

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031017\
 Data File : BM009185.D
 Acq On : 10 Mar 2017 21:09
 Operator : SJ/MA
 Sample : I2107-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ6

Quant Time: Mar 11 00:55:17 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	349	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	1141	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	854	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	75257	0.40	ng/ul	0.10
16) Chrysene-d12	21.44	240	1704	0.40	ng/ul	0.00
20) Perylene-d12	23.63	264	53309	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	349	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.51	212	55	0.00	ng/ul	0.21

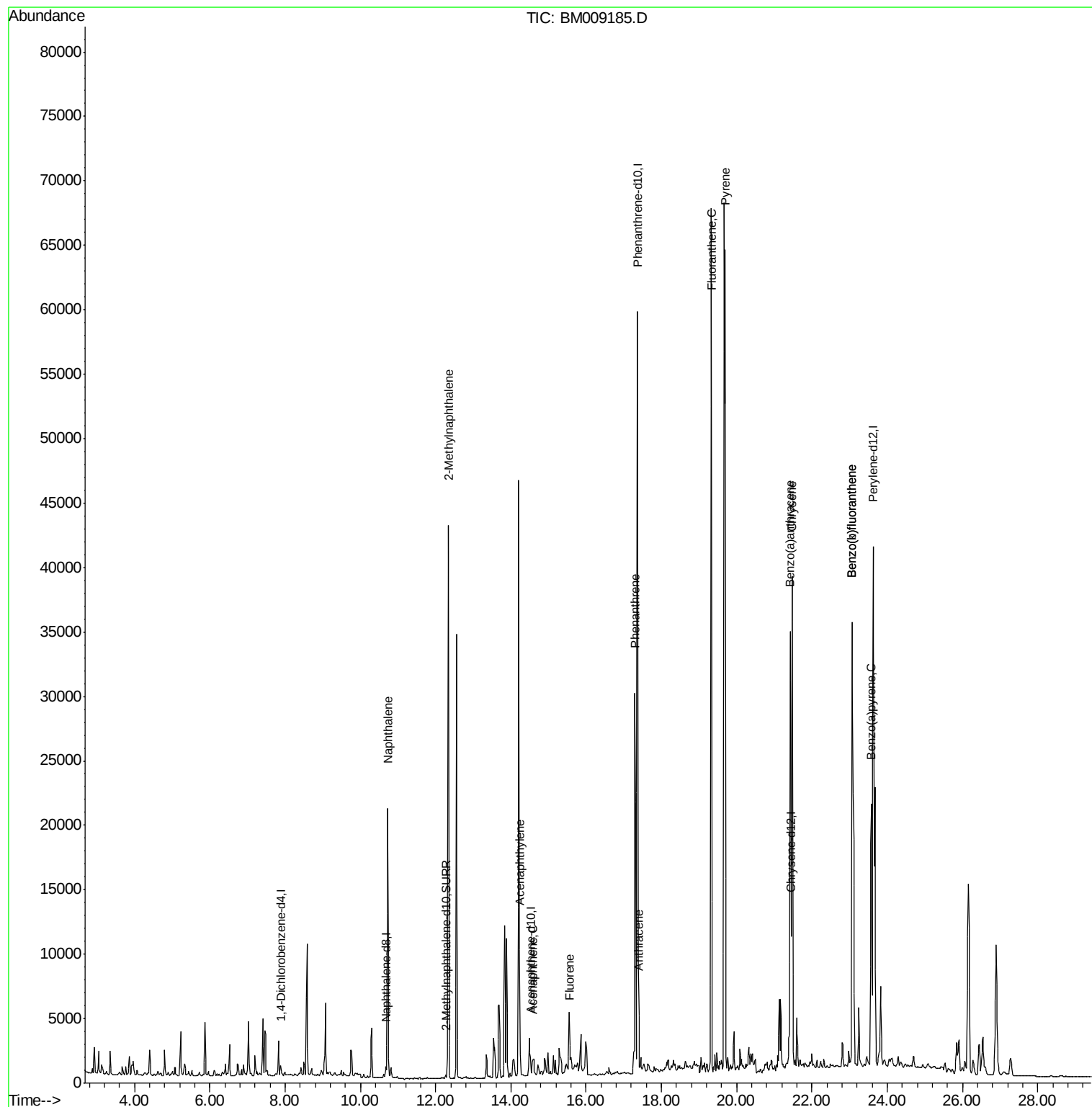
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.73	128	28049	8.53	ng/ul#	93
5) 2-Methylnaphthalene	12.34	142	29125	12.31	ng/ul	100
7) Acenaphthylene	14.23	152	3178	0.72	ng/ul#	79
8) Acenaphthene	14.59	153	1213	0.36	ng/ul#	70
9) Fluorene	15.56	166	1754	0.44	ng/ul#	54
12) Phenanthrene	17.30	178	40396	0.17	ng/ul	97
13) Anthracene	17.40	178	5541	0.02	ng/ul	94
15) Fluoranthene	19.33	202	69314	0.22	ng/ul	93
17) Pyrene	19.69	202	62933	10.74	ng/ul	96
18) Benzo(a)anthracene	21.42	228	33865	5.98	ng/ul	94
19) Chrysene	21.47	228	44444	8.28	ng/ul	93
21) Benzo(b)fluoranthene	23.07	252	45224	0.22	ng/ul	81
22) Benzo(k)fluoranthene	23.07	252	78460	0.42	ng/ul#	83
23) Benzo(a)pyrene	23.58	252	30665	0.16	ng/ul#	78

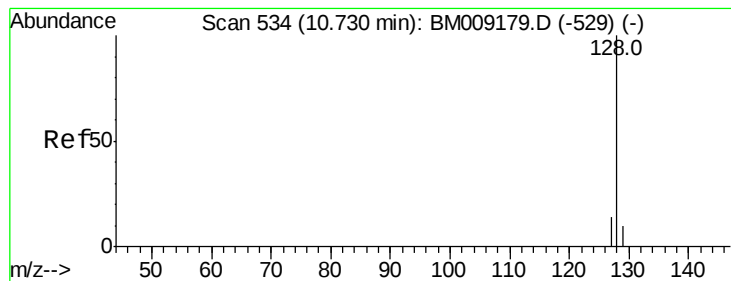
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 8.53 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. -0.00 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

Instrument :

BNA_M

ClientSampleId :

C0AJ6

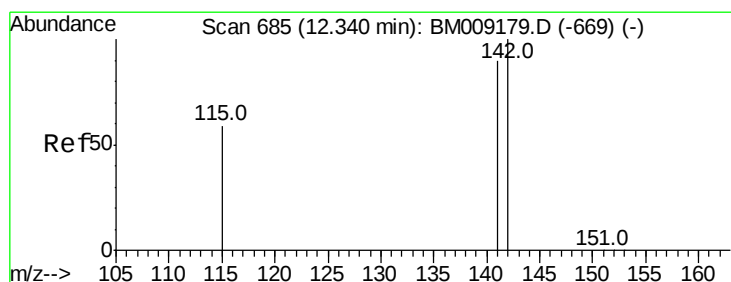
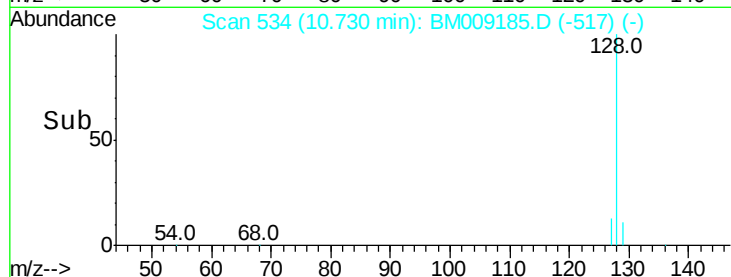
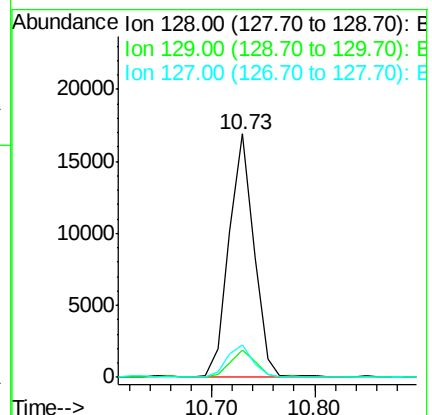
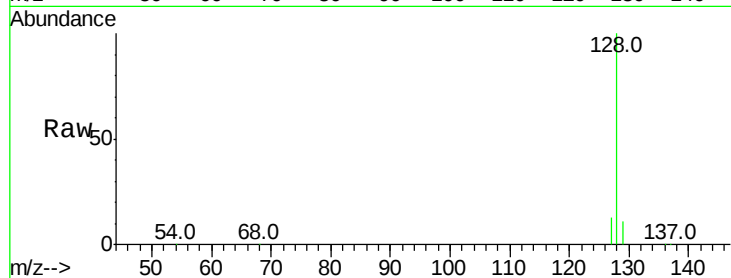
Tot Ion:128 Resp: 28049

Ion Ratio Lower Upper

128 100

129 11.3 11.3 16.9#

127 13.3 12.8 19.2



#5

2-Methylnaphthalene

Concen: 12.31 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM009185.D

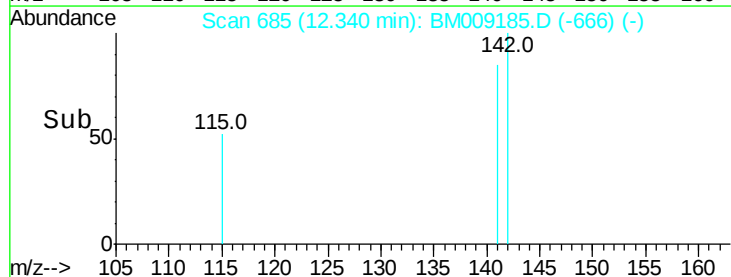
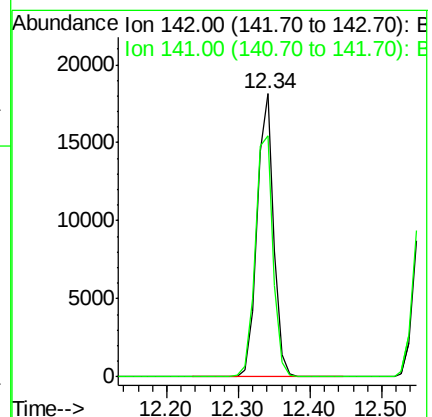
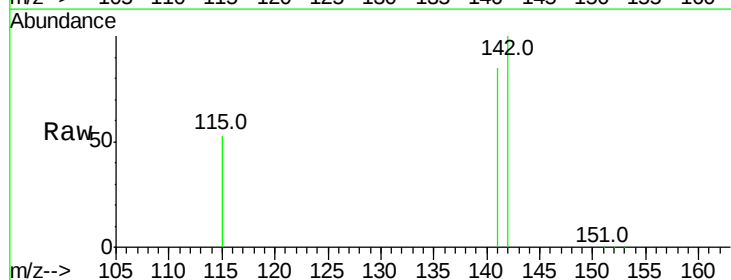
Acq: 10 Mar 2017 21:09

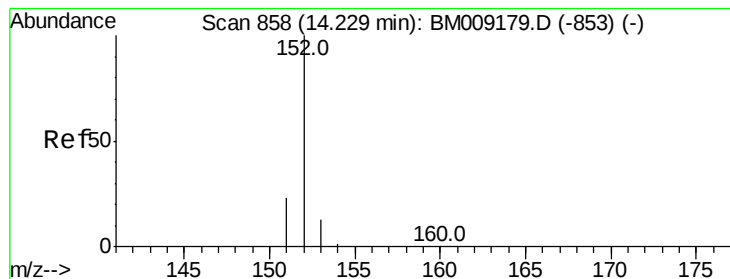
Tgt Ion:142 Resp: 29125

Ion Ratio Lower Upper

142 100

141 91.1 72.6 108.8





#7

Acenaphthylene

Concen: 0.72 ng/ul

RT: 14.23 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

Instrument :

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ClientSampleId :

C0AJ6

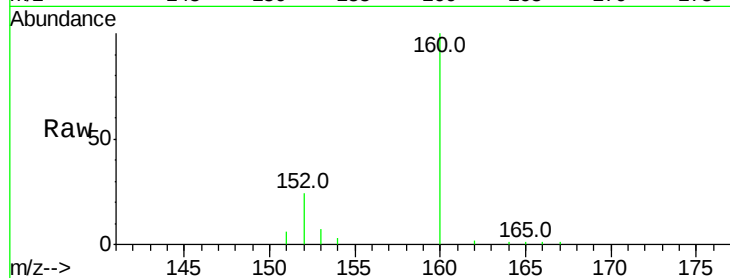
Tot Ion:152 Resp: 3178

Ion Ratio Lower Upper

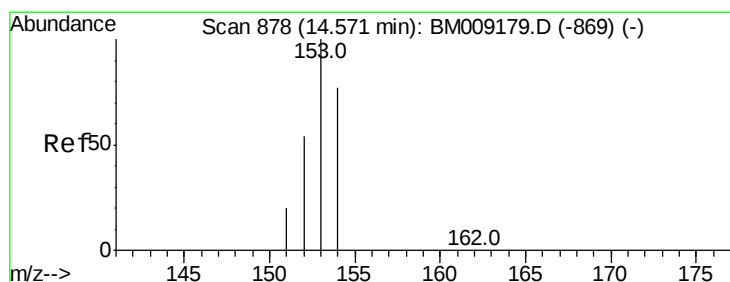
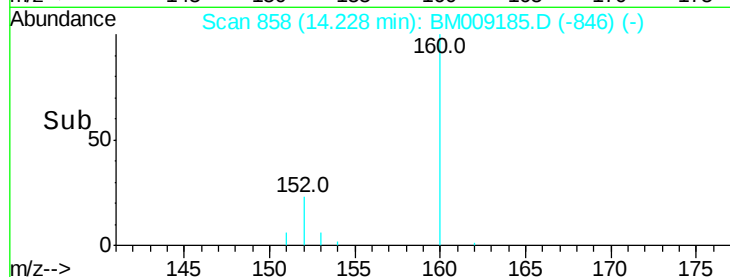
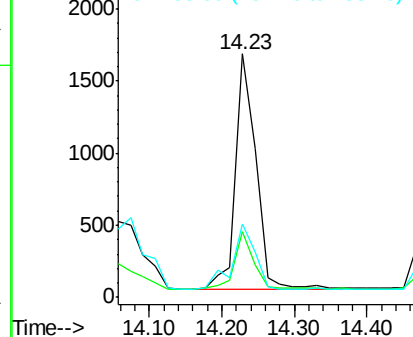
152 100

151 27.2 17.1 25.7#

153 30.1 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: 0.36 ng/ul

RT: 14.59 min Scan# 879

Delta R.T. 0.02 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

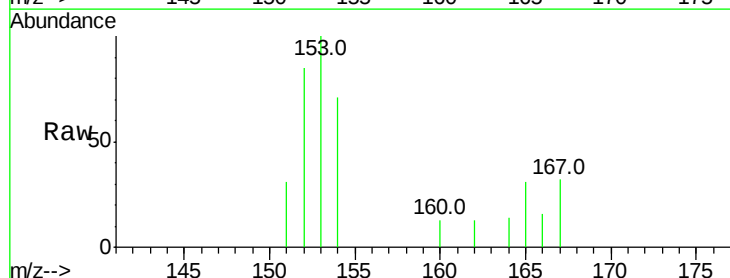
Tgt Ion:153 Resp: 1213

Ion Ratio Lower Upper

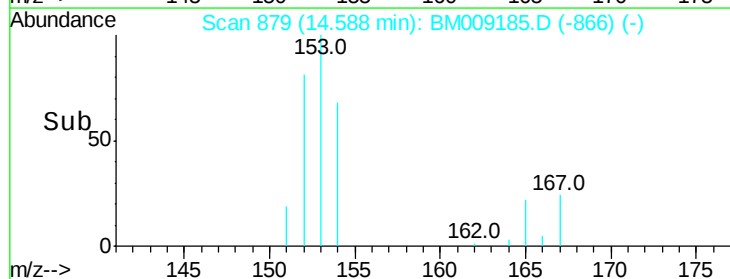
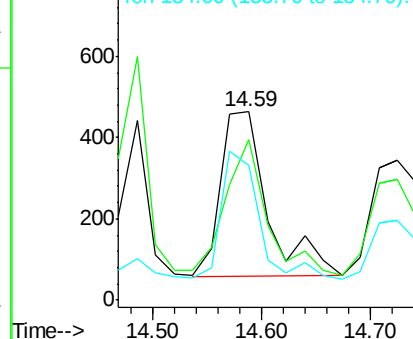
153 100

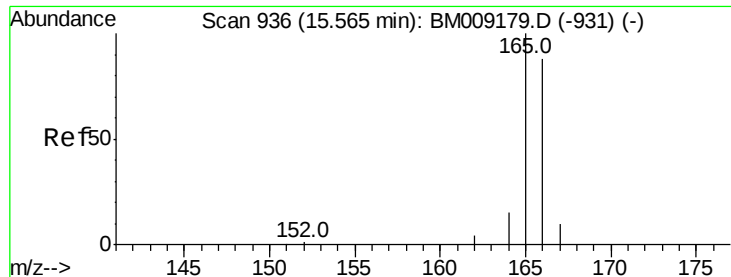
152 85.1 40.3 60.5#

154 71.3 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: 0.44 ng/ul

RT: 15.56 min Scan# 936

Delta R.T. -0.00 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

Instrument :

BNA_M

ClientSampleId :

C0AJ6

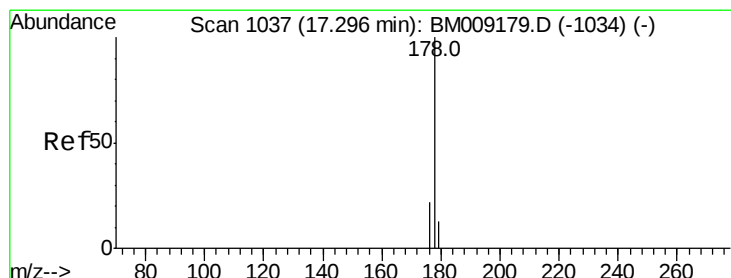
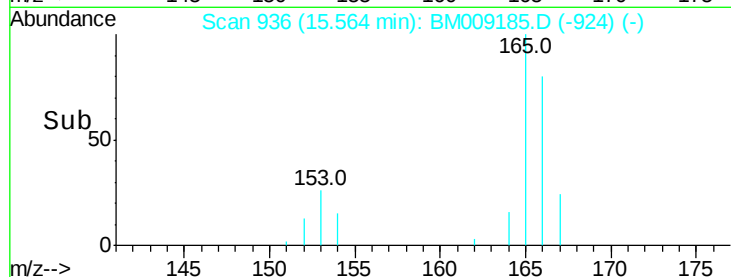
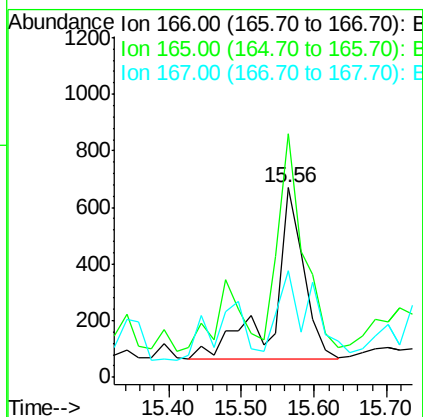
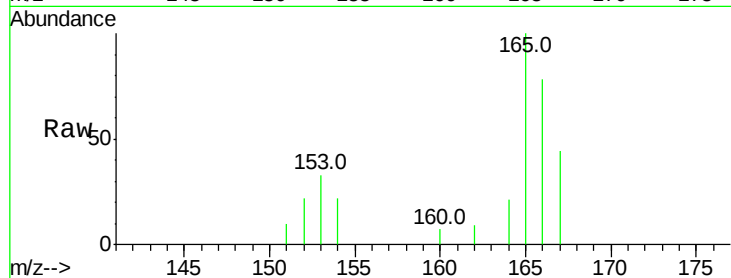
Tot Ion:166 Resp: 1754

Ion Ratio Lower Upper

166 100

165 128.4 73.4 110.2#

167 56.3 14.6 22.0#



#12

Phenanthrene

Concen: 0.17 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

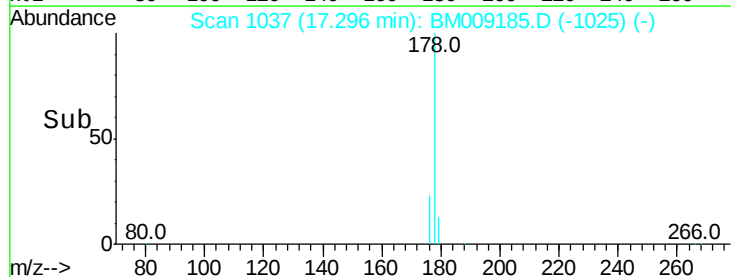
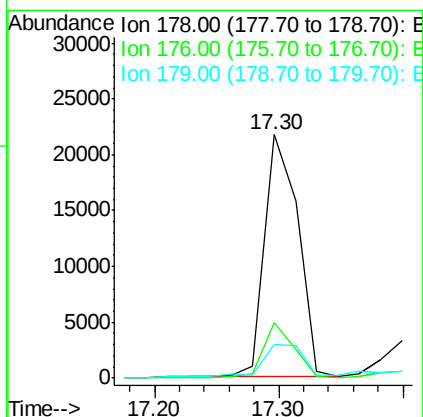
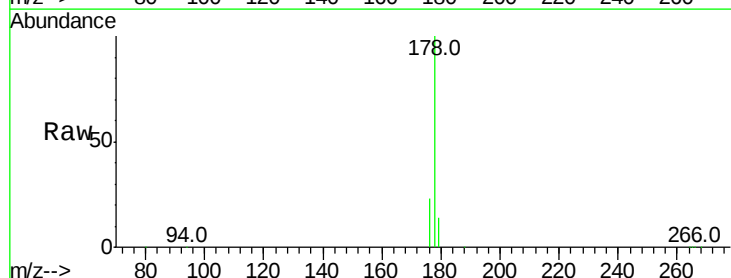
Tgt Ion:178 Resp: 40396

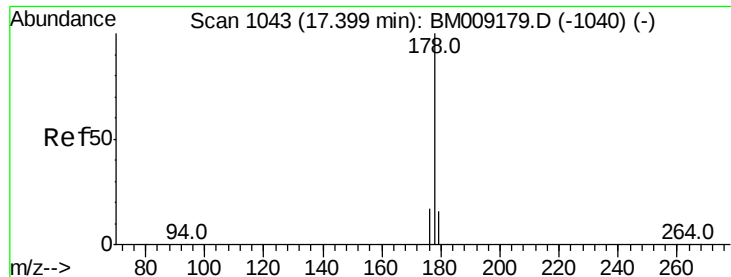
Ion Ratio Lower Upper

178 100

176 23.0 18.4 27.6

179 13.8 13.6 20.4





#13

Anthracene

Concen: 0.02 ng/ul

RT: 17.40 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

Instrument :

BNA_M

ClientSampleId :

C0AJ6

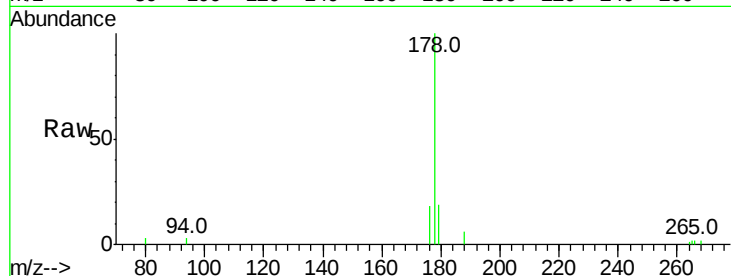
Tot Ion:178 Resp: 5541

Ion Ratio Lower Upper

178 100

176 18.3 18.1 27.1

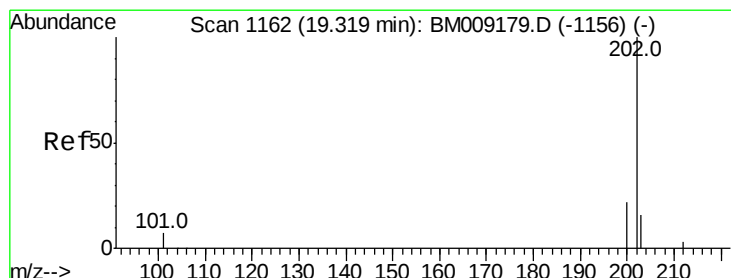
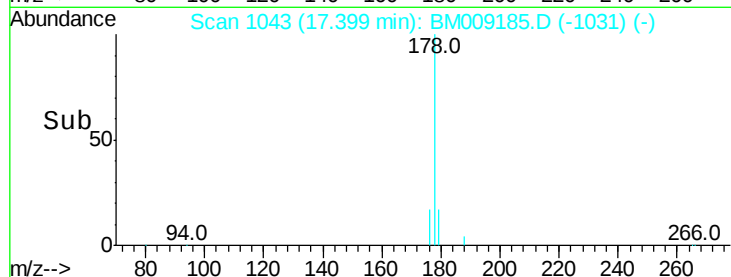
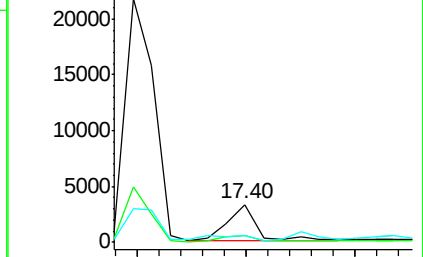
179 19.3 14.7 22.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#15

Fluoranthene

Concen: 0.22 ng/ul

RT: 19.33 min Scan# 1163

Delta R.T. 0.01 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

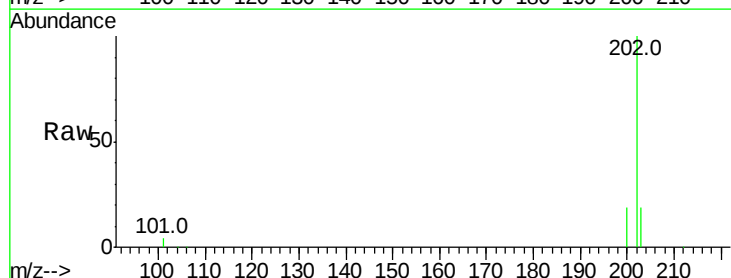
Tgt Ion:202 Resp: 69314

Ion Ratio Lower Upper

202 100

101 4.0 0.0 30.3

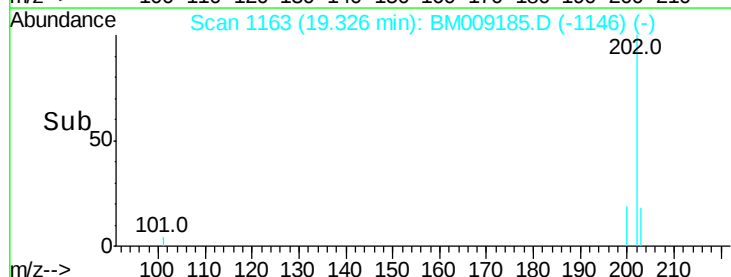
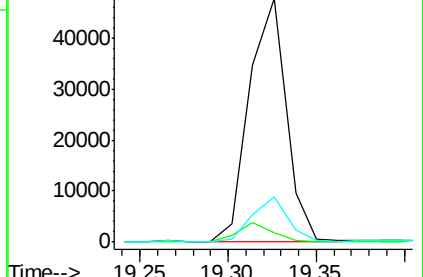
203 18.6 0.0 39.5

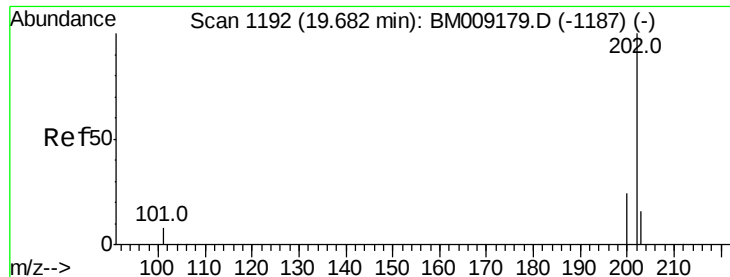


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

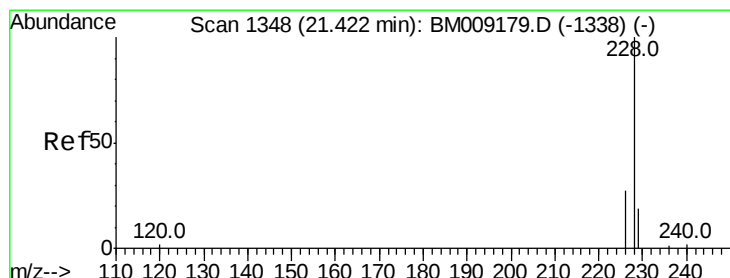
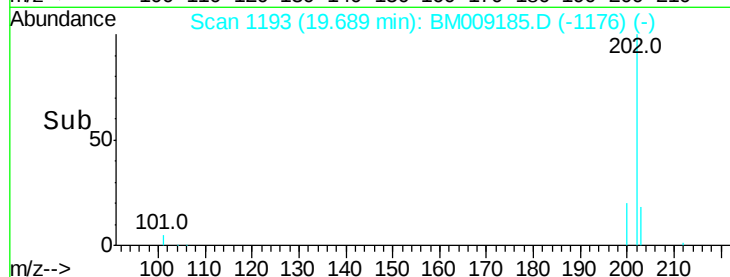
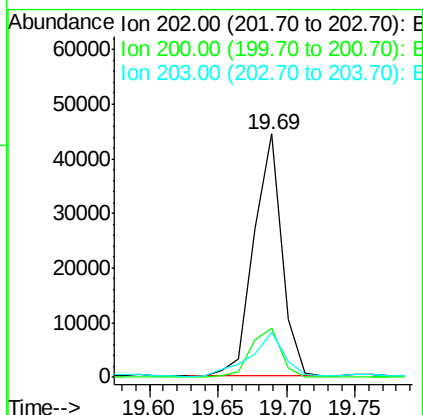
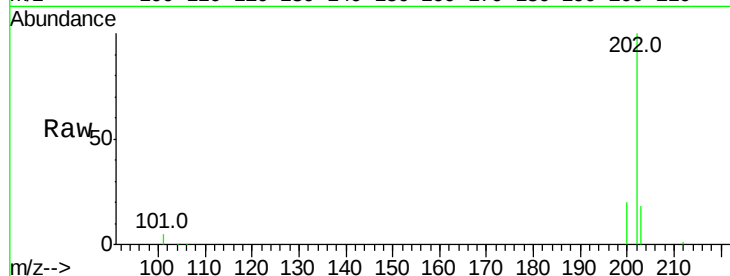




#17
Pvrene
Concen: 10.74 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BM009185.D
Acq: 10 Mar 2017 21:09

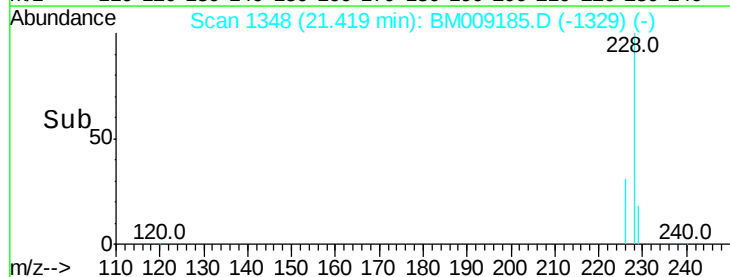
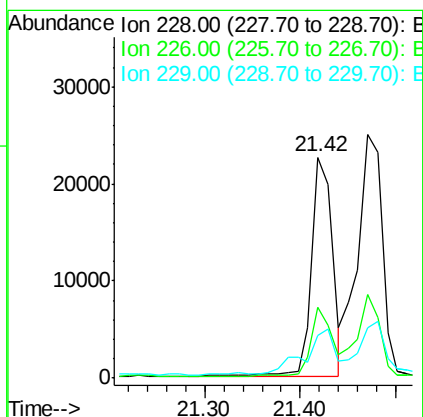
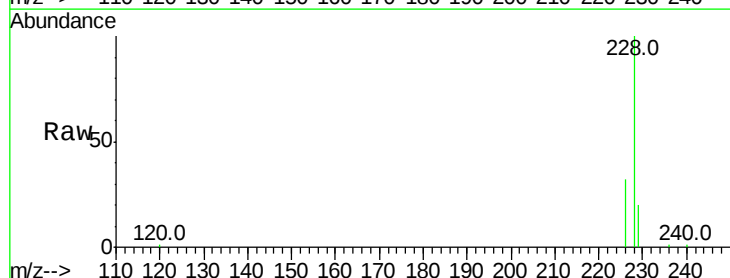
Instrument :
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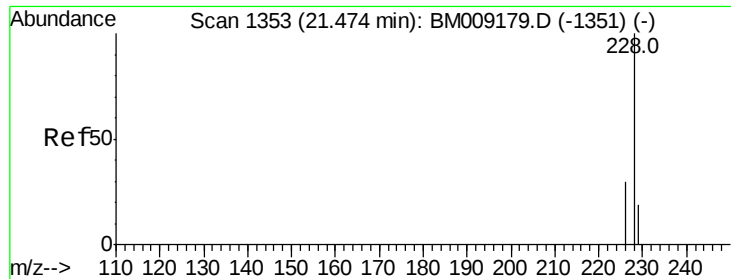
Tot Ion:202 Resp: 62933
Ion Ratio Lower Upper
202 100
200 19.9 18.2 27.4
203 18.5 15.6 23.4



#18
Benzo(a)anthracene
Concen: 5.98 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BM009185.D
Acq: 10 Mar 2017 21:09

Tgt Ion:228 Resp: 33865
Ion Ratio Lower Upper
228 100
226 32.2 22.8 34.2
229 19.5 17.0 25.6





#19

Chrysene

Concen: 8.28 ng/uL

RT: 21.47 min Scan# 1353

Delta R.T. -0.00 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

Instrument :

BNA_M

ClientSampleId :

C0AJ6

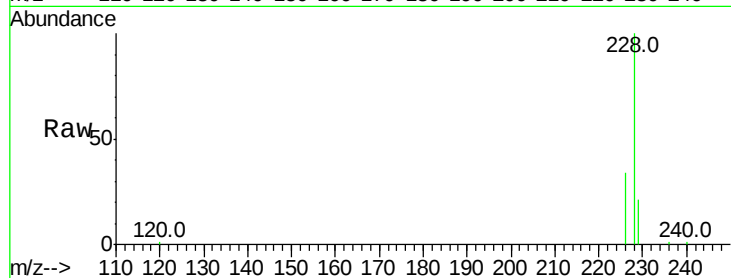
Tot Ion:228 Resp: 44444

Ion Ratio Lower Upper

228 100

226 34.3 23.4 35.0

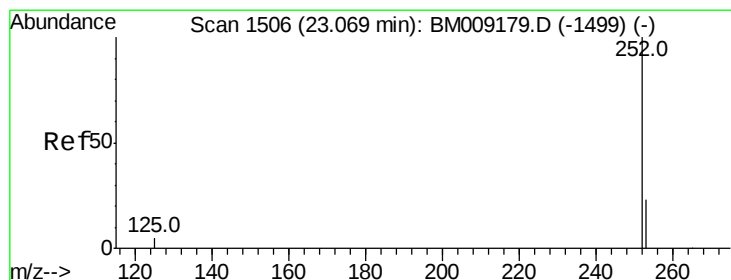
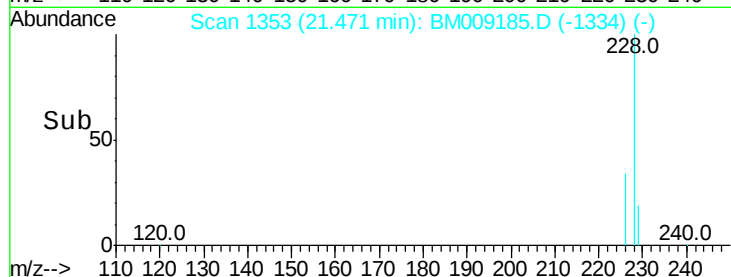
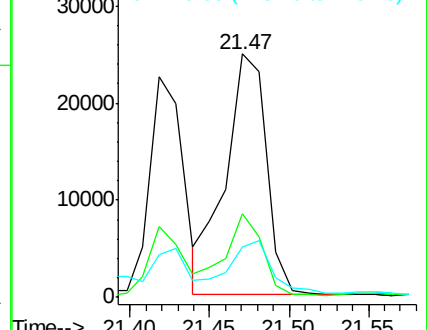
229 20.5 17.7 26.5



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: 0.22 ng/uL

RT: 23.07 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BM009185.D

Acq: 10 Mar 2017 21:09

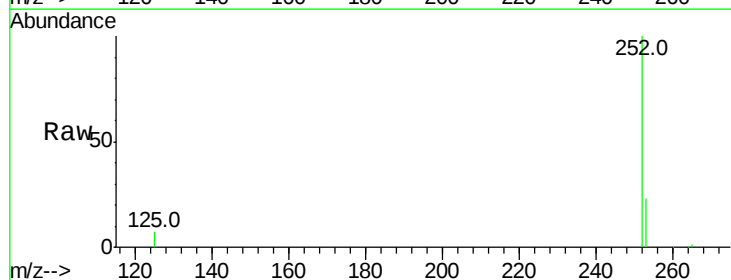
Tgt Ion:252 Resp: 45224

Ion Ratio Lower Upper

252 100

253 22.8 0.0 64.2

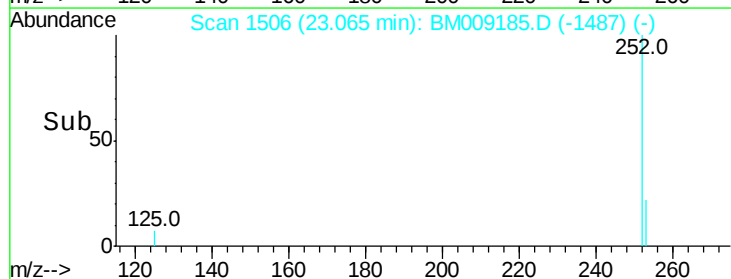
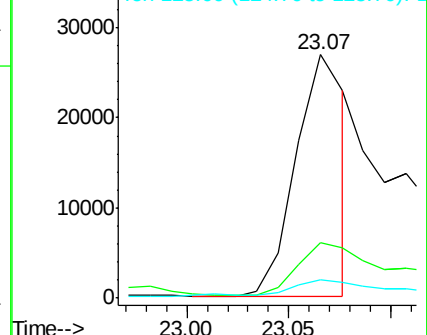
125 7.5 0.0 35.0

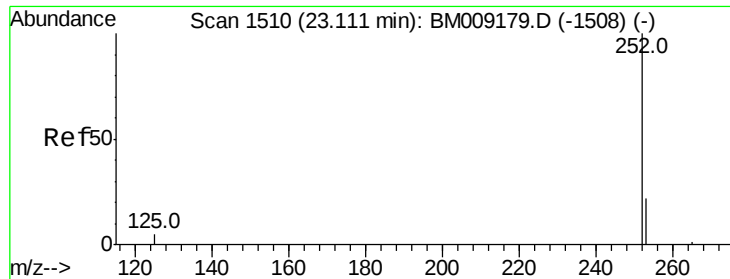


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

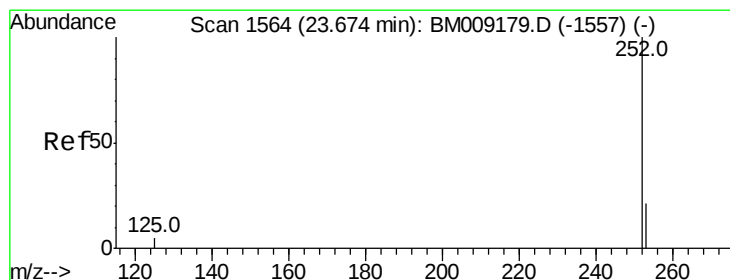
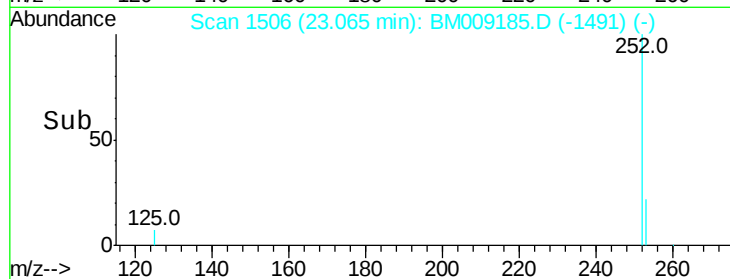
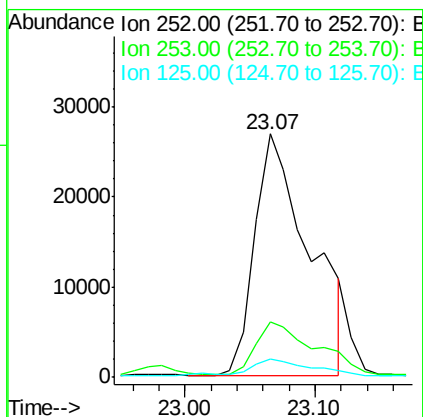
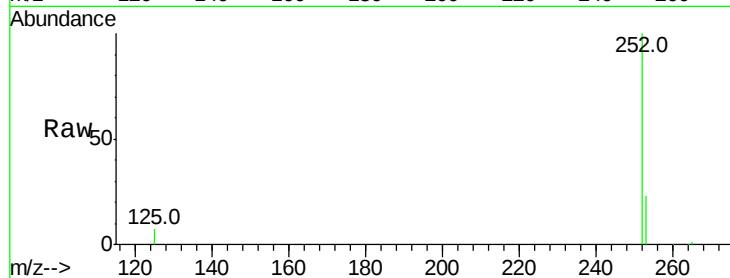




#22
Benzo(k)fluoranthene
Concen: 0.42 ng/uL
RT: 23.07 min Scan# 1506
Delta R.T. -0.05 min
Lab File: BM009185.D
Acq: 10 Mar 2017 21:09

Instrument :
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ClientSampleId :
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Tot Ion:252 Resp: 78460
Ion Ratio Lower Upper
252 100
253 22.8 24.5 36.7#
125 7.5 13.7 20.5#



#23
Benzo(a)pyrene
Concen: 0.16 ng/uL
RT: 23.58 min Scan# 1555
Delta R.T. -0.10 min
Lab File: BM009185.D
Acq: 10 Mar 2017 21:09

Tgt Ion:252 Resp: 30665
Ion Ratio Lower Upper
252 100
253 24.4 28.5 42.7#
125 9.2 18.1 27.1#

