

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040816\
 Data File : BM004925.D
 Acq On : 08 Apr 2016 11:29
 Operator : UM/SJ
 Sample : PB89604BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK04

Quant Time: Apr 09 01:20:26 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 09 01:17:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	889	0.40	ng/ul	0.00
4) Naphthalene-d8	10.61	136	3828	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	2347	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.30	188	391010	0.40	ng/ul	0.10
18) Chrysene-d12	21.40	240	5830	0.40	ng/ul	0.01
22) Perylene-d12	23.55	264	415316	0.40	ng/ul	-0.14

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.31	96	5993	14.96	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	1863	0.35	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	4939	0.01	ng/ul	0.00

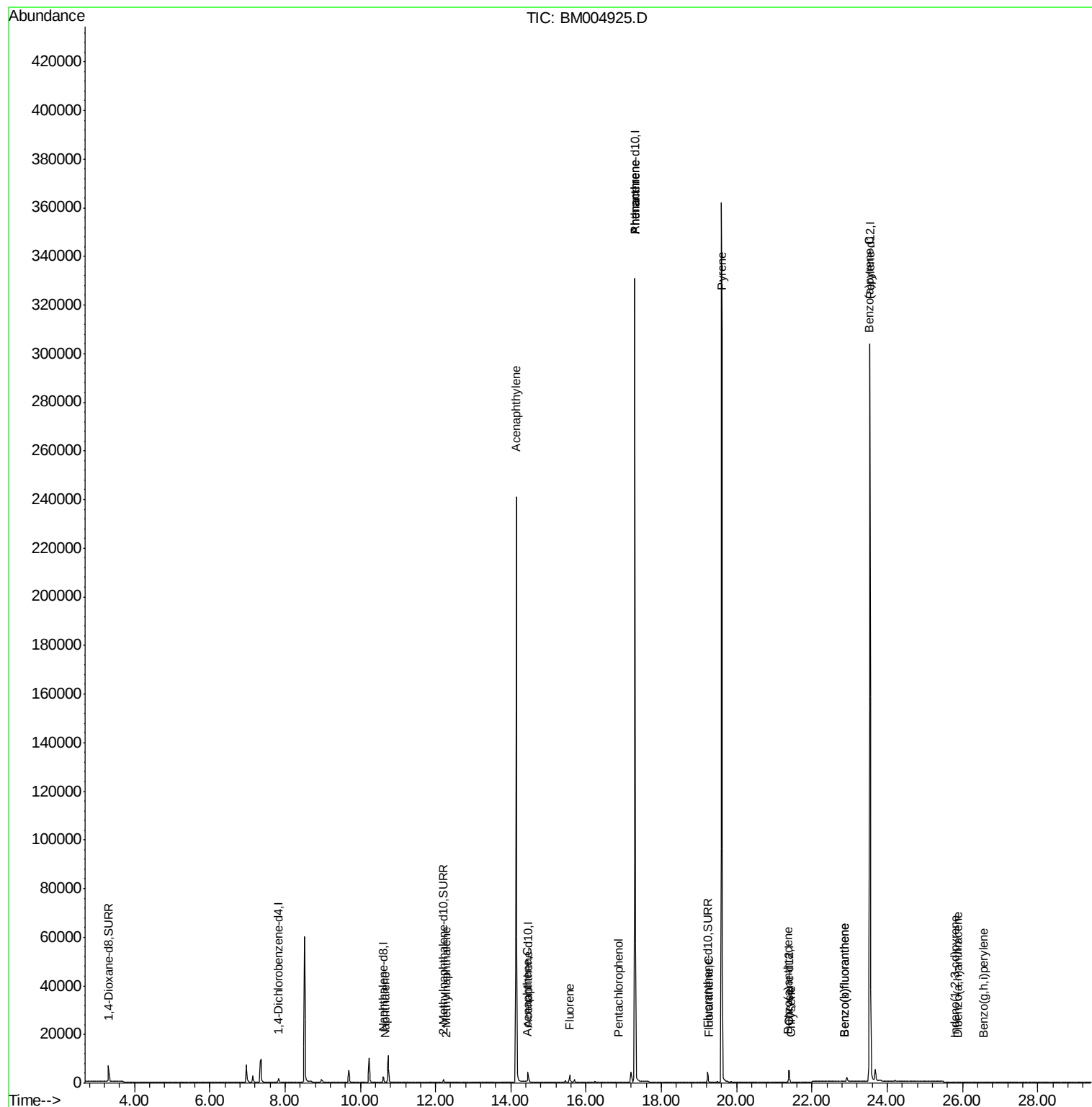
Target Compounds				Qvalue		
5) Naphthalene	10.66	128	10	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.27	142	9	0.00	ng/ul	89
9) Acenaphthylene	14.14	152	28	0.00	ng/ul#	1
10) Acenaphthene	14.43	153	9	0.00	ng/ul#	72
11) Fluorene	15.56	166	42	0.00	ng/ul#	1
13) Pentachlorophenol	16.85	266	13	0.00	ng/ul#	44
14) Phenanthrene	17.30	178	213	0.00	ng/ul#	1
15) Anthracene	17.30	178	190	0.00	ng/ul#	1
17) Fluoranthene	19.27	202	41	0.00	ng/ul#	1
19) Pyrene	19.59	202	755	0.04	ng/ul#	1
20) Benzo(a)anthracene	21.38	228	61	0.00	ng/ul#	1
21) Chrysene	21.43	228	69	0.00	ng/ul#	13
23) Benzo(b)fluoranthene	22.86	252	6	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.86	252	6	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.53	252	1656	0.00	ng/ul#	53
26) Indeno(1,2,3-cd)pyrene	25.81	276	3	0.00	ng/ul#	53
27) Dibenzo(a,h)anthracene	25.88	278	1	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.56	276	1	0.00	ng/ul#	1

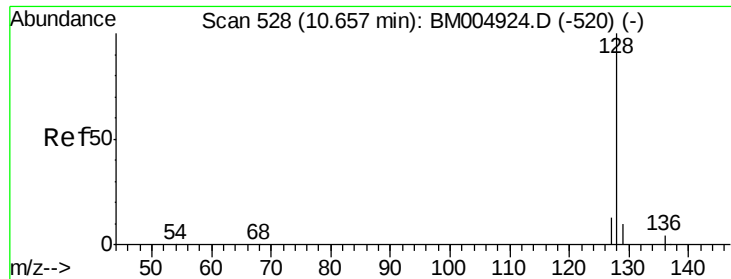
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.66 min Scan# 528

Delta R.T. 0.00 min

Lab File: BM004925.D

Acq: 08 Apr 2016 11:29

Instrument :

BNA_M

ClientSampleId :

SBLK04

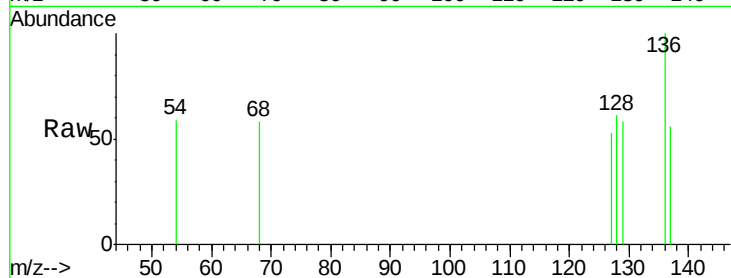
Tgt Ion:128 Resp: 10

Ion Ratio Lower Upper

128 100

129 94.8 9.0 13.6#

127 86.2 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

150

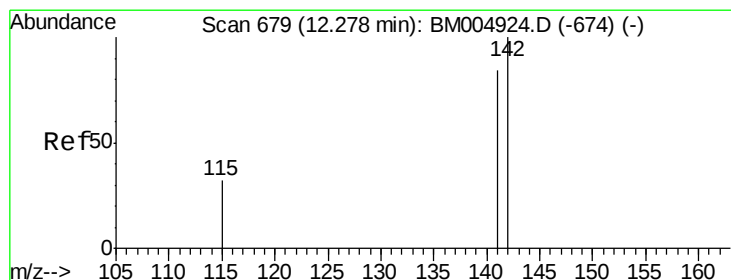
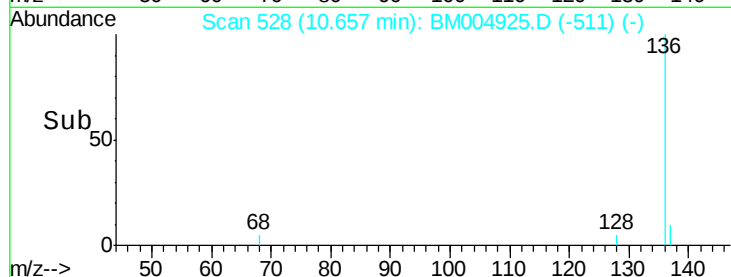
100

50

0

10.60 10.65 10.70

Time-->



#7

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.27 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM004925.D

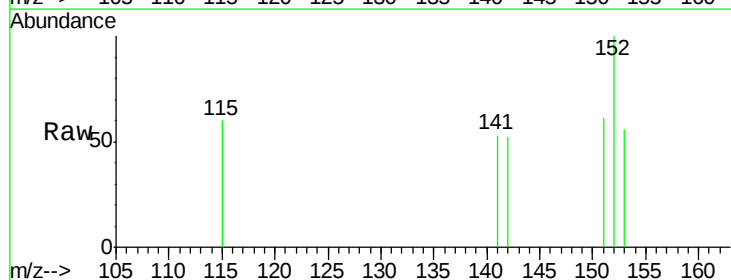
Acq: 08 Apr 2016 11:29

Tgt Ion:142 Resp: 9

Ion Ratio Lower Upper

142 100

141 77.8 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

60

50

40

30

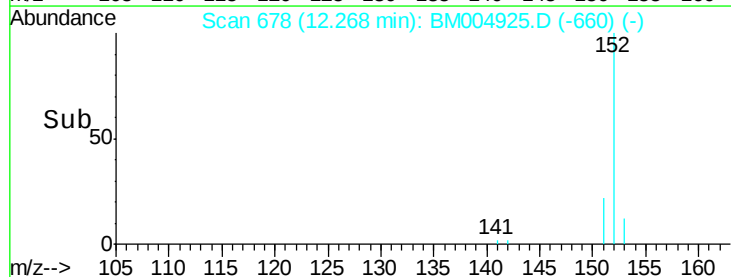
20

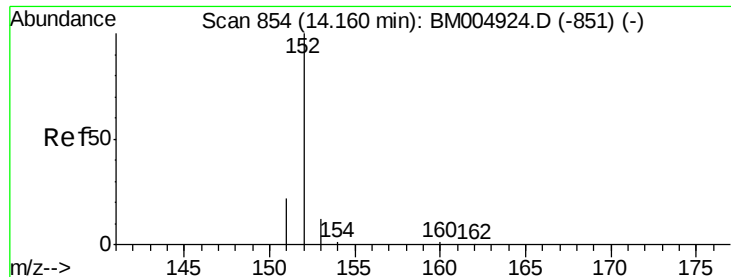
10

0

12.20 12.30

Time-->





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.14 min Scan# 853

Delta R.T. -0.02 min

Lab File: BM004925.D

Acq: 08 Apr 2016 11:29

Instrument :

BNA_M

ClientSampleId :

SBLK04

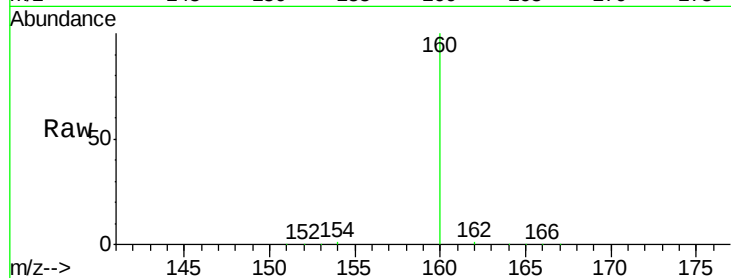
Tgt Ion:152 Resp: 28

Ion Ratio Lower Upper

152 100

151 82.3 17.6 26.4#

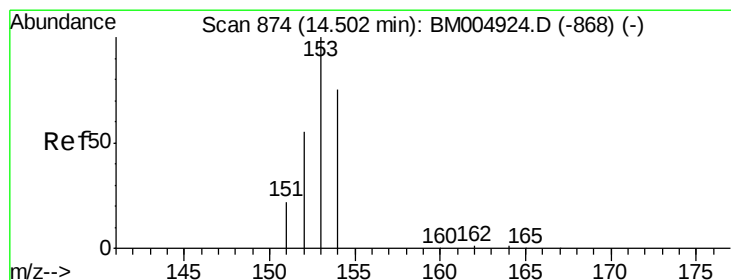
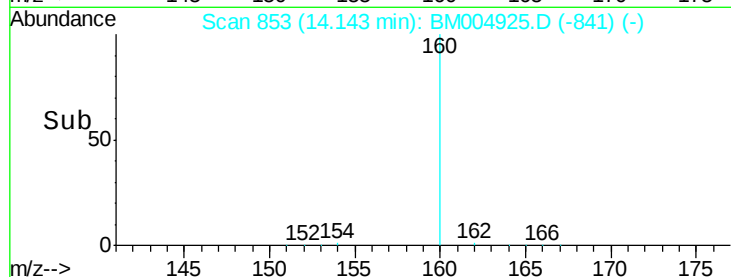
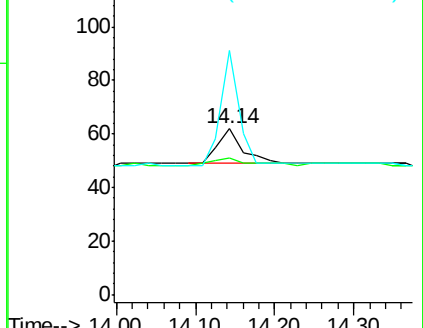
153 146.8 9.7 14.5#



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# 870

Delta R.T. -0.07 min

Lab File: BM004925.D

Acq: 08 Apr 2016 11:29

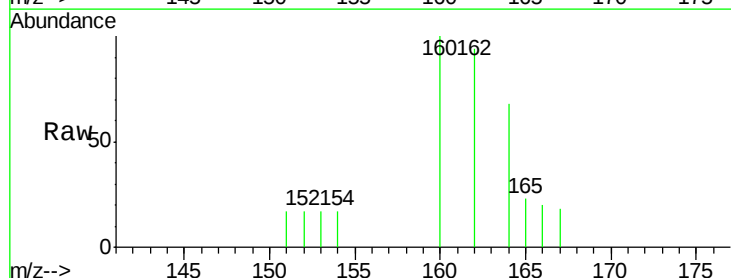
Tgt Ion:153 Resp: 9

Ion Ratio Lower Upper

153 100

152 100.0 33.9 50.9#

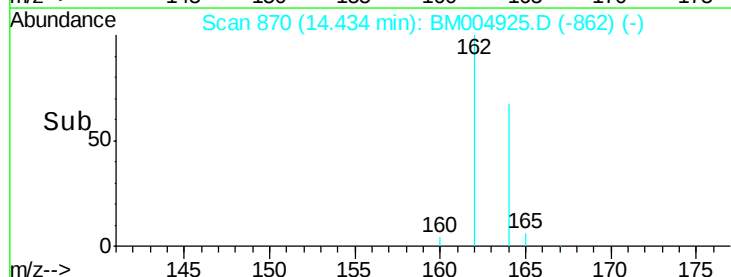
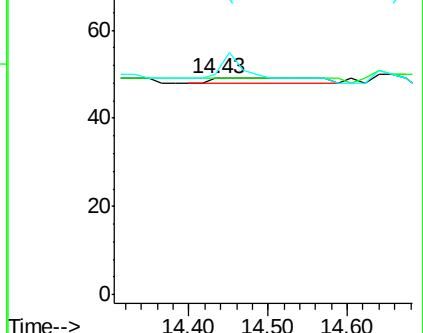
154 102.0 80.6 121.0

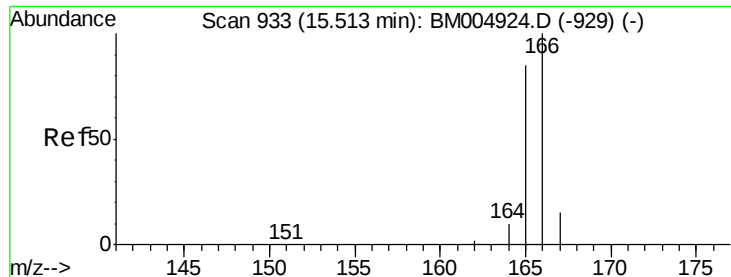


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

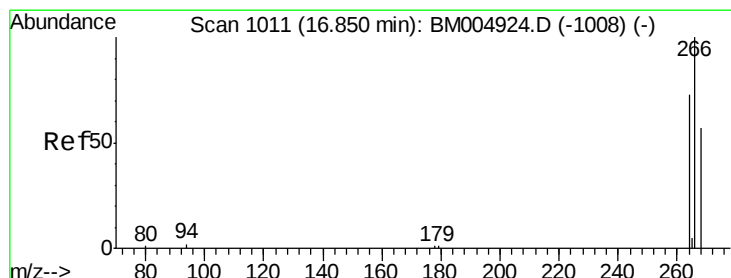
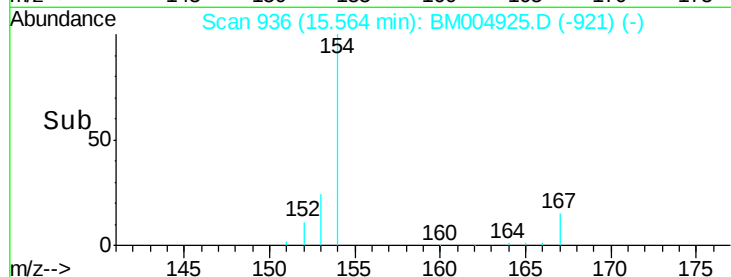
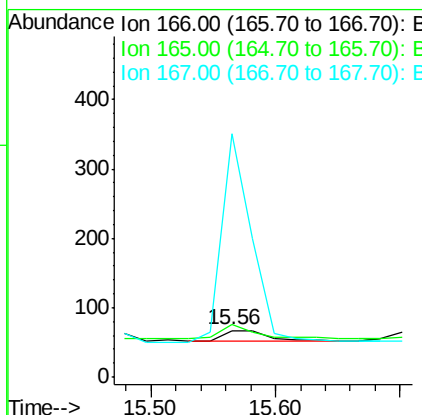
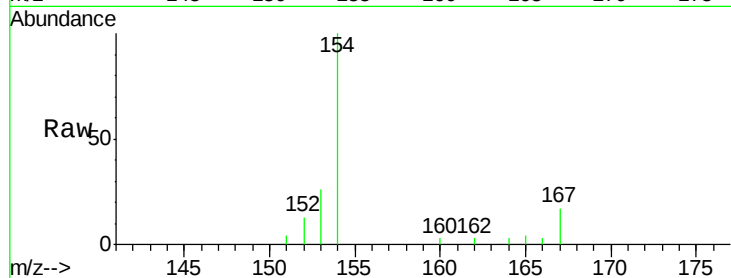




#11
 Fluorene
 Concen: 0.00 ng/ul
 RT: 15.56 min Scan# 936
 Delta R.T. 0.05 min
 Lab File: BM004925.D
 Acq: 08 Apr 2016 11:29

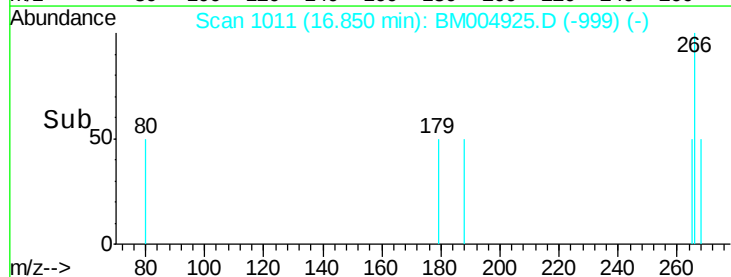
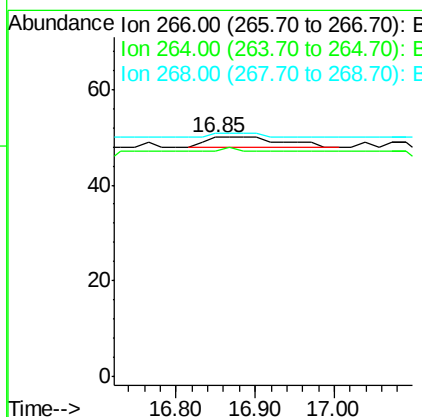
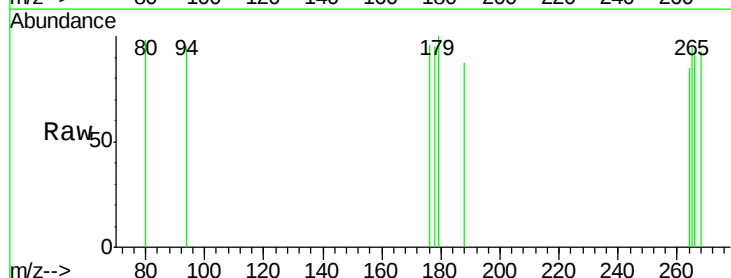
Instrument :
 BNA_M
 ClientSampleId :
 SBLK04

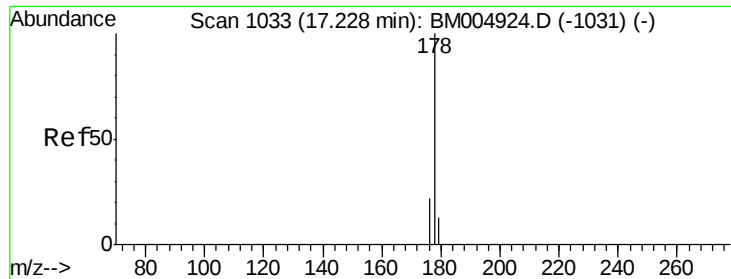
Tgt Ion:166 Resp: 42
 Ion Ratio Lower Upper
 166 100
 165 113.4 69.6 104.4#
 167 523.9 11.9 17.9#



#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.85 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BM004925.D
 Acq: 08 Apr 2016 11:29

Tgt Ion:266 Resp: 13
 Ion Ratio Lower Upper
 266 100
 264 7.7 51.8 77.8#
 268 30.8 46.8 70.2#





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.07 min

Lab File: BM004925.D

Acq: 08 Apr 2016 11:29

Instrument :

BNA_M

ClientSampleId :

SBLK04

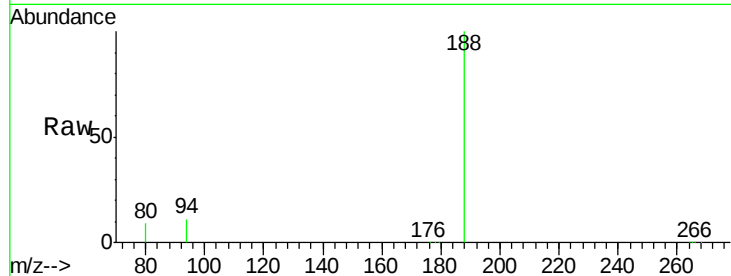
Tgt Ion:178 Resp: 213

Ion Ratio Lower Upper

178 100

176 34.2 13.0 19.4#

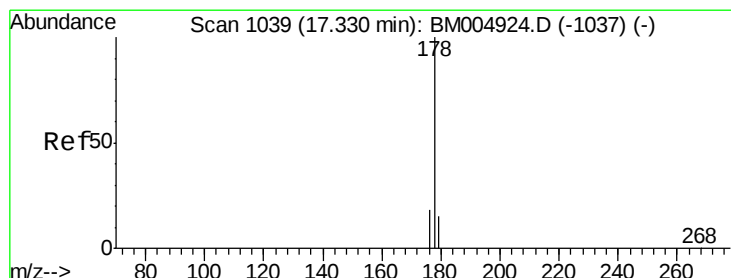
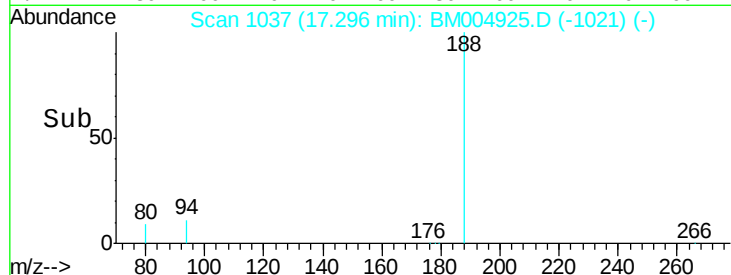
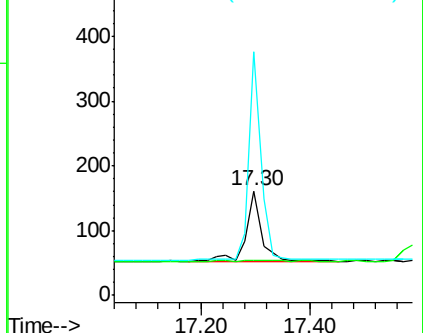
179 233.5 14.2 21.2#



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: 17.30 min Scan# 1037

Delta R.T. -0.03 min

Lab File: BM004925.D

Acq: 08 Apr 2016 11:29

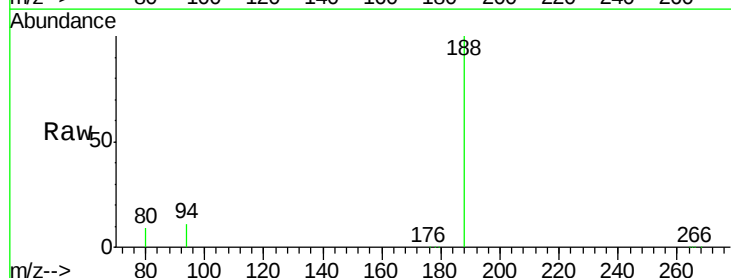
Tgt Ion:178 Resp: 190

Ion Ratio Lower Upper

178 100

176 34.2 14.0 21.0#

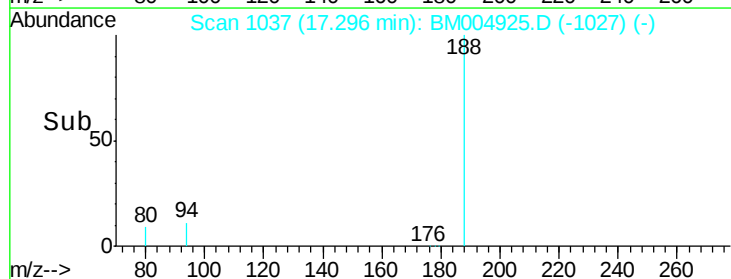
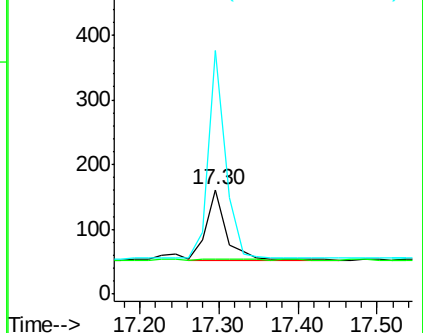
179 233.5 12.9 19.3#

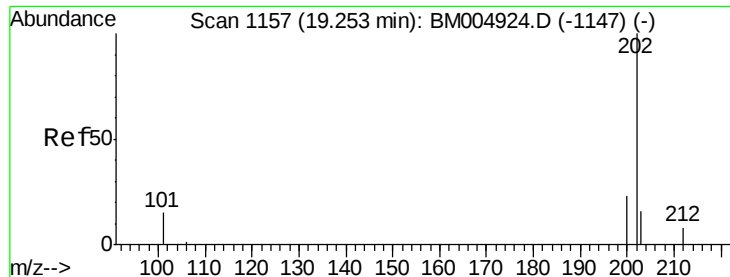


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.27 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BM004925.D

Acq: 08 Apr 2016 11:29

Instrument :

BNA_M

ClientSampleId :

SBLK04

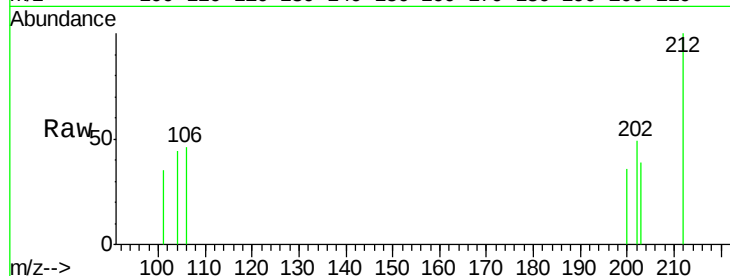
Tgt Ion:202 Resp: 41

Ion Ratio Lower Upper

202 100

101 72.2 0.0 29.6#

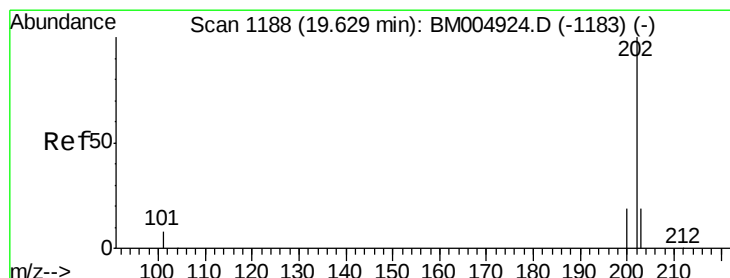
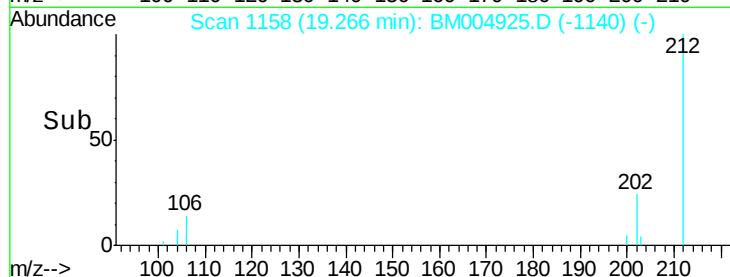
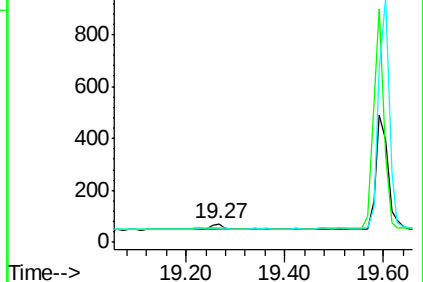
203 79.2 0.0 36.3#



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: 19.59 min Scan# 1185

Delta R.T. -0.04 min

Lab File: BM004925.D

Acq: 08 Apr 2016 11:29

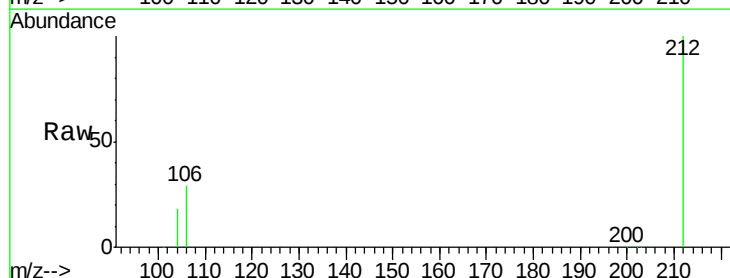
Tgt Ion:202 Resp: 755

Ion Ratio Lower Upper

202 100

200 12.7 17.8 26.8#

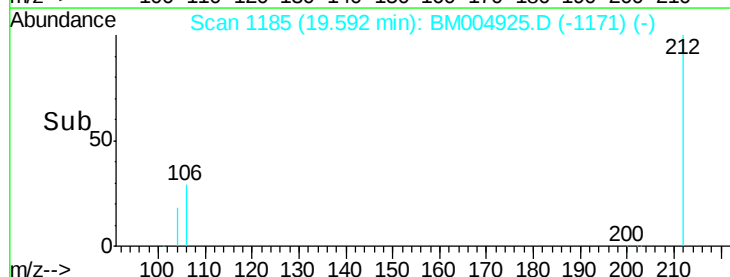
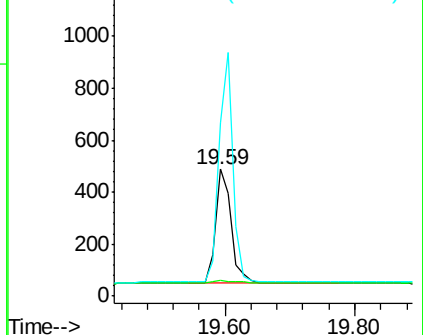
203 136.8 12.8 19.2#

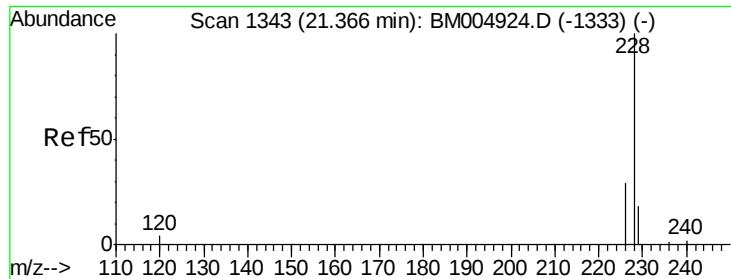


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.38 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BM004925.D

Acq: 08 Apr 2016 11:29

Instrument :

BNA_M

ClientSampleId :

SBLK04

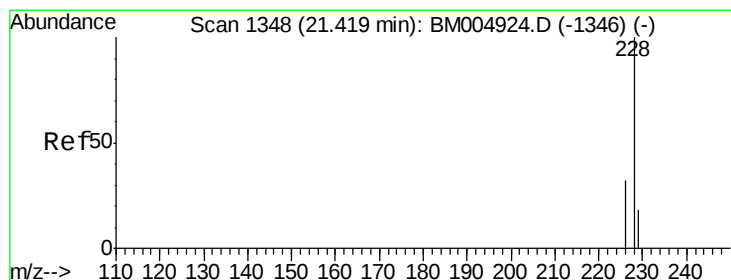
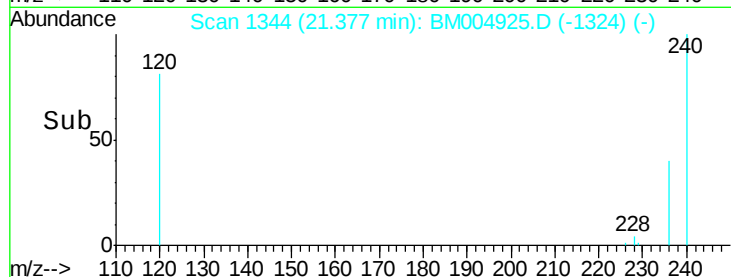
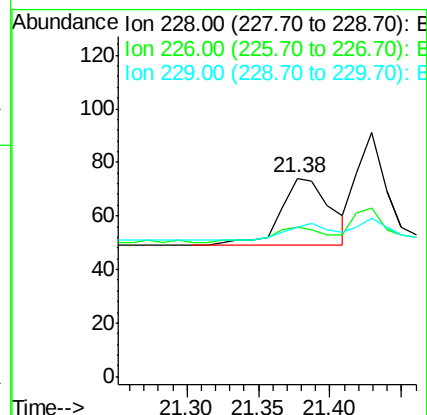
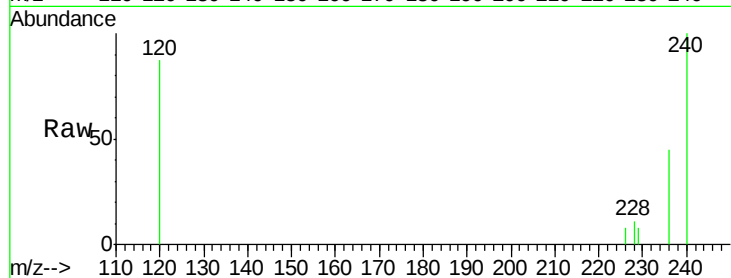
Tgt Ion:228 Resp: 61

Ion Ratio Lower Upper

228 100

226 75.7 18.8 28.2#

229 75.7 17.1 25.7#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BM004925.D

Acq: 08 Apr 2016 11:29

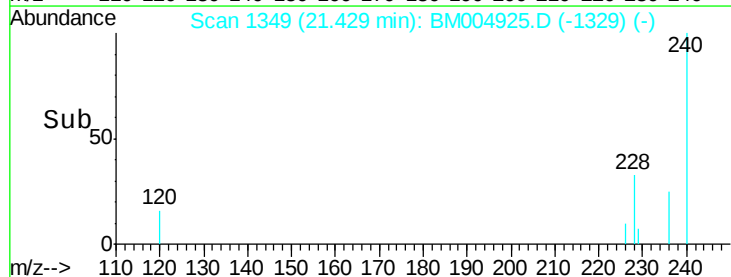
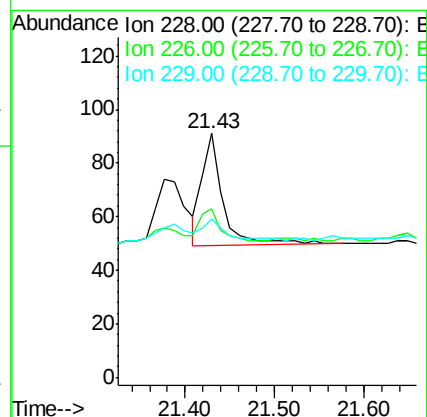
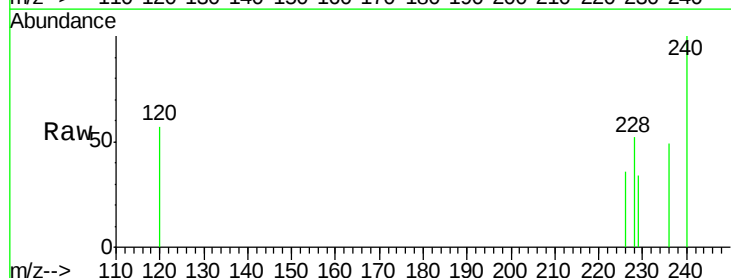
Tgt Ion:228 Resp: 69

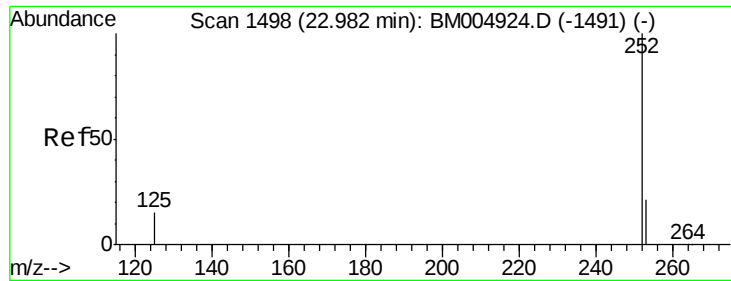
Ion Ratio Lower Upper

228 100

226 69.2 21.2 31.8#

229 64.8 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.86 min Scan# 1486

Delta R.T. -0.12 min

Lab File: BM004925.D

Acq: 08 Apr 2016 11:29

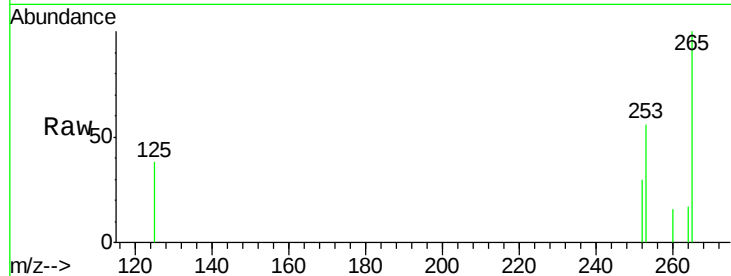
Instrument :

BNA_M

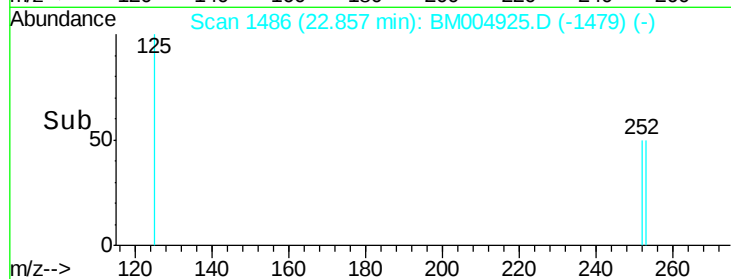
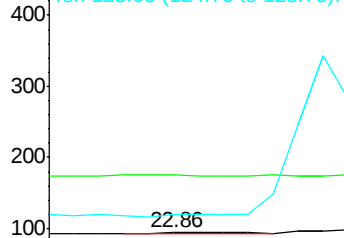
ClientSampleId :

SBLK04

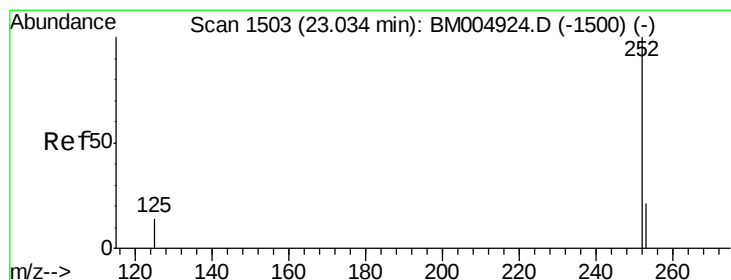
Tgt Ion:	252	Resp:	6
Ion	Ratio	Lower	Upper
252	100		
253	186.2	0.0	45.4#
125	126.6	0.0	28.8#



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



Time-->



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

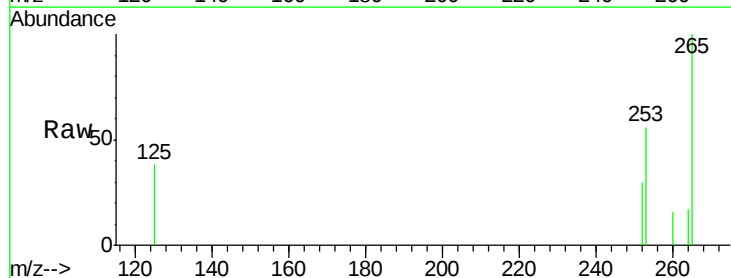
RT: 22.86 min Scan# 1486

Delta R.T. -0.18 min

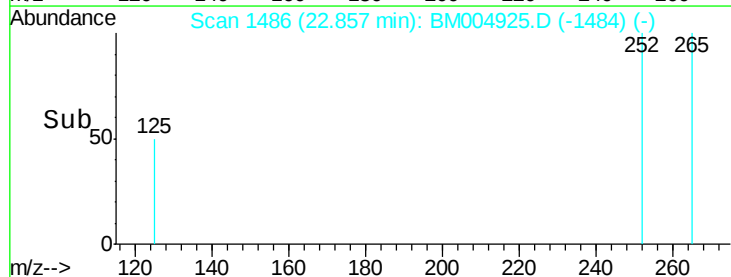
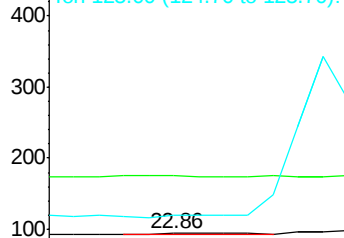
Lab File: BM004925.D

Acq: 08 Apr 2016 11:29

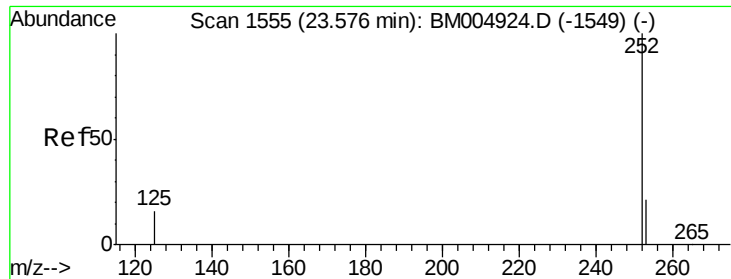
Tgt Ion:	252	Resp:	6
Ion	Ratio	Lower	Upper
252	100		
253	186.2	19.8	29.8#
125	126.6	10.4	15.6#



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



Time-->



#25

Benzo(a)pyrene

Concen: 0.00 ng/uI

RT: 23.53 min Scan# 1551

Delta R.T. -0.04 min

Lab File: BM004925.D

Acq: 08 Apr 2016 11:29

Instrument :

BNA_M

ClientSampleId :

SBLK04

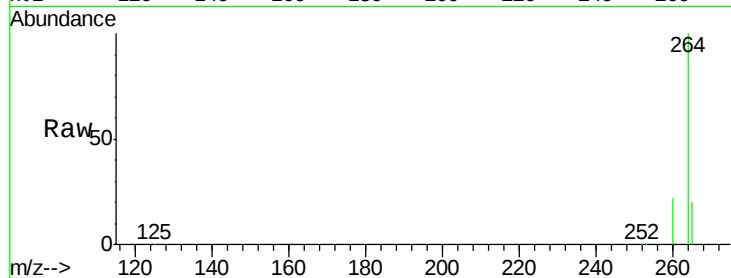
Tgt Ion:252 Resp: 1656

Ion Ratio Lower Upper

252 100

253 43.4 19.4 29.2#

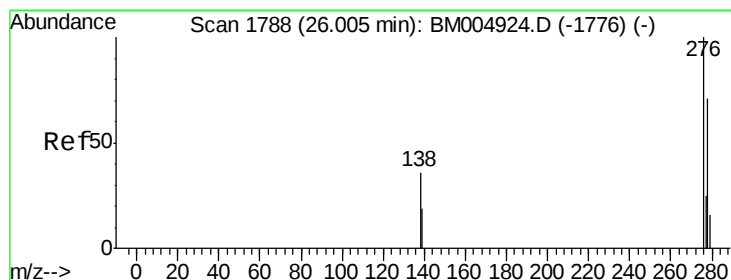
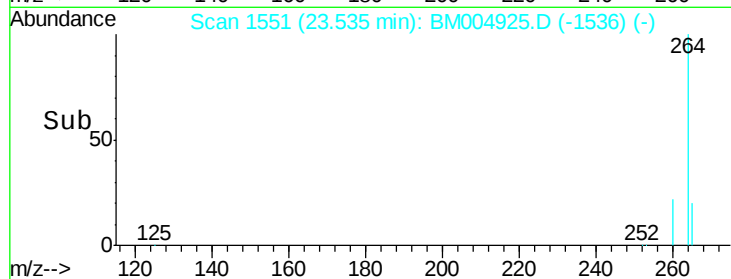
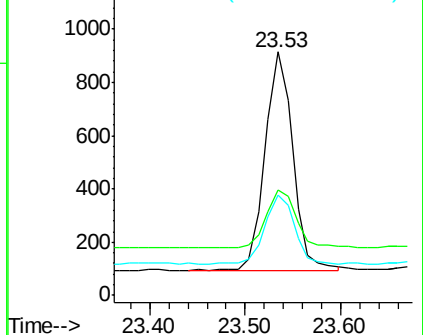
125 41.4 12.7 19.1#



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/uI

RT: 25.81 min Scan# 1769

Delta R.T. -0.20 min

Lab File: BM004925.D

Acq: 08 Apr 2016 11:29

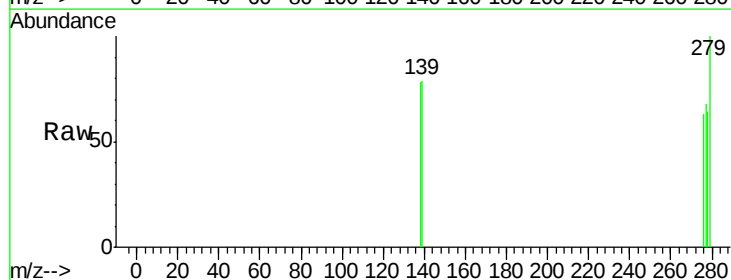
Tgt Ion:276 Resp: 3

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

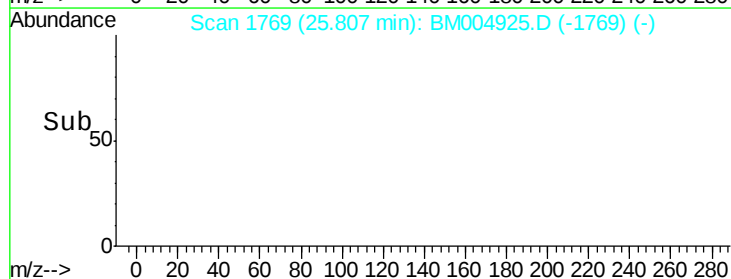
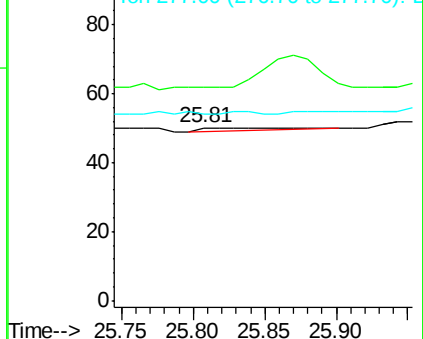
277 0.0 19.8 29.8#

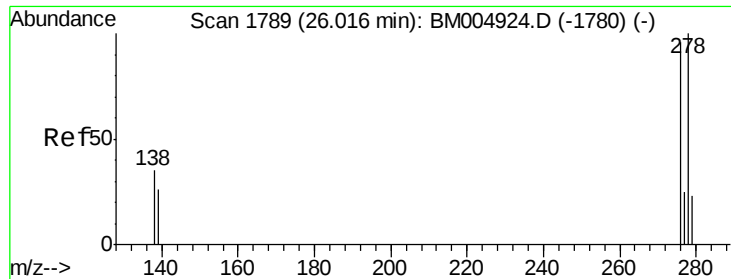


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.88 min Scan# 1776

Delta R.T. -0.14 min

Lab File: BM004925.D

Acq: 08 Apr 2016 11:29

Instrument :

BNA_M

ClientSampleId :

SBLK04

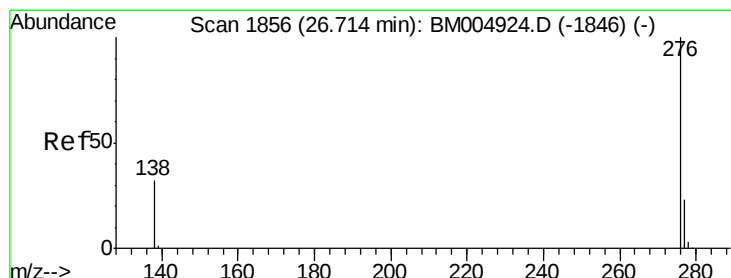
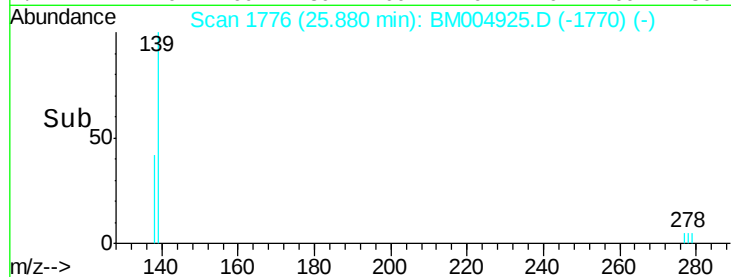
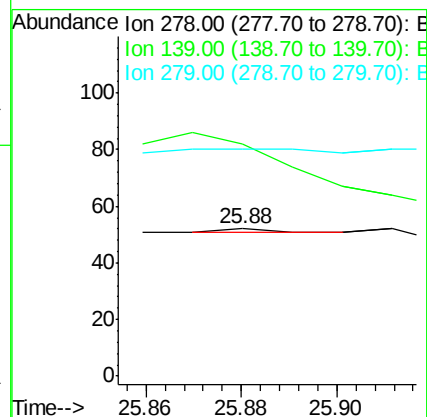
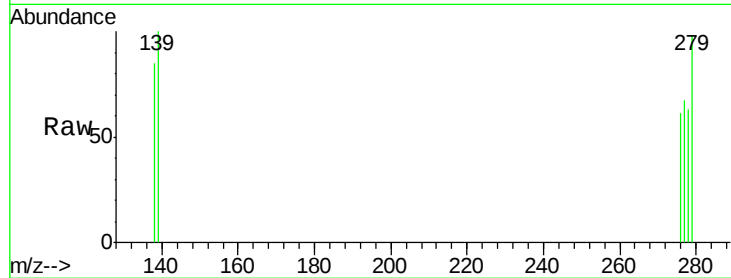
Tgt Ion: 278 Resp: 1

Ion Ratio Lower Upper

278 100

139 157.7 16.4 24.6#

279 153.8 20.2 30.2#



#28

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.56 min Scan# 1841

Delta R.T. -0.16 min

Lab File: BM004925.D

Acq: 08 Apr 2016 11:29

Tgt Ion: 276 Resp: 1

Ion Ratio Lower Upper

276 100

277 105.9 18.9 28.3#

138 121.6 22.5 33.7#

