

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111915\
 Data File : BM003194.D
 Acq On : 19 Nov 2015 17:41
 Operator : UM/IZ
 Sample : PB86663BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK63

Quant Time: Nov 20 03:40:09 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 03:16:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	14534	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	55508	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	29248	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	3941062	0.40	ng/ul	0.10
18) Chrysene-d12	21.33	240	48066	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	3942736	0.40	ng/ul	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
2) 1,4-Dioxane-d8	3.20	96	89641	5.77	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	22647	0.30	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	40755	0.00	ng/ul	0.00

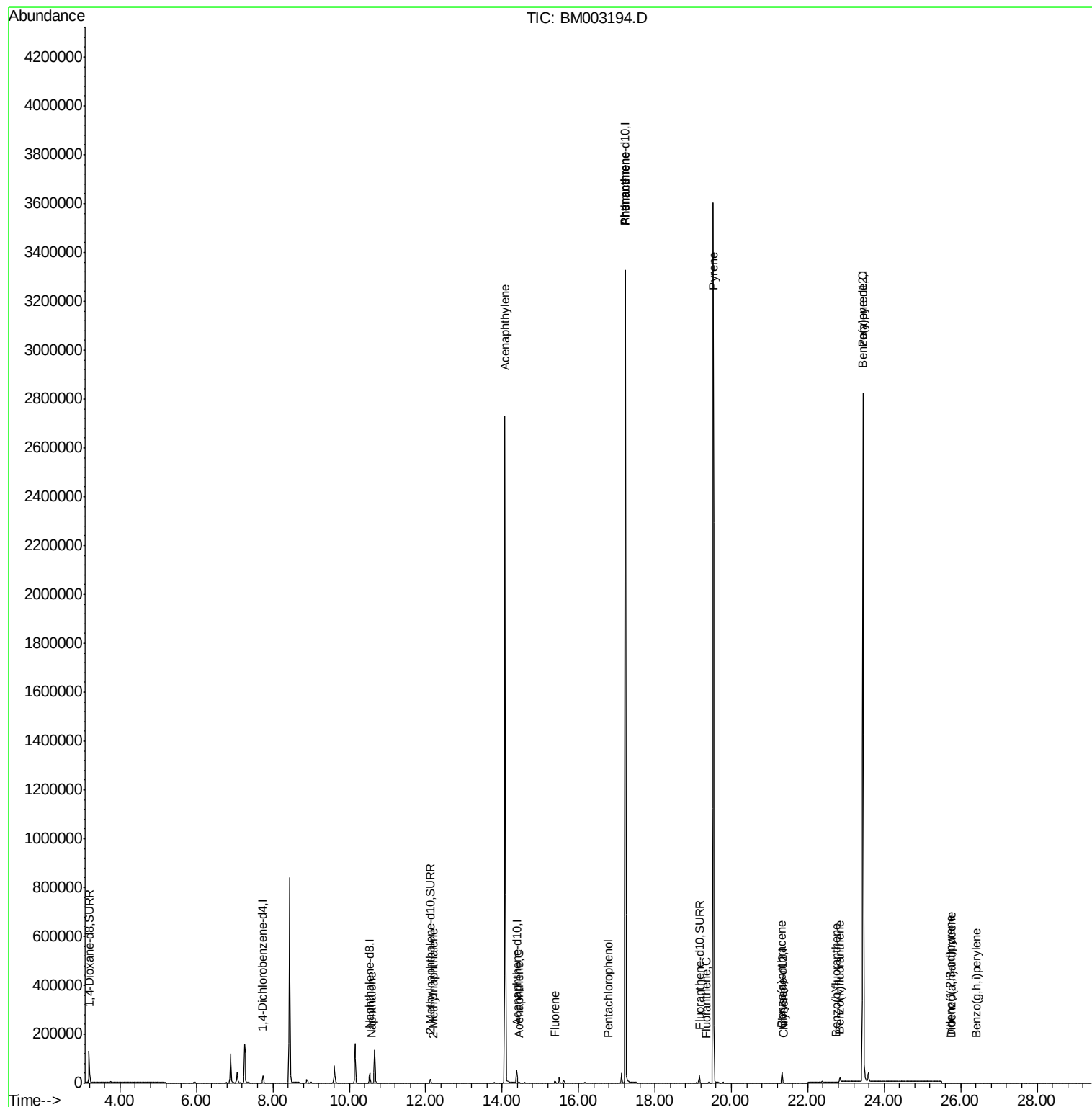
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.58	128	125	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.20	142	46	0.00	ng/ul#	100
9) Acenaphthylene	14.07	152	437	0.00	ng/ul#	1
10) Acenaphthene	14.43	153	173	0.00	ng/ul#	46
11) Fluorene	15.39	166	7259	0.07	ng/ul#	17
13) Pentachlorophenol	16.78	266	410	0.00	ng/ul#	13
14) Phenanthrene	17.23	178	1988	0.00	ng/ul#	1
15) Anthracene	17.23	178	1807	0.00	ng/ul#	1
17) Fluoranthene	19.35	202	62	0.00	ng/ul#	1
19) Pyrene	19.53	202	6731	0.04	ng/ul#	1
20) Benzo(a)anthracene	21.32	228	353	0.00	ng/ul#	30
21) Chrysene	21.36	228	206	0.00	ng/ul#	28
23) Benzo(b)fluoranthene	22.75	252	34	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.83	252	127	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.44	252	14609	0.00	ng/ul#	72
26) Indeno(1,2,3-cd)pyrene	25.72	276	6	0.00	ng/ul#	100
27) Dibenzo(a,h)anthracene	25.76	278	20	0.00	ng/ul#	1
28) Benzo(a,h,i)perylene	26.42	276	23	0.00	ng/ul#	1

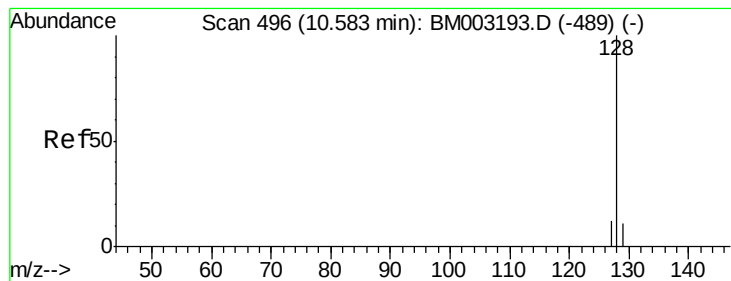
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.58 min Scan# 496

Delta R.T. -0.00 min

Lab File: BM003194.D

Acq: 19 Nov 2015 17:41

Instrument :

BNA_M

ClientSampleId :

SBLK63

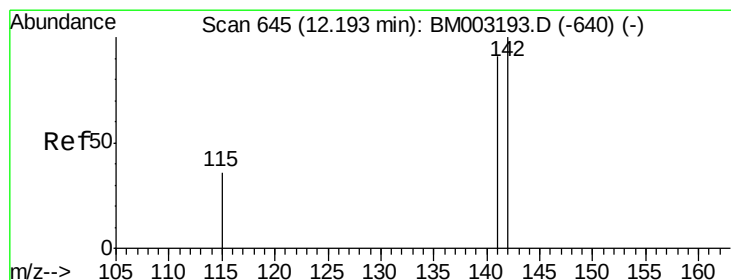
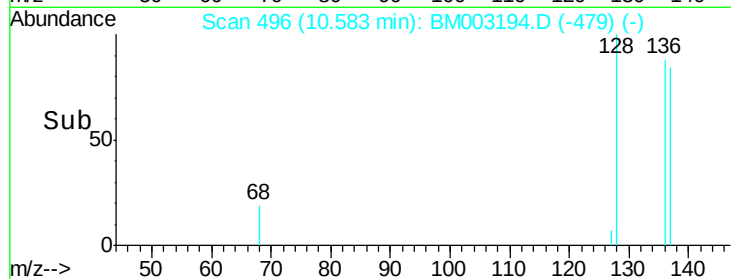
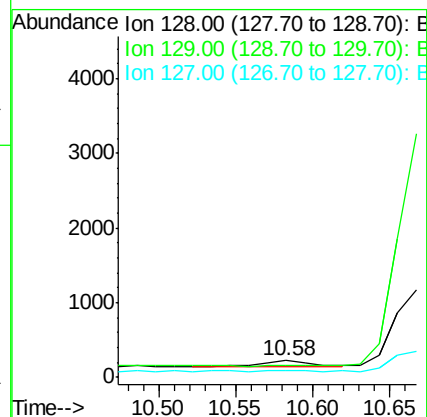
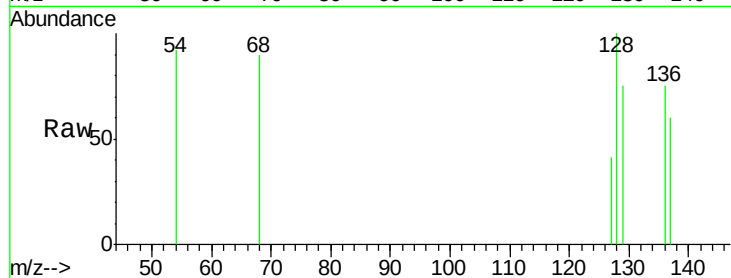
Tot Ion:128 Resp: 125

Ion Ratio Lower Upper

128 100

129 74.7 9.0 13.6#

127 41.2 9.6 14.4#



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.20 min Scan# 646

Delta R.T. 0.01 min

Lab File: BM003194.D

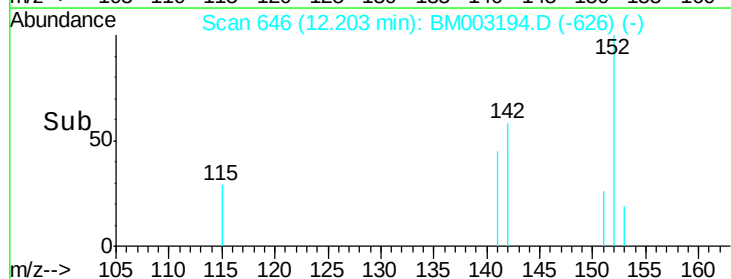
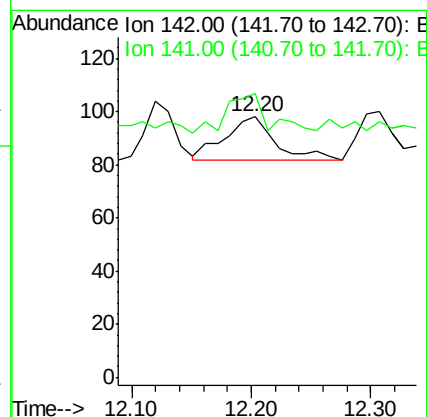
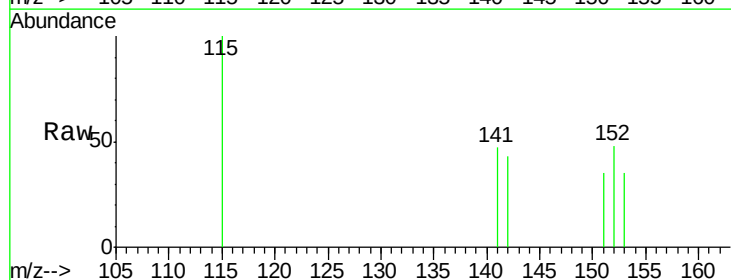
Acq: 19 Nov 2015 17:41

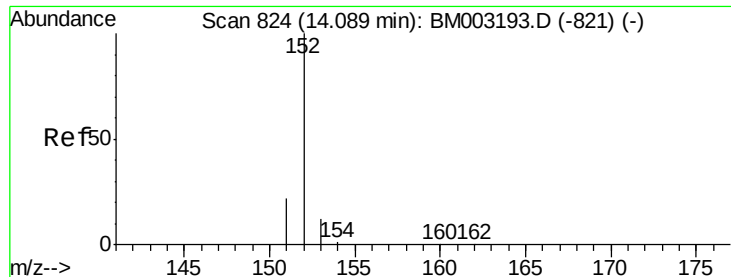
Tgt Ion:142 Resp: 46

Ion Ratio Lower Upper

142 100

141 78.3 0.0 0.0#





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.07 min Scan# 823

Delta R.T. -0.02 min

Lab File: BM003194.D

Acq: 19 Nov 2015 17:41

Instrument :

BNA_M

ClientSampleId :

SBLK63

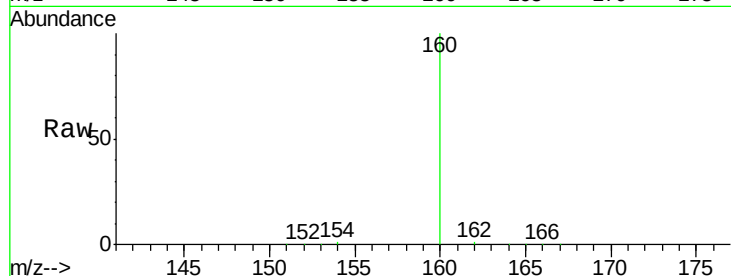
Tot Ion:152 Resp: 437

Ion Ratio Lower Upper

152 100

151 51.1 17.6 26.4#

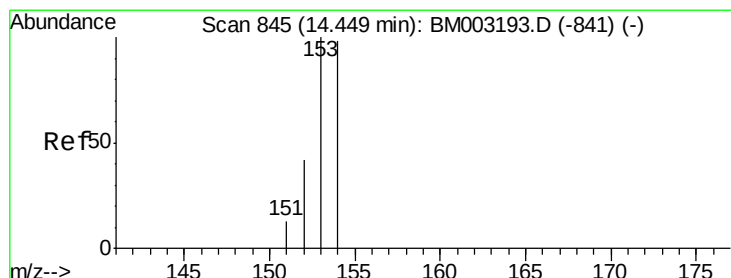
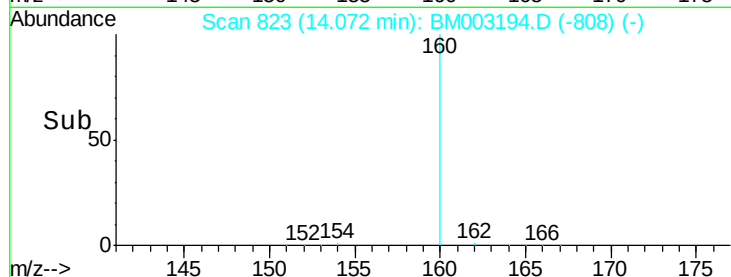
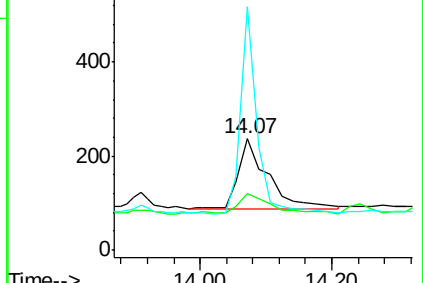
153 218.1 9.7 14.5#



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



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.43 min Scan# 844

Delta R.T. -0.02 min

Lab File: BM003194.D

Acq: 19 Nov 2015 17:41

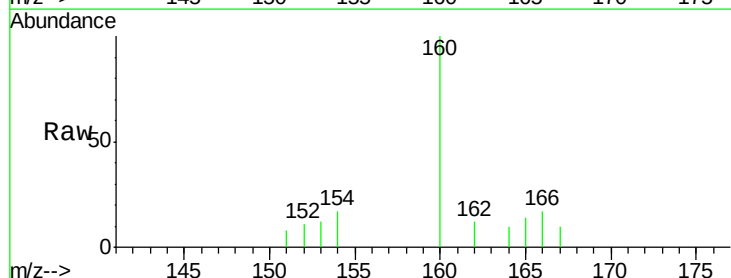
Tgt Ion:153 Resp: 173

Ion Ratio Lower Upper

153 100

152 91.1 33.9 50.9#

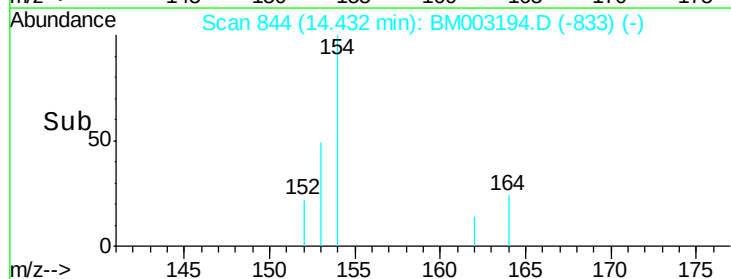
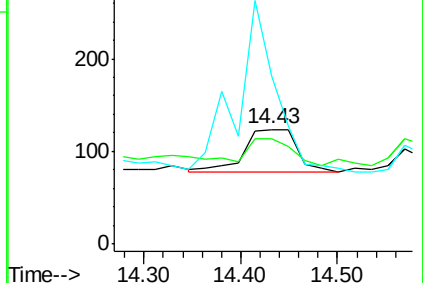
154 146.0 80.6 121.0#

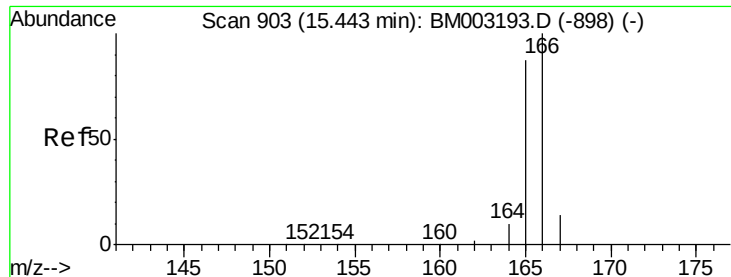


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

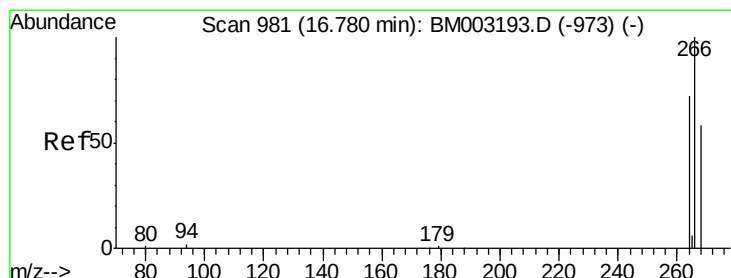
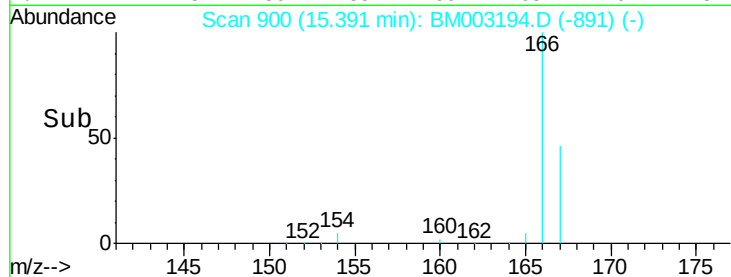
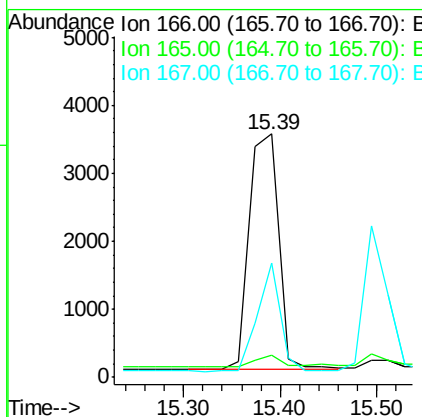
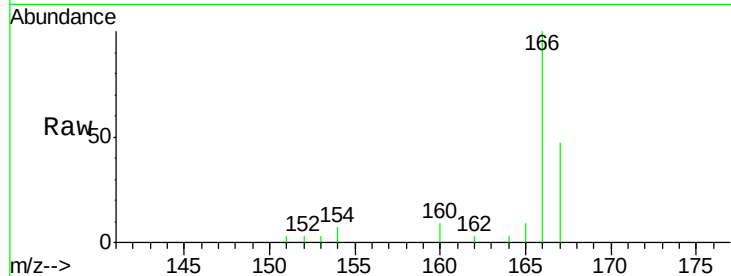




#11
Fluorene
 Concen: 0.07 ng/ul
 RT: 15.39 min Scan# 900
 Delta R.T. -0.05 min
 Lab File: BM003194.D
 Acq: 19 Nov 2015 17:41

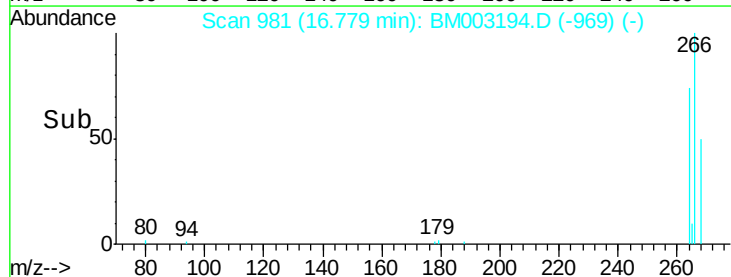
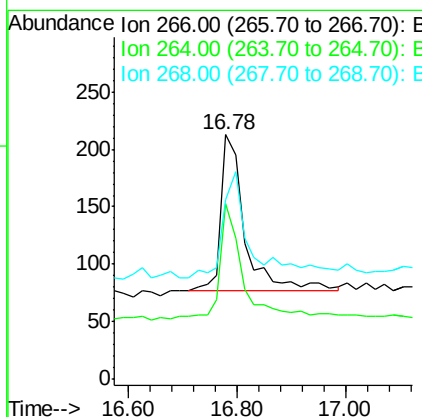
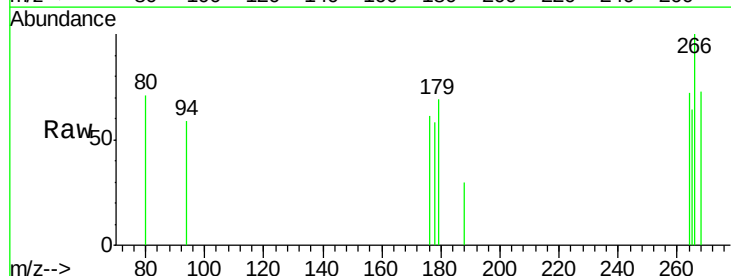
Instrument :
 BNA_M
 ClientSampleId :
 SBLK63

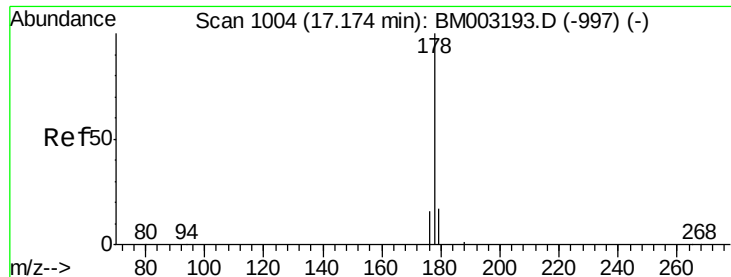
Tot Ion:166 Resp: 7259
 Ion Ratio Lower Upper
 166 100
 165 8.9 69.6 104.4#
 167 47.1 11.9 17.9#



#13
Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.78 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BM003194.D
 Acq: 19 Nov 2015 17:41

Tgt Ion:266 Resp: 410
 Ion Ratio Lower Upper
 266 100
 264 65.6 0.3 0.5#
 268 87.6 0.0 0.0#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1007

Delta R.T. 0.05 min

Lab File: BM003194.D

Acq: 19 Nov 2015 17:41

Instrument :

BNA_M

ClientSampleId :

SBLK63

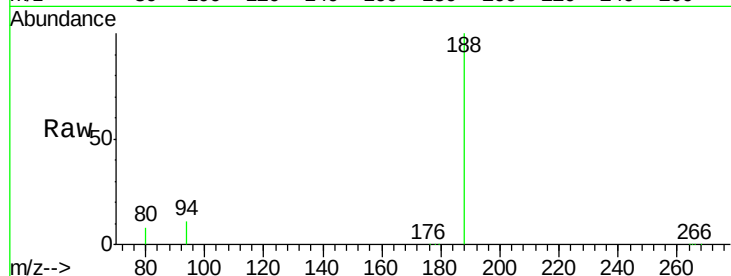
Tot Ion:178 Resp: 1988

Ion Ratio Lower Upper

178 100

176 11.6 13.0 19.4#

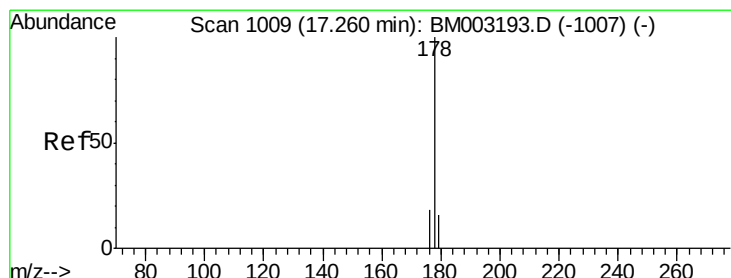
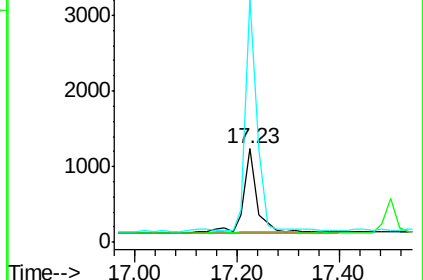
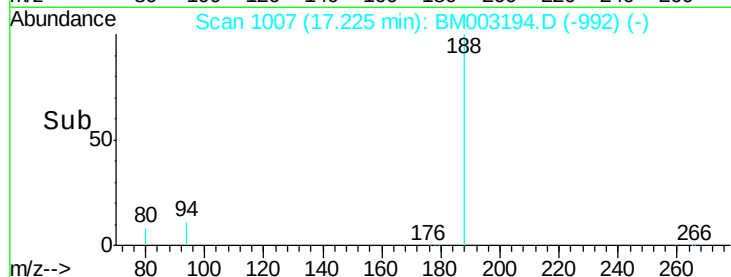
179 259.9 14.2 21.2#



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

Anthracene

Concen: 0.00 ng/ul

RT: 17.23 min Scan# 1007

Delta R.T. -0.03 min

Lab File: BM003194.D

Acq: 19 Nov 2015 17:41

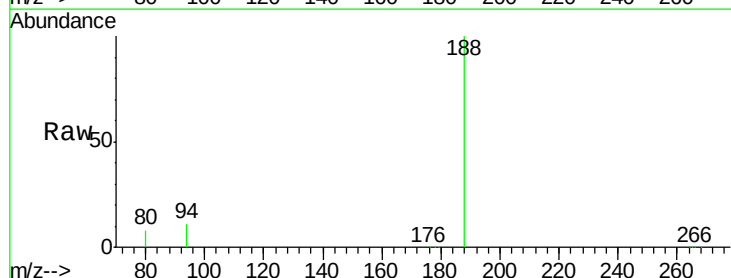
Tgt Ion:178 Resp: 1807

Ion Ratio Lower Upper

178 100

176 11.6 14.0 21.0#

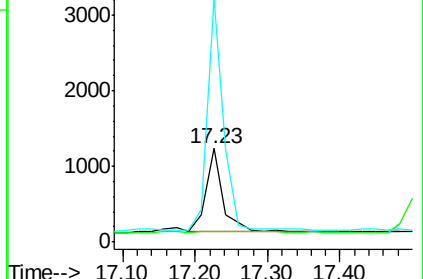
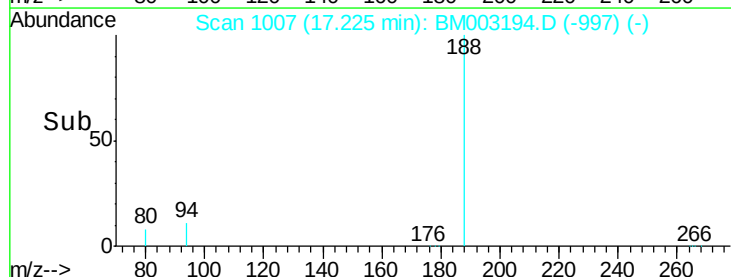
179 259.9 12.9 19.3#

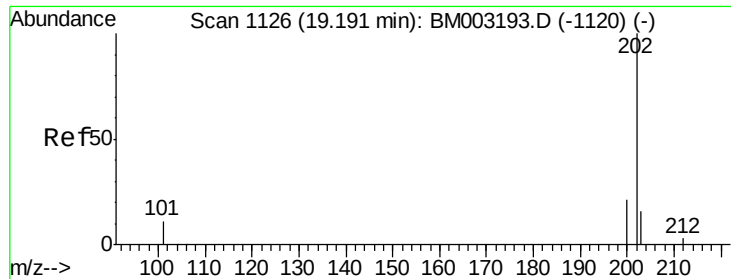


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#17

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.35 min Scan# 1139

Delta R.T. 0.16 min

Lab File: BM003194.D

Acq: 19 Nov 2015 17:41

Instrument :

BNA_M

ClientSampleId :

SBLK63

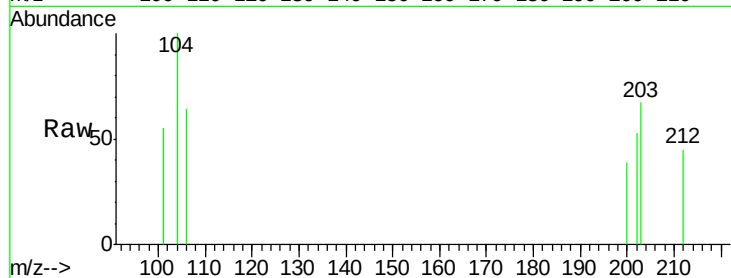
Tot Ion:202 Resp: 62

Ion Ratio Lower Upper

202 100

101 103.7 0.0 29.6#

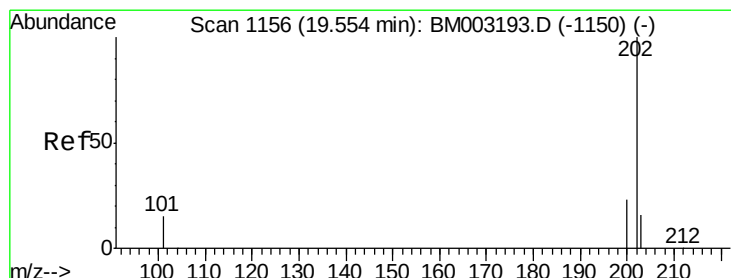
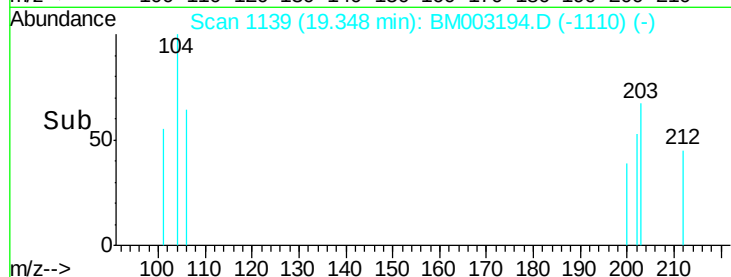
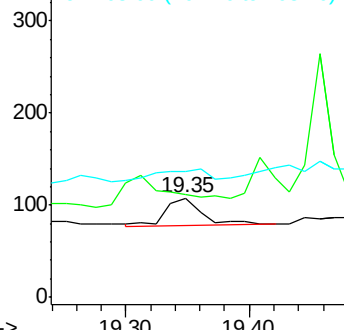
203 126.9 0.0 36.3#



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



#19

Pyrene

Concen: 0.04 ng/ul

RT: 19.53 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BM003194.D

Acq: 19 Nov 2015 17:41

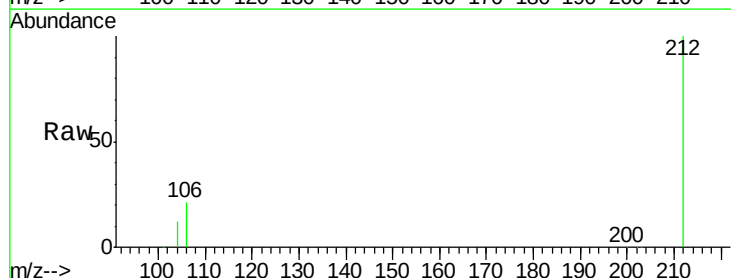
Tgt Ion:202 Resp: 6731

Ion Ratio Lower Upper

202 100

200 4.1 17.8 26.8#

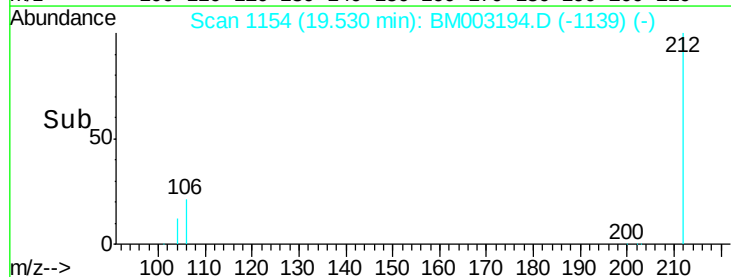
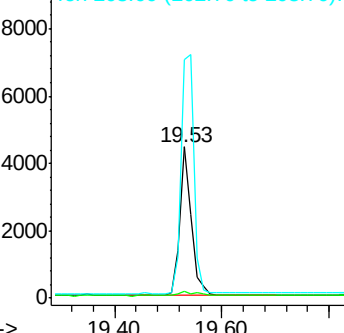
203 157.5 12.8 19.2#

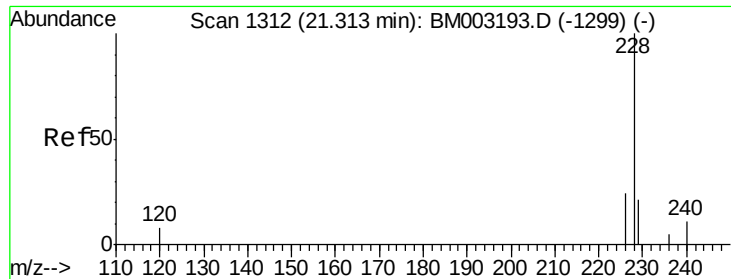


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#20

Benzo(a)anthracene

Concen: 0.00 ng/ul

RT: 21.32 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BM003194.D

Acq: 19 Nov 2015 17:41

Instrument :

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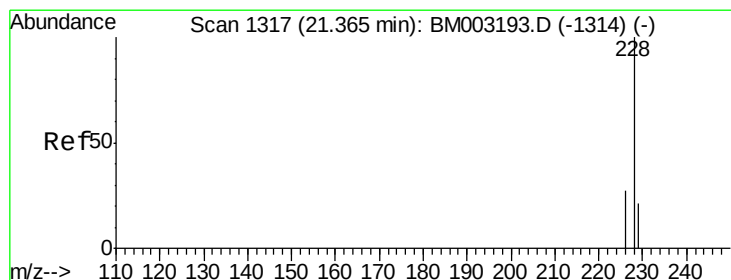
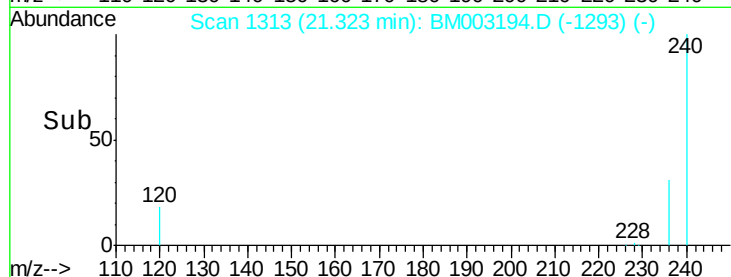
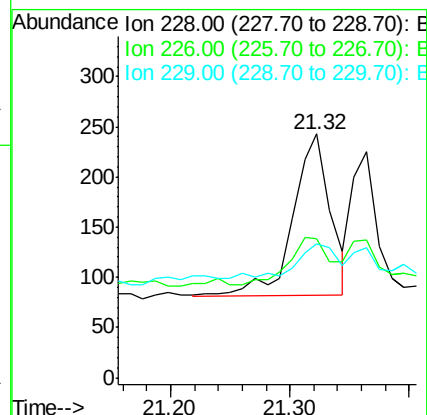
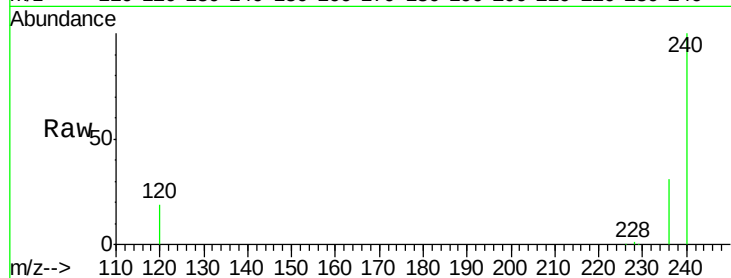
Tot Ion:228 Resp: 353

Ion Ratio Lower Upper

228 100

226 57.2 18.8 28.2#

229 55.1 17.1 25.7#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.36 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BM003194.D

Acq: 19 Nov 2015 17:41

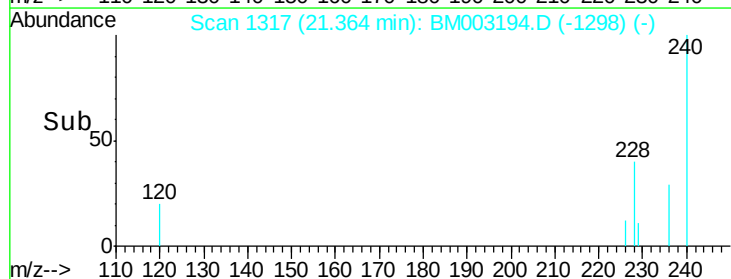
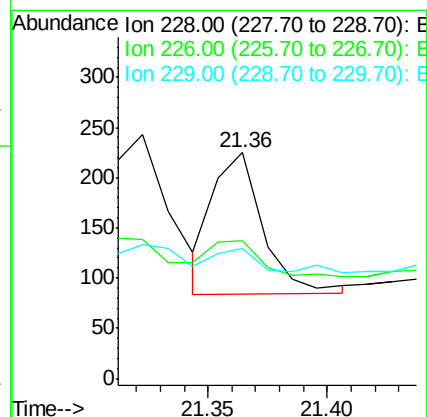
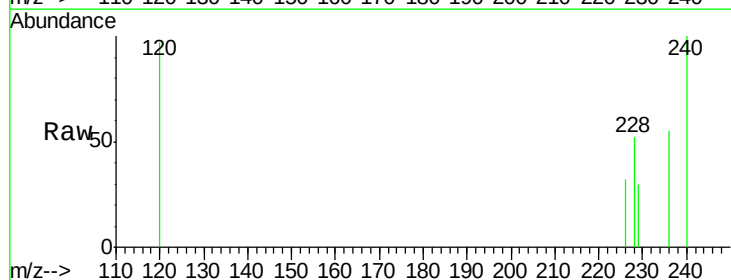
Tgt Ion:228 Resp: 206

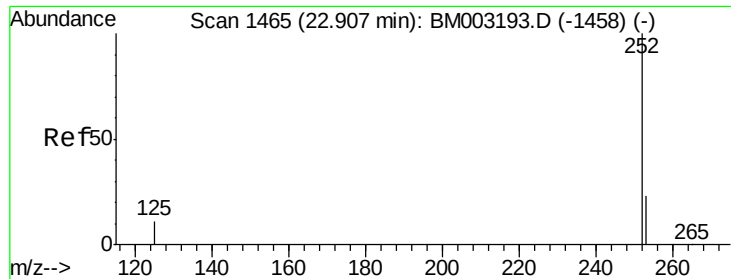
Ion Ratio Lower Upper

228 100

226 60.9 21.2 31.8#

229 57.8 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.75 min Scan# 1450

Delta R.T. -0.16 min

Lab File: BM003194.D

Acq: 19 Nov 2015 17:41

Instrument :

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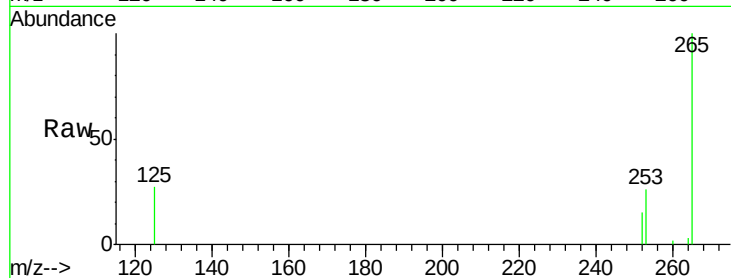
Tot Ion:252 Resp: 34

Ion Ratio Lower Upper

252 100

253 172.1 0.0 45.4#

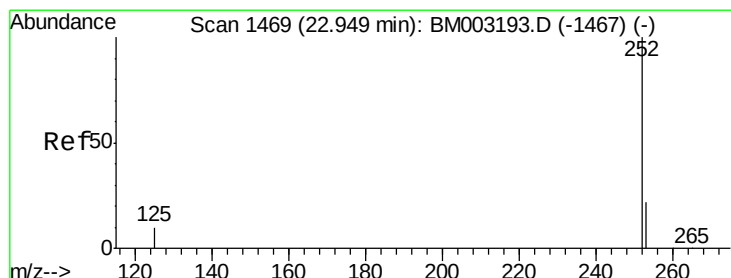
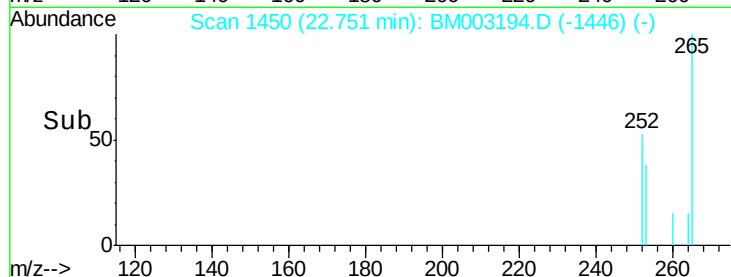
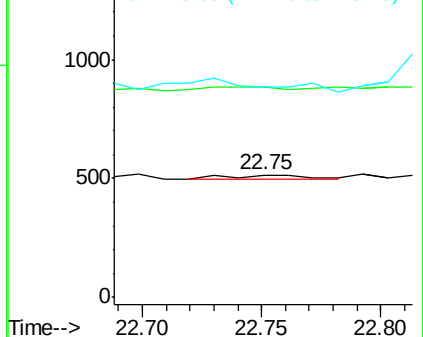
125 172.9 0.0 28.8#



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



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.83 min Scan# 1458

Delta R.T. -0.11 min

Lab File: BM003194.D

Acq: 19 Nov 2015 17:41

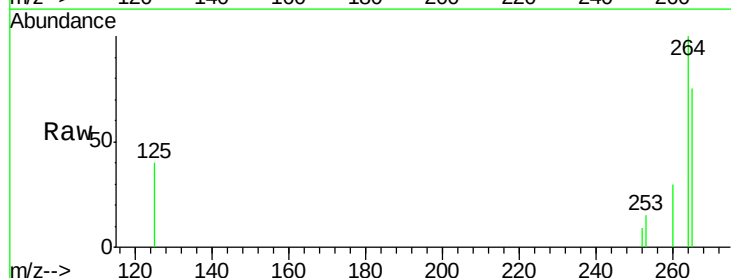
Tgt Ion:252 Resp: 127

Ion Ratio Lower Upper

252 100

253 159.6 19.8 29.8#

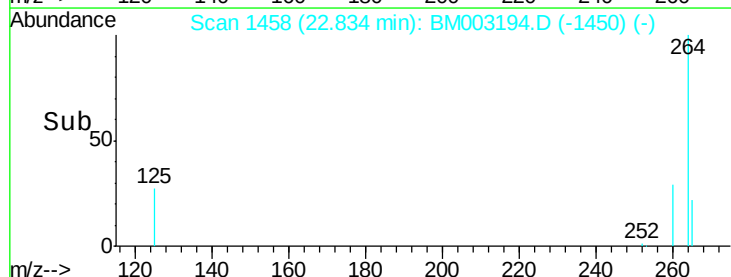
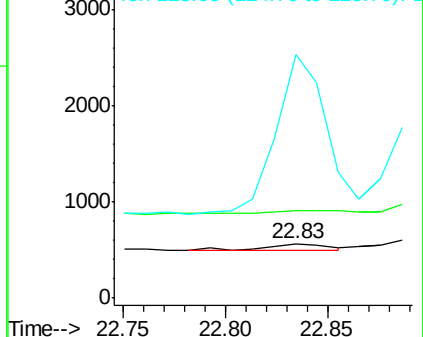
125 445.7 10.4 15.6#

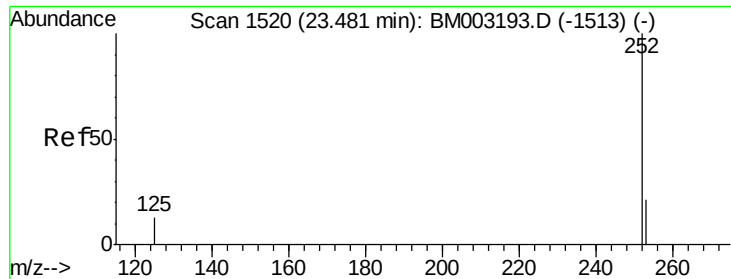


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.44 min Scan# 1516

Delta R.T. -0.04 min

Lab File: BM003194.D

Acq: 19 Nov 2015 17:41

Instrument :

BNA_M

ClientSampleId :

SBLK63

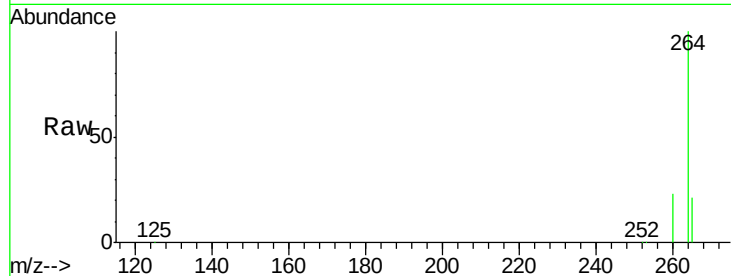
Tot Ion:252 Resp: 14609

Ion Ratio Lower Upper

252 100

253 35.2 19.4 29.2#

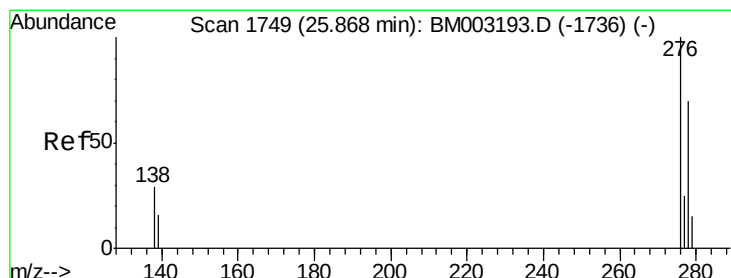
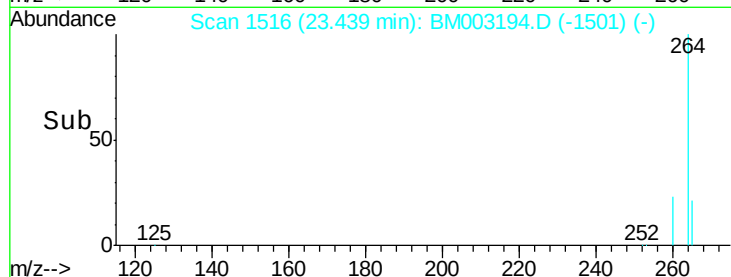
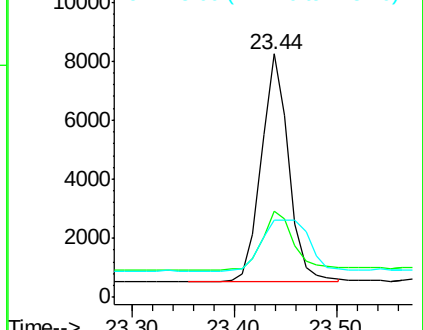
125 31.9 12.7 19.1#



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.72 min Scan# 1735

Delta R.T. -0.15 min

Lab File: BM003194.D

Acq: 19 Nov 2015 17:41

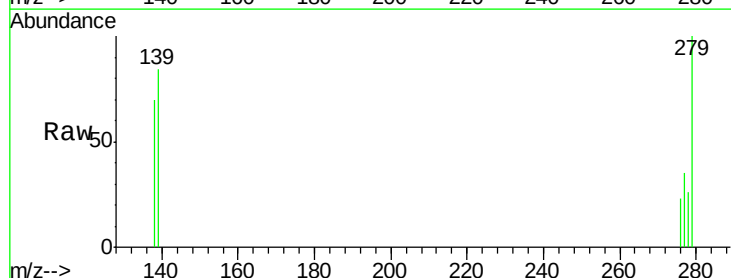
Tgt Ion:276 Resp: 6

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

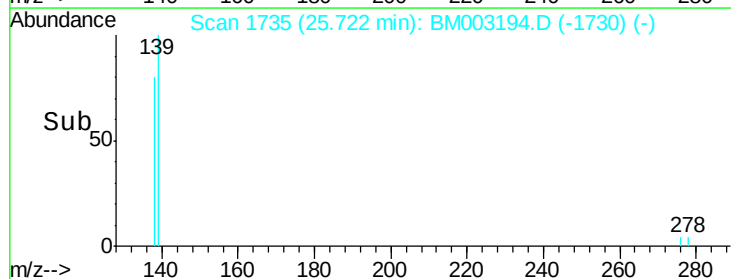
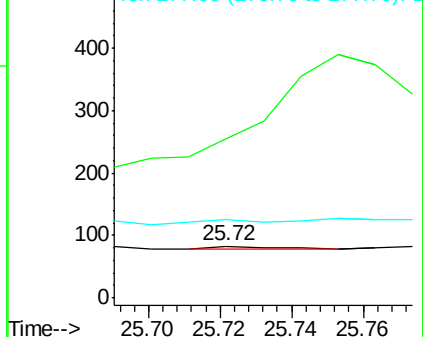
277 183.3 0.0 0.0#

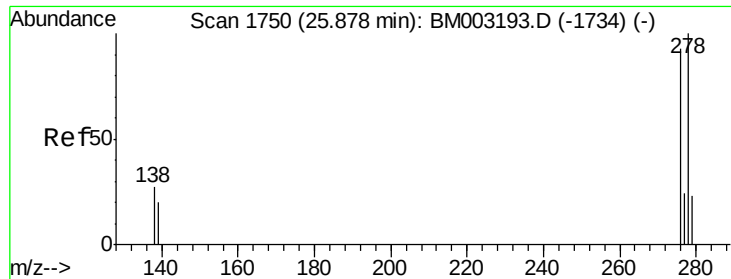


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#27

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.76 min Scan# 1739

Delta R.T. -0.11 min

Lab File: BM003194.D

Acq: 19 Nov 2015 17:41

Instrument :

BNA_M

ClientSampleId :

SBLK63

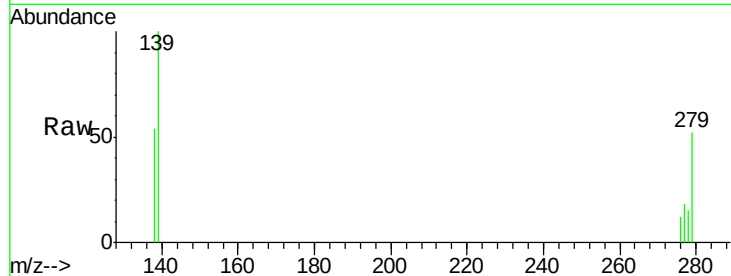
Tot Ion:278 Resp: 20

Ion Ratio Lower Upper

278 100

139 672.5 16.4 24.6#

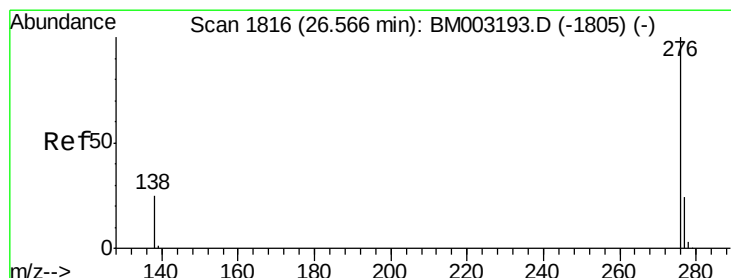
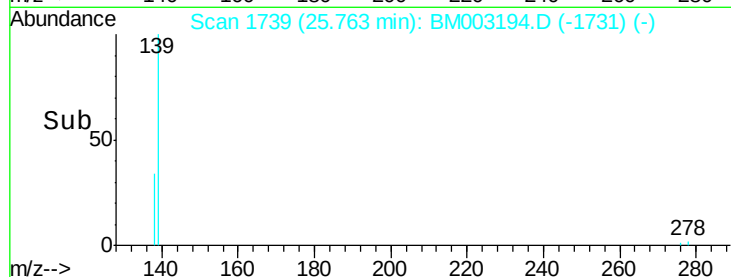
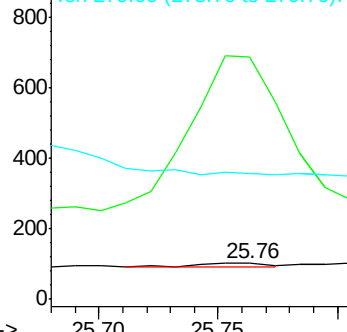
279 348.0 20.2 30.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.42 min Scan# 1802

Delta R.T. -0.15 min

Lab File: BM003194.D

Acq: 19 Nov 2015 17:41

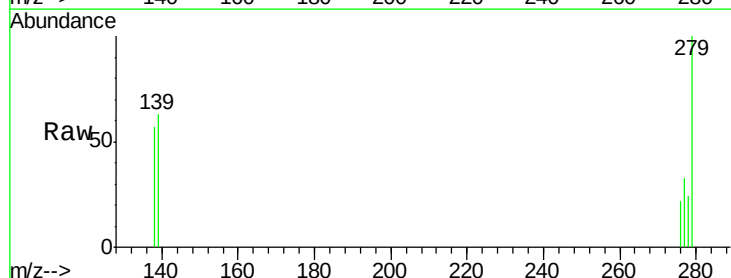
Tgt Ion:276 Resp: 23

Ion Ratio Lower Upper

276 100

277 150.6 18.9 28.3#

138 262.7 22.5 33.7#



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

