

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021115\
 Data File : BM000496.D
 Acq On : 12 Feb 2015 02:54
 Operator : TP/IZ
 Sample : PB81661BL
 Misc : SBLK18
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK18

Quant Time: Feb 12 03:53:59 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-SIM-BM021115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 11 23:58:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	3262	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	11667	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7751	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	1375122	0.40	ng/ul	0.11
16) Chrysene-d12	21.30	240	13811	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	1077702	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.10	152	7428	0.48	ng/ul	0.00
14) Fluoranthene-d10	19.50	212	1336912	0.44	ng/ul	0.36

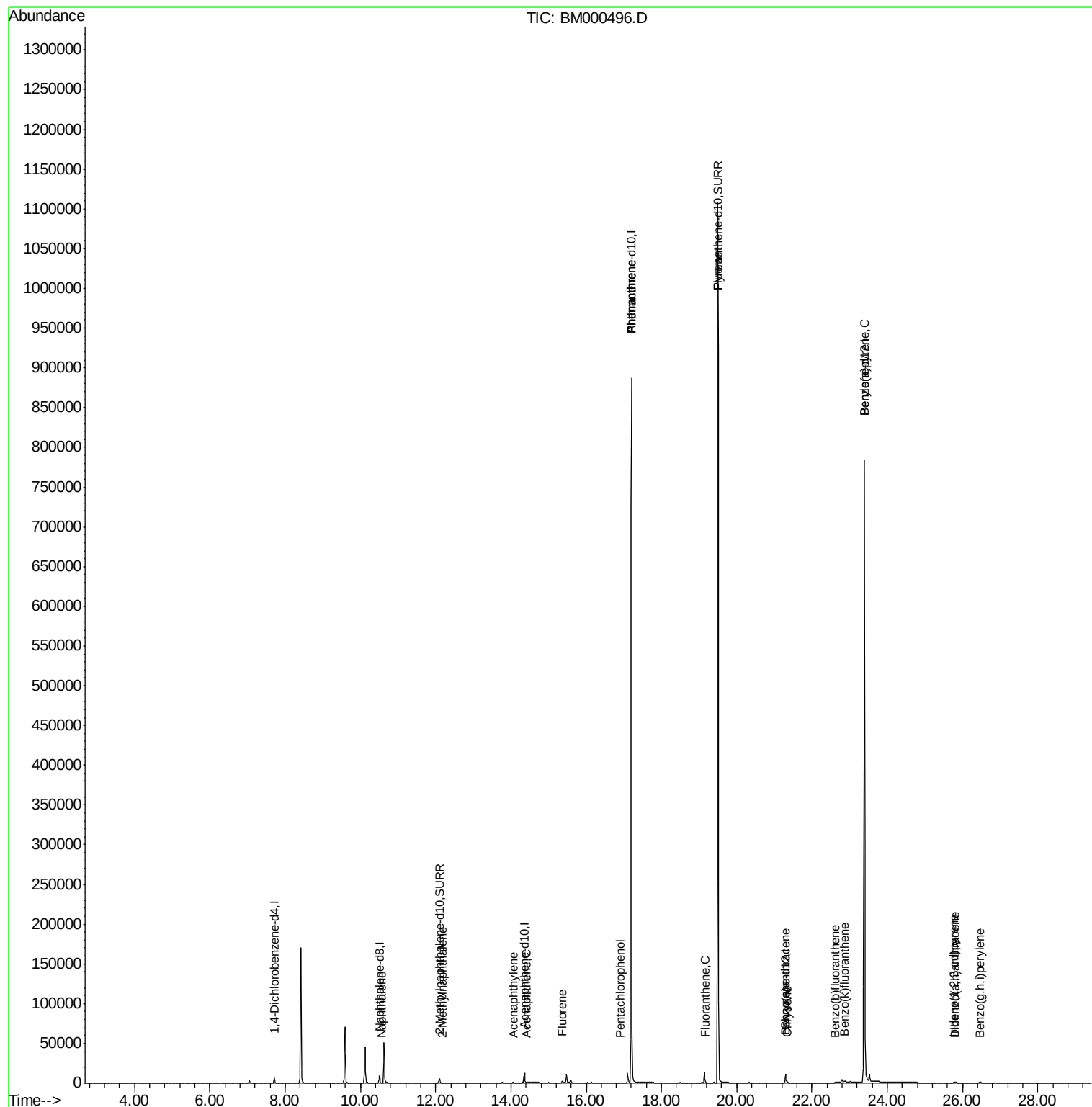
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	37	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.17	142	24	0.00	ng/ul#	56
7) Acenaphthylene	14.05	152	131	0.00	ng/ul#	1
8) Acenaphthene	14.41	153	26	0.00	ng/ul#	61
9) Fluorene	15.35	166	2458	0.08	ng/ul#	18
11) Pentachlorophenol	16.90	266	14	0.00	ng/ul#	47
12) Phenanthrene	17.21	178	1056	0.00	ng/ul#	1
13) Anthracene	17.21	178	1053	0.00	ng/ul#	1
15) Fluoranthene	19.16	202	717	0.00	ng/ul	78
17) Pyrene	19.50	202	3216	0.06	ng/ul#	1
18) Benzo(a)anthracene	21.28	228	1608	0.04	ng/ul#	94
19) Chrysene	21.33	228	1806	0.04	ng/ul#	94
21) Benzo(b)fluoranthene	22.61	252	289	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.86	252	1704	0.00	ng/ul#	42
23) Benzo(a)pyrene	23.39	252	6257	0.00	ng/ul#	48
24) Indeno(1,2,3-cd)pyrene	25.78	276	1474	0.00	ng/ul	97
25) Dibenzo(a,h)anthracene	25.79	278	1178	0.00	ng/ul#	52
26) Benzo(g,h,i)perylene	26.47	276	1276	0.00	ng/ul#	77

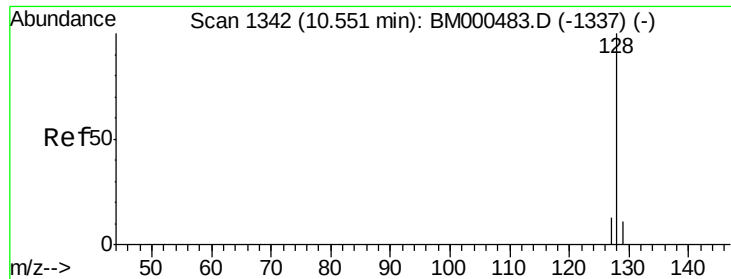
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.55 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BM000496.D

Acq: 12 Feb 2015 02:54

Instrument :

BNA_M

ClientSampleId :

SBLK18

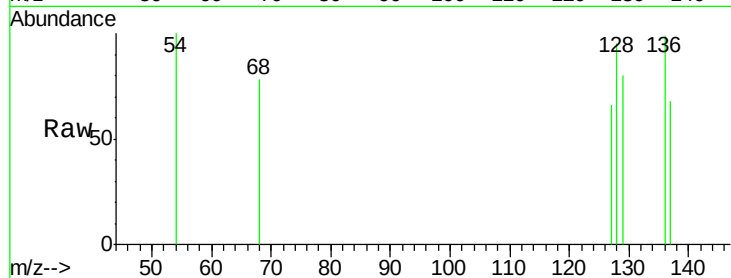
Tgt Ion:128 Resp: 37

Ion Ratio Lower Upper

128 100

129 84.6 9.2 13.8#

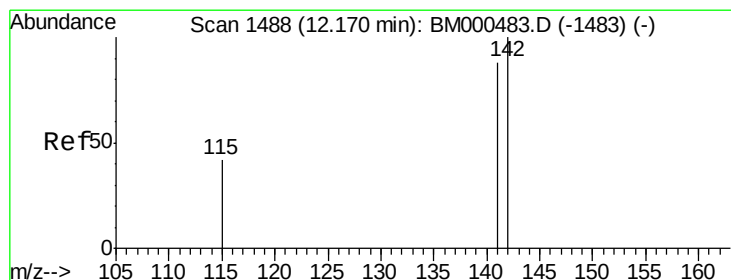
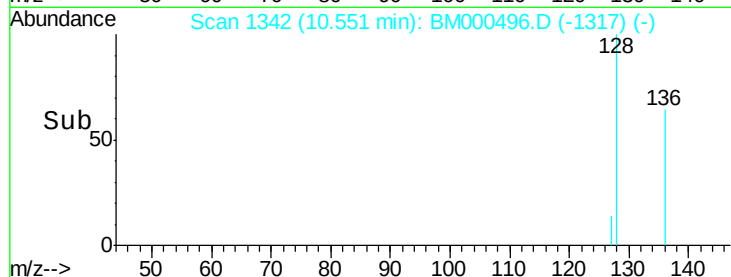
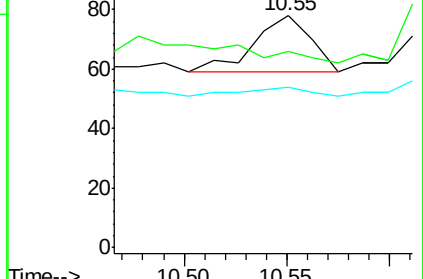
127 69.2 11.2 16.8#



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: 0.00 ng/ul

RT: 12.17 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BM000496.D

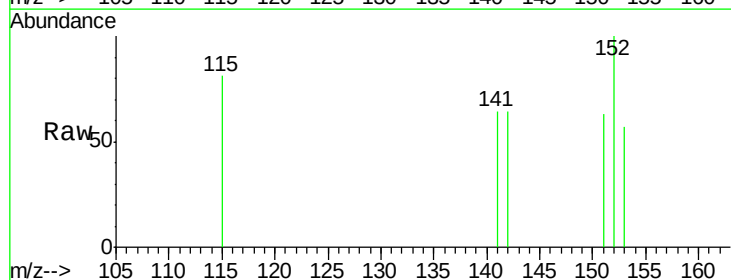
Acq: 12 Feb 2015 02:54

Tgt Ion:142 Resp: 24

Ion Ratio Lower Upper

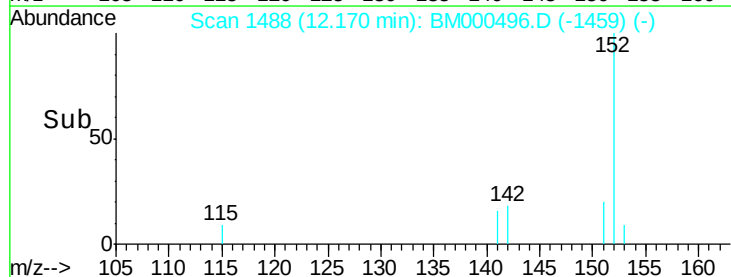
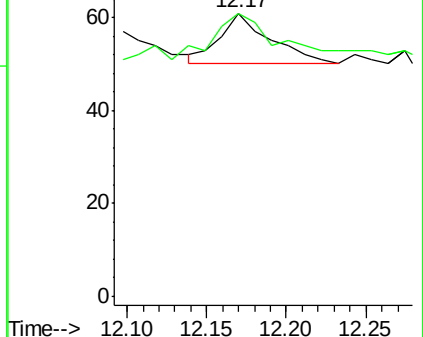
142 100

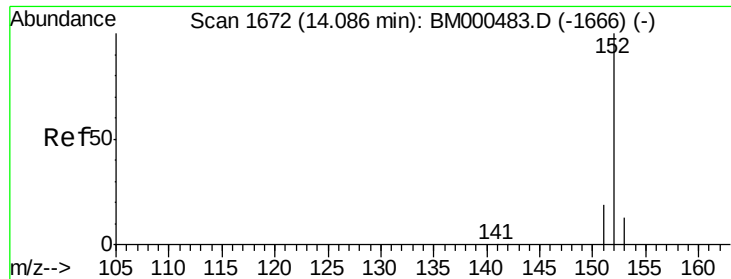
141 129.2 70.3 105.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.05 min Scan# 1669

Delta R.T. -0.03 min

Lab File: BM000496.D

Acq: 12 Feb 2015 02:54

Instrument :

BNA_M

ClientSampled :

SBLK18

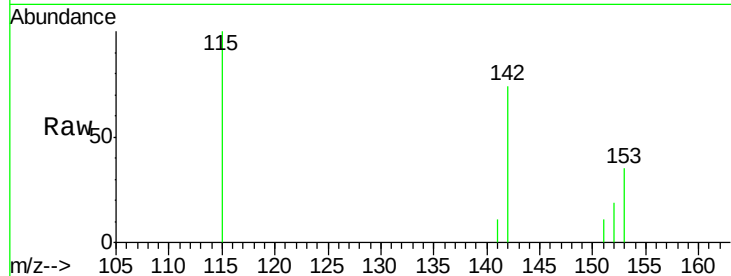
Tgt Ion:152 Resp: 131

Ion Ratio Lower Upper

152 100

151 58.9 16.1 24.1#

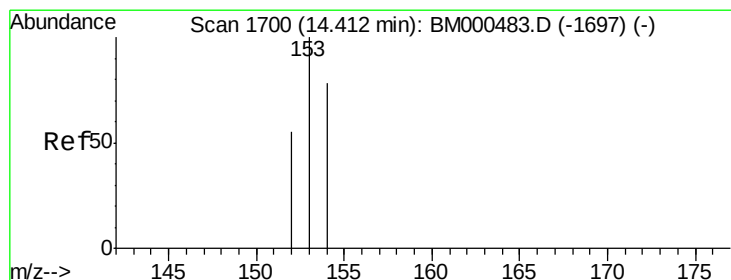
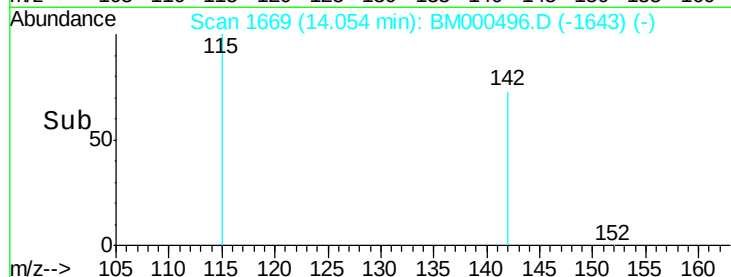
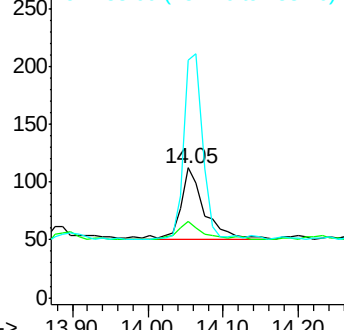
153 183.0 10.6 15.8#



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: 0.00 ng/ul

RT: 14.41 min Scan# 1700

Delta R.T. -0.00 min

Lab File: BM000496.D

Acq: 12 Feb 2015 02:54

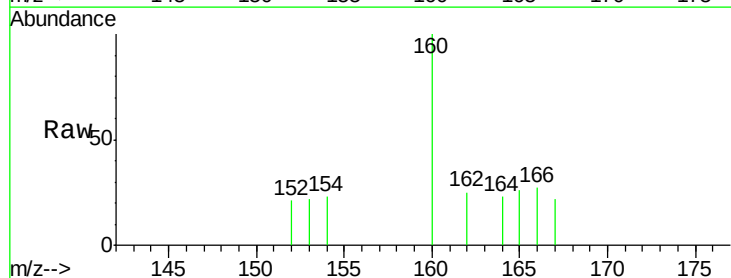
Tgt Ion:153 Resp: 26

Ion Ratio Lower Upper

153 100

152 95.0 45.6 68.4#

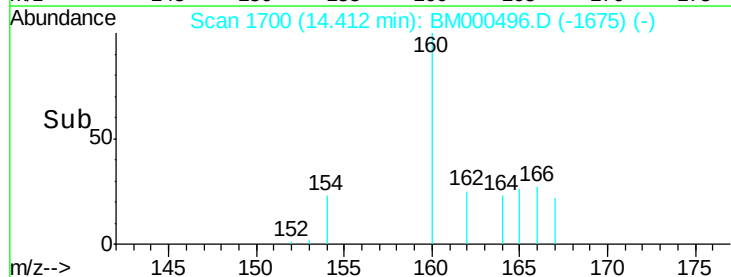
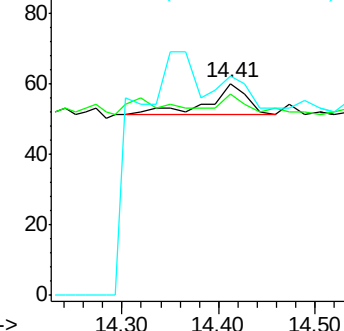
154 103.3 62.5 93.7#

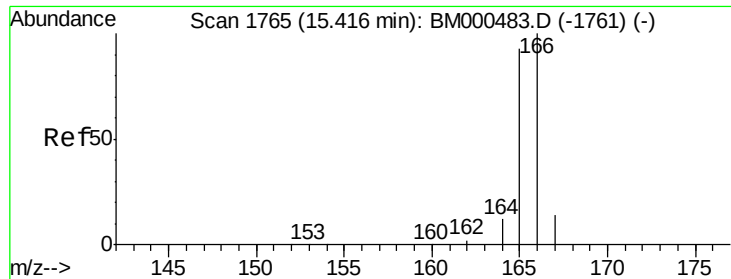


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.08 ng/ul

RT: 15.35 min Scan# 1761

Delta R.T. -0.06 min

Lab File: BM000496.D

Acq: 12 Feb 2015 02:54

Instrument :

BNA_M

ClientSampleId :

SBLK18

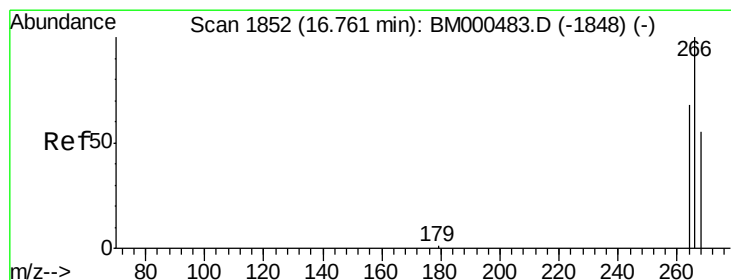
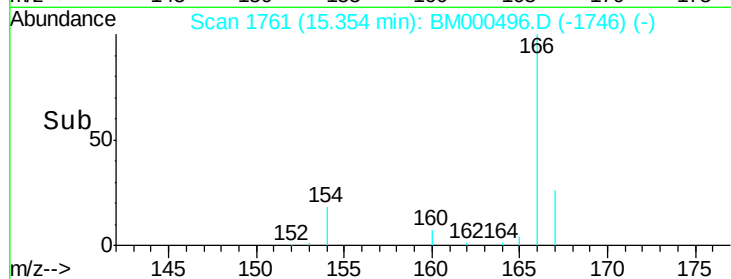
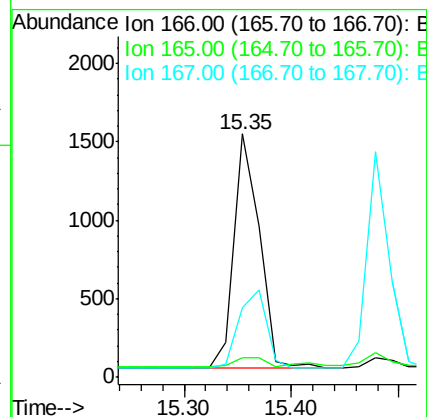
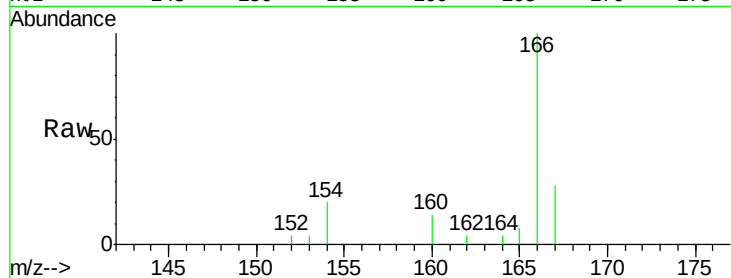
Tgt Ion:166 Resp: 2458

Ion Ratio Lower Upper

166 100

165 7.8 74.4 111.6#

167 28.3 11.3 16.9#



#11

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.90 min Scan# 1861

Delta R.T. 0.14 min

Lab File: BM000496.D

Acq: 12 Feb 2015 02:54

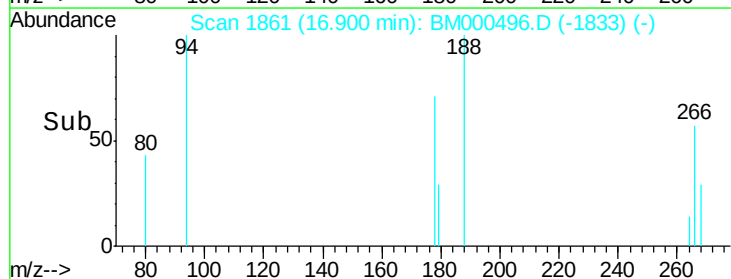
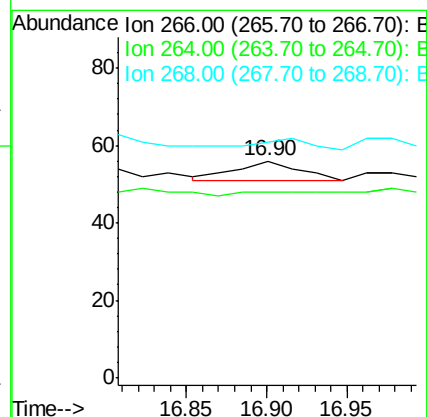
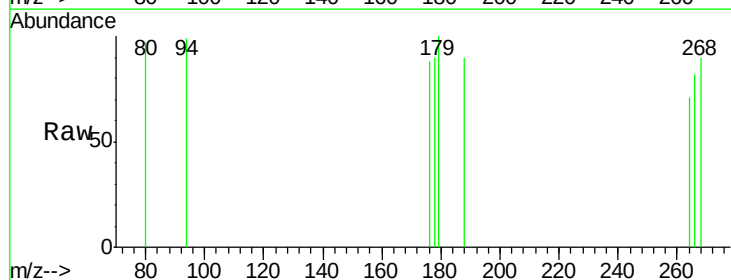
Tgt Ion:266 Resp: 14

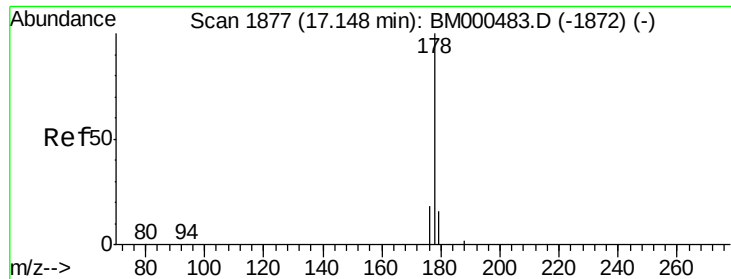
Ion Ratio Lower Upper

266 100

264 0.0 49.8 74.6#

268 42.9 51.2 76.8#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.21 min Scan# 1881

Delta R.T. 0.06 min

Lab File: BM000496.D

Acq: 12 Feb 2015 02:54

Instrument :

BNA_M

ClientSampleId :

SBLK18

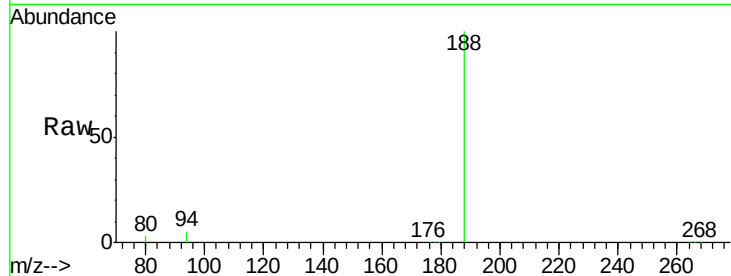
Tgt Ion:178 Resp: 1056

Ion Ratio Lower Upper

178 100

176 19.9 15.0 22.4

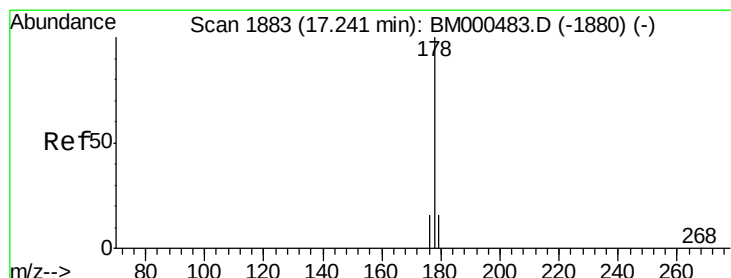
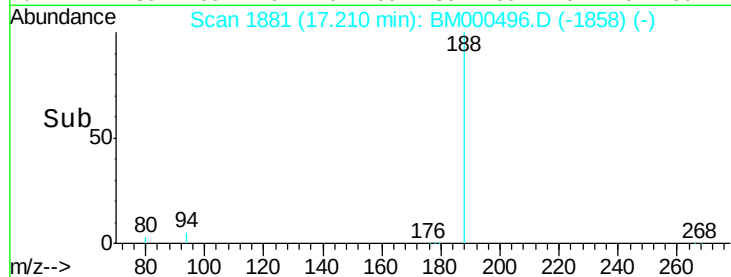
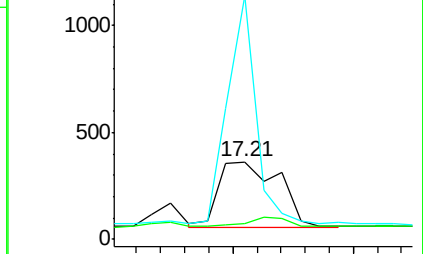
179 314.6 13.0 19.4#



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



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.21 min Scan# 1881

Delta R.T. -0.03 min

Lab File: BM000496.D

Acq: 12 Feb 2015 02:54

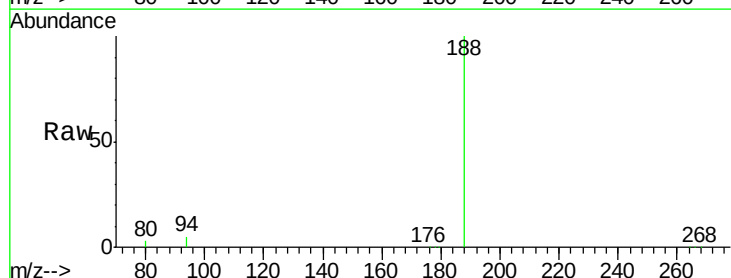
Tgt Ion:178 Resp: 1053

Ion Ratio Lower Upper

178 100

176 19.9 13.9 20.9

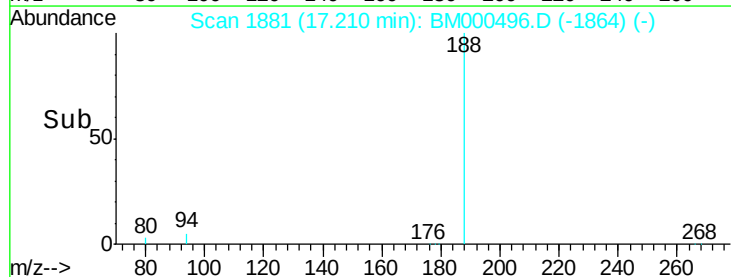
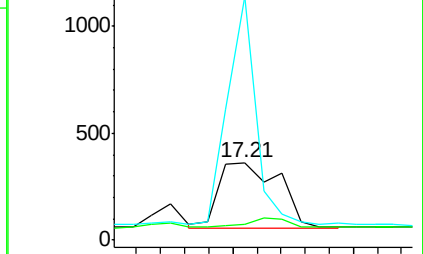
179 314.6 13.2 19.8#

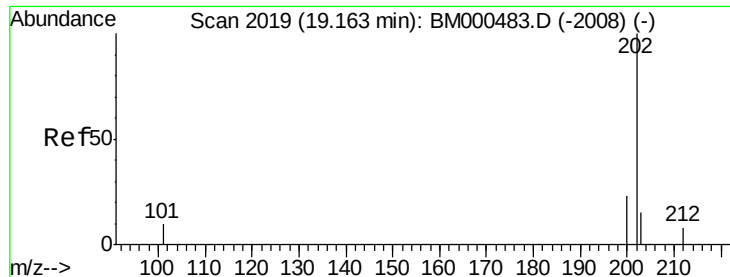


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.16 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BM000496.D

Acq: 12 Feb 2015 02:54

Instrument :

BNA_M

ClientSampleId :

SBLK18

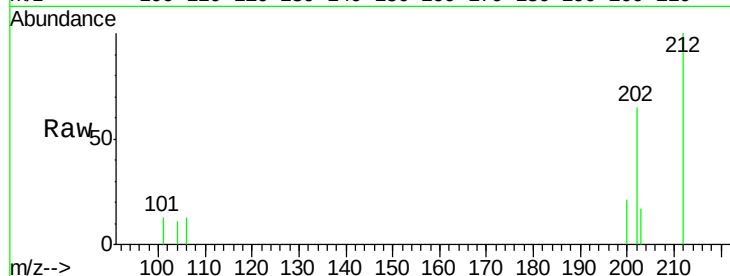
Tgt Ion:202 Resp: 717

Ion Ratio Lower Upper

202 100

101 20.5 0.0 24.6

203 26.4 0.0 39.2

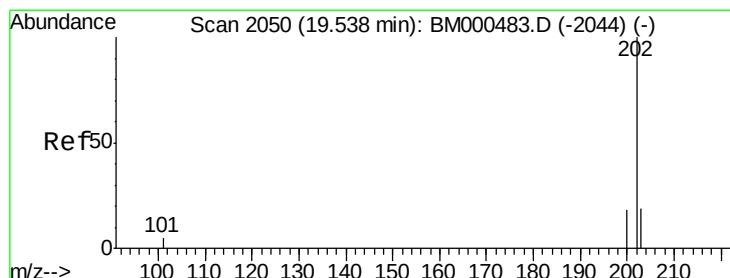
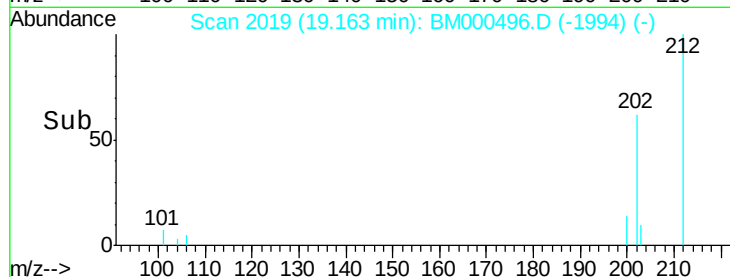
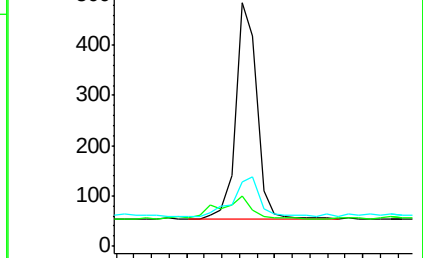


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.16



#17

Pyrene

Concen: 0.06 ng/ul

RT: 19.50 min Scan# 2047

Delta R.T. -0.04 min

Lab File: BM000496.D

Acq: 12 Feb 2015 02:54

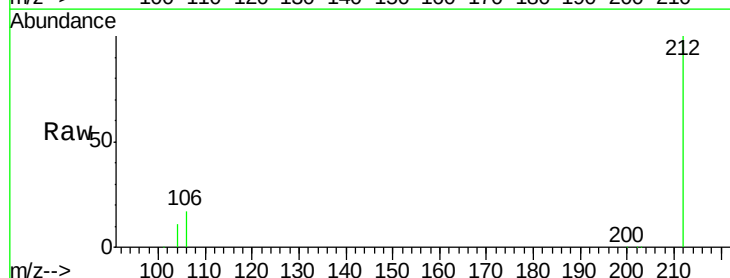
Tgt Ion:202 Resp: 3216

Ion Ratio Lower Upper

202 100

200 6.7 14.9 22.3#

203 140.9 15.4 23.0#

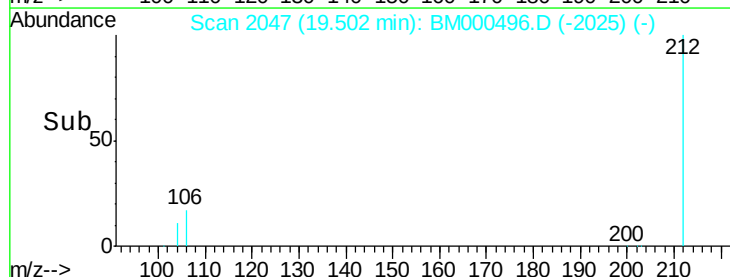
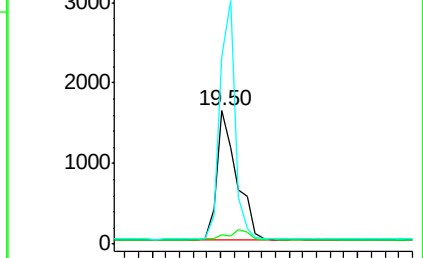


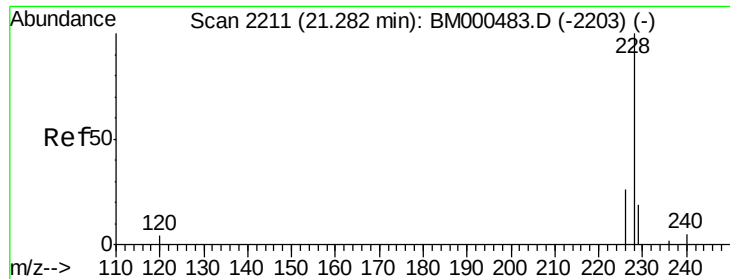
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.50





#18

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.28 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BM000496.D

Acq: 12 Feb 2015 02:54

Instrument :

BNA_M

ClientSampleId :

SBLK18

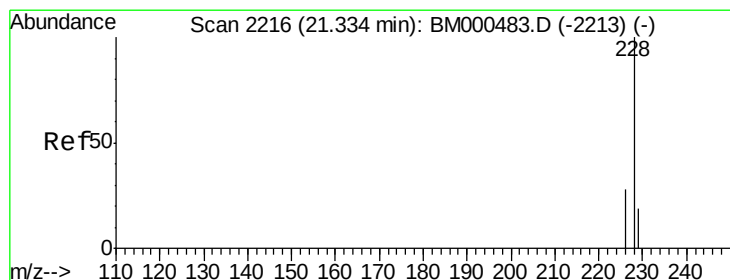
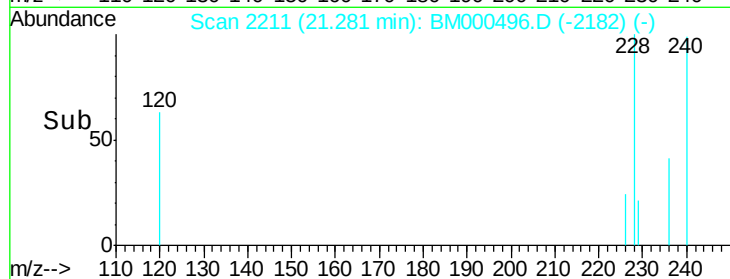
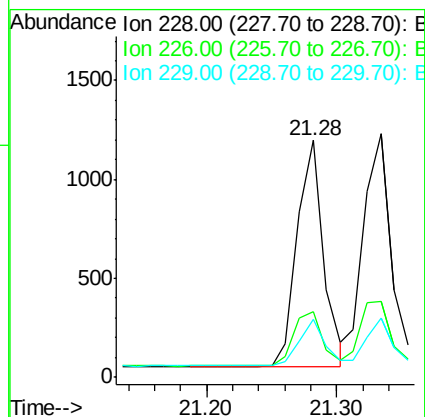
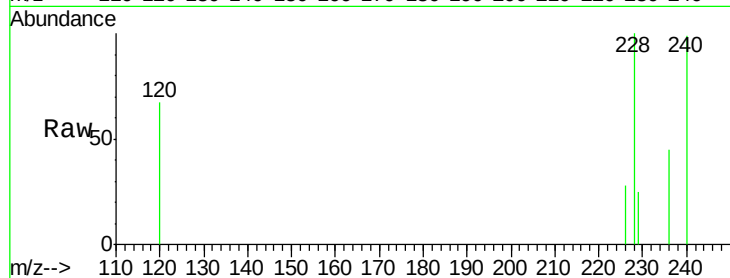
Tgt Ion:228 Resp: 1608

Ion Ratio Lower Upper

228 100

226 27.8 21.4 32.0

229 24.7 15.6 23.4#



#19

Chrysene

Concen: 0.04 ng/ul

RT: 21.33 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BM000496.D

Acq: 12 Feb 2015 02:54

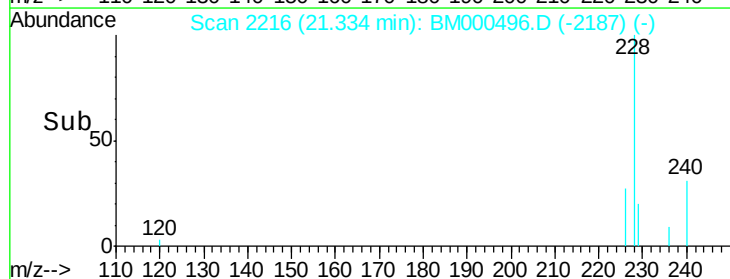
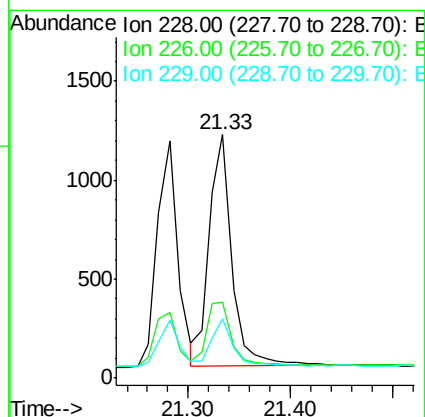
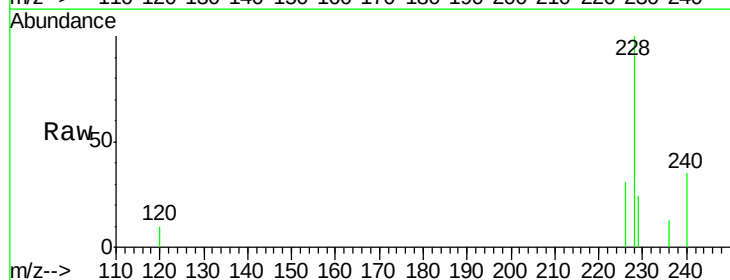
Tgt Ion:228 Resp: 1806

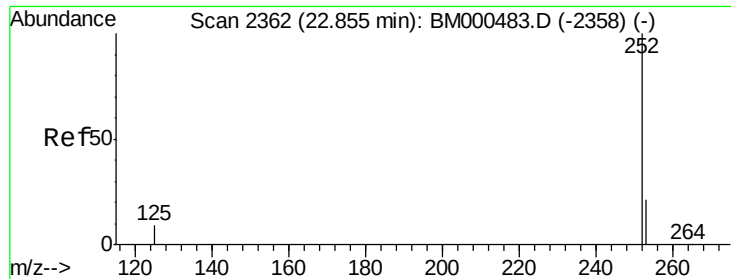
Ion Ratio Lower Upper

228 100

226 31.0 23.0 34.6

229 24.1 15.9 23.9#





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.61 min Scan# 2338

Delta R.T. -0.25 min

Lab File: BM000496.D

Acq: 12 Feb 2015 02:54

Instrument :

BNA_M

ClientSampleId :

SBLK18

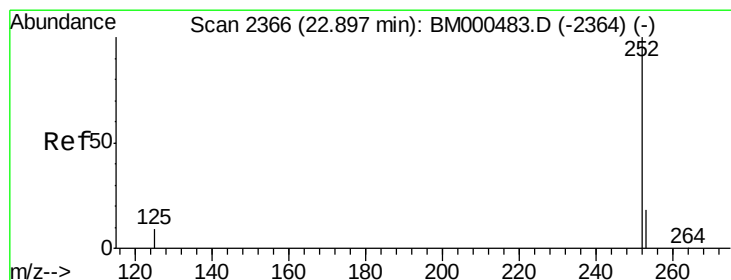
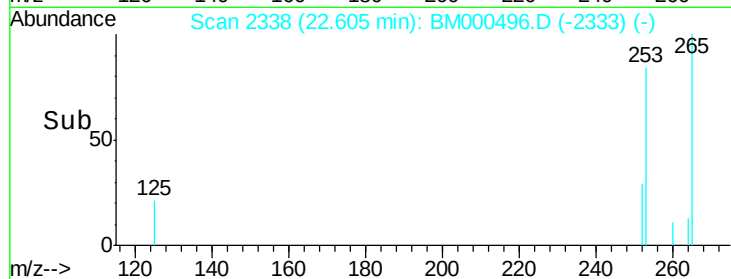
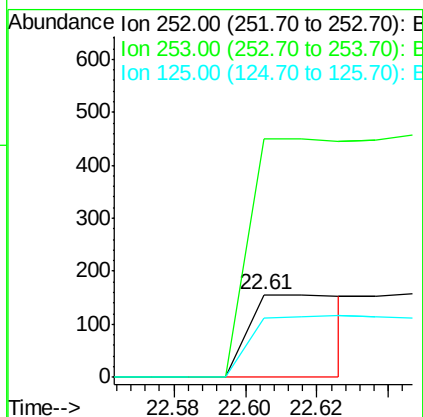
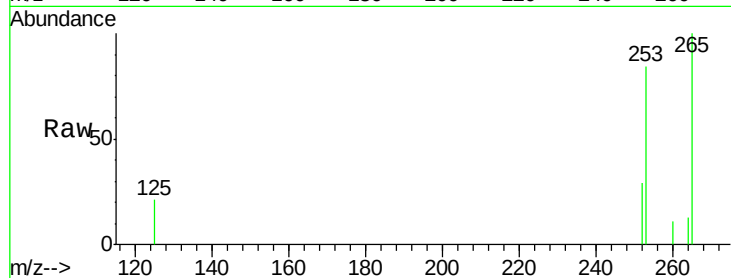
Tgt Ion:252 Resp: 289

Ion Ratio Lower Upper

252 100

253 288.5 0.0 49.0#

125 71.2 0.0 18.4#



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.86 min Scan# 2362

Delta R.T. -0.04 min

Lab File: BM000496.D

Acq: 12 Feb 2015 02:54

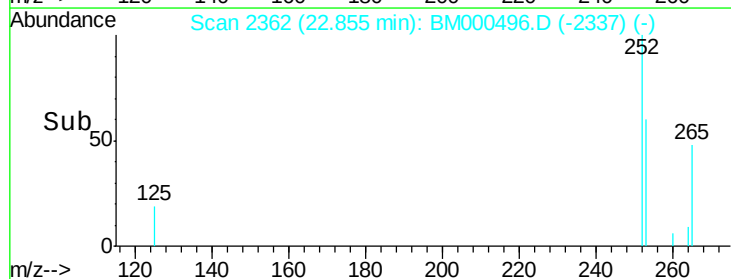
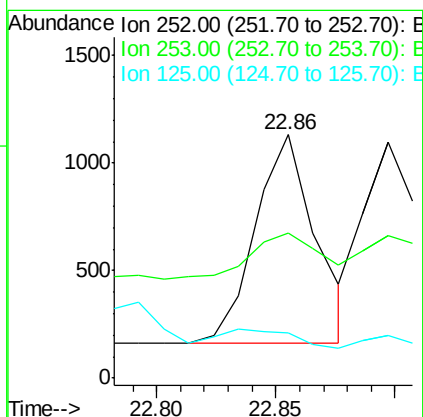
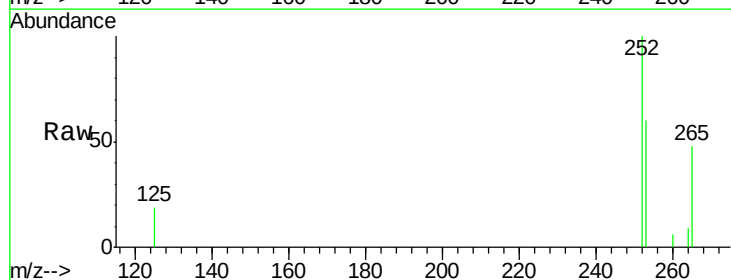
Tgt Ion:252 Resp: 1704

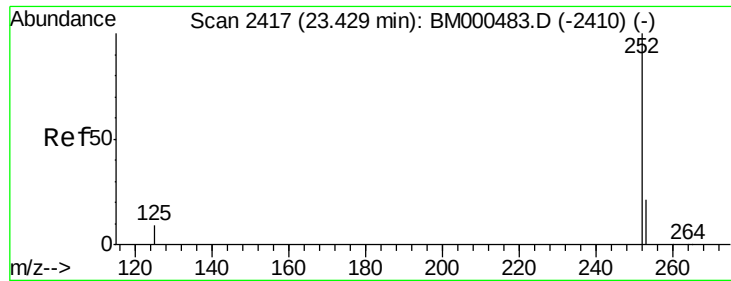
Ion Ratio Lower Upper

252 100

253 59.8 19.8 29.6#

125 18.6 7.6 11.4#





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.39 min Scan# 2413

Delta R.T. -0.04 min

Lab File: BM000496.D

Acq: 12 Feb 2015 02:54

Instrument :

BNA_M

ClientSampleId :

SBLK18

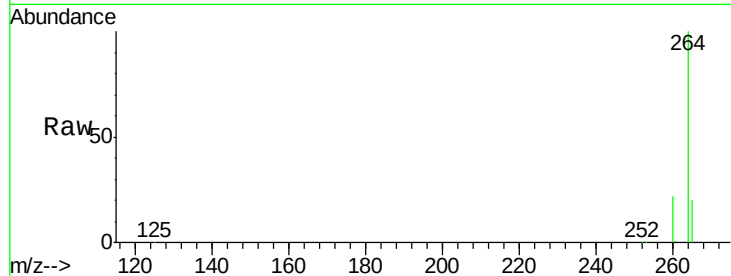
Tgt Ion: 252 Resp: 6257

Ion Ratio Lower Upper

252 100

253 50.2 21.2 31.8#

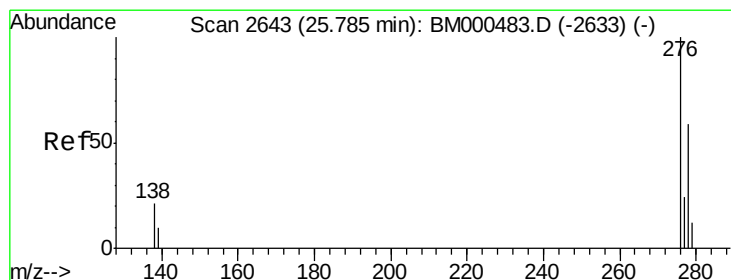
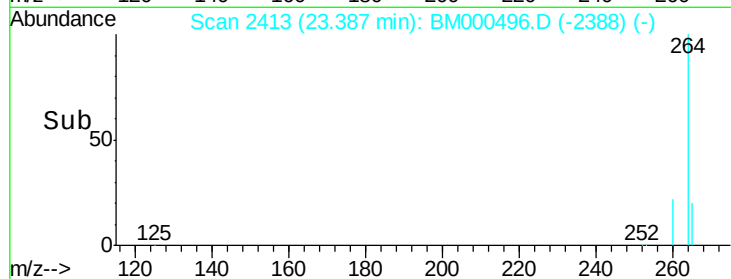
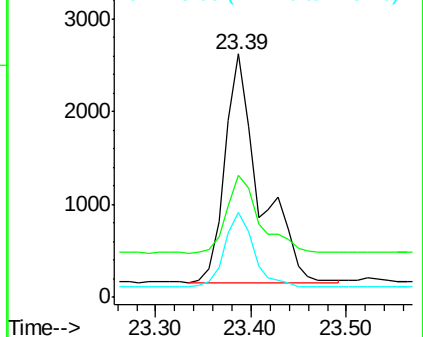
125 35.1 8.4 12.6#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.78 min Scan# 2643

Delta R.T. -0.00 min

Lab File: BM000496.D

Acq: 12 Feb 2015 02:54

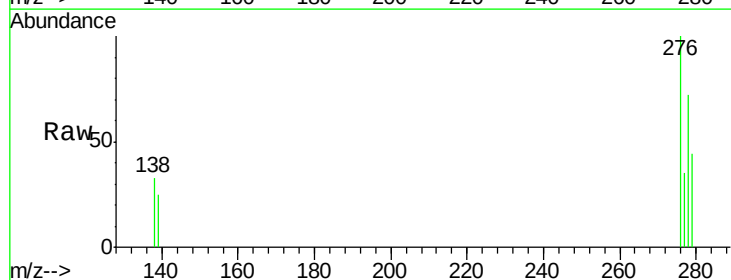
Tgt Ion: 276 Resp: 1474

Ion Ratio Lower Upper

276 100

138 22.7 16.3 24.5

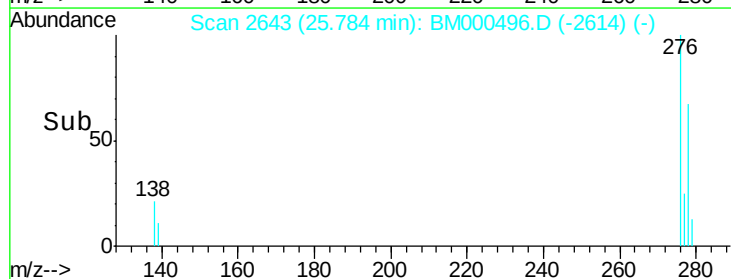
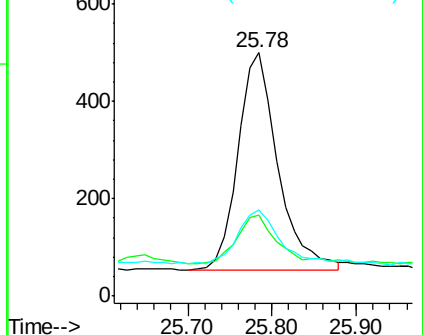
277 26.0 20.0 30.0

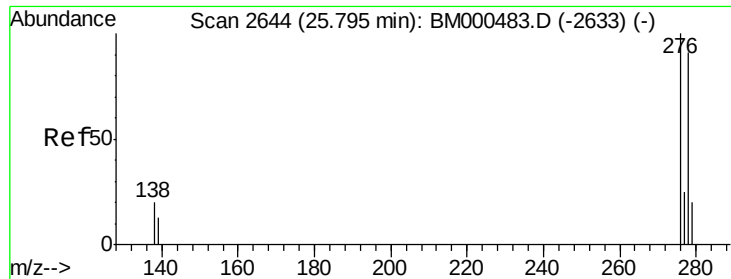


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.79 min Scan# 2644

Delta R.T. -0.00 min

Lab File: BM000496.D

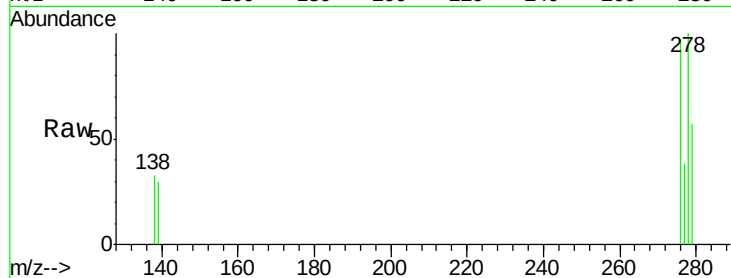
Acq: 12 Feb 2015 02:54

Instrument :

BNA_M

ClientSampled :

SBLK18



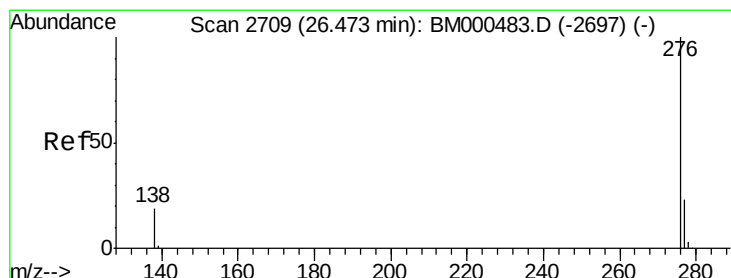
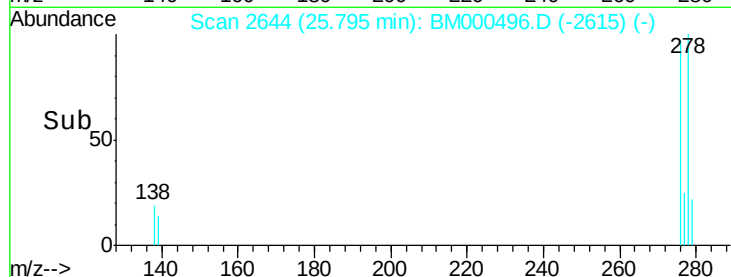
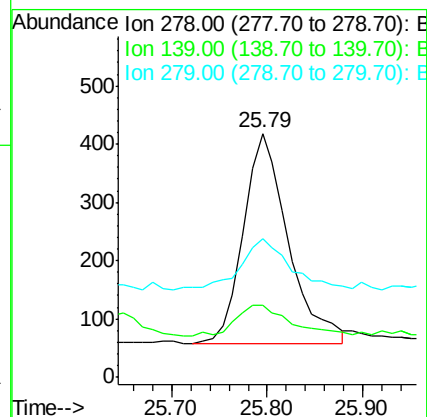
Tgt Ion:278 Resp: 1178

Ion Ratio Lower Upper

278 100

139 29.7 13.4 20.0#

279 56.9 21.3 31.9#



#26

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.47 min Scan# 2709

Delta R.T. -0.00 min

Lab File: BM000496.D

Acq: 12 Feb 2015 02:54

Tgt Ion:276 Resp: 1276

Ion Ratio Lower Upper

276 100

277 36.5 20.2 30.4#

138 31.1 16.0 24.0#

