

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
 Data File : BM009122.D
 Acq On : 08 Mar 2017 22:53
 Operator : SJ/MA
 Sample : I2062-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK3

Quant Time: Mar 09 02:45:25 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 02:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	217	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	658	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	392	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.36	188	56554	0.40	ng/ul	0.10
16) Chrysene-d12	21.44	240	1124	0.40	ng/ul	-0.01
20) Perylene-d12	23.63	264	61419	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	240	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	733	0.00	ng/ul	0.00

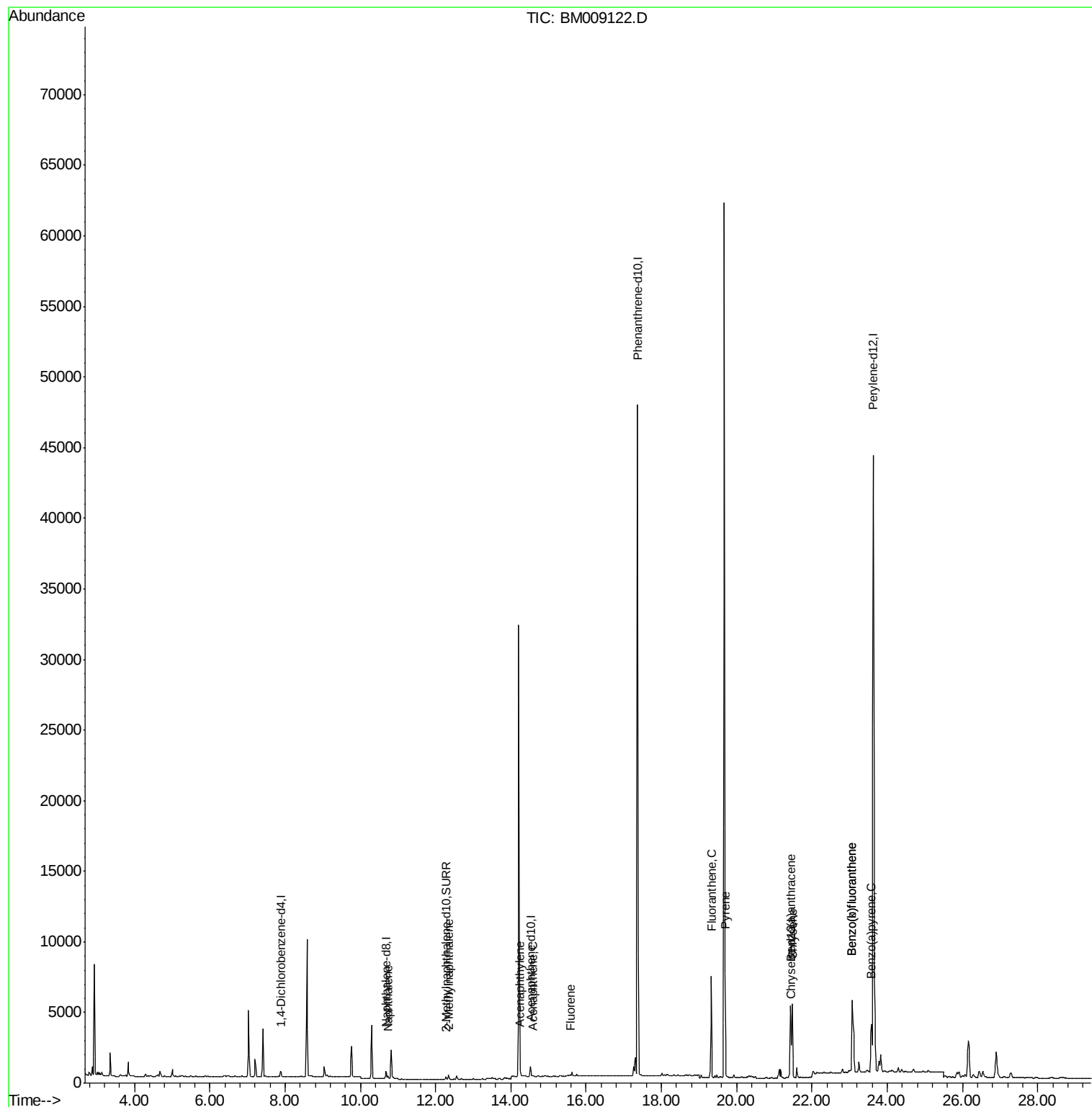
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.73	128	261	0.14	ng/ul#	56
5) 2-Methylnaphthalene	12.34	142	222	0.16	ng/ul	100
7) Acenaphthylene	14.25	152	202	0.10	ng/ul#	40
8) Acenaphthene	14.59	153	57	0.04	ng/ul#	79
9) Fluorene	15.58	166	85	0.05	ng/ul#	80
15) Fluoranthene	19.33	202	6713	0.03	ng/ul	95
17) Pyrene	19.69	202	6495	1.68	ng/ul	98
18) Benzo(a)anthracene	21.43	228	5541	1.48	ng/ul	95
19) Chrysene	21.48	228	5774	1.63	ng/ul	97
21) Benzo(b)fluoranthene	23.07	252	6547	0.03	ng/ul	87
22) Benzo(k)fluoranthene	23.07	252	11864	0.06	ng/ul#	89
23) Benzo(a)pyrene	23.58	252	5082	0.02	ng/ul#	82

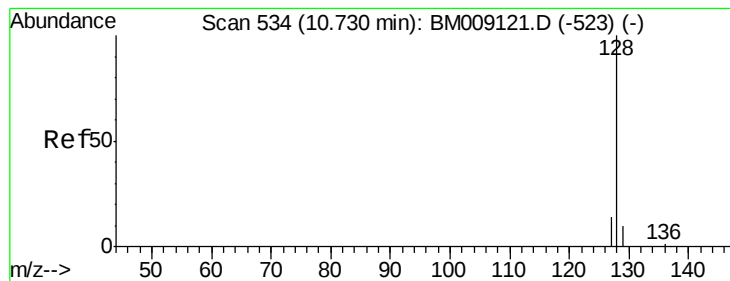
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.14 ng/ul

RT: 10.73 min Scan# 534

Delta R.T. 0.00 min

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Acq: 08 Mar 2017 22:53

Instrument :

BNA_M

ClientSampleId :

C0AK3

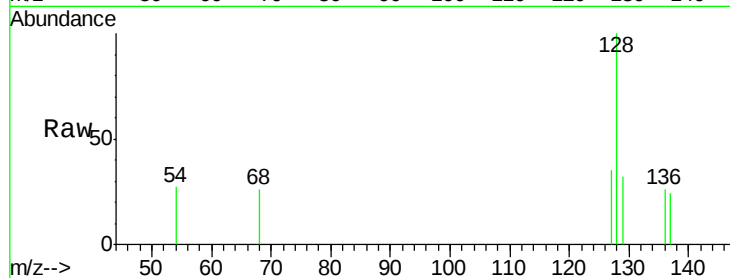
Tgt Ion:128 Resp: 261

Ion Ratio Lower Upper

128 100

129 31.8 11.3 16.9#

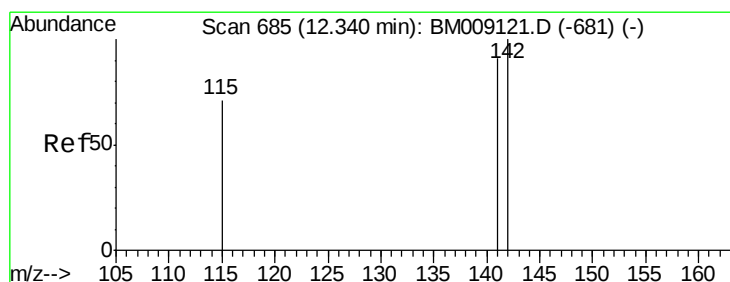
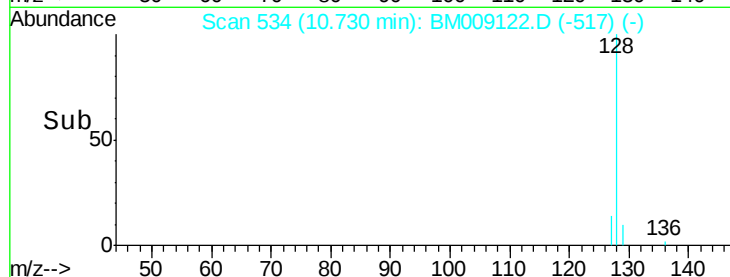
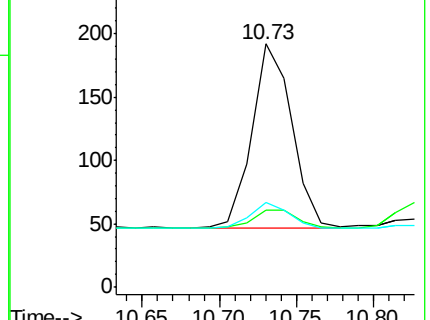
127 34.9 12.8 19.2#



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: 0.16 ng/ul

RT: 12.34 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM009122.D

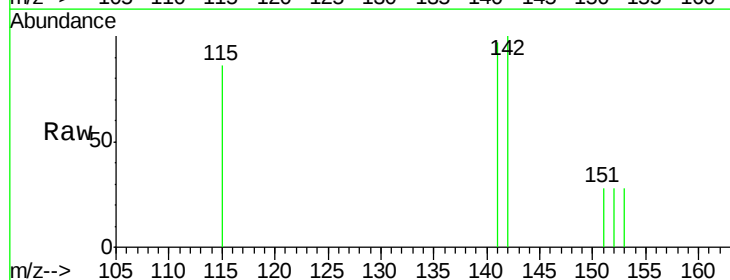
Acq: 08 Mar 2017 22:53

Tgt Ion:142 Resp: 222

Ion Ratio Lower Upper

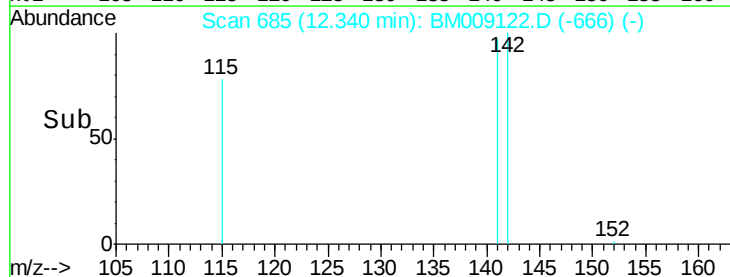
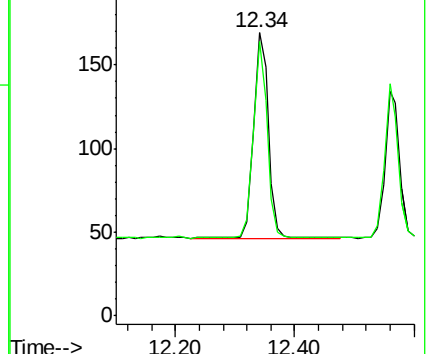
142 100

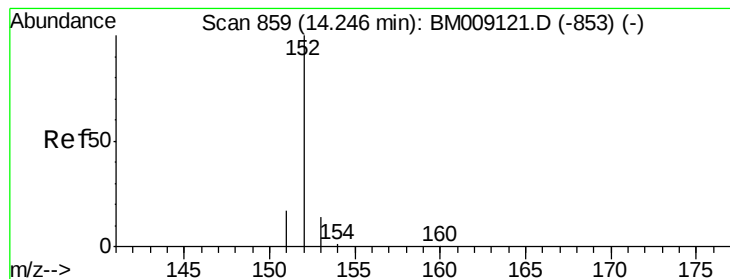
141 91.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.10 ng/ul

RT: 14.25 min Scan# 859

Delta R.T. 0.00 min

Lab File: BM009122.D

Acq: 08 Mar 2017 22:53

Instrument :

BNA_M

ClientSampleId :

C0AK3

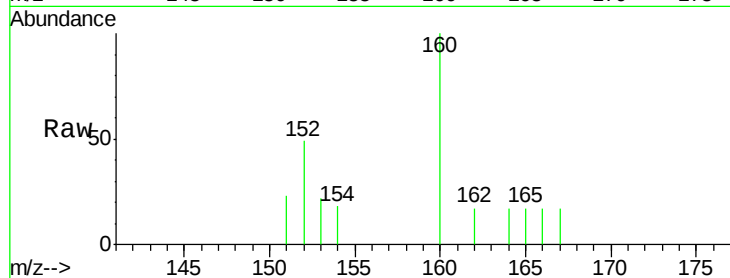
Tgt Ion:152 Resp: 202

Ion Ratio Lower Upper

152 100

151 46.8 17.1 25.7#

153 44.6 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

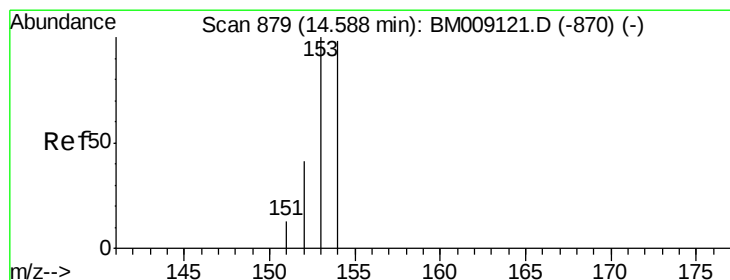
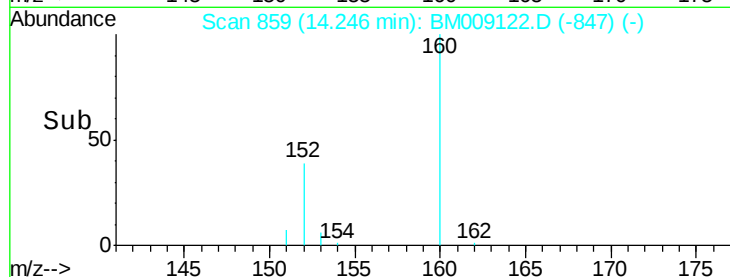
14.25

100

50

0

Time--> 14.10 14.20 14.30 14.40



#8

Acenaphthene

Concen: 0.04 ng/ul

RT: 14.59 min Scan# 879

Delta R.T. 0.00 min

Lab File: BM009122.D

Acq: 08 Mar 2017 22:53

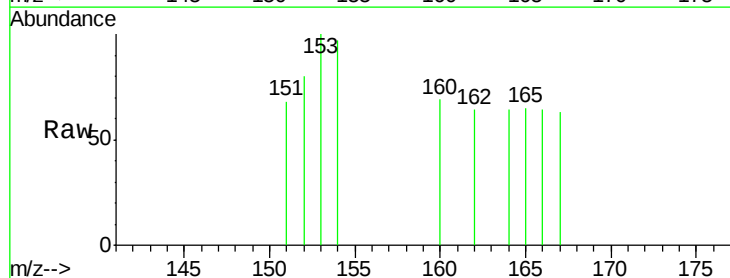
Tgt Ion:153 Resp: 57

Ion Ratio Lower Upper

153 100

152 80.0 40.3 60.5#

154 97.3 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

14.59

80

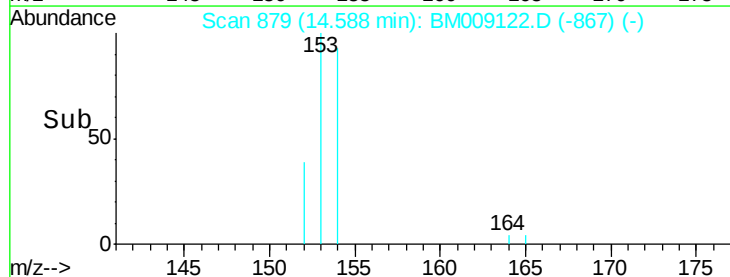
60

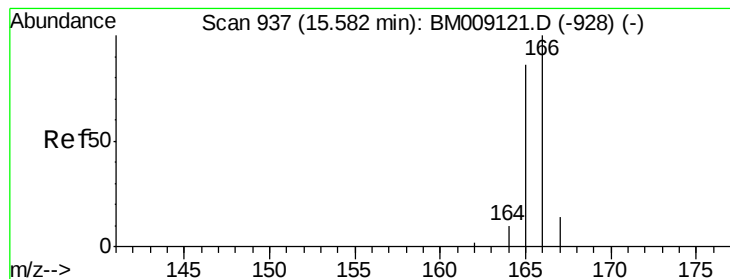
40

20

0

Time--> 14.50 14.55 14.60 14.65





#9

Fluorene

Concen: 0.05 ng/ul

RT: 15.58 min Scan# 937

Delta R.T. 0.00 min

Lab File: BM009122.D

Acq: 08 Mar 2017 22:53

Instrument :

BNA_M

ClientSampleId :

C0AK3

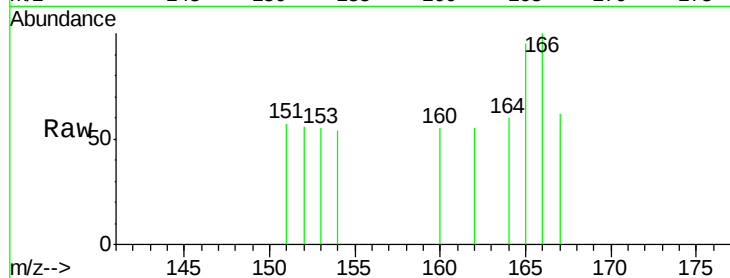
Tgt Ion:166 Resp: 85

Ion Ratio Lower Upper

166 100

165 95.4 73.4 110.2

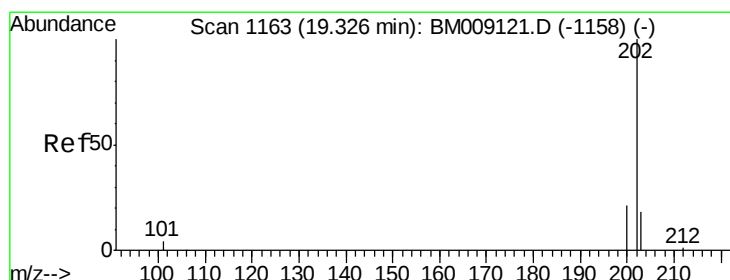
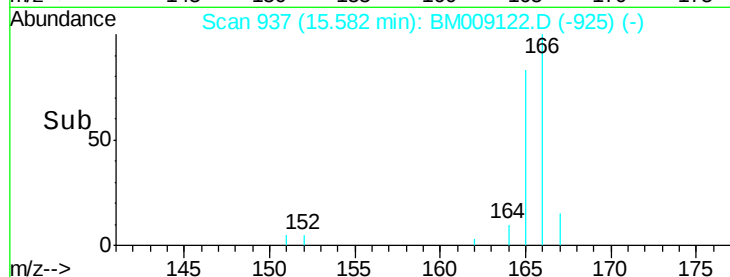
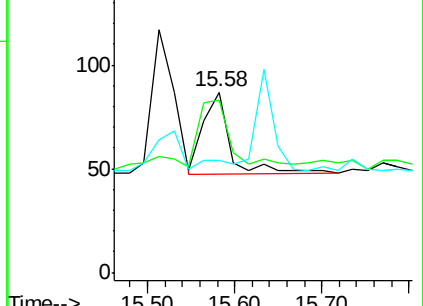
167 62.1 14.6 22.0#



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



#15

Fluoranthene

Concen: 0.03 ng/ul

RT: 19.33 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BM009122.D

Acq: 08 Mar 2017 22:53

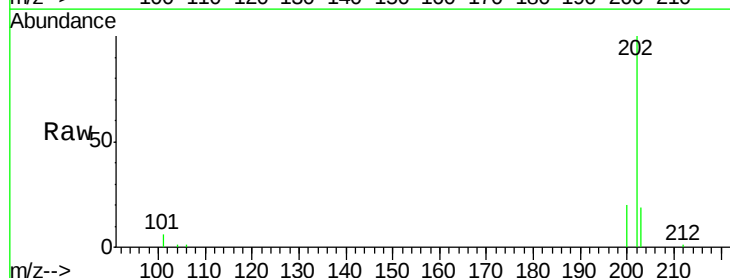
Tgt Ion:202 Resp: 6713

Ion Ratio Lower Upper

202 100

101 6.0 0.0 30.3

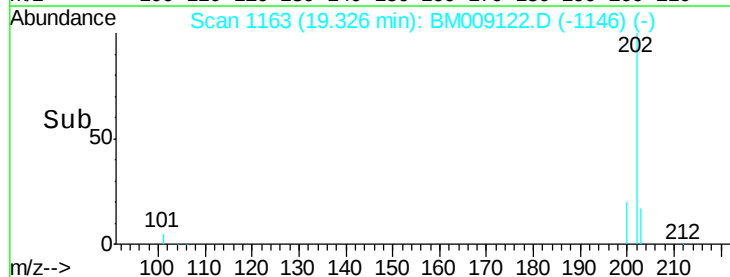
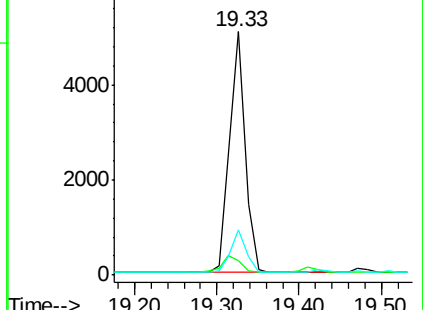
203 18.6 0.0 39.5

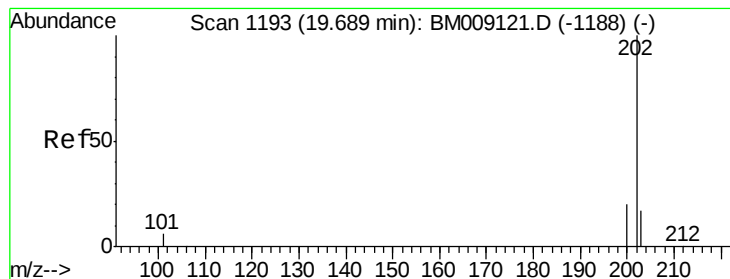


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pyrene

Concen: 1.68 ng/ul

RT: 19.69 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BM009122.D

Acq: 08 Mar 2017 22:53

Instrument :

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ClientSampleId :

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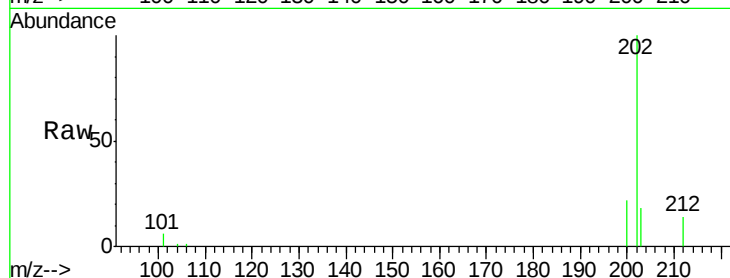
Tgt Ion:202 Resp: 6495

Ion Ratio Lower Upper

202 100

200 21.5 18.2 27.4

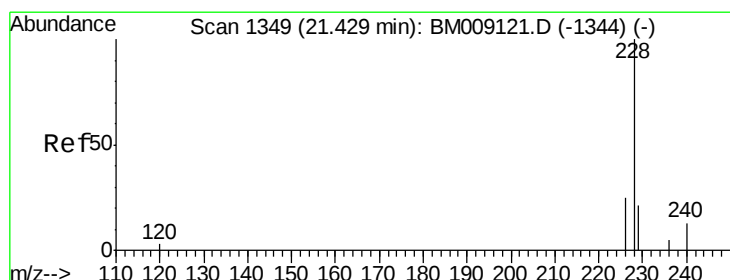
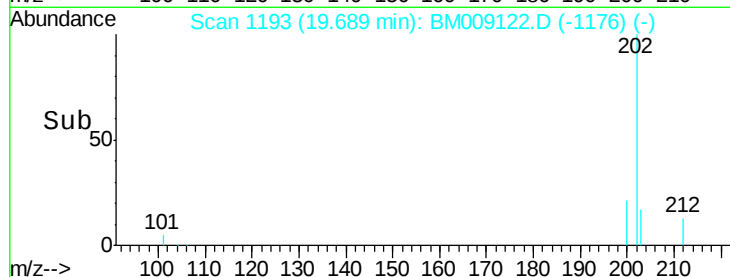
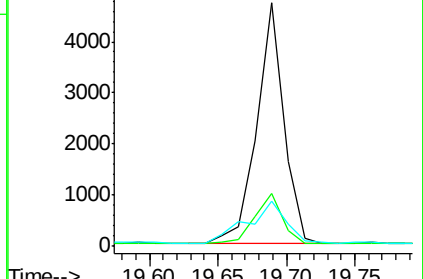
203 18.5 15.6 23.4



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: 1.48 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BM009122.D

Acq: 08 Mar 2017 22:53

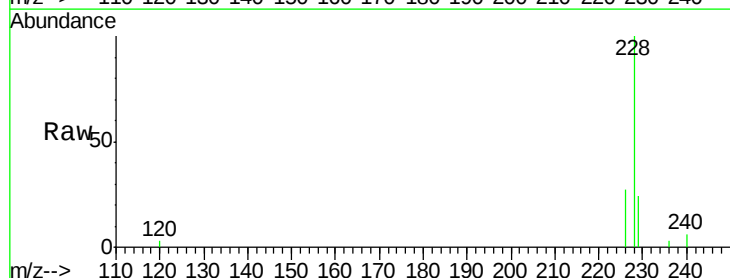
Tgt Ion:228 Resp: 5541

Ion Ratio Lower Upper

228 100

226 26.6 22.8 34.2

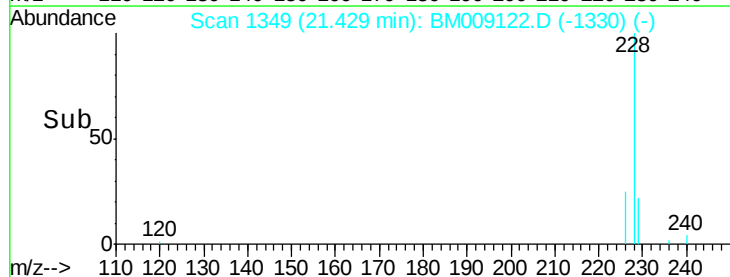
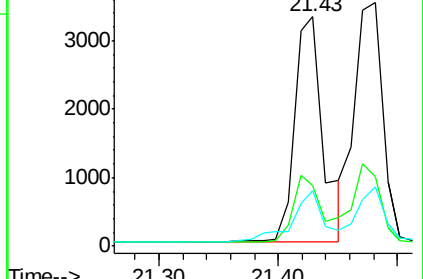
229 24.0 17.0 25.6

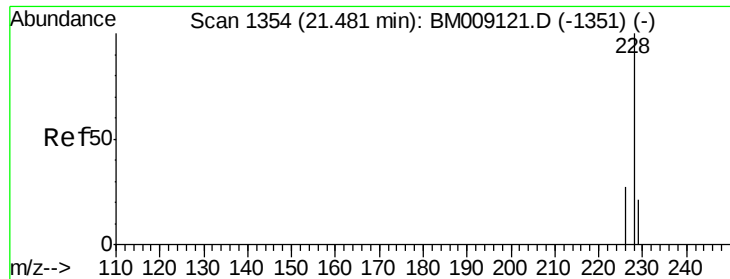


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 1.63 ng/ul

RT: 21.48 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BM009122.D

Acq: 08 Mar 2017 22:53

Instrument :

BNA_M

ClientSampleId :

C0AK3

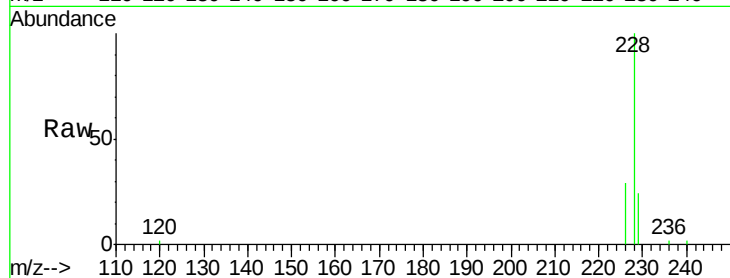
Tgt Ion:228 Resp: 5774

Ion Ratio Lower Upper

228 100

226 28.7 23.4 35.0

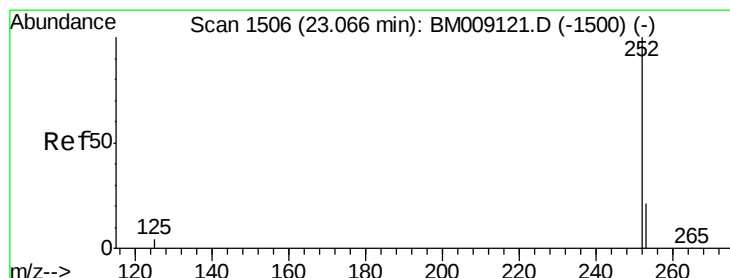
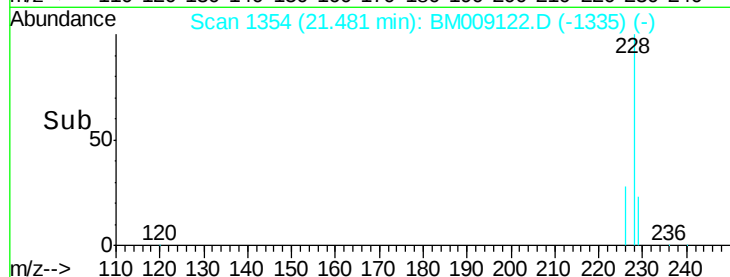
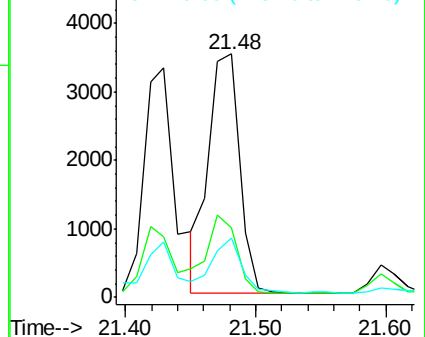
229 24.3 17.7 26.5



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: 0.03 ng/ul

RT: 23.07 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BM009122.D

Acq: 08 Mar 2017 22:53

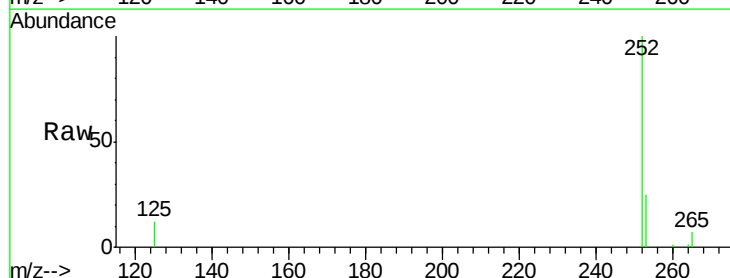
Tgt Ion:252 Resp: 6547

Ion Ratio Lower Upper

252 100

253 25.2 0.0 64.2

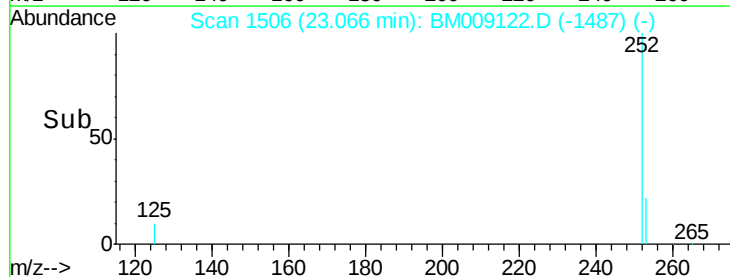
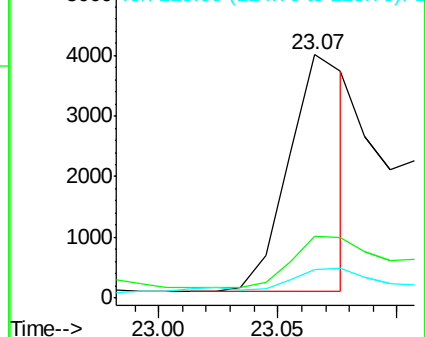
125 11.8 0.0 35.0

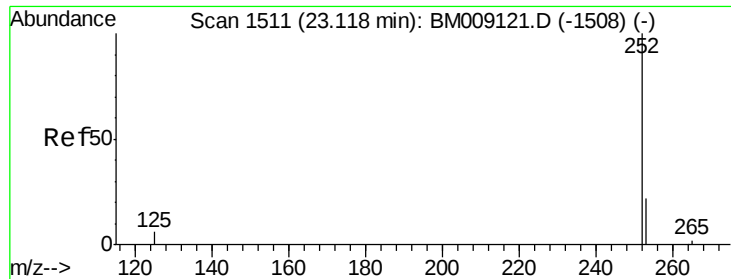


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.06 ng/u1

RT: 23.07 min Scan# 1506

Delta R.T. -0.05 min

Lab File: BM009122.D

Acq: 08 Mar 2017 22:53

Instrument :

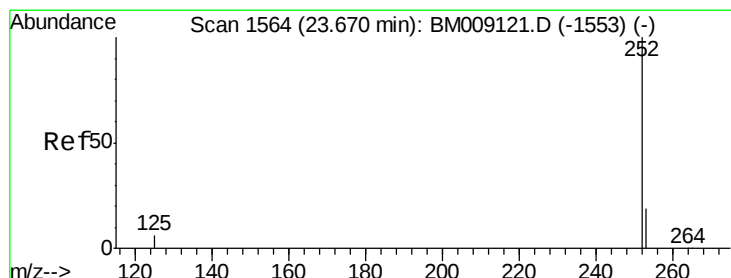
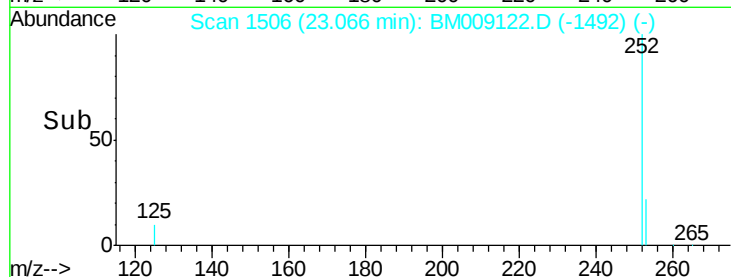
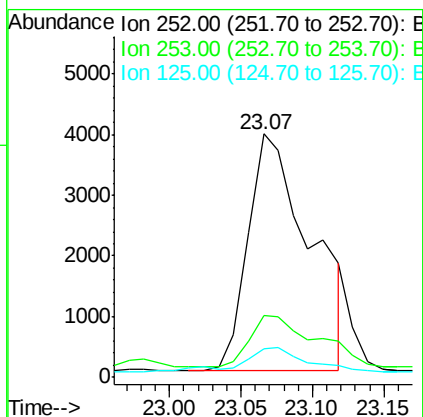
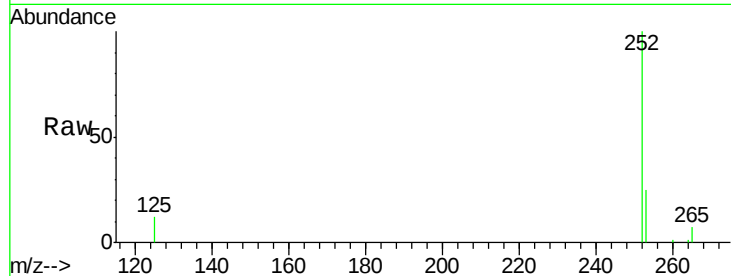
BNA_M

ClientSampleId :

C0AK3

Tgt Ion:252 Resp: 11864

Ion	Ratio	Lower	Upper
252	100		
253	25.2	24.5	36.7
125	11.8	13.7	20.5#



#23

Benzo(a)pyrene

Concen: 0.02 ng/u1

RT: 23.58 min Scan# 1555

Delta R.T. -0.09 min

Lab File: BM009122.D

Acq: 08 Mar 2017 22:53

Tgt Ion:252 Resp: 5082

Ion	Ratio	Lower	Upper
252	100		
253	27.9	28.5	42.7#
125	10.8	18.1	27.1#

