

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070816\
 Data File : BM006326.D
 Acq On : 07 Jul 2016 19:17
 Operator : UM/SJ
 Sample : PB91938BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK38

Quant Time: Jul 08 03:46:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 03:28:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	3546	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	14495	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.30	164	9329	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.14	188	1619359	0.40	ng/ul	0.10
18) Chrysene-d12	21.24	240	13733	0.40	ng/ul	0.00
22) Perylene-d12	23.32	264	997981	0.40	ng/ul	-0.14

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	10786	7.20	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	9043	0.53	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	20618	0.01	ng/ul	-0.01

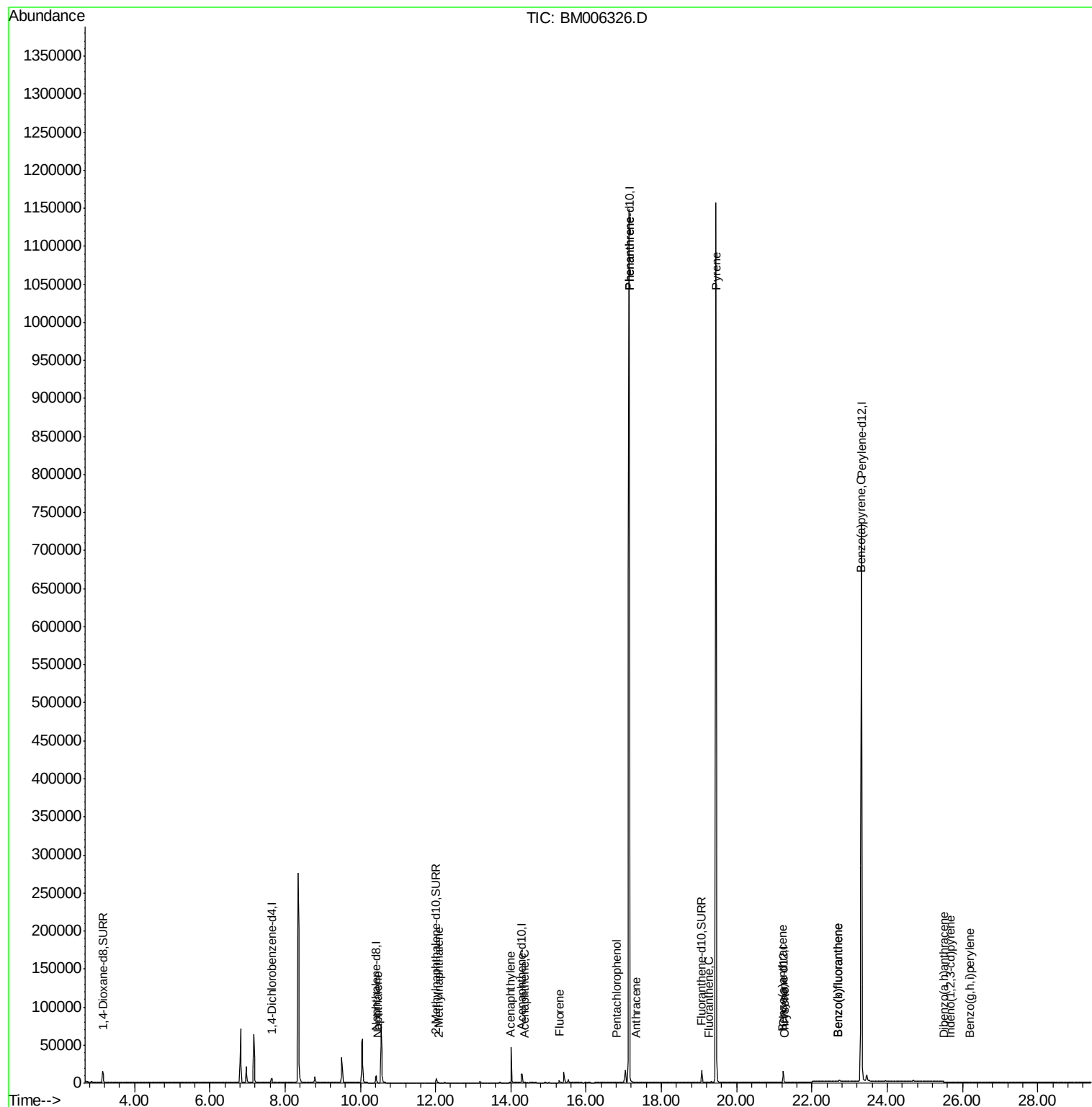
Target Compounds				Qvalue		
5) Naphthalene	10.48	128	36	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.09	142	16	0.00	ng/ul#	80
9) Acenaphthylene	13.99	152	205	0.01	ng/ul#	1
10) Acenaphthene	14.35	153	34	0.00	ng/ul#	72
11) Fluorene	15.29	166	3219	0.09	ng/ul#	21
13) Pentachlorophenol	16.80	266	4	0.00	ng/ul#	64
14) Phenanthrene	17.14	178	887	0.00	ng/ul#	1
15) Anthracene	17.33	178	48	0.00	ng/ul#	1
17) Fluoranthene	19.25	202	70	0.00	ng/ul#	1
19) Pyrene	19.45	202	2544	0.04	ng/ul#	1
20) Benzo(a)anthracene	21.23	228	164	0.00	ng/ul#	1
21) Chrysene	21.27	228	93	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.68	252	23	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.68	252	23	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.31	252	4292	0.00	ng/ul#	53
26) Indeno(1,2,3-cd)pyrene	25.67	276	1011	0.00	ng/ul#	53
27) Dibenzo(a,h)anthracene	25.50	278	1174	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.19	276	7	0.00	ng/ul#	1

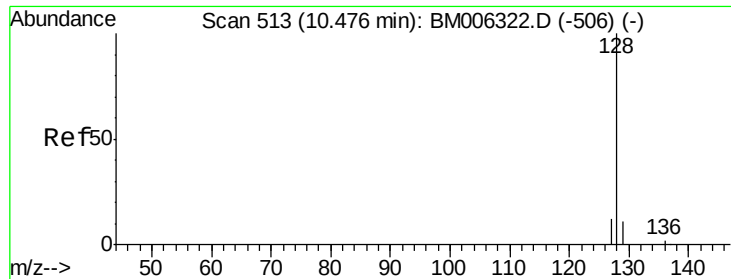
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.48 min Scan# 513

Delta R.T. -0.00 min

Lab File: BM006326.D

Acq: 07 Jul 2016 19:17

Instrument :

BNA_M

ClientSampleId :

SBLK38

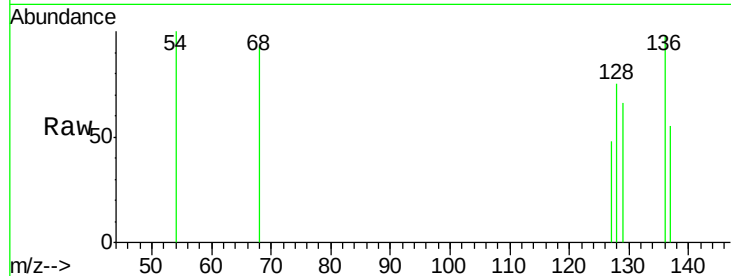
Tgt Ion:128 Resp: 36

Ion Ratio Lower Upper

128 100

129 88.5 9.0 13.6#

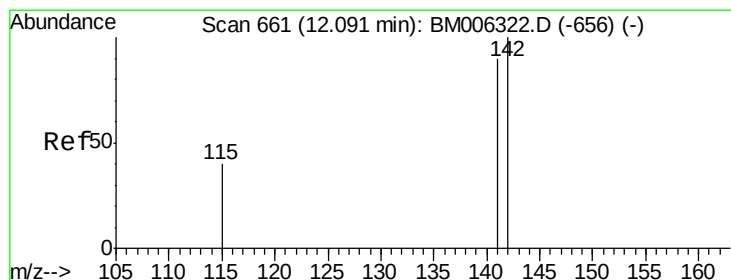
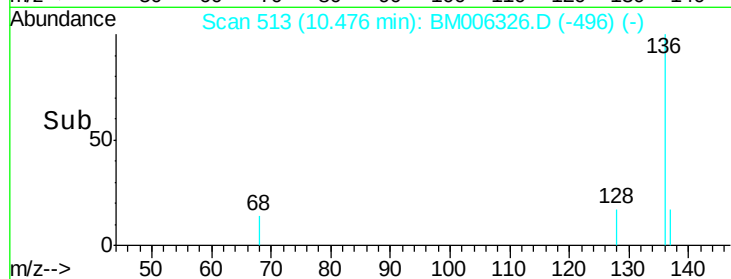
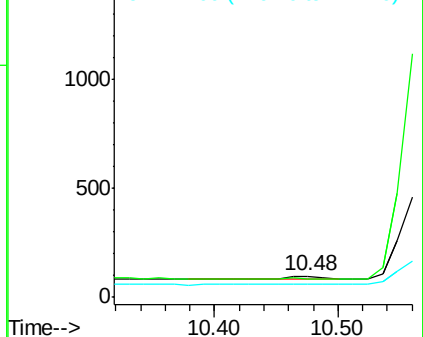
127 63.5 9.6 14.4#



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



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.09 min Scan# 661

Delta R.T. -0.00 min

Lab File: BM006326.D

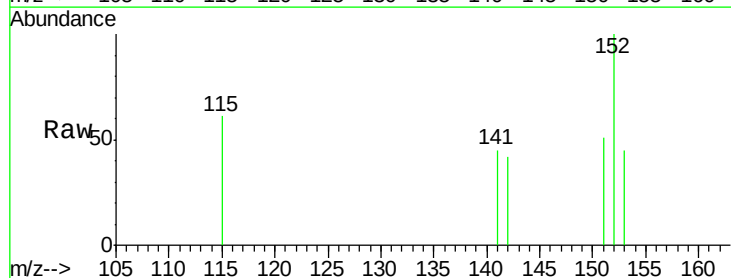
Acq: 07 Jul 2016 19:17

Tgt Ion:142 Resp: 16

Ion Ratio Lower Upper

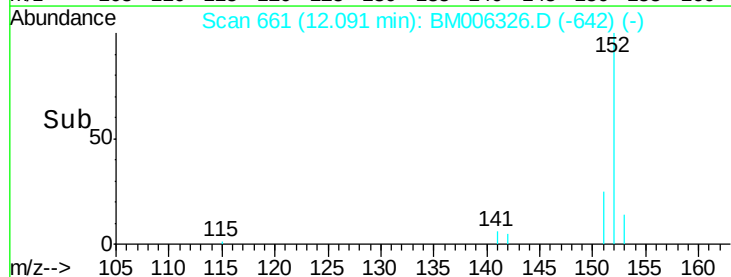
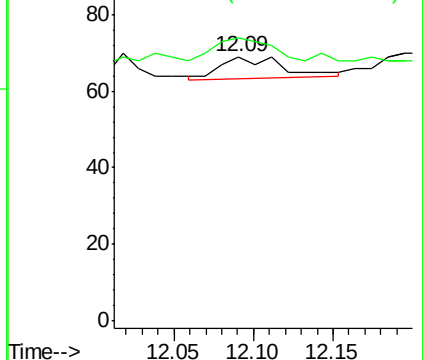
142 100

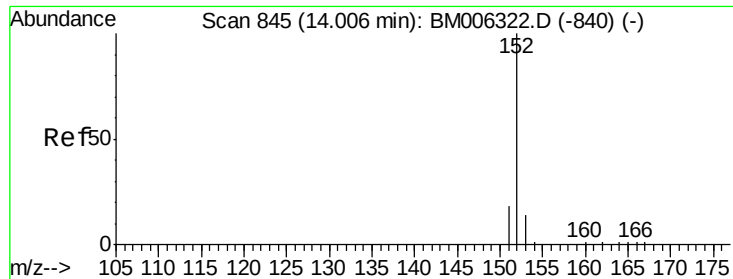
141 106.3 70.3 105.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 13.99 min Scan# 843

Delta R.T. -0.02 min

Lab File: BM006326.D

Acq: 07 Jul 2016 19:17

Instrument :

BNA_M

ClientSampleId :

SBLK38

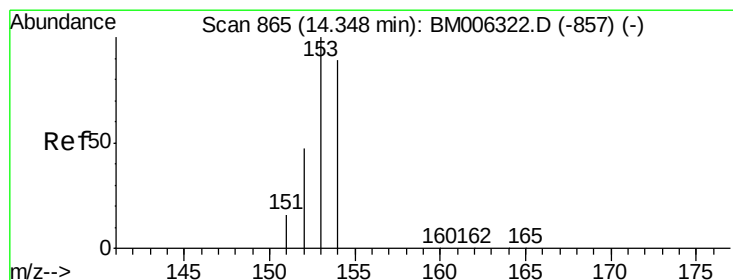
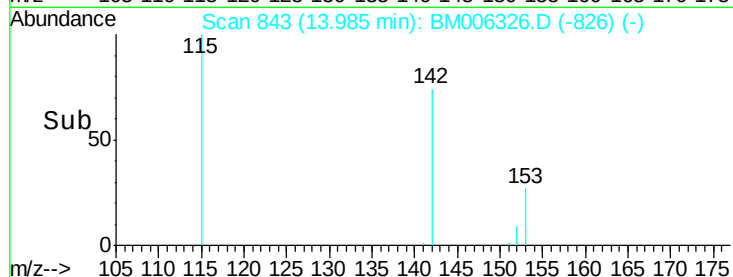
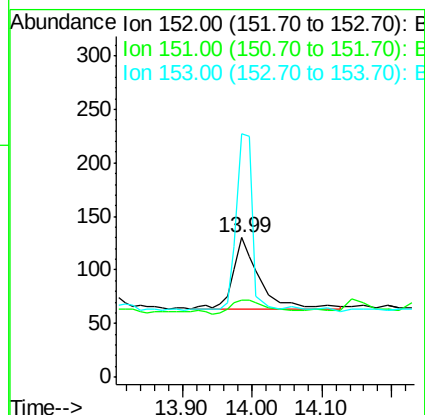
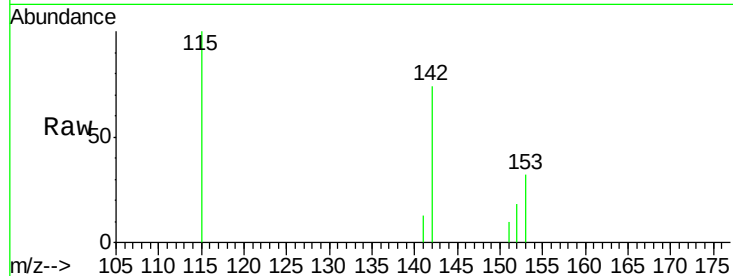
Tgt Ion:152 Resp: 205

Ion Ratio Lower Upper

152 100

151 55.4 17.6 26.4#

153 174.6 9.7 14.5#



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.35 min Scan# 865

Delta R.T. -0.00 min

Lab File: BM006326.D

Acq: 07 Jul 2016 19:17

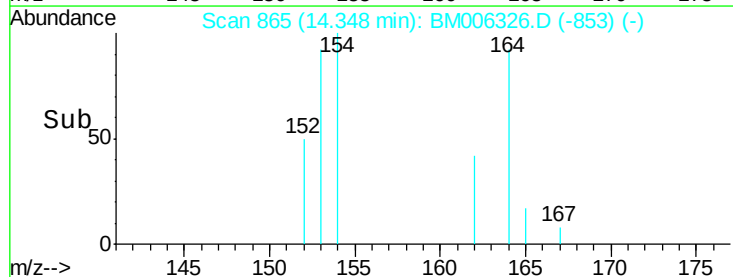
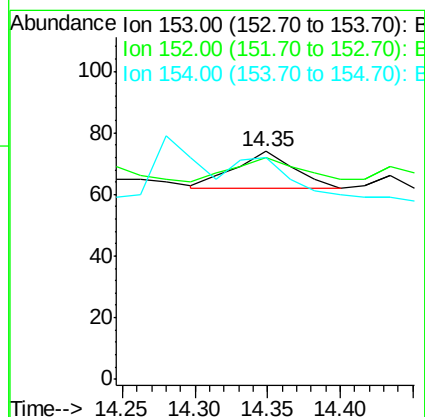
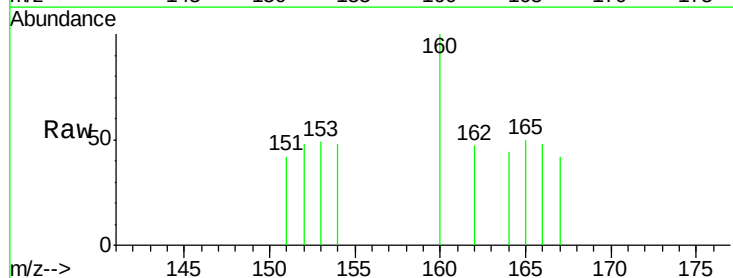
Tgt Ion:153 Resp: 34

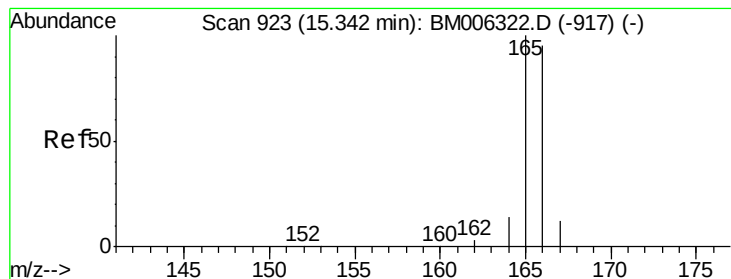
Ion Ratio Lower Upper

153 100

152 97.3 33.9 50.9#

154 97.3 80.6 121.0





#11

Fluorene

Concen: 0.09 ng/ul

RT: 15.29 min Scan# 920

Delta R.T. -0.05 min

Lab File: BM006326.D

Acq: 07 Jul 2016 19:17

Instrument :

BNA_M

ClientSampleId :

SBLK38

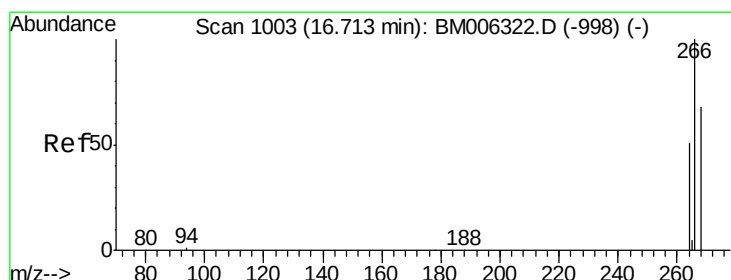
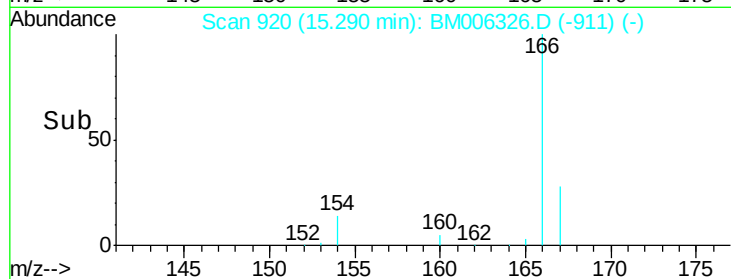
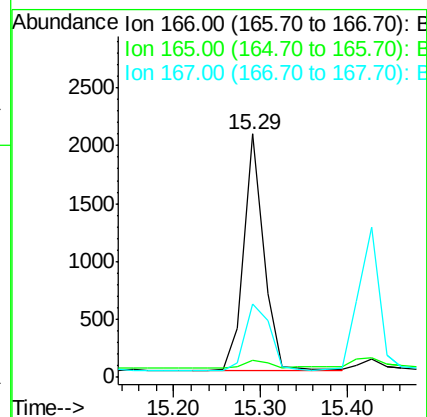
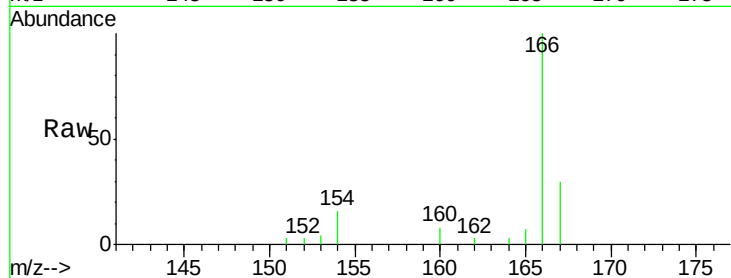
Tgt Ion:166 Resp: 3219

Ion Ratio Lower Upper

166 100

165 7.0 69.6 104.4#

167 30.0 11.9 17.9#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.80 min Scan# 1008

Delta R.T. 0.09 min

Lab File: BM006326.D

Acq: 07 Jul 2016 19:17

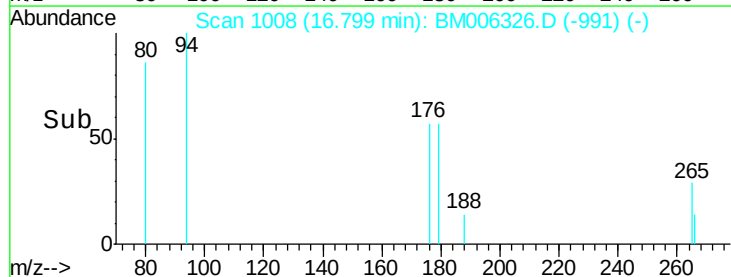
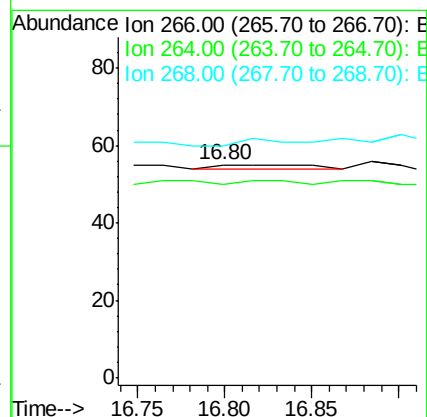
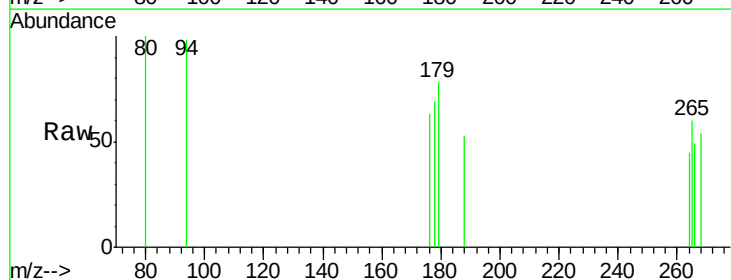
Tgt Ion:266 Resp: 4

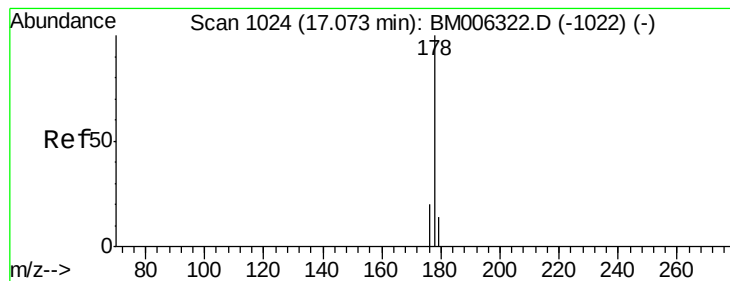
Ion Ratio Lower Upper

266 100

264 50.0 51.8 77.8#

268 100.0 46.8 70.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.14 min Scan# 1028

Delta R.T. 0.07 min

Lab File: BM006326.D

Acq: 07 Jul 2016 19:17

Instrument :

BNA_M

ClientSampleId :

SBLK38

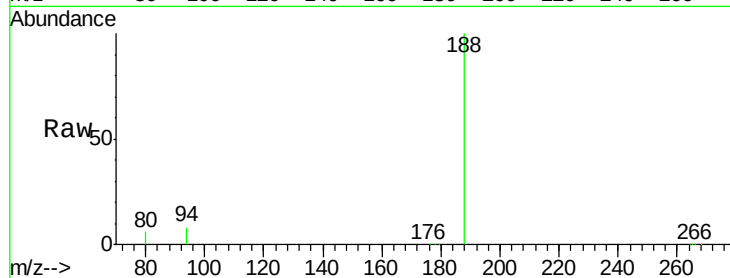
Tgt Ion:178 Resp: 887

Ion Ratio Lower Upper

178 100

176 16.7 13.0 19.4

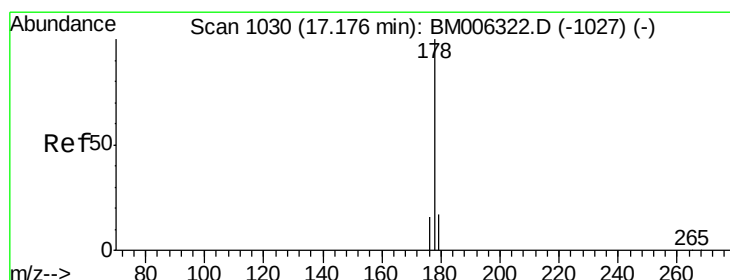
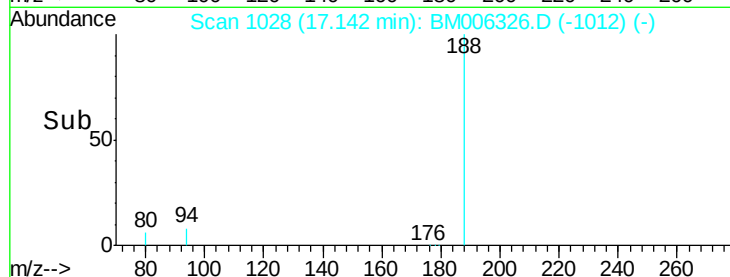
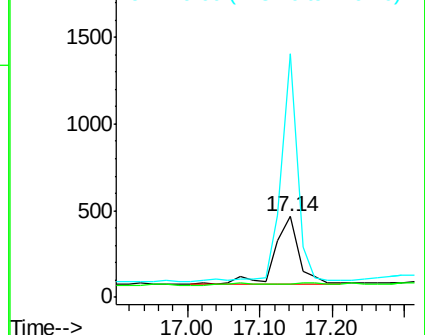
179 301.5 14.2 21.2#



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: 17.33 min Scan# 1039

Delta R.T. 0.15 min

Lab File: BM006326.D

Acq: 07 Jul 2016 19:17

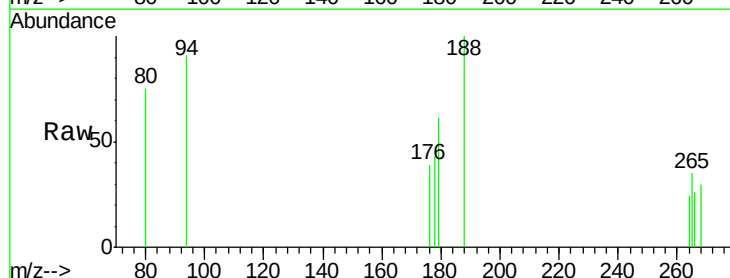
Tgt Ion:178 Resp: 48

Ion Ratio Lower Upper

178 100

176 91.3 14.0 21.0#

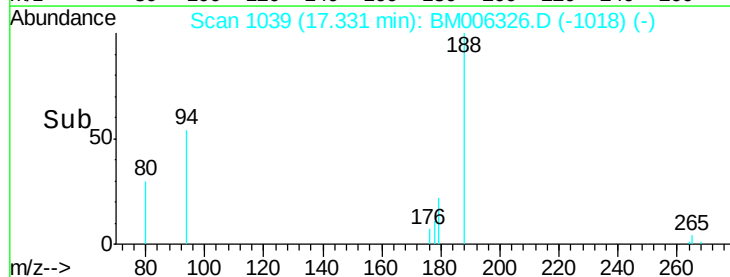
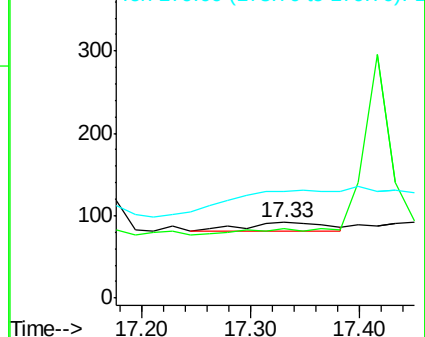
179 140.2 12.9 19.3#

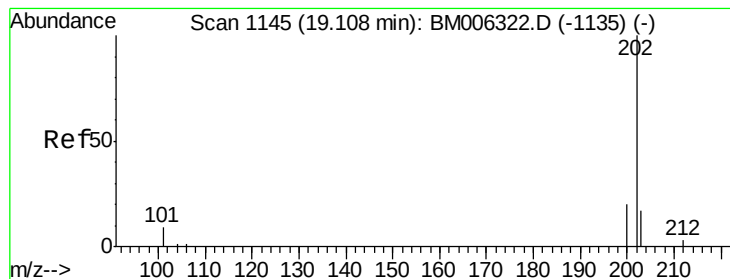


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.25 min Scan# 1157

Delta R.T. 0.15 min

Lab File: BM006326.D

Acq: 07 Jul 2016 19:17

Instrument :

BNA_M

ClientSampleId :

SBLK38

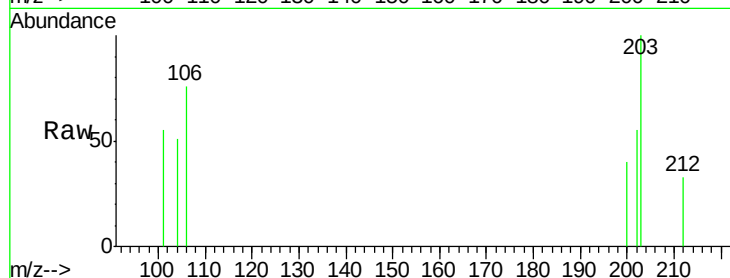
Tgt Ion:202 Resp: 70

Ion Ratio Lower Upper

202 100

101 100.8 0.0 29.6#

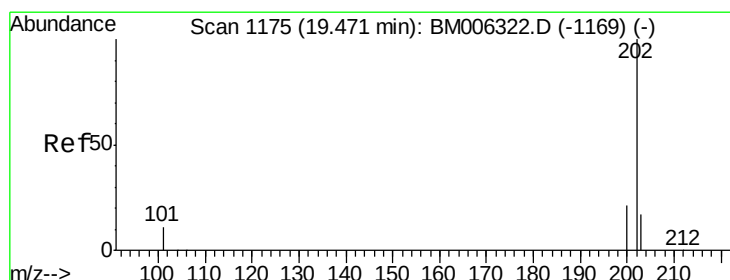
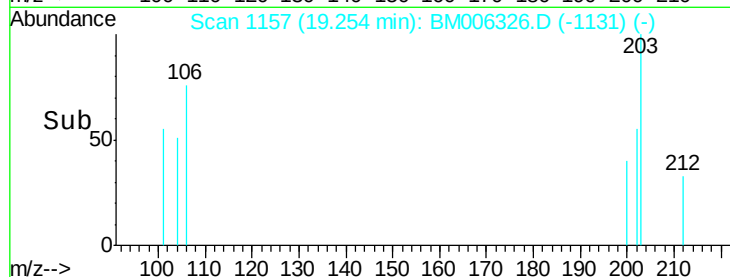
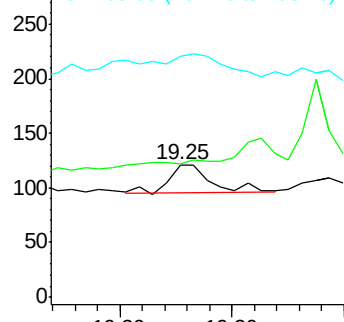
203 182.6 0.0 36.3#



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: 19.45 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BM006326.D

Acq: 07 Jul 2016 19:17

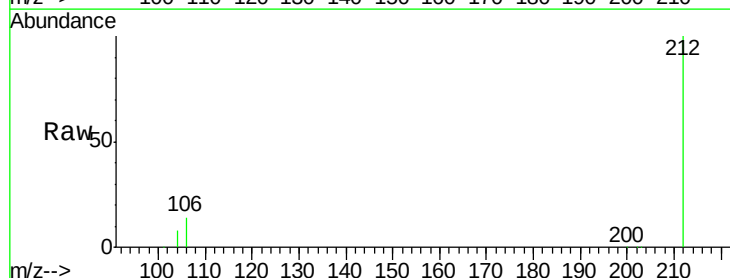
Tgt Ion:202 Resp: 2544

Ion Ratio Lower Upper

202 100

200 7.5 17.8 26.8#

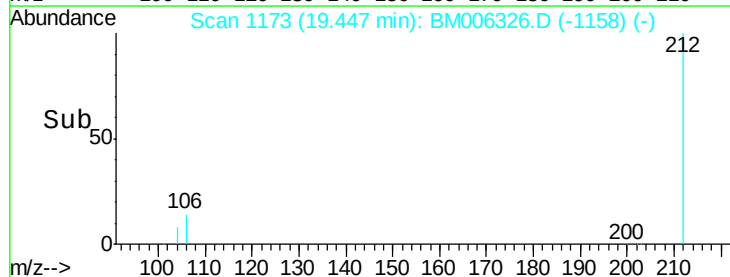
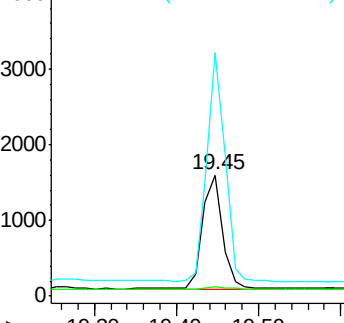
203 201.4 12.8 19.2#

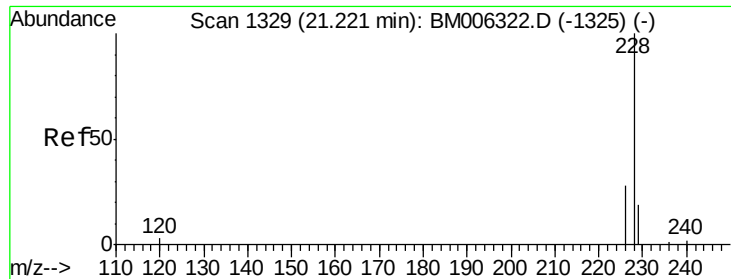


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.23 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BM006326.D

Acq: 07 Jul 2016 19:17

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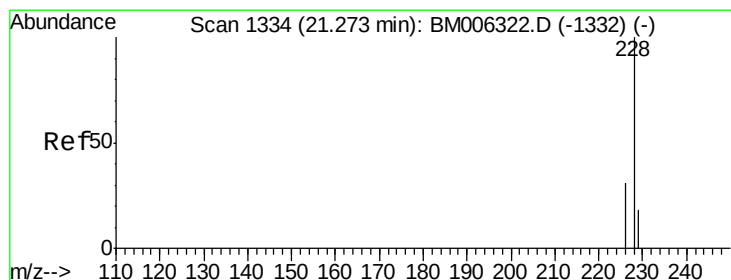
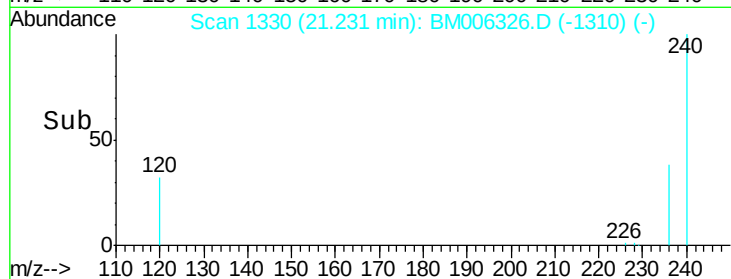
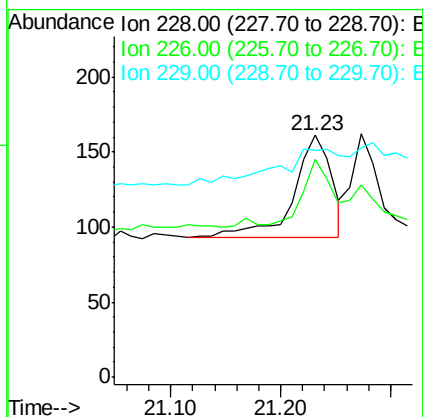
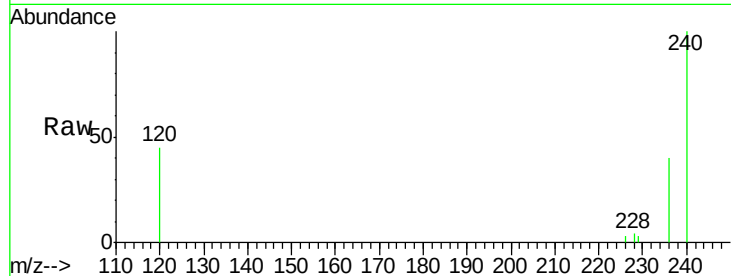
Tgt Ion:228 Resp: 164

Ion Ratio Lower Upper

228 100

226 90.1 18.8 28.2#

229 93.8 17.1 25.7#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.27 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BM006326.D

Acq: 07 Jul 2016 19:17

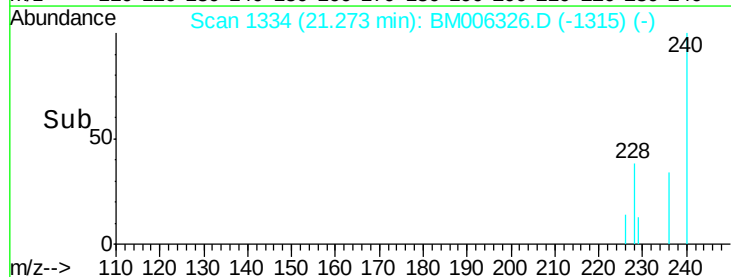
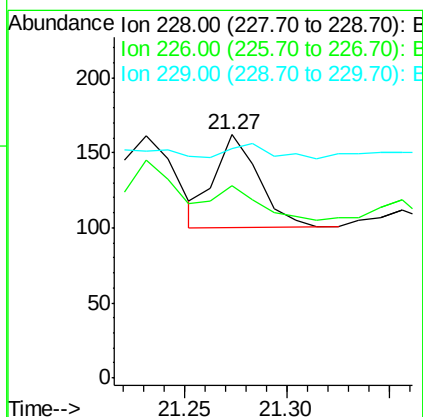
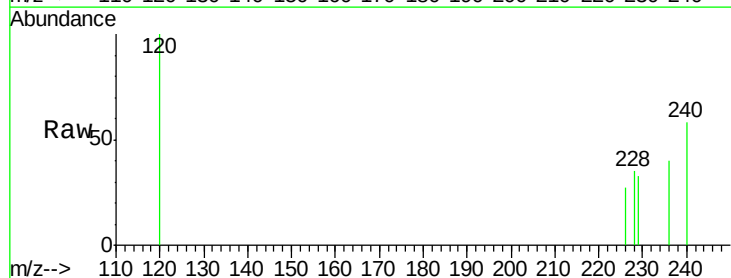
Tgt Ion:228 Resp: 93

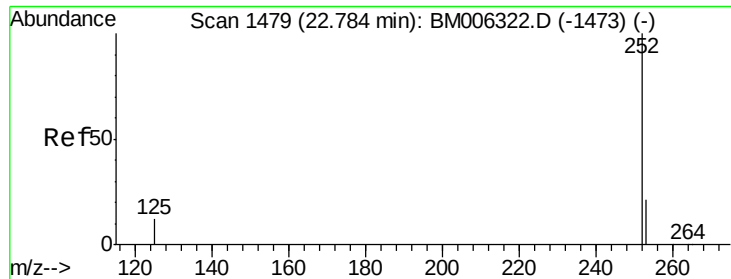
Ion Ratio Lower Upper

228 100

226 79.0 21.2 31.8#

229 94.4 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.68 min Scan# 1469

Delta R.T. -0.10 min

Lab File: BM006326.D

Acq: 07 Jul 2016 19:17

Instrument :

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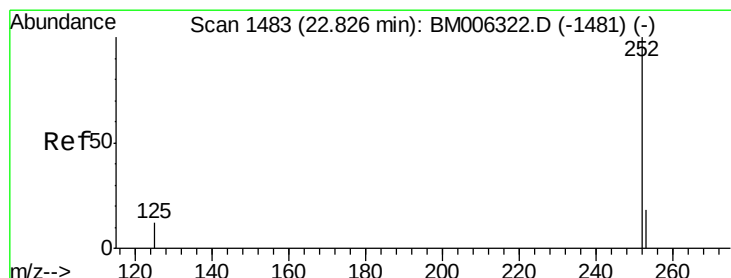
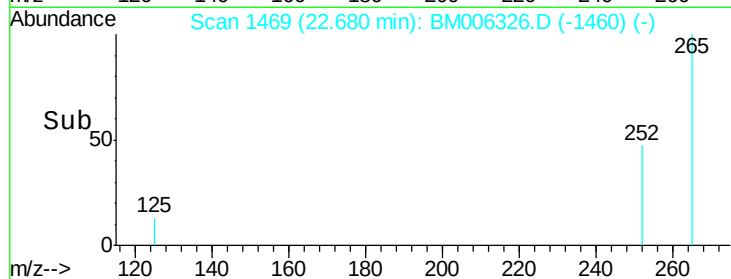
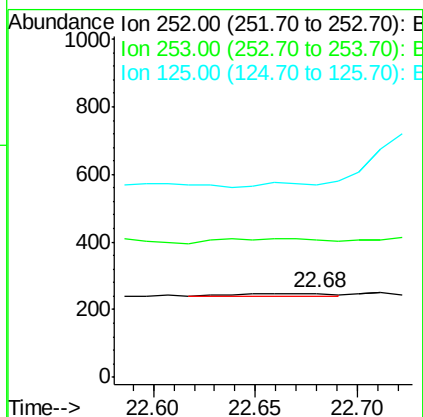
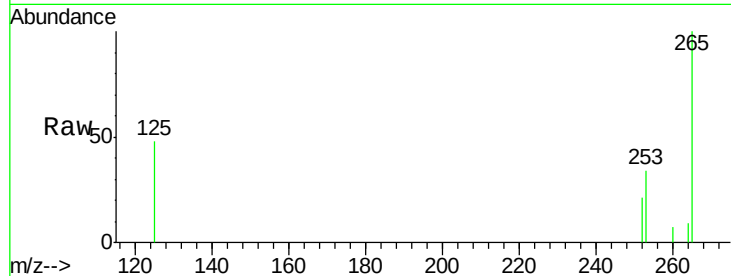
Tgt Ion:252 Resp: 23

Ion Ratio Lower Upper

252 100

253 164.8 0.0 45.4#

125 230.8 0.0 28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.68 min Scan# 1469

Delta R.T. -0.15 min

Lab File: BM006326.D

Acq: 07 Jul 2016 19:17

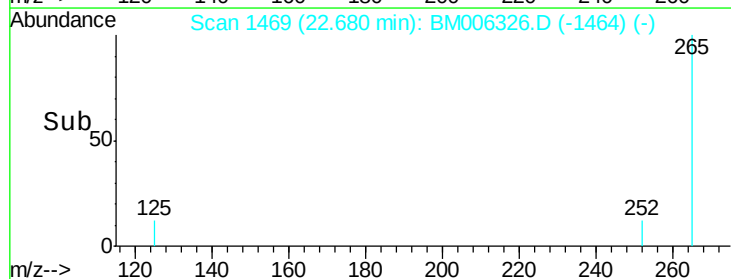
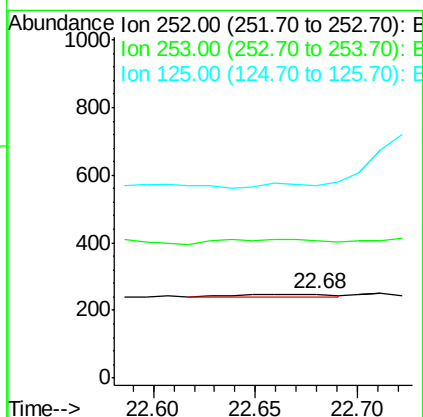
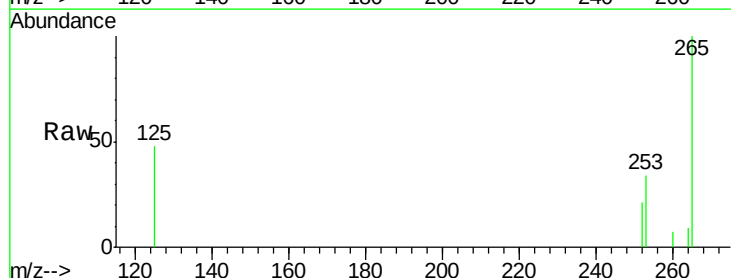
Tgt Ion:252 Resp: 23

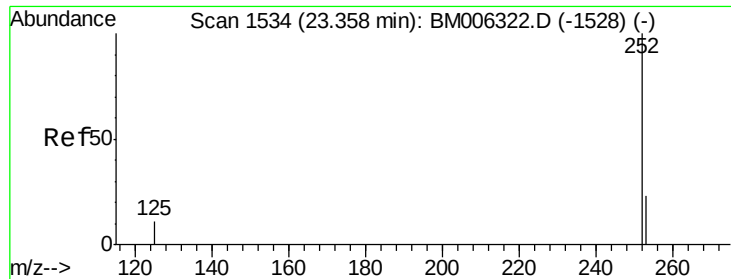
Ion Ratio Lower Upper

252 100

253 164.8 19.8 29.8#

125 230.8 10.4 15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.31 min Scan# 1529

Delta R.T. -0.05 min

Lab File: BM006326.D

Acq: 07 Jul 2016 19:17

Instrument :

BNA_M

ClientSampleId :

SBLK38

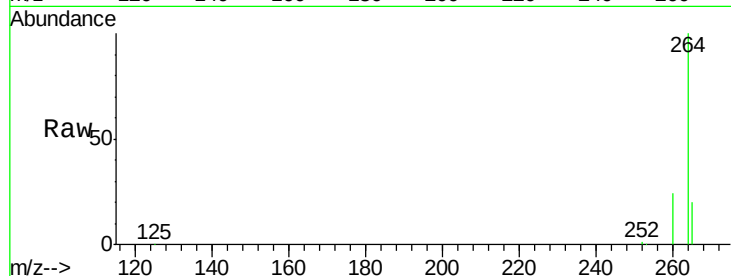
Tgt Ion:252 Resp: 4292

Ion Ratio Lower Upper

252 100

253 40.8 19.4 29.2#

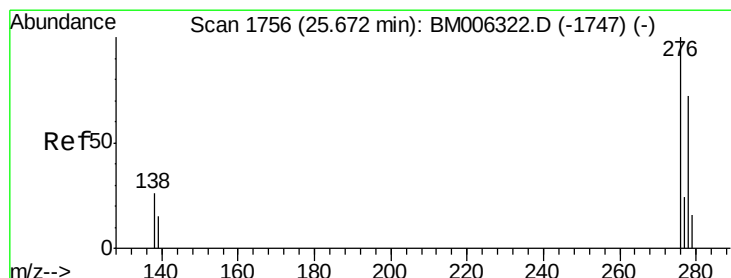
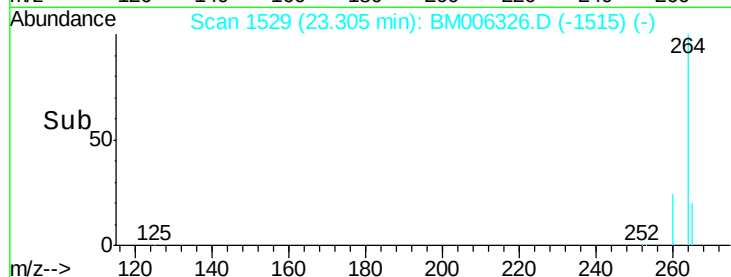
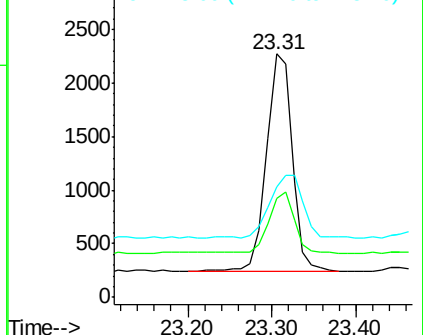
125 45.1 12.7 19.1#



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: 25.67 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BM006326.D

Acq: 07 Jul 2016 19:17

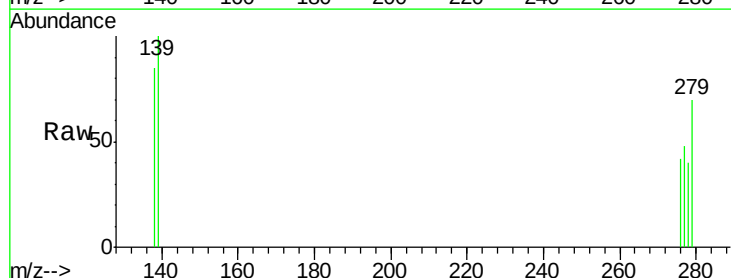
Tgt Ion:276 Resp: 1011

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

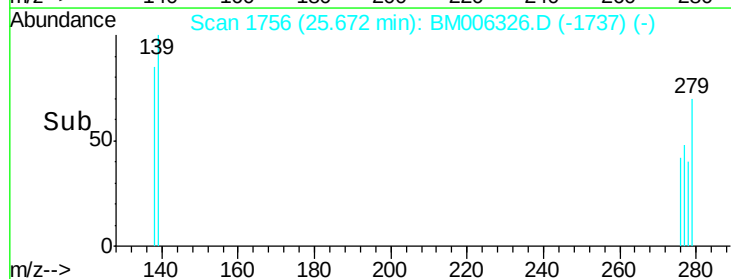
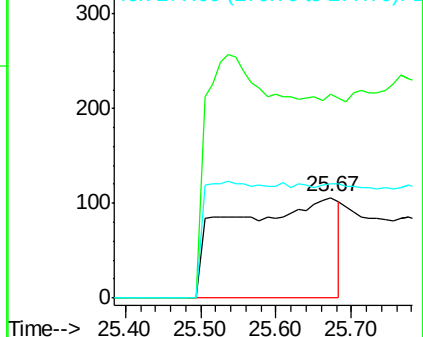
277 0.0 19.8 29.8#

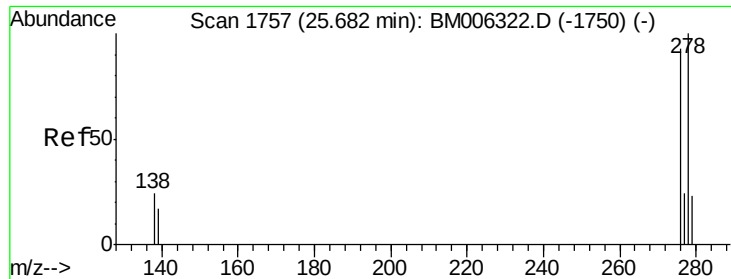


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.50 min Scan# 1740

Delta R.T. -0.18 min

Lab File: BM006326.D

Acq: 07 Jul 2016 19:17

Instrument :

BNA_M

ClientSampleId :

SBLK38

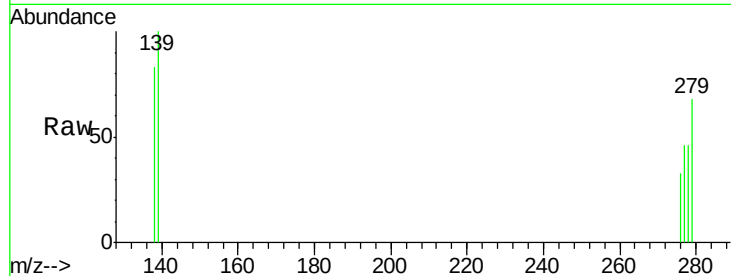
Tgt Ion: 278 Resp: 1174

Ion Ratio Lower Upper

278 100

139 216.9 16.4 24.6#

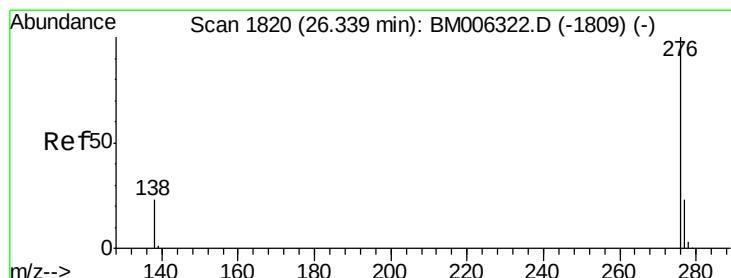
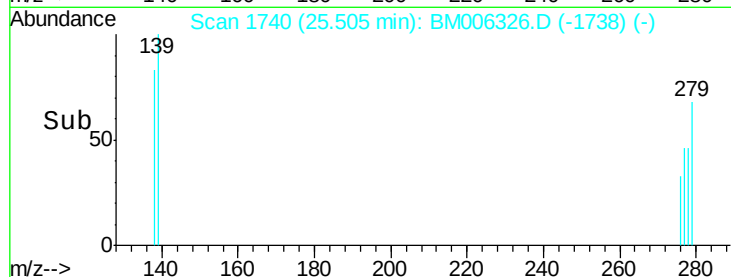
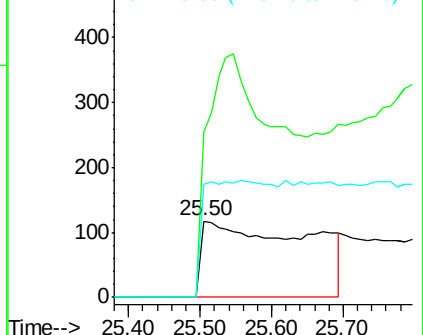
279 148.3 20.2 30.2#



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: 26.19 min Scan# 1806

Delta R.T. -0.15 min

Lab File: BM006326.D

Acq: 07 Jul 2016 19:17

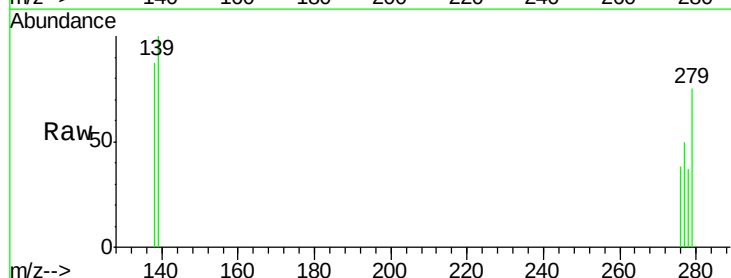
Tgt Ion: 276 Resp: 7

Ion Ratio Lower Upper

276 100

277 134.5 18.9 28.3#

138 231.0 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

