

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009197.D
 Acq On : 11 Mar 2017 04:18
 Operator : SJ/MA
 Sample : I2072-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 11 04:48:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 11 02:23:19 2017
 Response via : Initial Calibration

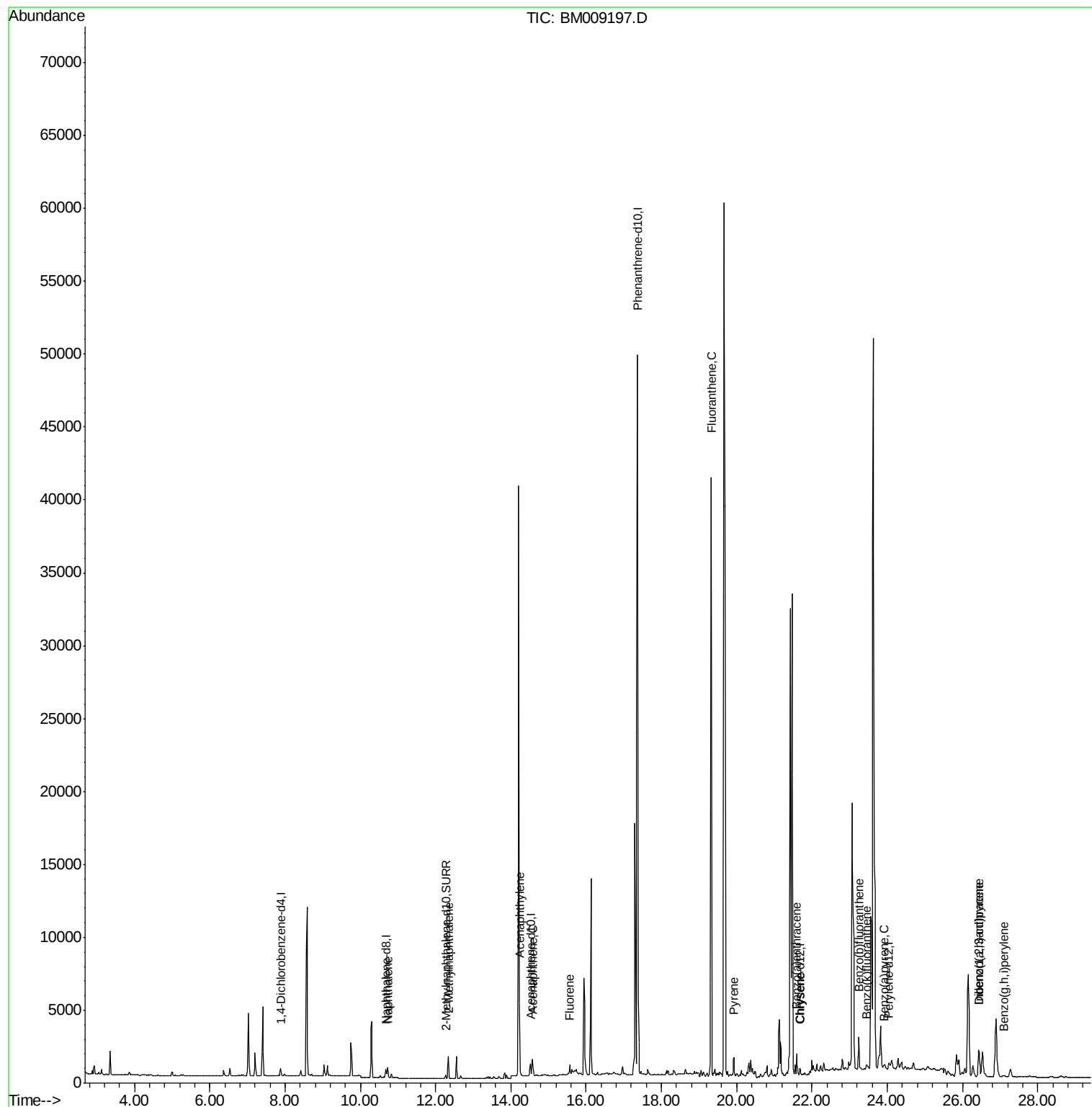
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	263	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	822	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	500	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	66472	0.40	ng/ul	0.10
16) Chrysene-d12	21.69	240	87	0.40	ng/ul	0.25
20) Perylene-d12	24.04	264	190	0.40	ng/ul	0.26
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	315	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	866	0.00	ng/ul	0.00
Target Compounds						
					Ovalue	
3) Naphthalene	10.73	128	693	0.29	ng/ul#	85
5) 2-Methylnaphthalene	12.34	142	1068	0.63	ng/ul	100
7) Acenaphthylene	14.23	152	311	0.12	ng/ul#	57
8) Acenaphthene	14.57	153	745	0.37	ng/ul	93
9) Fluorene	15.56	166	629	0.27	ng/ul#	80
15) Fluoranthene	19.33	202	46774	0.17	ng/ul	93
17) Pyrene	19.92	202	433	1.45	ng/ul#	1
18) Benzo(a)anthracene	21.60	228	1239	4.29	ng/ul#	49
19) Chrysene	21.68	228	175	0.64	ng/ul#	1
21) Benzo(b)fluoranthene	23.24	252	3237	4.34	ng/ul	94
22) Benzo(k)fluoranthene	23.45	252	405	0.61	ng/ul#	1
23) Benzo(a)pyrene	23.91	252	173	0.26	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.43	276	820	0.96	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.43	278	3098	4.32	ng/ul#	94
26) Benzo(g,h,i)perylene	27.11	276	160	0.22	ng/ul#	4

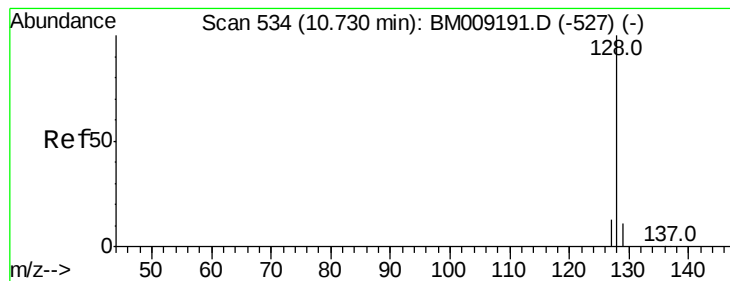
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_M
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#3

Naphthalene

Concen: 0.29 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009197.D

Acq: 11 Mar 2017 04:18

Instrument :

BNA_M

ClientSampleId :

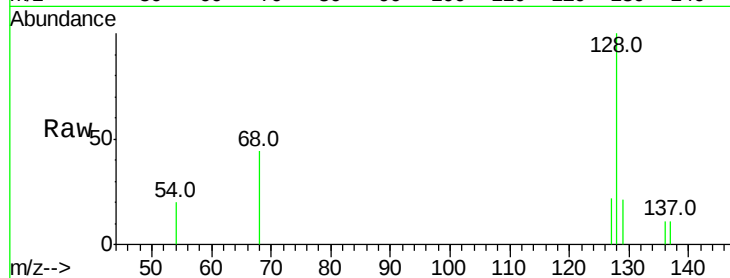
Tot Ion:128 Resp: 693

Ion Ratio Lower Upper

128 100

129 21.2 11.3 16.9#

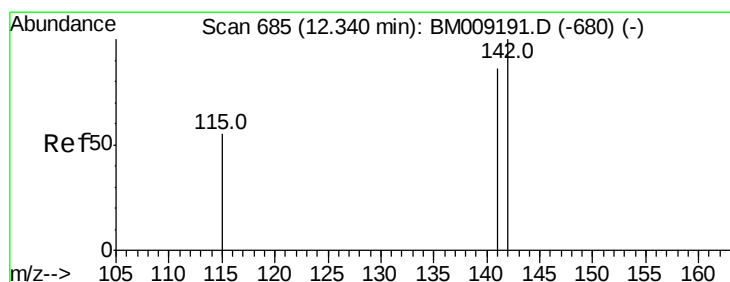
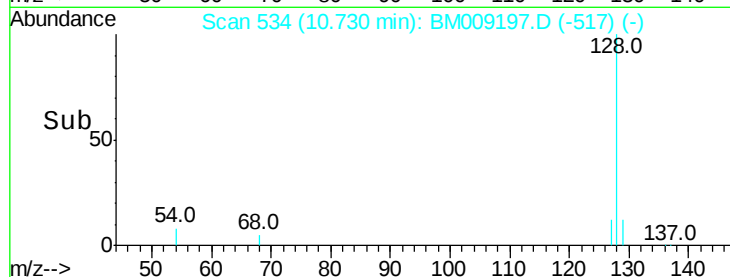
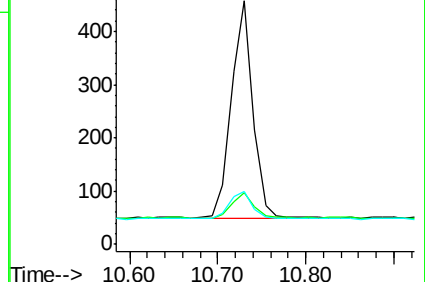
127 21.6 12.8 19.2#



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: 0.63 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM009197.D

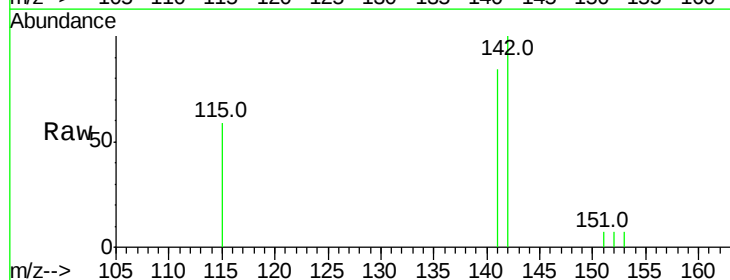
Acq: 11 Mar 2017 04:18

Tgt Ion:142 Resp: 1068

Ion Ratio Lower Upper

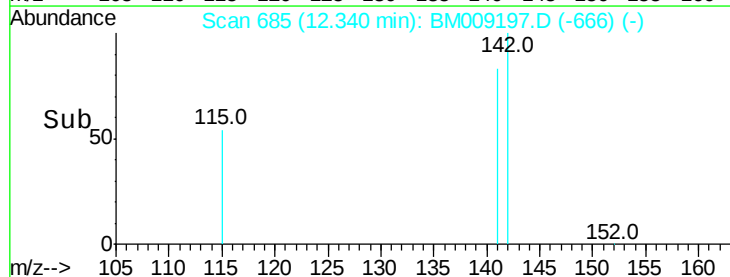
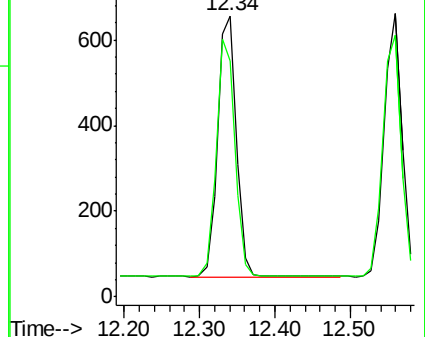
142 100

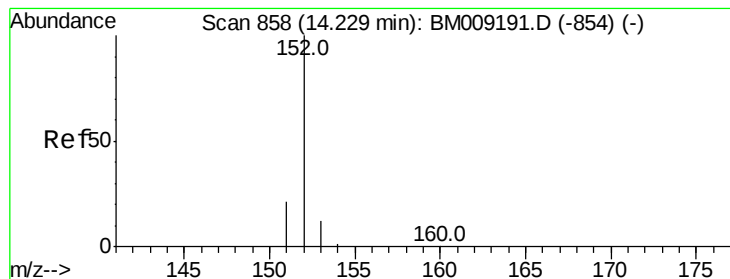
141 90.3 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.12 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM009197.D

Acq: 11 Mar 2017 04:18

Instrument :

BNA_M

ClientSampleId :

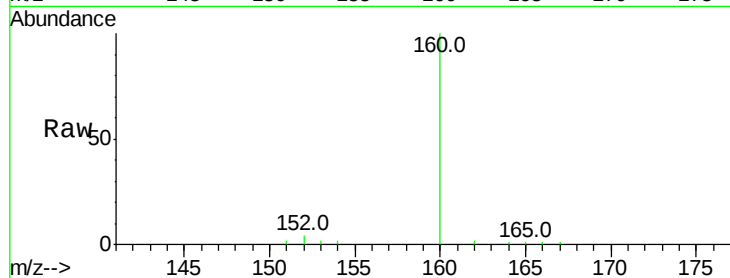
Tot Ion:152 Resp: 311

Ion Ratio Lower Upper

152 100

151 40.4 17.1 25.7#

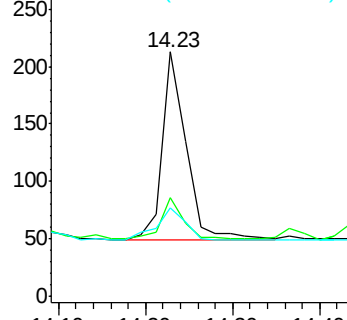
153 36.2 12.8 19.2#



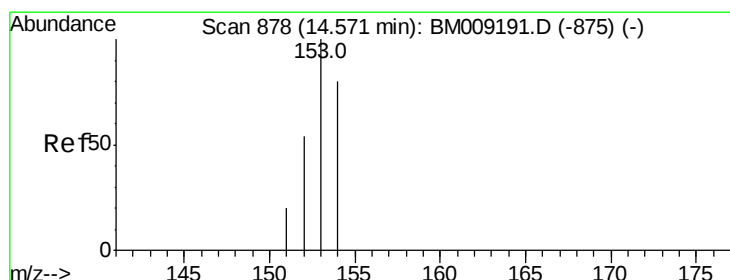
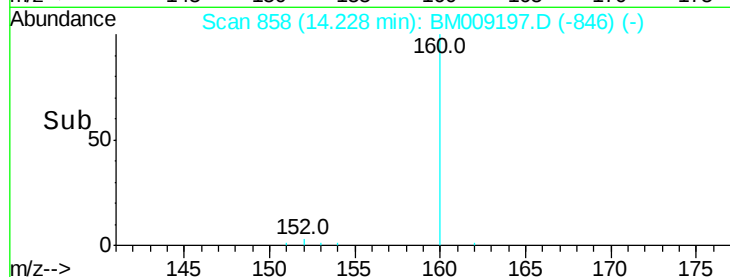
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#8

Acenaphthene

Concen: 0.37 ng/ul

RT: 14.57 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM009197.D

Acq: 11 Mar 2017 04:18

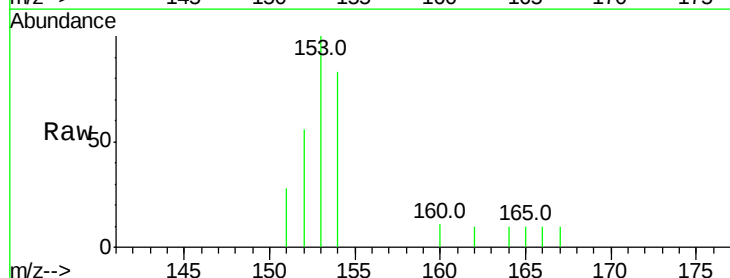
Tgt Ion:153 Resp: 745

Ion Ratio Lower Upper

153 100

152 55.7 40.3 60.5

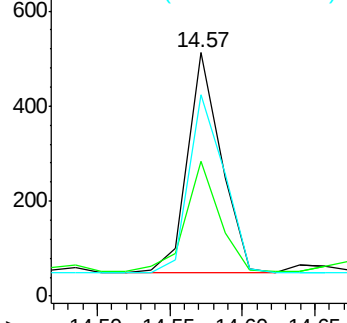
154 82.6 71.4 107.2



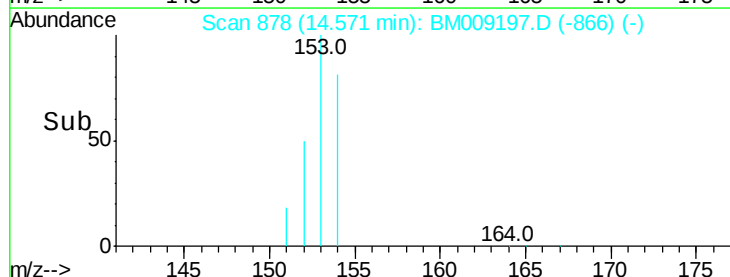
Abundance Ion 153.00 (152.70 to 153.70): E

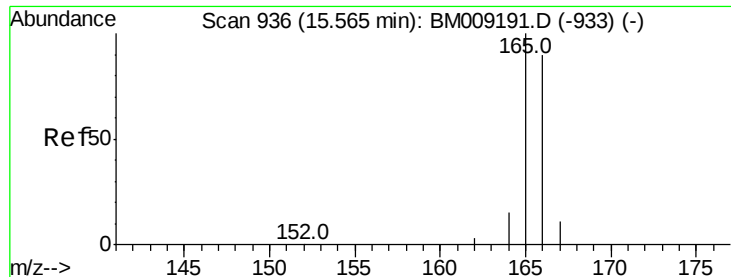
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->

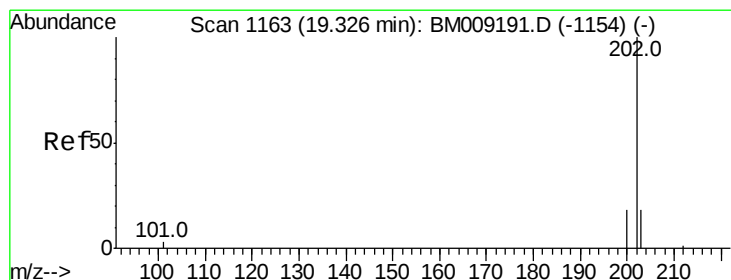
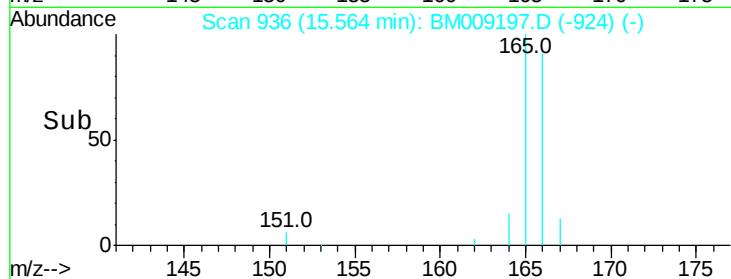
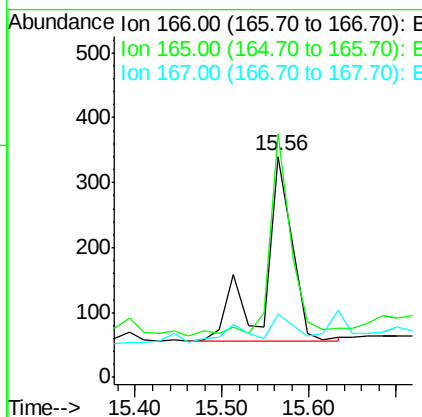
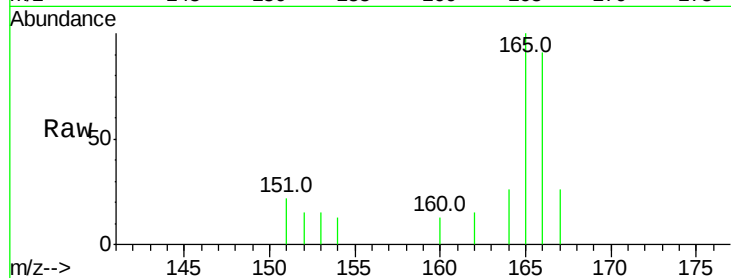




#9
Fluorene
 Concen: 0.27 ng/ul
 RT: 15.56 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

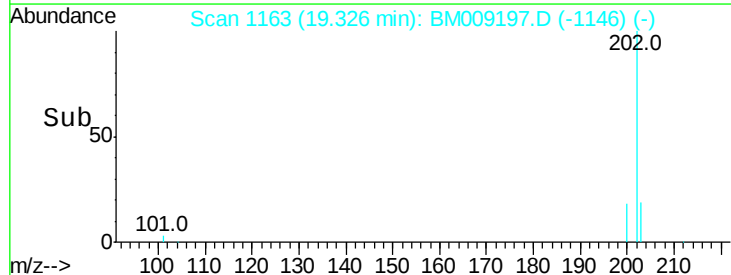
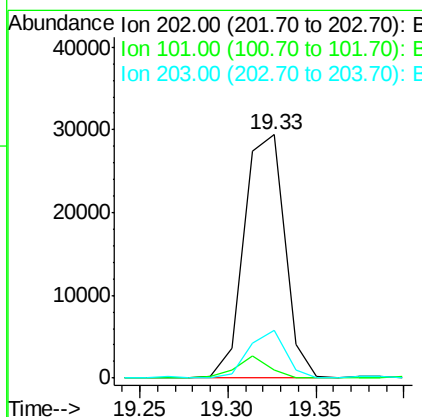
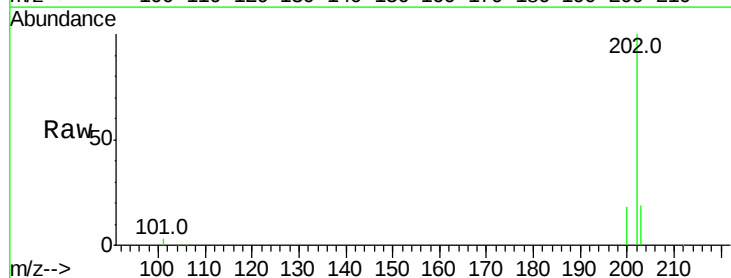
Instrument :
 BNA_M
 ClientSampleId :

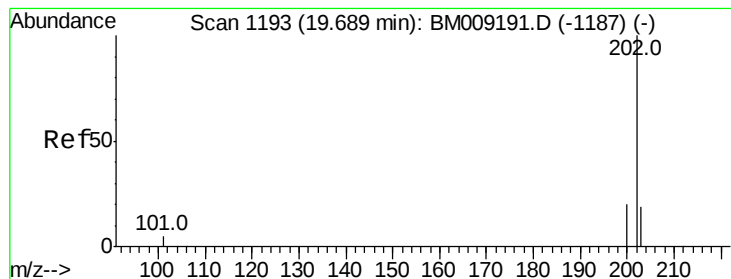
Tot Ion:166 Resp: 629
 Ion Ratio Lower Upper
 166 100
 165 110.3 73.4 110.2#
 167 28.5 14.6 22.0#



#15
Fluoranthene
 Concen: 0.17 ng/ul
 RT: 19.33 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Tgt Ion:202 Resp: 46774
 Ion Ratio Lower Upper
 202 100
 101 3.2 0.0 30.3
 203 19.4 0.0 39.5





#17

Pvrene

Concen: 1.45 ng/ul

RT: 19.92 min Scan# 1212

Delta R.T. 0.23 min

Lab File: BM009197.D

Acq: 11 Mar 2017 04:18

Instrument :

BNA_M

ClientSampled :

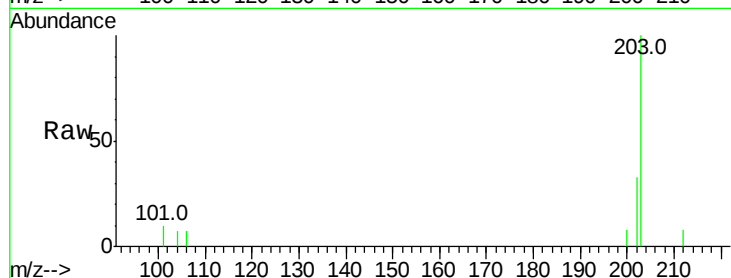
Tot Ion:202 Resp: 433

Ion Ratio Lower Upper

202 100

200 23.6 18.2 27.4

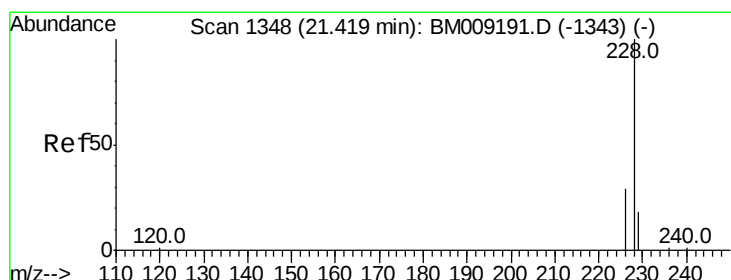
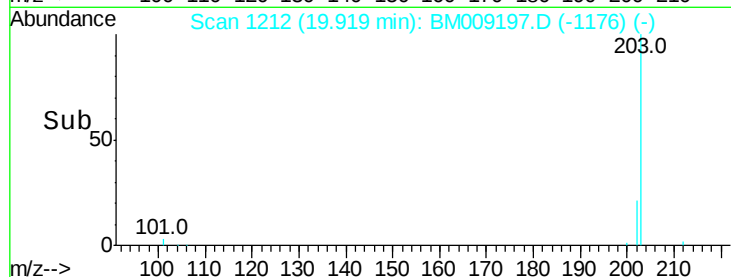
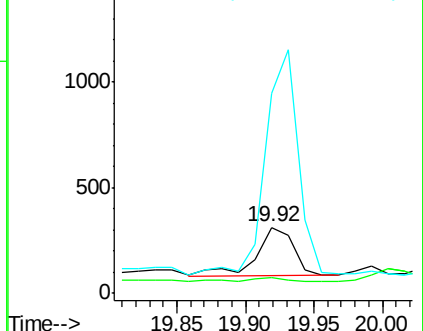
203 302.2 15.6 23.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#18

Benzo(a)anthracene

Concen: 4.29 ng/ul

RT: 21.60 min Scan# 1365

Delta R.T. 0.18 min

Lab File: BM009197.D

Acq: 11 Mar 2017 04:18

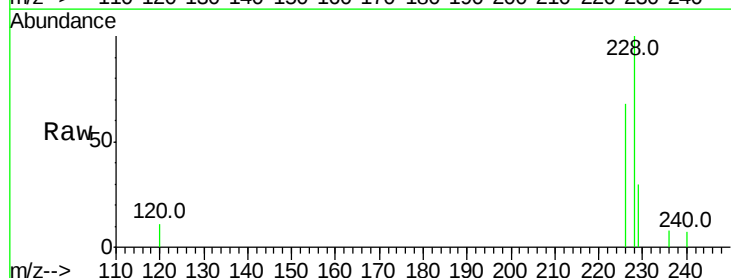
Tgt Ion:228 Resp: 1239

Ion Ratio Lower Upper

228 100

226 68.0 22.8 34.2#

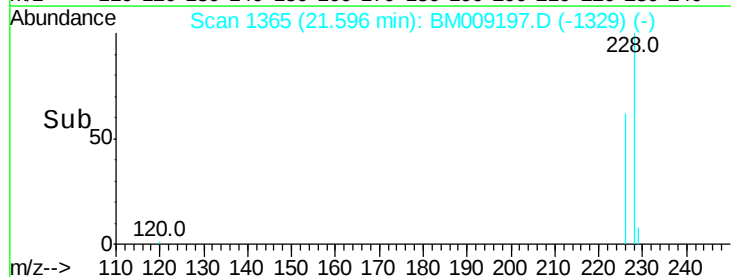
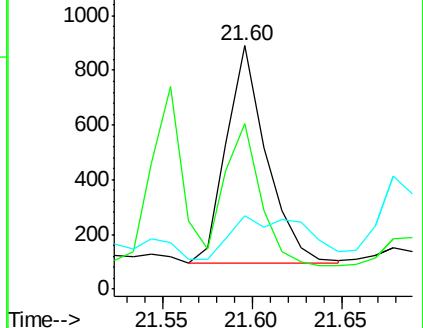
229 30.1 17.0 25.6#

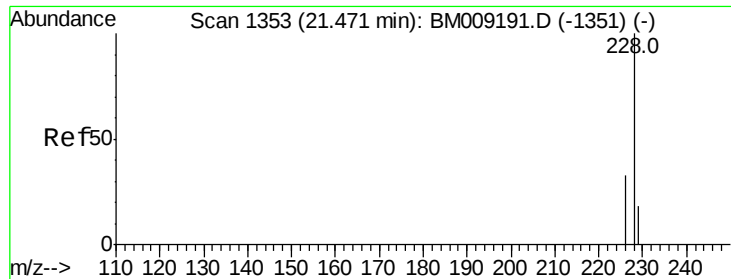


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.64 ng/ul

RT: 21.68 min Scan# 1373

Delta R.T. 0.21 min

Lab File: BM009197.D

Acq: 11 Mar 2017 04:18

Instrument :

BNA_M

ClientSampled :

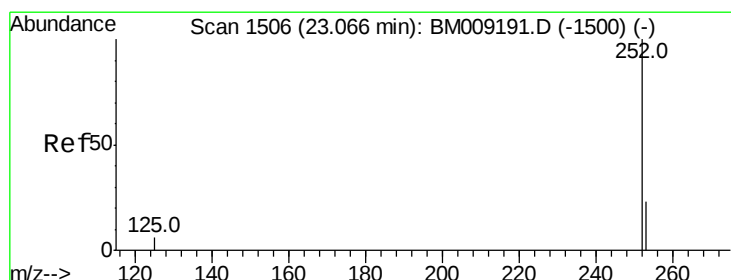
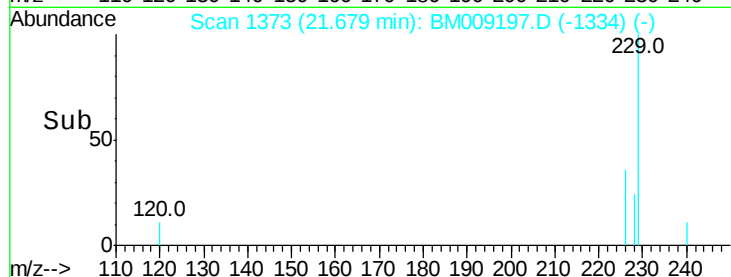
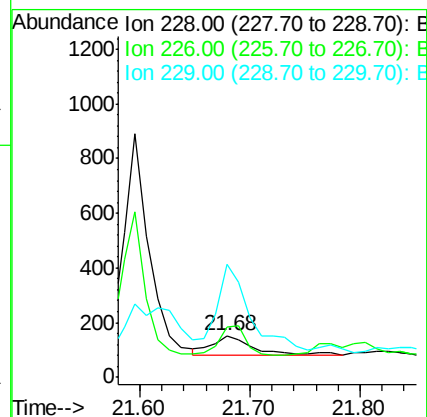
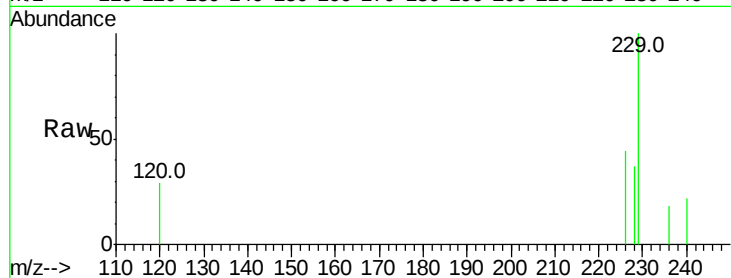
Tot Ion:228 Resp: 175

Ion Ratio Lower Upper

228 100

226 120.4 23.4 35.0#

229 273.0 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 4.34 ng/ul

RT: 23.24 min Scan# 1523

Delta R.T. 0.18 min

Lab File: BM009197.D

Acq: 11 Mar 2017 04:18

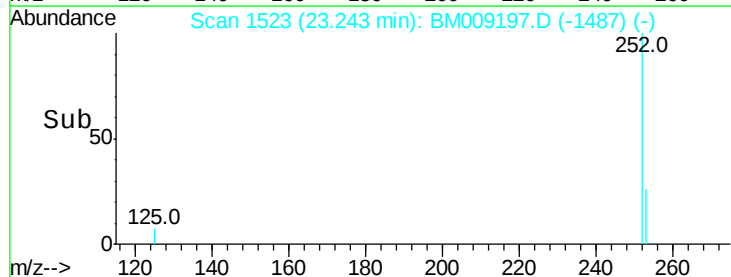
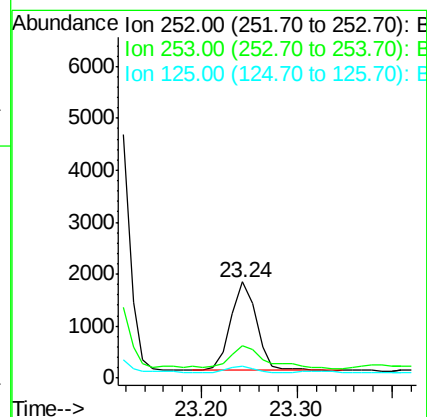
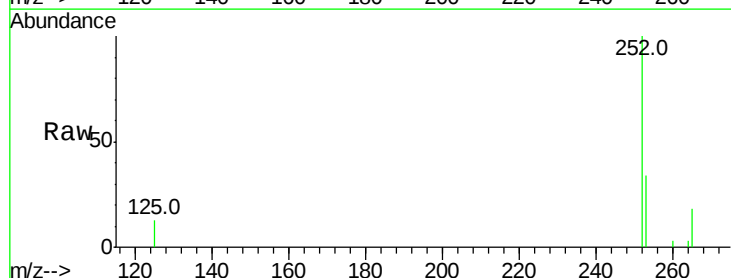
Tgt Ion:252 Resp: 3237

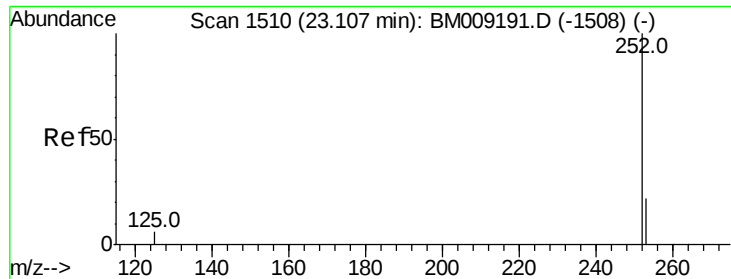
Ion Ratio Lower Upper

252 100

253 33.9 0.0 64.2

125 12.6 0.0 35.0

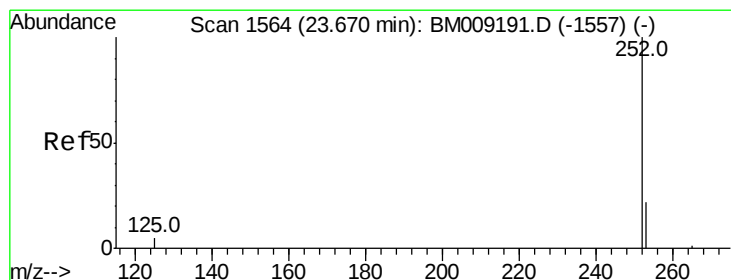
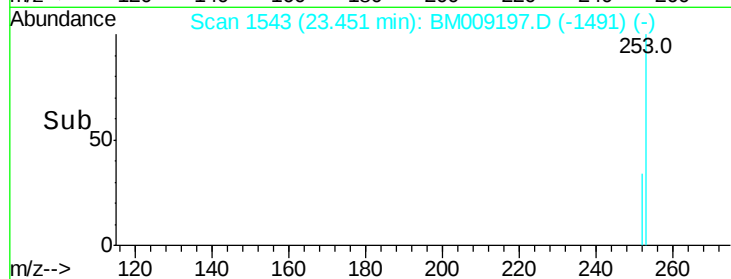
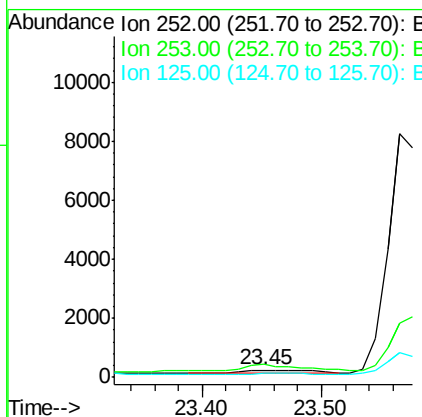
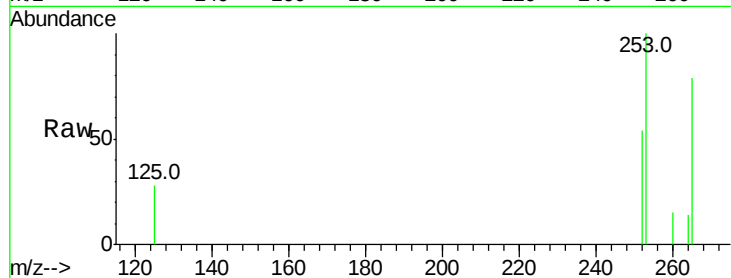




#22
Benzo(k)fluoranthene
Concen: 0.61 ng/ul
RT: 23.45 min Scan# 1543
Delta R.T. 0.34 min
Lab File: BM009197.D
Acq: 11 Mar 2017 04:18

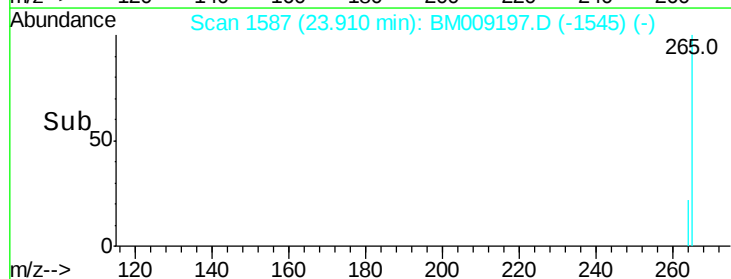
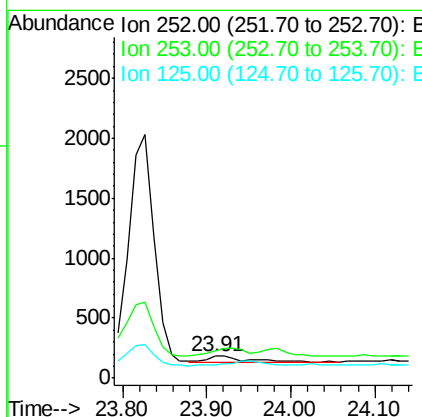
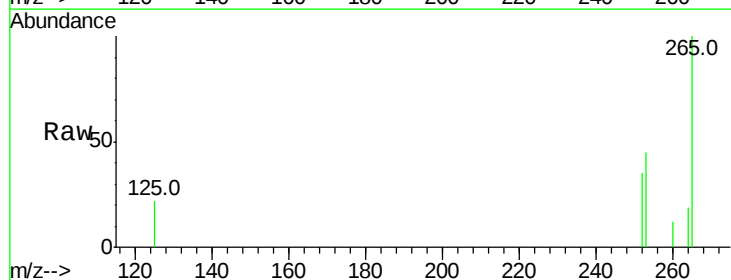
Instrument :
BNA_M
ClientSampleId :

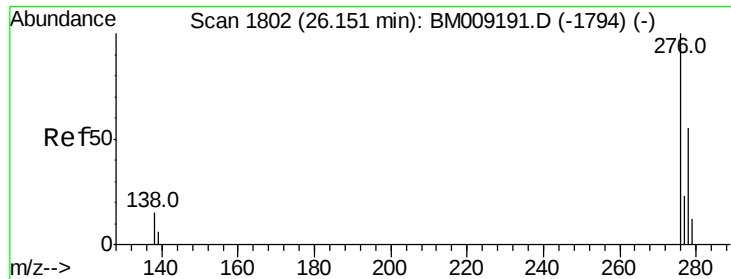
Tot Ion:252 Resp: 405
Ion Ratio Lower Upper
252 100
253 184.6 24.5 36.7#
125 51.0 13.7 20.5#



#23
Benzo(a)pyrene
Concen: 0.26 ng/ul
RT: 23.91 min Scan# 1587
Delta R.T. 0.24 min
Lab File: BM009197.D
Acq: 11 Mar 2017 04:18

Tgt Ion:252 Resp: 173
Ion Ratio Lower Upper
252 100
253 125.8 28.5 42.7#
125 62.6 18.1 27.1#

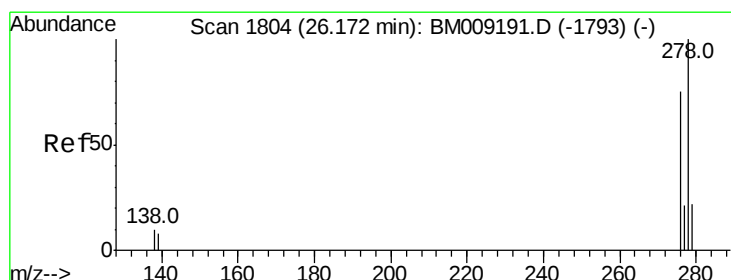
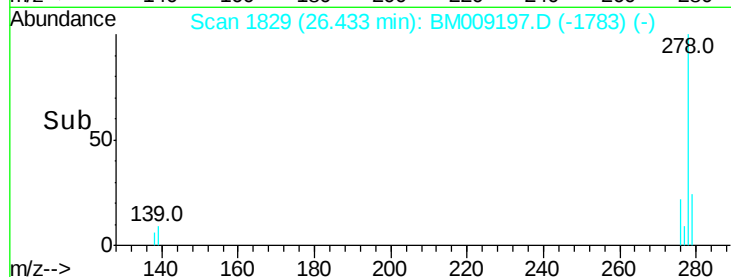
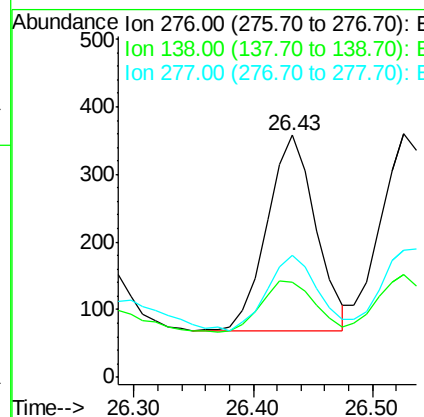
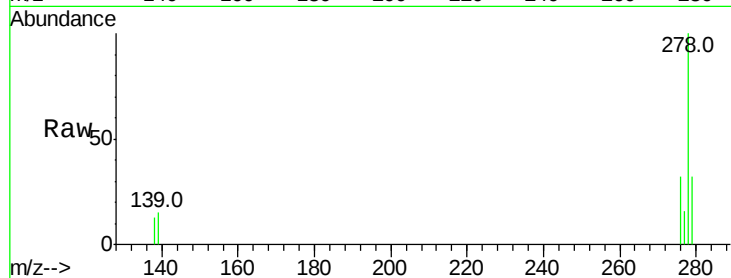




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.96 ng/ul
 RT: 26.43 min Scan# 1829
 Delta R.T. 0.28 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

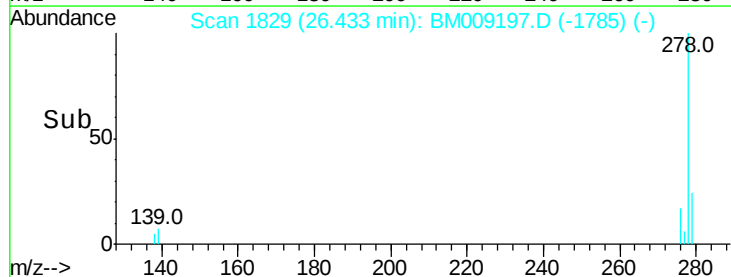
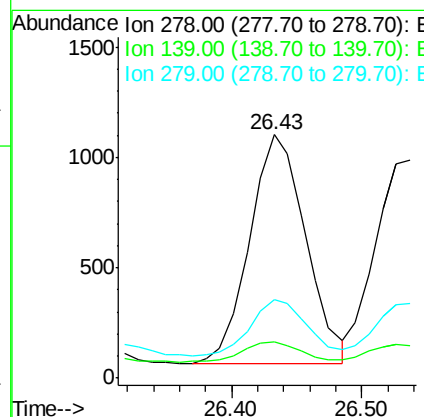
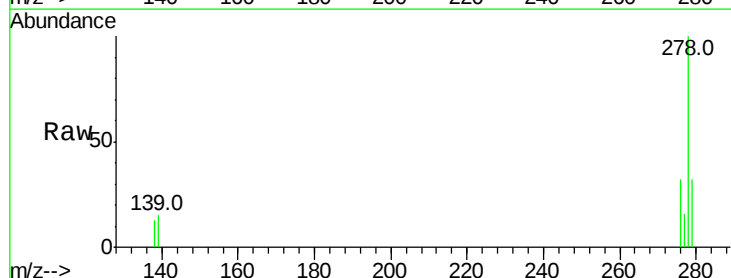
Instrument :
 BNA_M
 ClientSampleId :

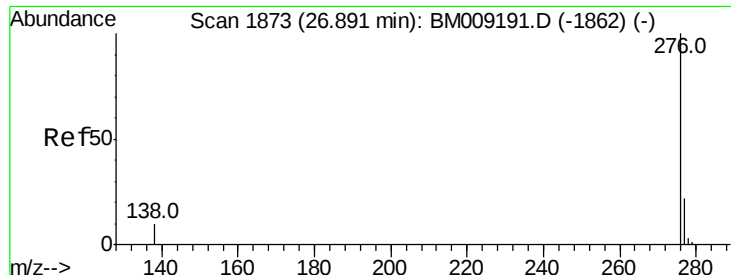
Tot Ion:276 Resp: 820
 Ion Ratio Lower Upper
 276 100
 138 28.5 19.1 28.7
 277 39.4 19.6 29.4#



#25
 Dibenzo(a,h)anthracene
 Concen: 4.32 ng/ul
 RT: 26.43 min Scan# 1829
 Delta R.T. 0.26 min
 Lab File: BM009197.D
 Acq: 11 Mar 2017 04:18

Tgt Ion:278 Resp: 3098
 Ion Ratio Lower Upper
 278 100
 139 14.9 17.4 26.0#
 279 32.0 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 0.22 ng/ul

RT: 27.11 min Scan# 1894

Delta R.T. 0.22 min

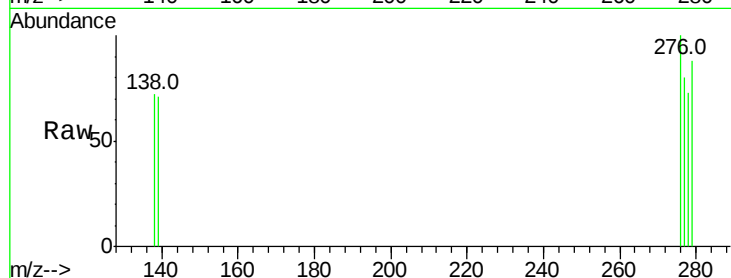
Lab File: BM009197.D

Acq: 11 Mar 2017 04:18

Instrument :

BNA_M

ClientSampleId :



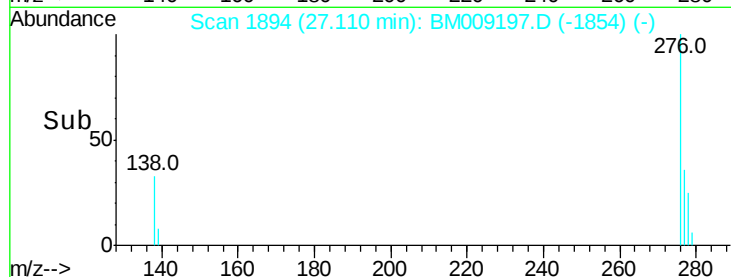
Tot Ion:276 Resp: 160

Ion Ratio Lower Upper

276 100

277 80.2 21.8 32.8#

138 71.7 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

