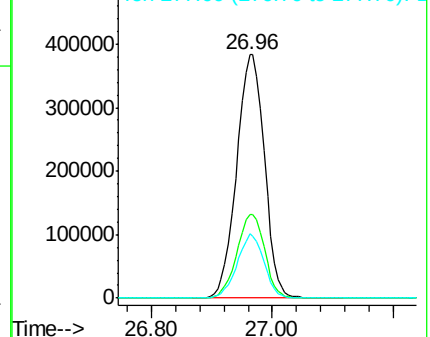
277 26.3 18.0 27.0

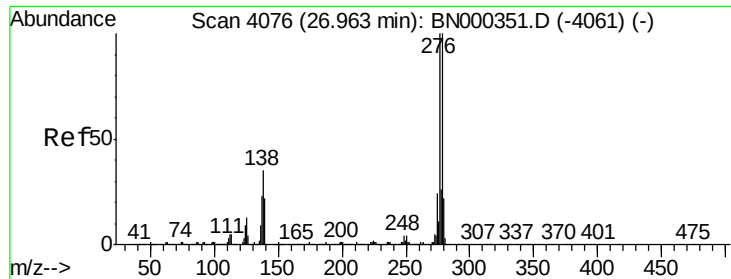


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Dibenzo(a,h)anthracene

Concen: 20.638 ng/ul

RT: 26.97 min Scan# 4078

Delta R.T. 0.01 min

Lab File: BN000365.D

Acq: 14 Mar 2018 09:36

Instrument :

BNA_N

ClientSampleId :

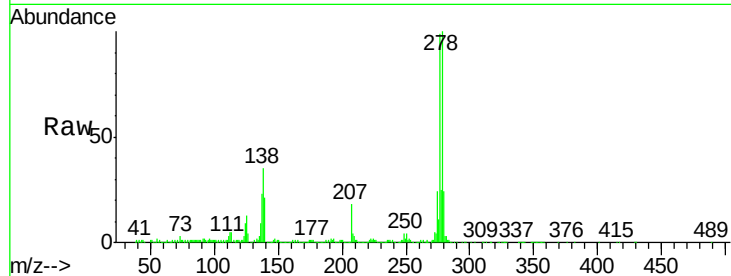
Tot Ion:278 Resp: 1023886

Ion Ratio Lower Upper

278 100

139 21.3 12.2 18.4#

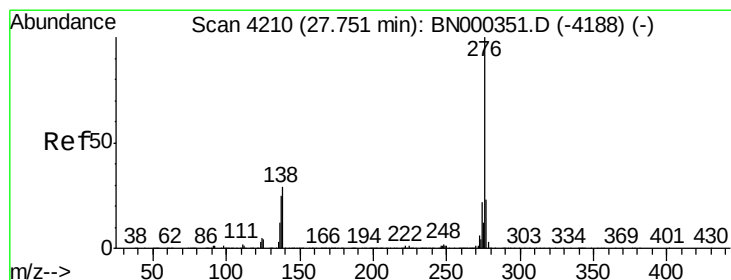
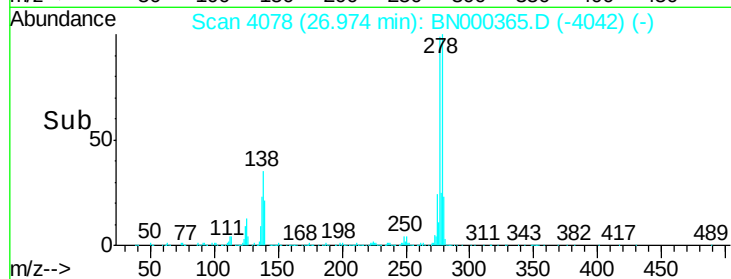
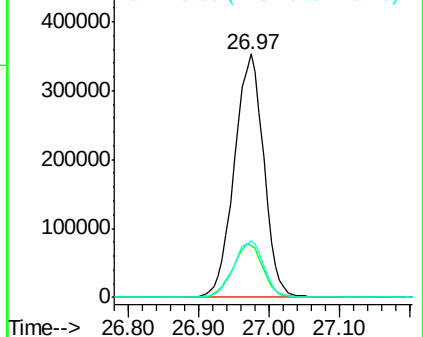
279 23.5 19.2 28.8



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: 20.194 ng/ul

RT: 27.76 min Scan# 4211

Delta R.T. 0.01 min

Lab File: BN000365.D

Acq: 14 Mar 2018 09:36

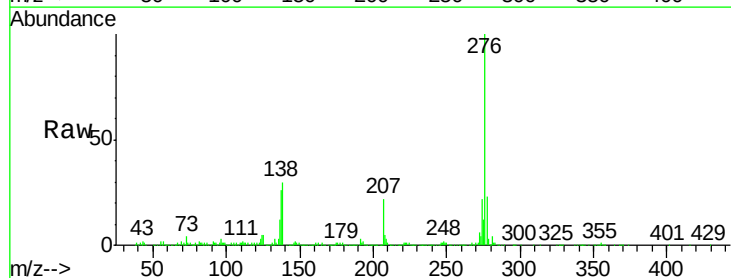
Tgt Ion:276 Resp: 1020563

Ion Ratio Lower Upper

276 100

138 30.1 15.3 22.9#

277 23.5 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

