

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009184.D
 Acq On : 10 Mar 2017 20:33
 Operator : SJ/MA
 Sample : I2107-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ5

Quant Time: Mar 11 00:55:11 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 00:54:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	326	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	1077	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	655	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	93900	0.40	ng/ul	0.10
16) Chrysene-d12	21.44	240	1432	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	88012	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	472	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1205	0.00	ng/ul	0.00

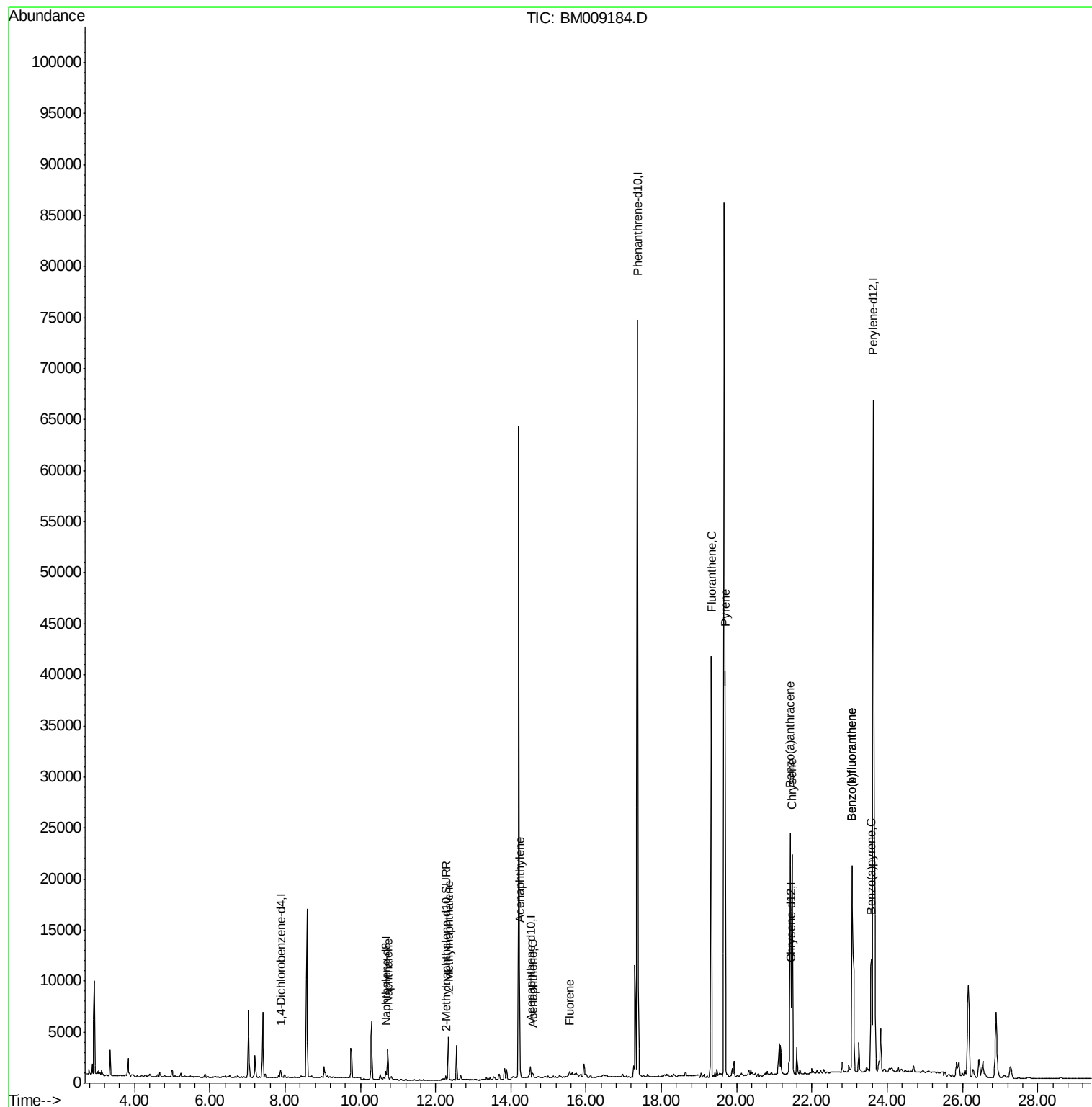
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.73	128	3581	1.15	ng/ul	97
5) 2-Methylnaphthalene	12.34	142	2882	1.29	ng/ul	100
7) Acenaphthylene	14.23	152	1263	0.37	ng/ul#	87
8) Acenaphthene	14.57	153	378	0.14	ng/ul#	87
9) Fluorene	15.56	166	417	0.14	ng/ul#	73
15) Fluoranthene	19.33	202	43111	0.11	ng/ul	93
17) Pyrene	19.69	202	38221	7.76	ng/ul	96
18) Benzo(a)anthracene	21.42	228	25631	5.39	ng/ul	95
19) Chrysene	21.47	228	21731	4.81	ng/ul	94
21) Benzo(b)fluoranthene	23.07	252	25826	0.07	ng/ul	82
22) Benzo(k)fluoranthene	23.07	252	44624	0.15	ng/ul#	84
23) Benzo(a)pyrene	23.58	252	17404	0.06	ng/ul#	79

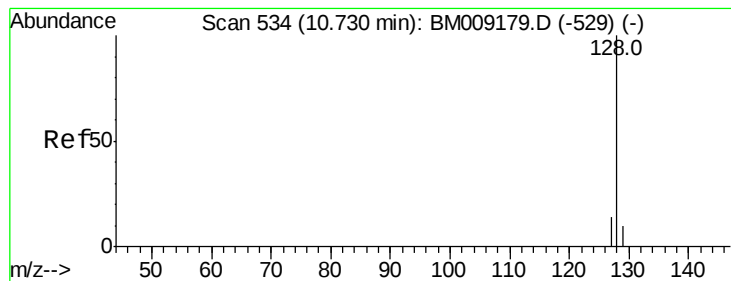
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.15 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

Instrument :

BNA_M

ClientSampleId :

C0AJ5

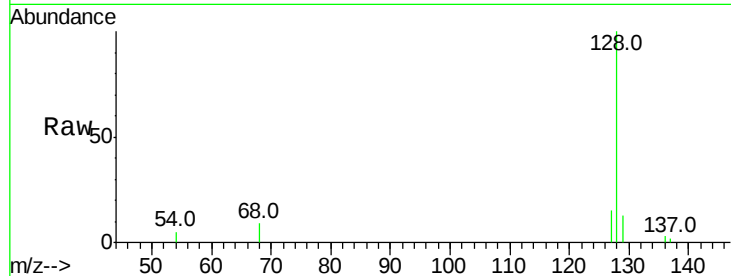
Tot Ion:128 Resp: 3581

Ion Ratio Lower Upper

128 100

129 12.8 11.3 16.9

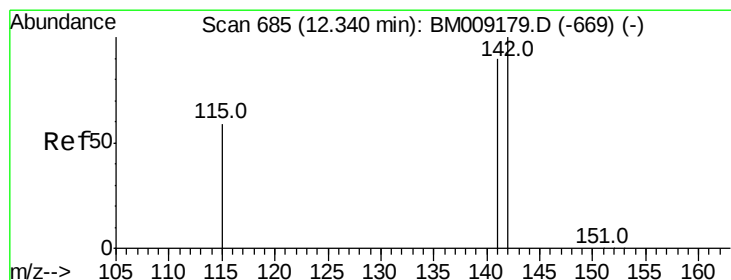
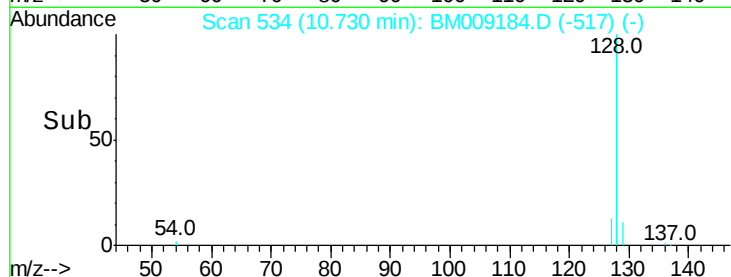
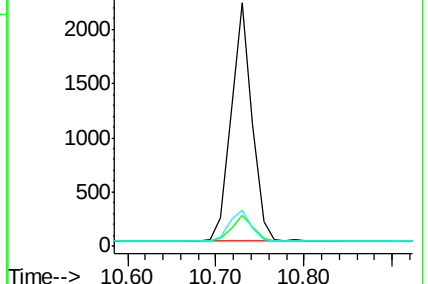
127 15.0 12.8 19.2



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: 1.29 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM009184.D

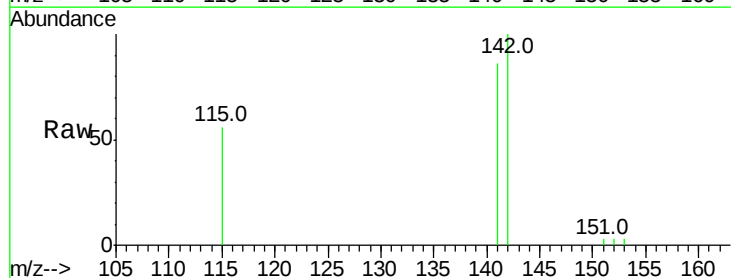
Acq: 10 Mar 2017 20:33

Tgt Ion:142 Resp: 2882

Ion Ratio Lower Upper

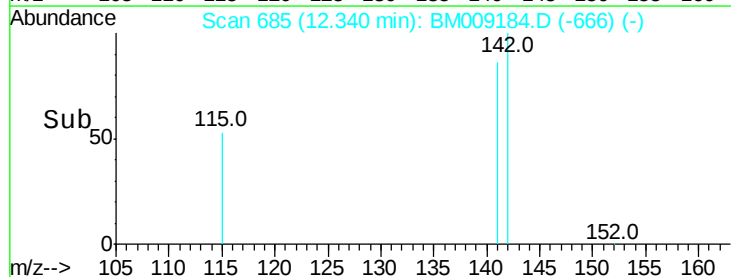
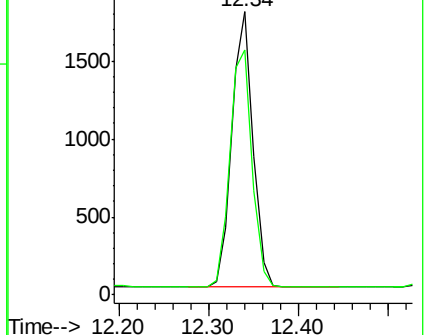
142 100

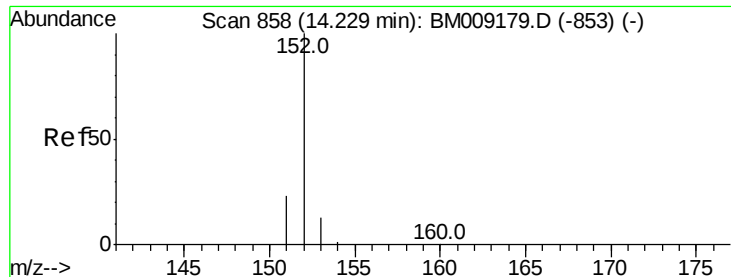
141 90.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.37 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

Instrument :

BNA_M

ClientSampleId :

C0AJ5

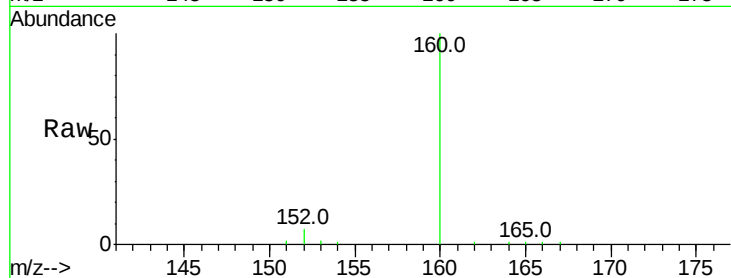
Tot Ion:152 Resp: 1263

Ion Ratio Lower Upper

152 100

151 27.9 17.1 25.7#

153 21.0 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

14.23

800

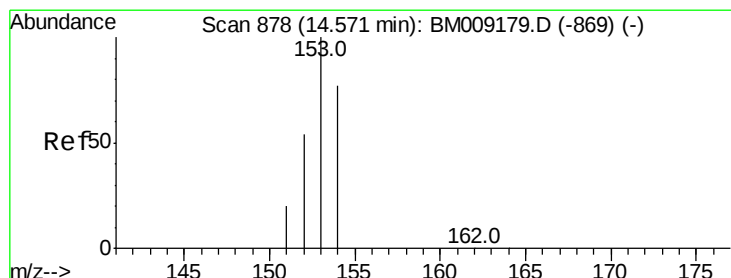
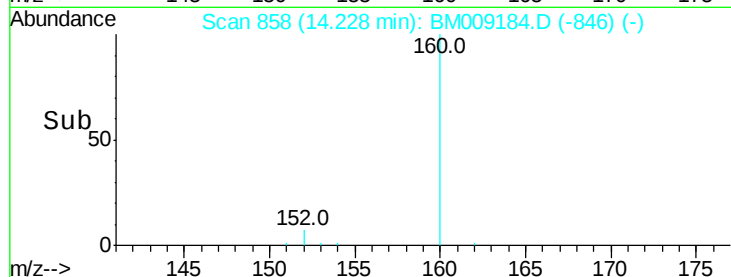
600

400

200

0

Time-->



#8

Acenaphthene

Concen: 0.14 ng/ul

RT: 14.57 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

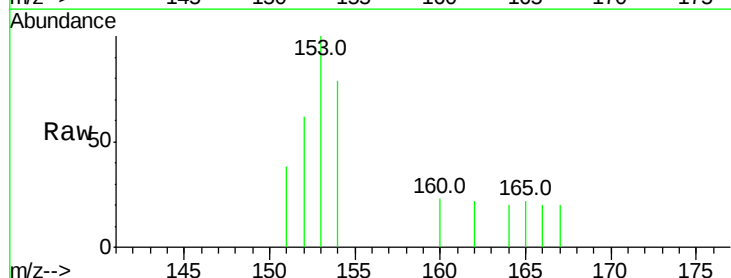
Tgt Ion:153 Resp: 378

Ion Ratio Lower Upper

153 100

152 61.8 40.3 60.5#

154 79.1 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

14.57

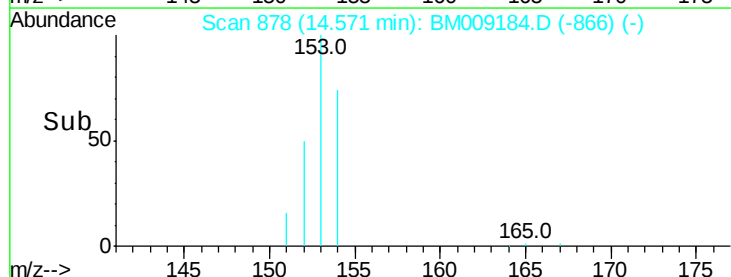
300

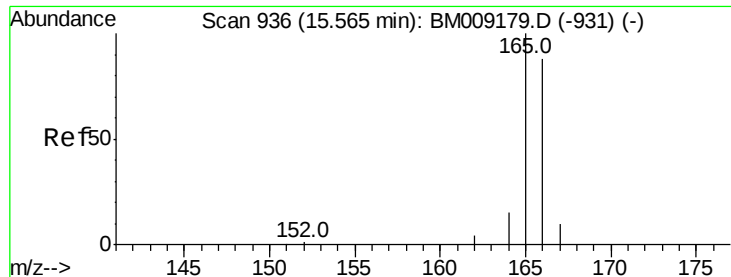
200

100

0

Time-->





#9

Fluorene

Concen: 0.14 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. -0.00 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

Instrument :

BNA_M

ClientSampled :

C0AJ5

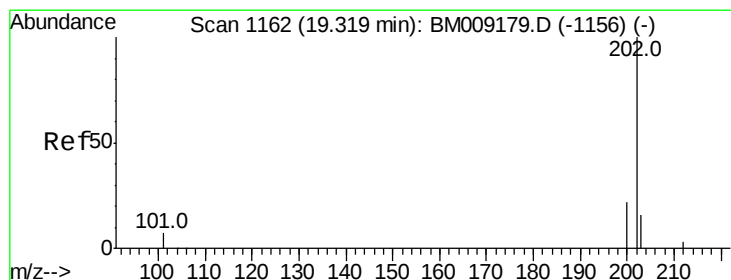
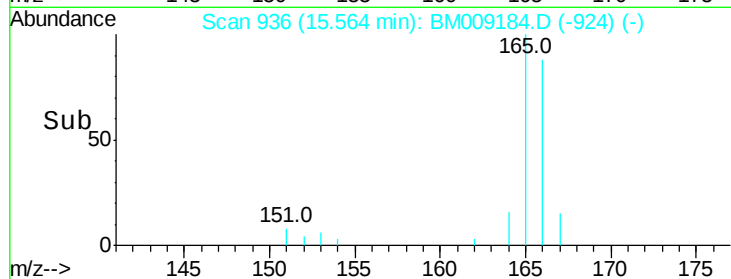
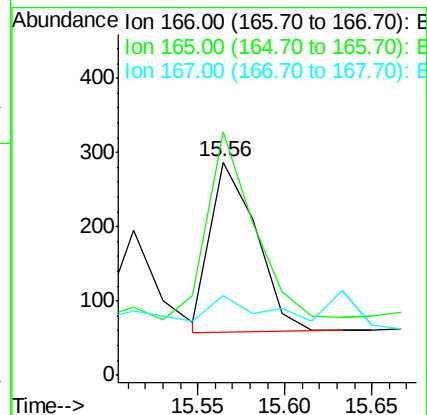
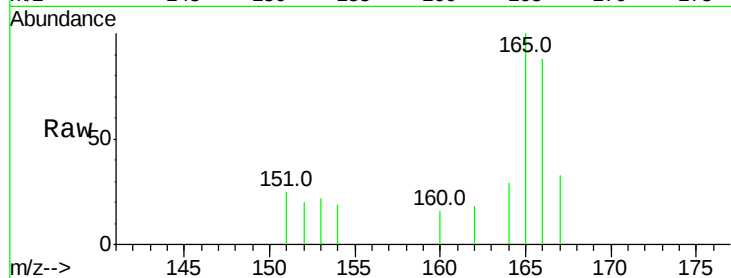
Tot Ion:166 Resp: 417

Ion Ratio Lower Upper

166 100

165 114.3 73.4 110.2#

167 37.3 14.6 22.0#



#15

Fluoranthene

Concen: 0.11 ng/ul

RT: 19.33 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

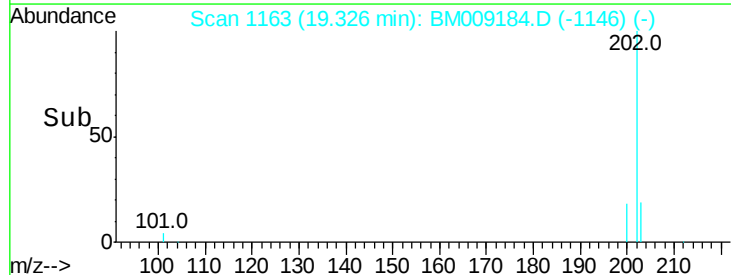
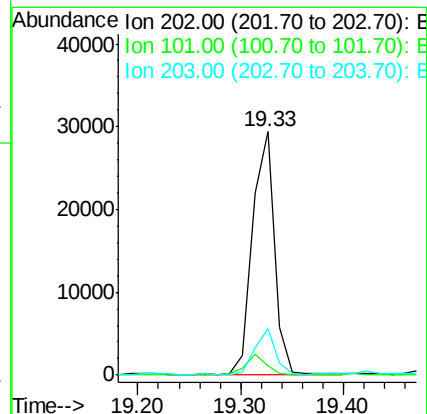
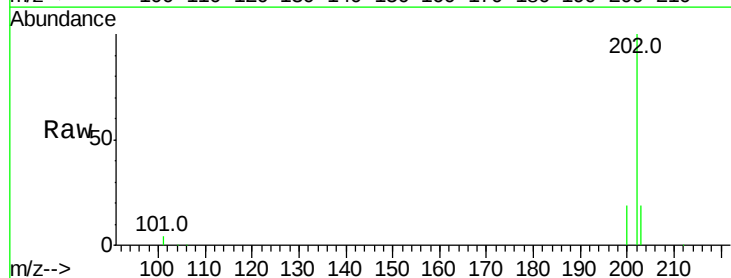
Tgt Ion:202 Resp: 43111

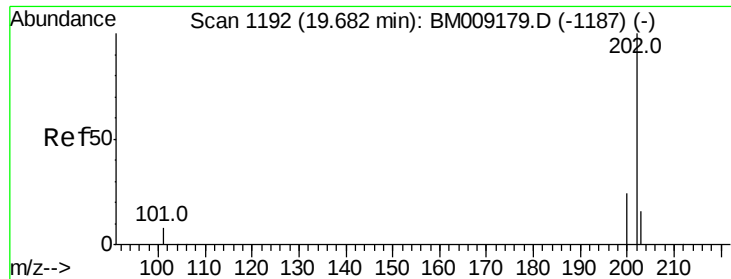
Ion Ratio Lower Upper

202 100

101 3.8 0.0 30.3

203 18.9 0.0 39.5

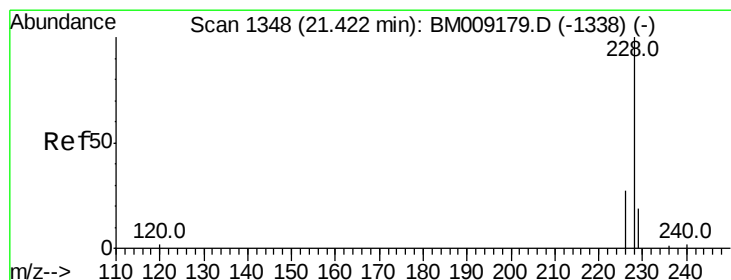
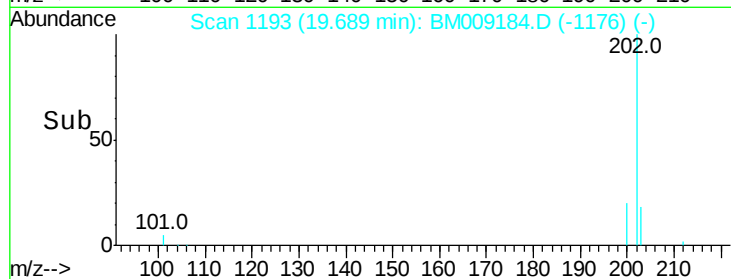
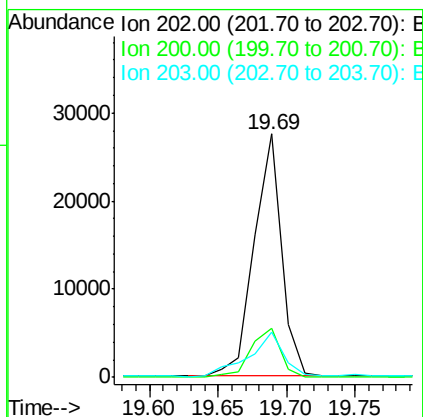
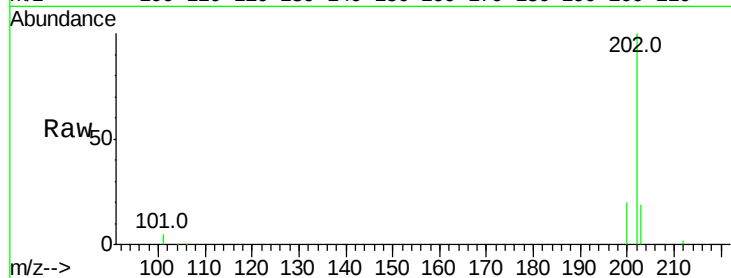




#17
Pvrene
Concen: 7.76 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BM009184.D
Acq: 10 Mar 2017 20:33

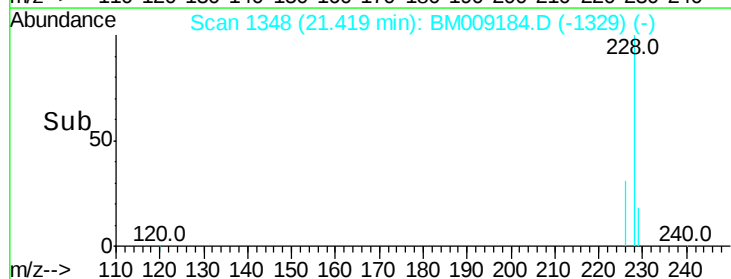
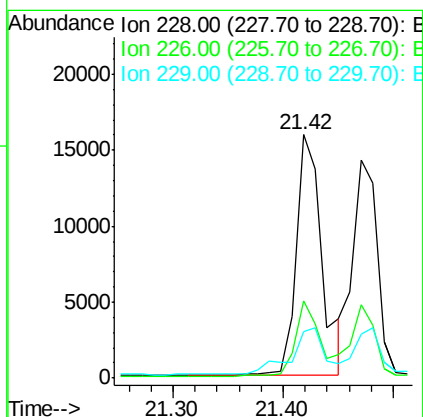
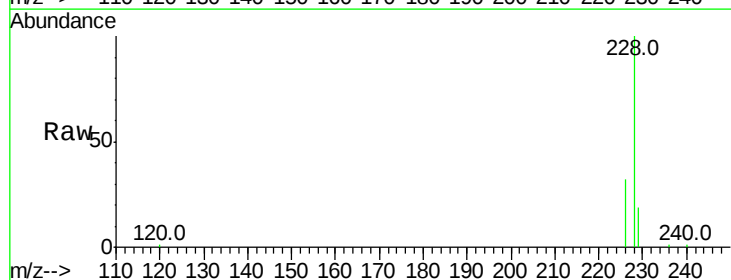
Instrument :
BNA_M
ClientSampleId :
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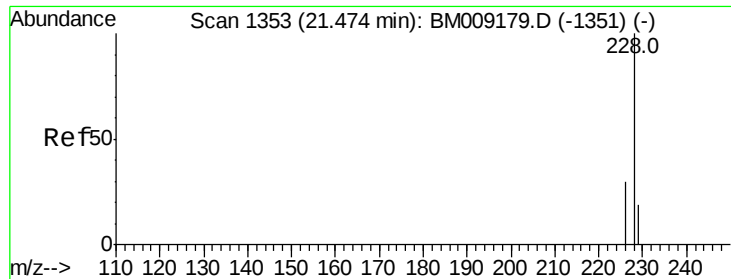
Tot Ion:202 Resp: 38221
Ion Ratio Lower Upper
202 100
200 19.9 18.2 27.4
203 18.8 15.6 23.4



#18
Benzo(a)anthracene
Concen: 5.39 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BM009184.D
Acq: 10 Mar 2017 20:33

Tgt Ion:228 Resp: 25631
Ion Ratio Lower Upper
228 100
226 31.6 22.8 34.2
229 19.2 17.0 25.6





#19

Chrysene

Concen: 4.81 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

Instrument :

BNA_M

ClientSampleId :

C0AJ5

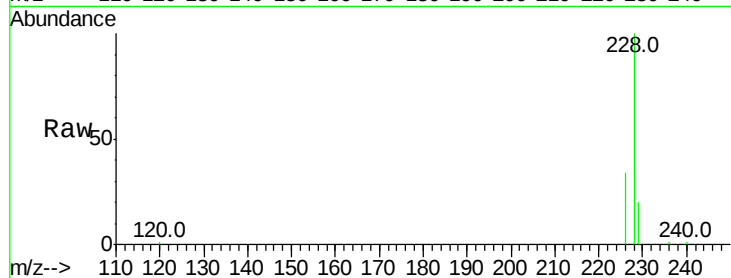
Tot Ion:228 Resp: 21731

Ion Ratio Lower Upper

228 100

226 33.9 23.4 35.0

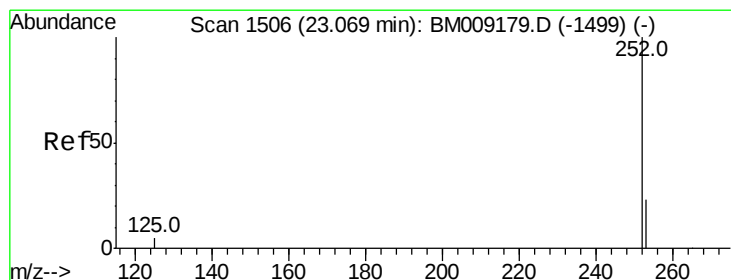
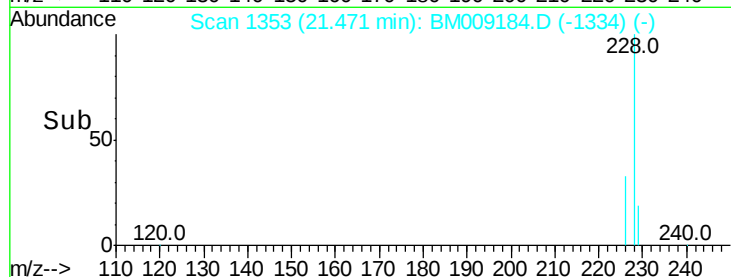
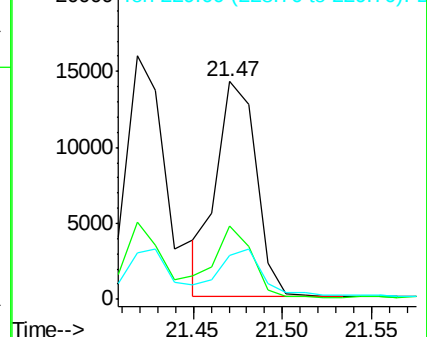
229 20.5 17.7 26.5



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: 0.07 ng/ul

RT: 23.07 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

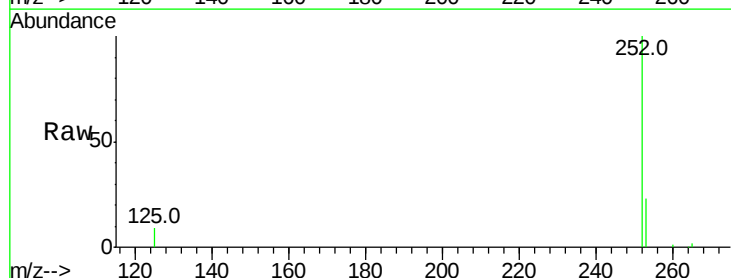
Tgt Ion:252 Resp: 25826

Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

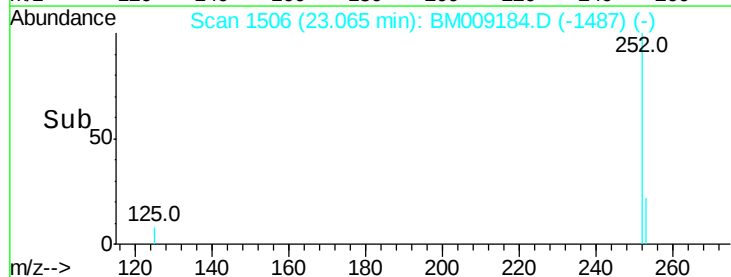
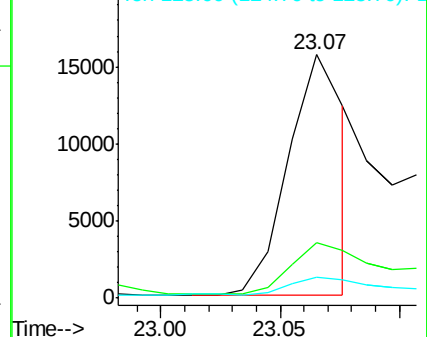
125 8.8 0.0 35.0

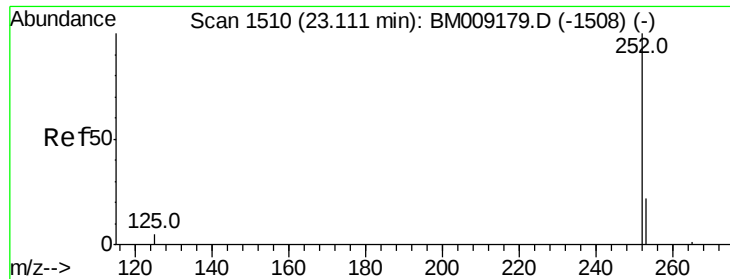


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.15 ng/ul

RT: 23.07 min Scan# 1506

Delta R.T. -0.05 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

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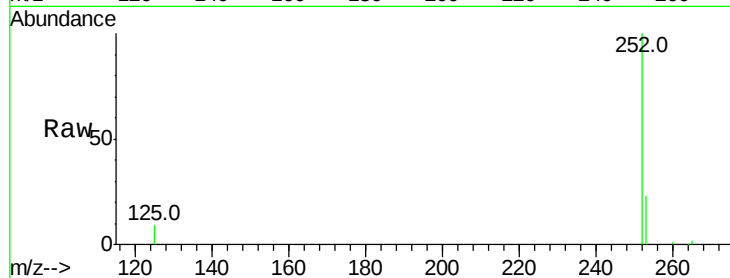
Tot Ion:252 Resp: 44624

Ion Ratio Lower Upper

252 100

253 23.0 24.5 36.7#

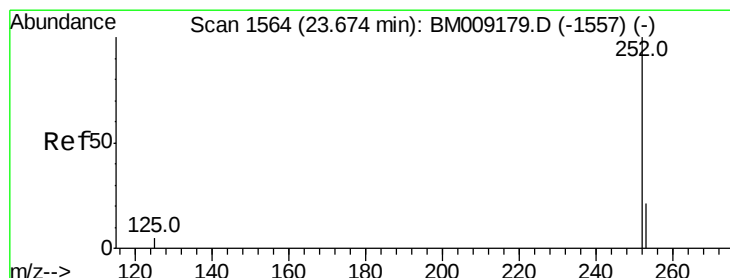
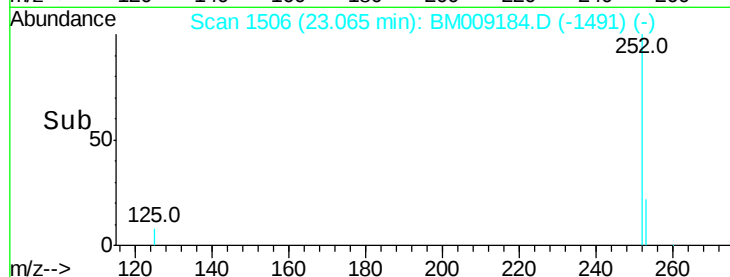
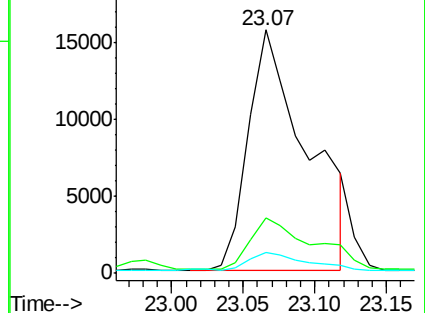
125 8.8 13.7 20.5#



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: 0.06 ng/ul

RT: 23.58 min Scan# 1555

Delta R.T. -0.10 min

Lab File: BM009184.D

Acq: 10 Mar 2017 20:33

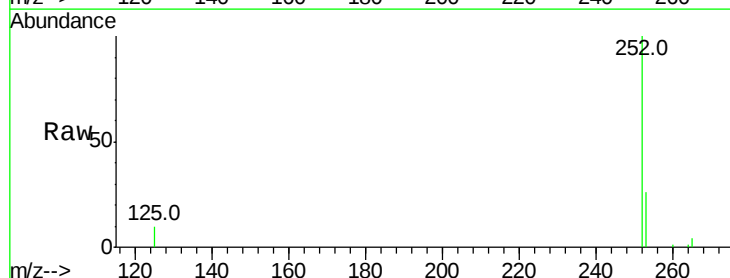
Tgt Ion:252 Resp: 17404

Ion Ratio Lower Upper

252 100

253 26.0 28.5 42.7#

125 9.6 18.1 27.1#



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

