

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009187.D
 Acq On : 10 Mar 2017 22:21
 Operator : SJ/MA
 Sample : I2107-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK1

Quant Time: Mar 11 00:55:32 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	273	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	867	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	517	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	55577	0.40	ng/ul	0.10
16) Chrysene-d12	21.44	240	1171	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	49003	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	292	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	701	0.00	ng/ul	0.00

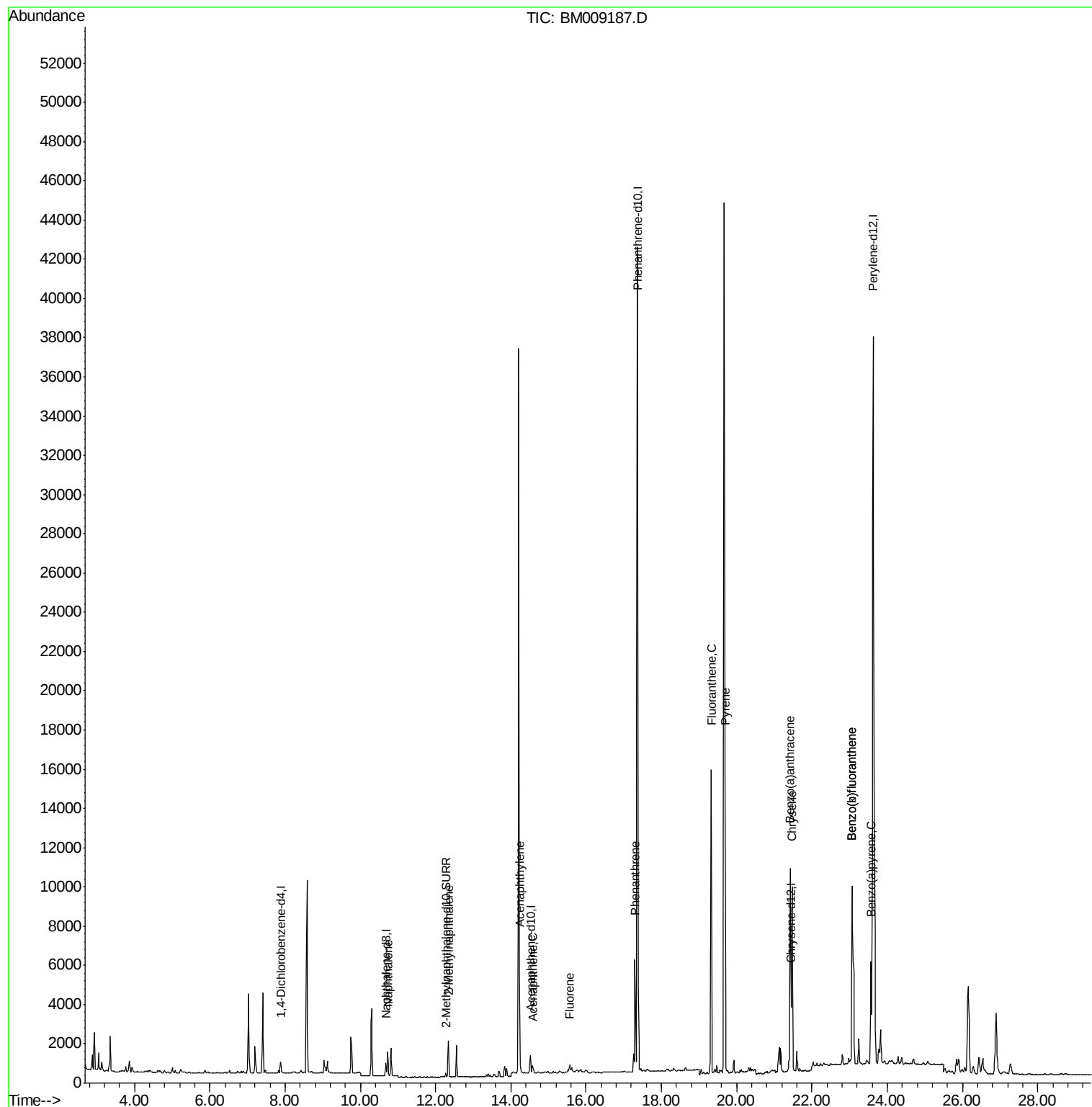
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.73	128	1700	0.68	ng/ul	98
5) 2-Methylnaphthalene	12.34	142	1328	0.74	ng/ul	99
7) Acenaphthylene	14.23	152	681	0.25	ng/ul#	78
8) Acenaphthene	14.57	153	251	0.12	ng/ul#	88
9) Fluorene	15.56	166	292	0.12	ng/ul#	76
12) Phenanthrene	17.30	178	7273	0.04	ng/ul	98
15) Fluoranthene	19.33	202	17671	0.08	ng/ul	94
17) Pyrene	19.69	202	16179	4.02	ng/ul	96
18) Benzo(a)anthracene	21.42	228	9510	2.44	ng/ul	97
19) Chrysene	21.47	228	10048	2.72	ng/ul	96
21) Benzo(b)fluoranthene	23.07	252	11976	0.06	ng/ul	87
22) Benzo(k)fluoranthene	23.07	252	20427	0.12	ng/ul#	89
23) Benzo(a)pyrene	23.57	252	7900	0.05	ng/ul#	80

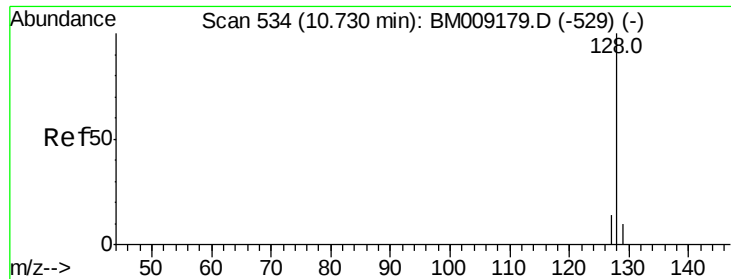
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.68 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

Lab File: BM009187.D

Acq: 10 Mar 2017 22:21

Instrument :

BNA_M

ClientSampleId :

C0AK1

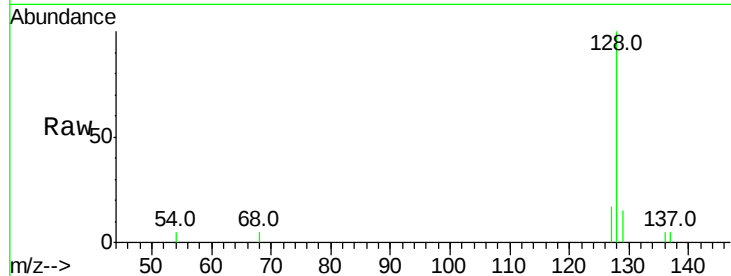
Tot Ion:128 Resp: 1700

Ion Ratio Lower Upper

128 100

129 14.8 11.3 16.9

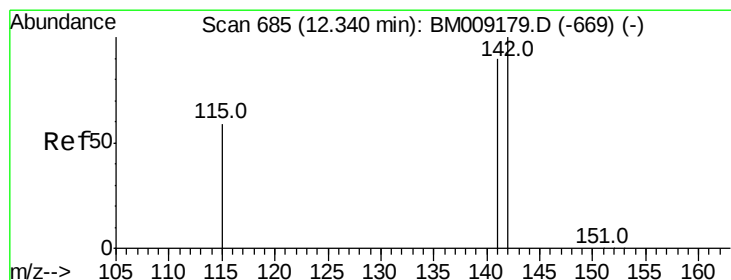
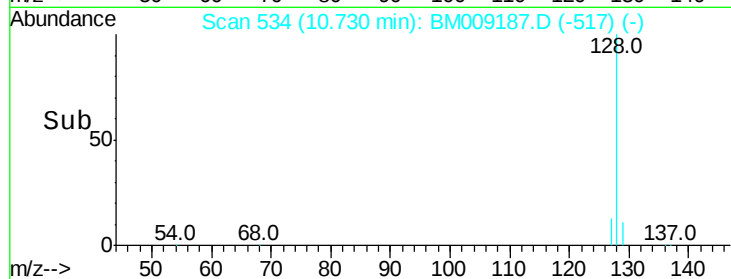
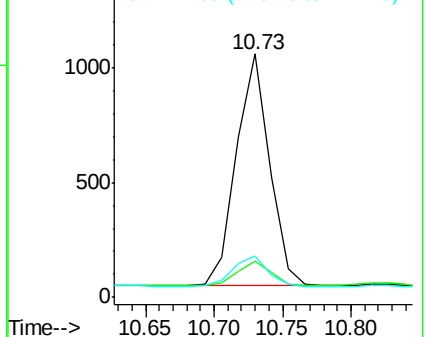
127 17.0 12.8 19.2



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: 0.74 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM009187.D

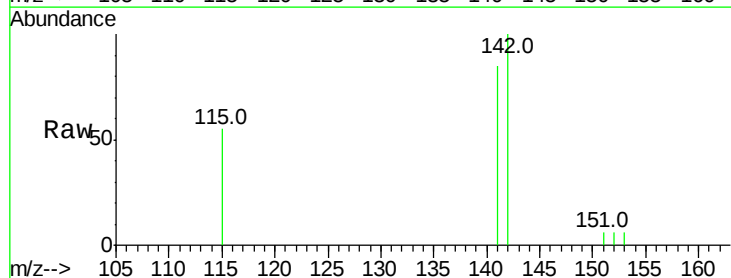
Acq: 10 Mar 2017 22:21

Tgt Ion:142 Resp: 1328

Ion Ratio Lower Upper

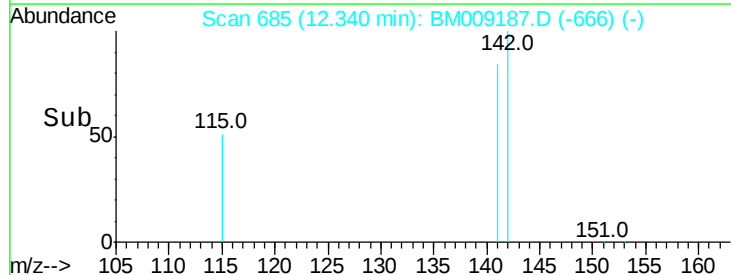
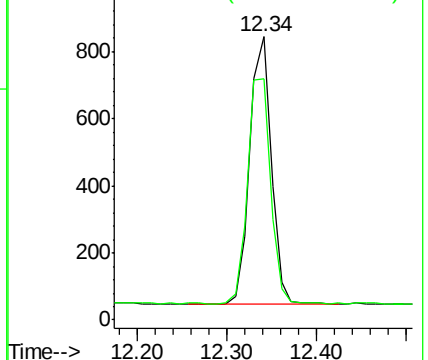
142 100

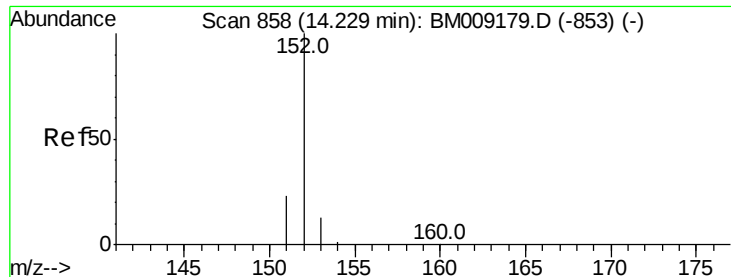
141 89.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.25 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. 0.00 min

Lab File: BM009187.D

Acq: 10 Mar 2017 22:21

Instrument :

BNA_M

ClientSampleId :

C0AK1

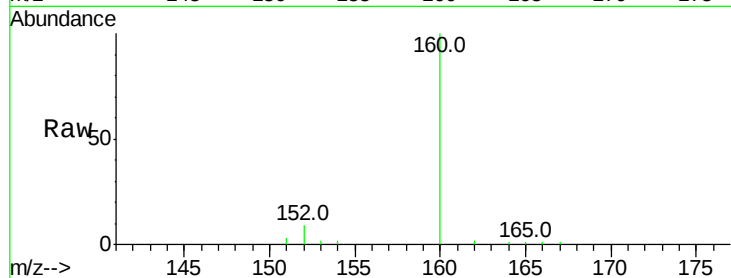
Tot Ion:152 Resp: 681

Ion Ratio Lower Upper

152 100

151 31.9 17.1 25.7#

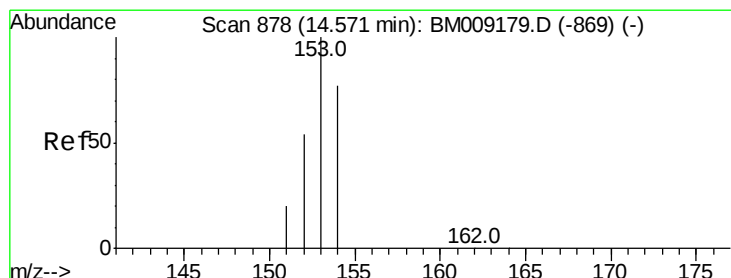
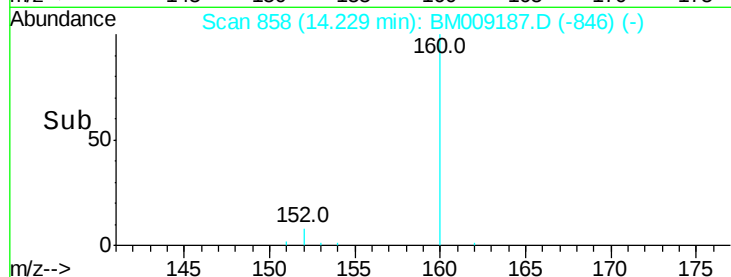
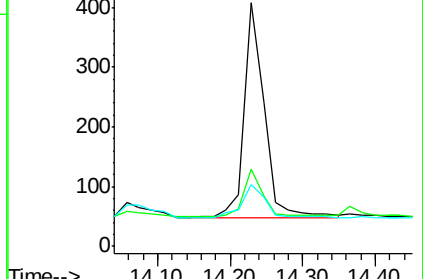
153 25.5 12.8 19.2#



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



#8

Acenaphthene

Concen: 0.12 ng/ul

RT: 14.57 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM009187.D

Acq: 10 Mar 2017 22:21

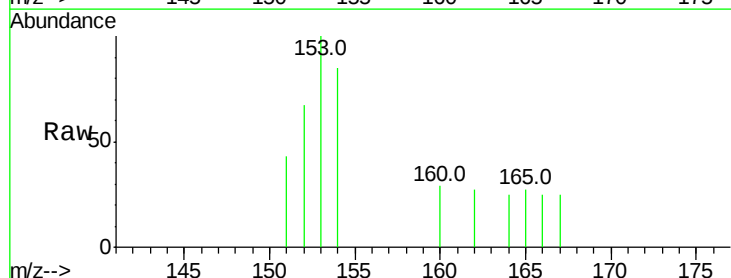
Tgt Ion:153 Resp: 251

Ion Ratio Lower Upper

153 100

152 67.4 40.3 60.5#

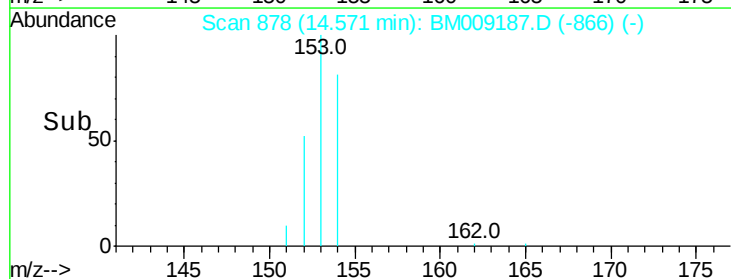
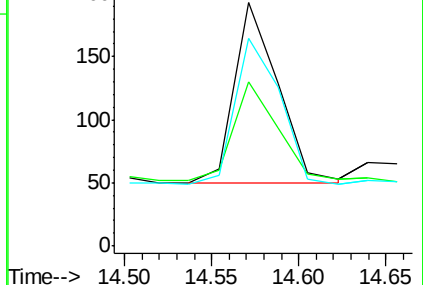
154 85.0 71.4 107.2

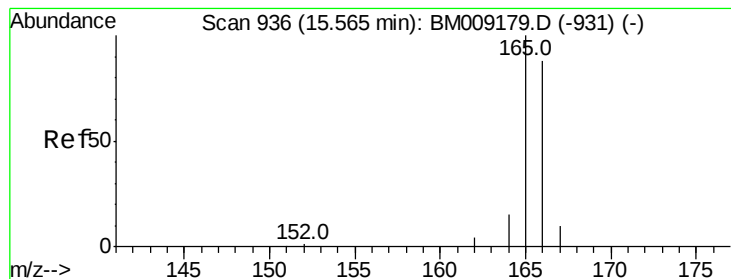


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.12 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. 0.00 min

Lab File: BM009187.D

Acq: 10 Mar 2017 22:21

Instrument :

BNA_M

ClientSampleId :

C0AK1

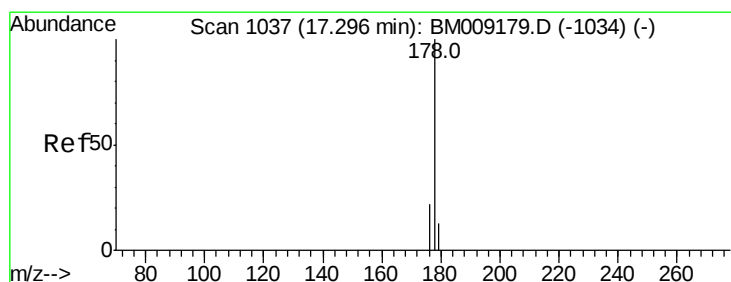
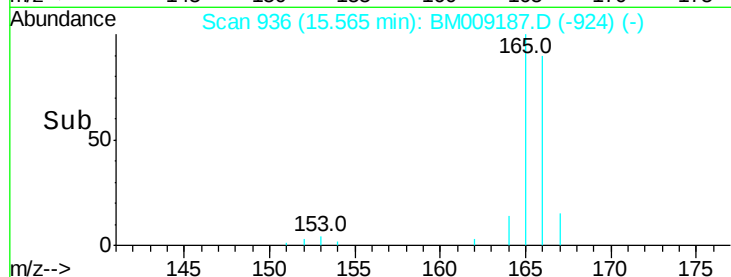
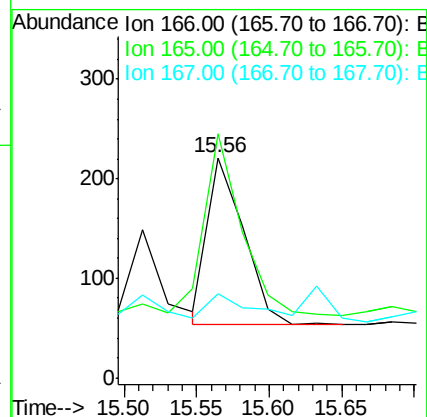
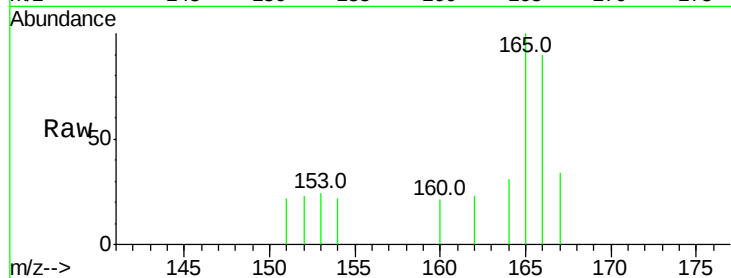
Tot Ion:166 Resp: 292

Ion Ratio Lower Upper

166 100

165 110.9 73.4 110.2#

167 38.0 14.6 22.0#



#12

Phenanthrene

Concen: 0.04 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BM009187.D

Acq: 10 Mar 2017 22:21

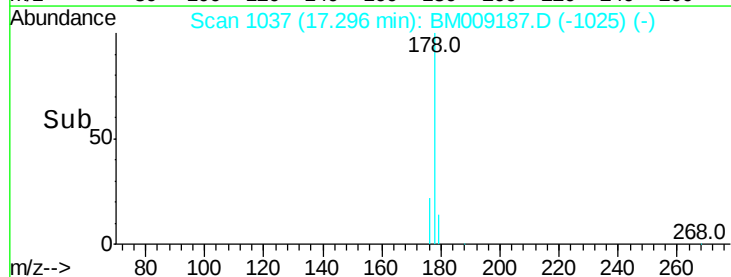
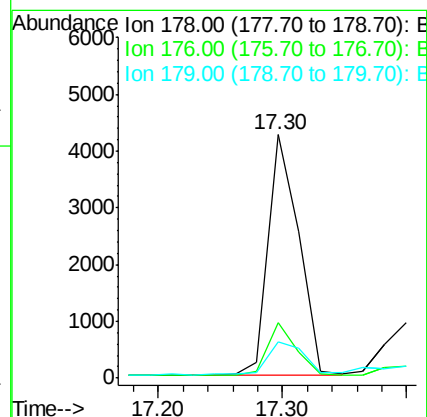
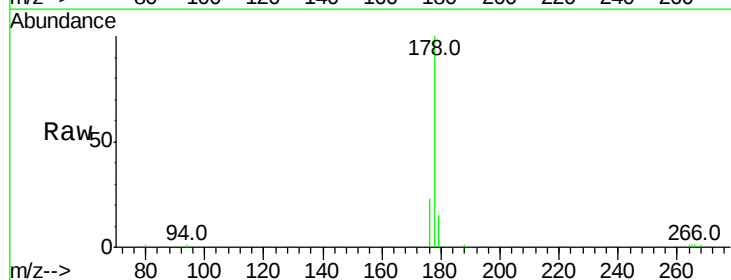
Tgt Ion:178 Resp: 7273

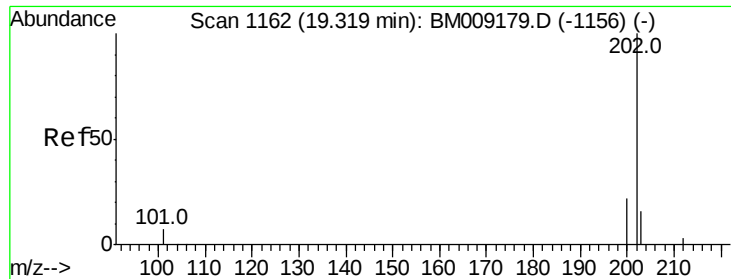
Ion Ratio Lower Upper

178 100

176 22.7 18.4 27.6

179 14.9 13.6 20.4





#15

Fluoranthene

Concen: 0.08 ng/ul

RT: 19.33 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BM009187.D

Acq: 10 Mar 2017 22:21

Instrument :

BNA_M

ClientSampleId :

C0AK1

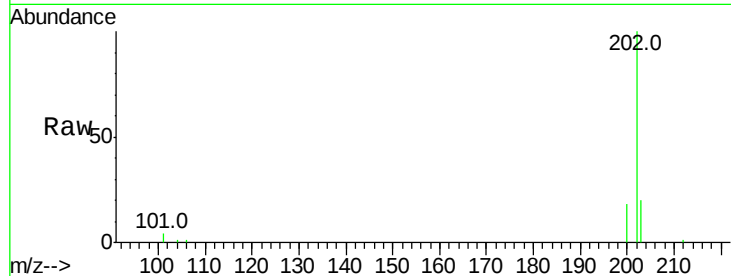
Tot Ion:202 Resp: 17671

Ion Ratio Lower Upper

202 100

101 3.9 0.0 30.3

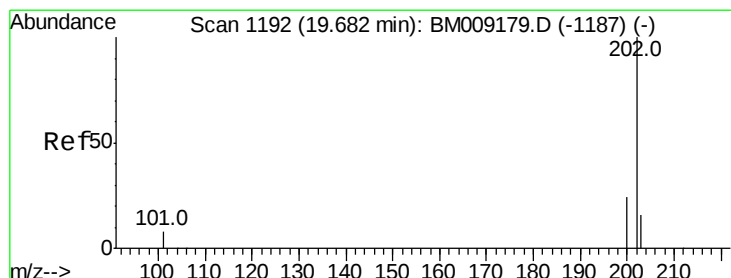
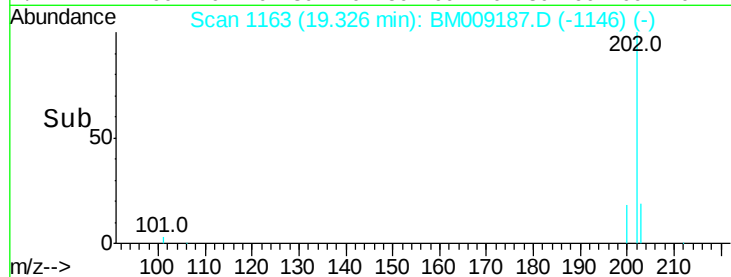
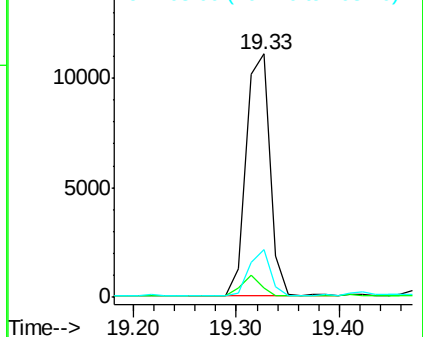
203 19.7 0.0 39.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#17

Pyrene

Concen: 4.02 ng/ul

RT: 19.69 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BM009187.D

Acq: 10 Mar 2017 22:21

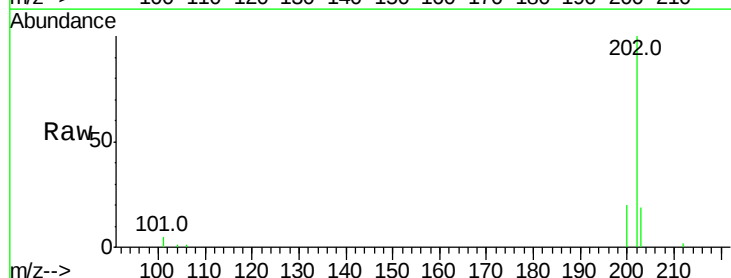
Tgt Ion:202 Resp: 16179

Ion Ratio Lower Upper

202 100

200 19.6 18.2 27.4

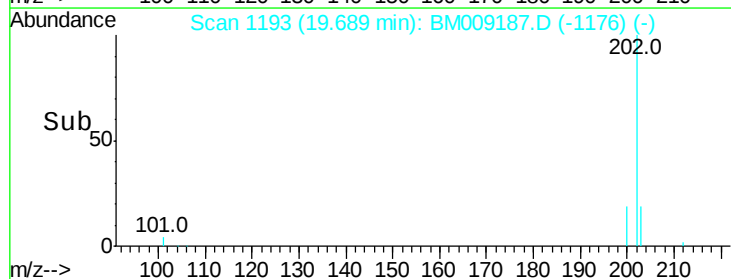
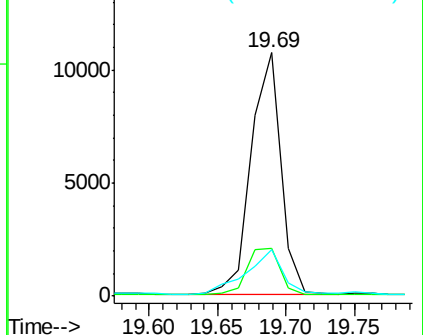
203 19.3 15.6 23.4

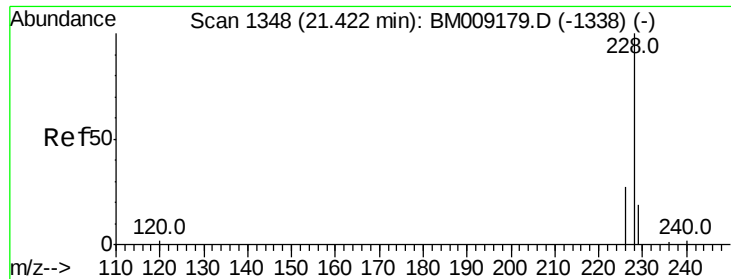


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 2.44 ng/ul

RT: 21.42 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BM009187.D

Acq: 10 Mar 2017 22:21

Instrument :

BNA_M

ClientSampleId :

C0AK1

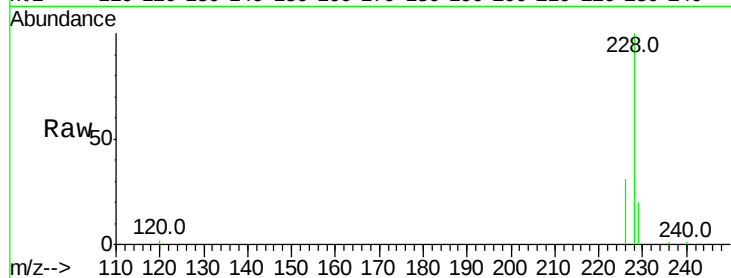
Tot Ion:228 Resp: 9510

Ion Ratio Lower Upper

228 100

226 30.6 22.8 34.2

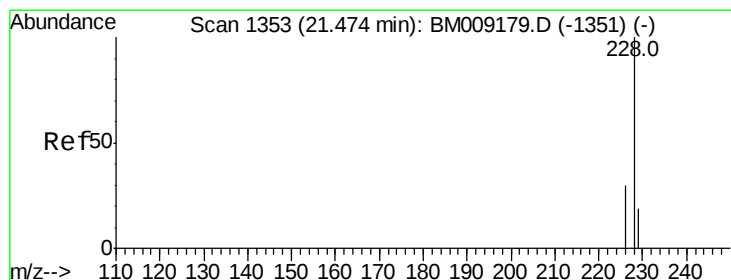
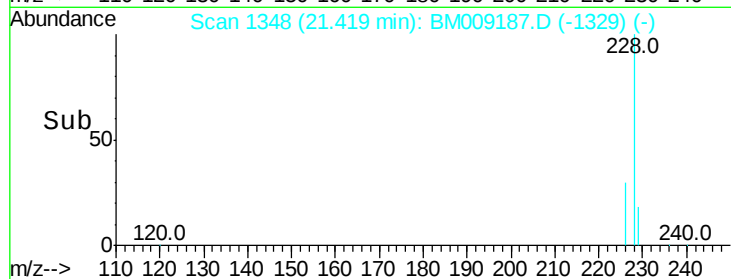
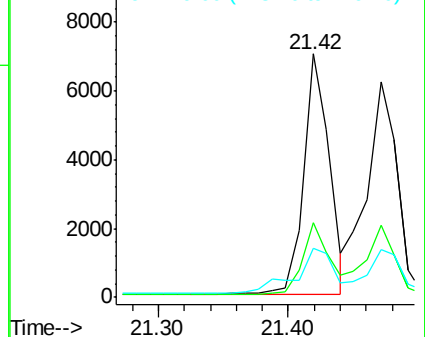
229 20.0 17.0 25.6



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: 2.72 ng/ul

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009187.D

Acq: 10 Mar 2017 22:21

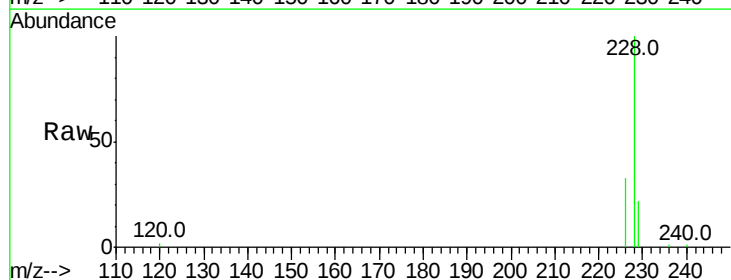
Tgt Ion:228 Resp: 10048

Ion Ratio Lower Upper

228 100

226 33.2 23.4 35.0

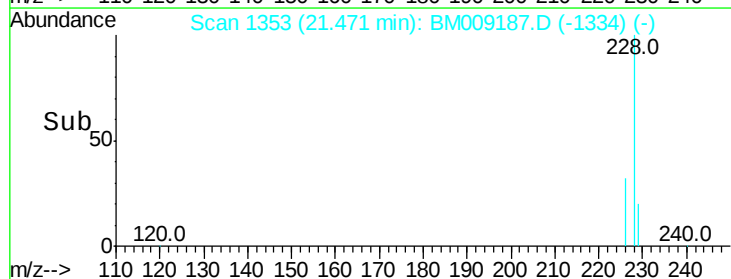
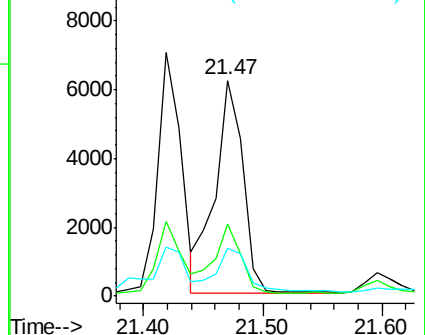
229 22.0 17.7 26.5

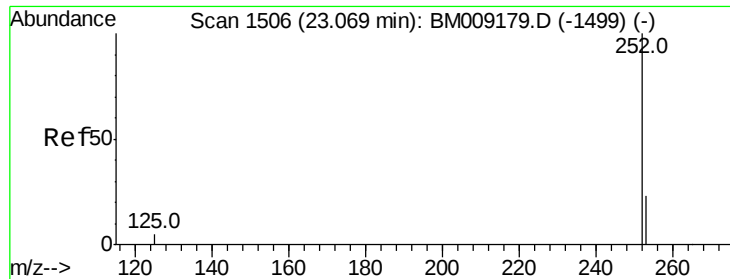


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

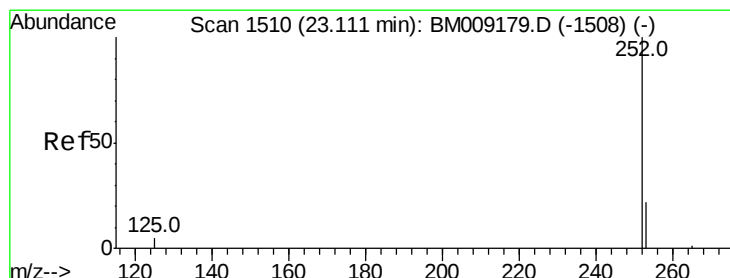
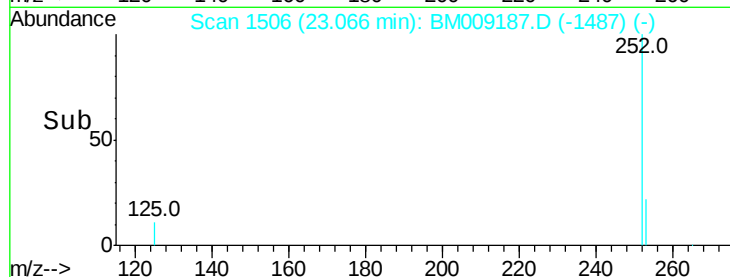
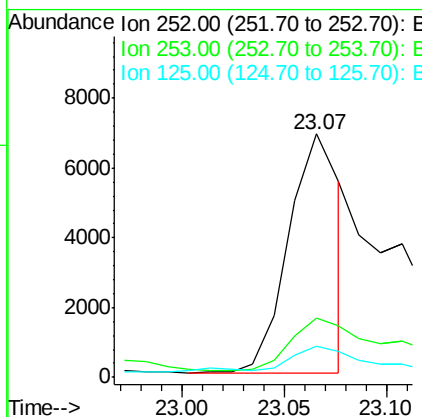
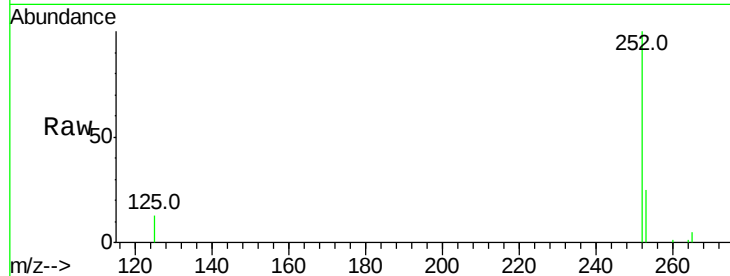




#21
Benzo(b)fluoranthene
Concen: 0.06 ng/u1
RT: 23.07 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

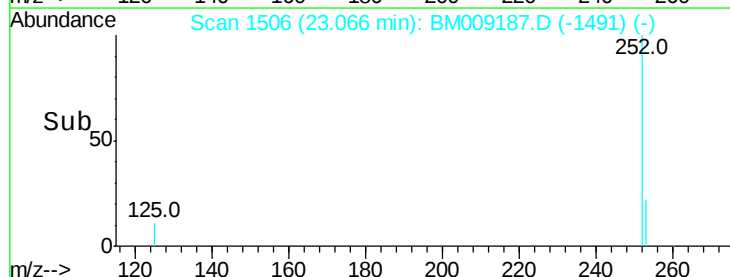
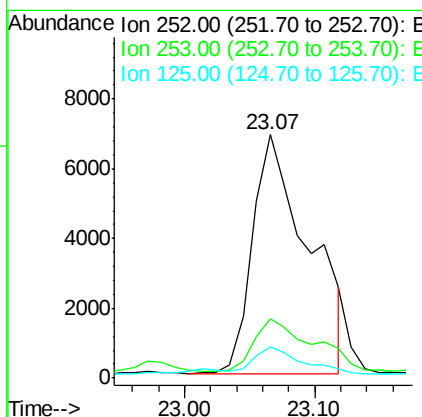
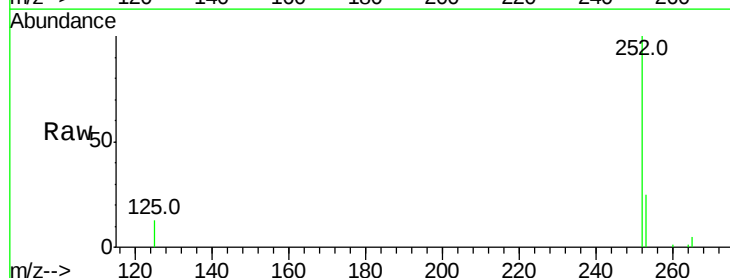
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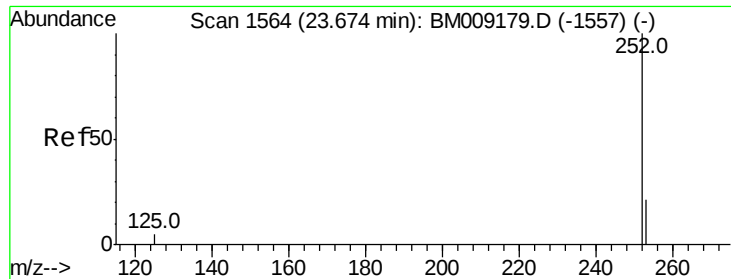
Tot Ion:252 Resp: 11976
Ion Ratio Lower Upper
252 100
253 24.6 0.0 64.2
125 12.6 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.12 ng/u1
RT: 23.07 min Scan# 1506
Delta R.T. -0.05 min
Lab File: BM009187.D
Acq: 10 Mar 2017 22:21

Tgt Ion:252 Resp: 20427
Ion Ratio Lower Upper
252 100
253 24.6 24.5 36.7
125 12.6 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 23.57 min Scan# 1554

Delta R.T. -0.11 min

Lab File: BM009187.D

Acq: 10 Mar 2017 22:21

Instrument :

BNA_M

ClientSampleId :

C0AK1

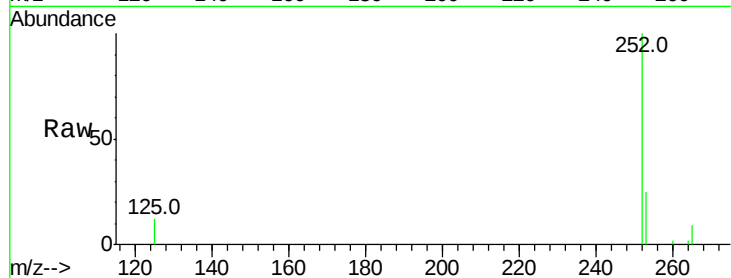
Tot Ion: 252 Resp: 7900

Ion Ratio Lower Upper

252 100

253 25.3 28.5 42.7#

125 11.6 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

