

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032216\
 Data File : BM004729.D
 Acq On : 22 Mar 2016 16:18
 Operator : UM/SJ
 Sample : PB89037BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK37

Quant Time: Mar 23 04:12:21 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM032216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 23 05:10:55 2016
 Response via : Initial Calibration

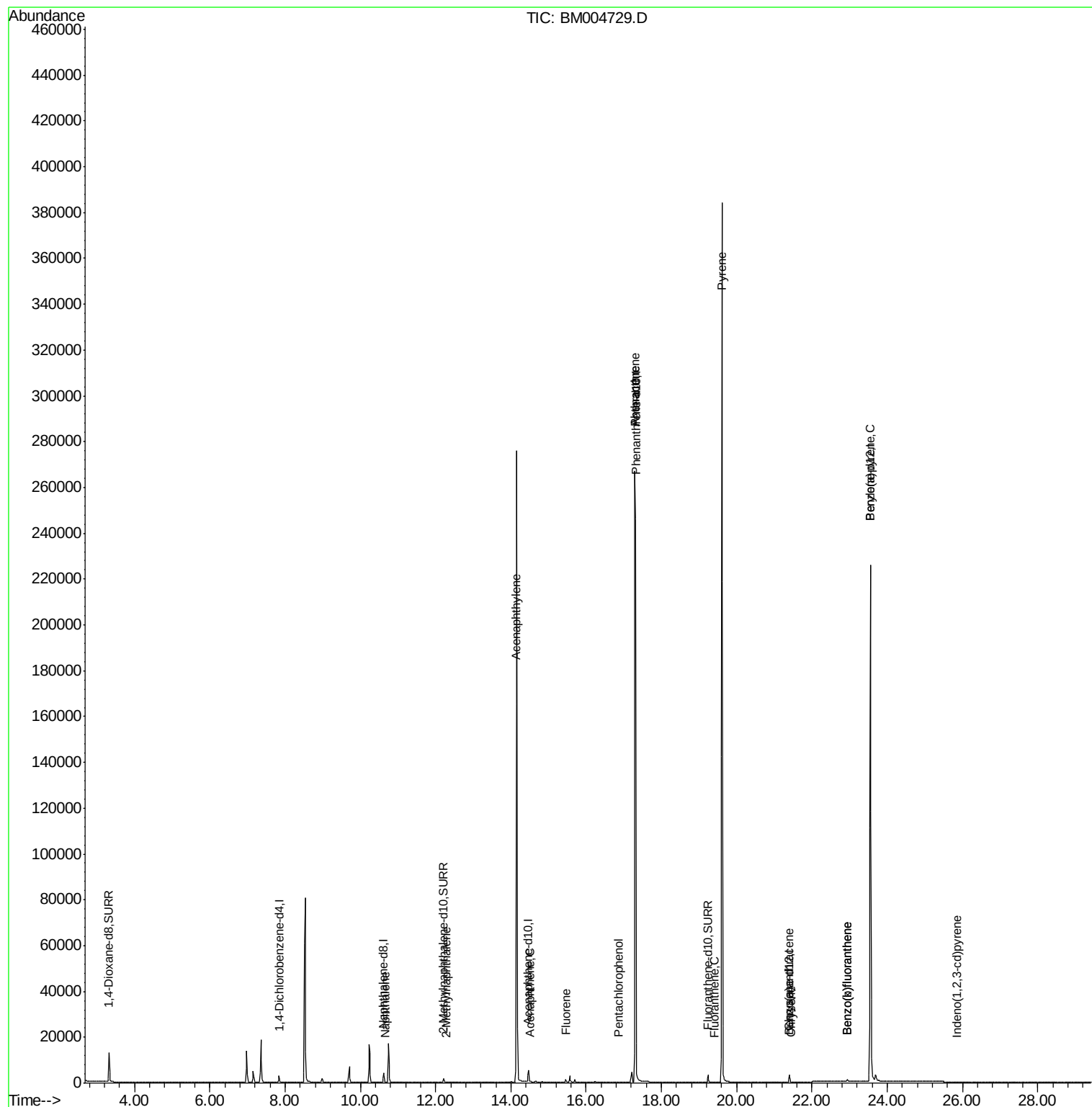
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1449	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	6071	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3256	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	441529	5.00	ng/ul	0.10
18) Chrysene-d12	21.40	240	3624	5.00	ng/ul	0.00
22) Perylene-d12	23.56	264	327949	5.00	ng/ul	-0.14
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	9516	13.55	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	2725	0.39	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	4076	0.00	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	14	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.28	142	9	0.00	ng/ul#	51
9) Acenaphthylene	14.14	152	36	0.00	ng/ul#	1
10) Acenaphthene	14.50	153	2	0.00	ng/ul#	71
11) Fluorene	15.46	166	868	0.08	ng/ul#	23
13) Pentachlorophenol	16.87	266	34	0.00	ng/ul#	66
14) Phenanthrene	17.30	178	273	0.00	ng/ul#	1
15) Anthracene	17.30	178	216	0.00	ng/ul#	1
17) Fluoranthene	19.40	202	2	0.00	ng/ul#	1
19) Pyrene	19.60	202	685	0.05	ng/ul#	1
20) Benzo(a)anthracene	21.39	228	61	0.01	ng/ul#	1
21) Chrysene	21.43	228	64	0.01	ng/ul#	7
23) Benzo(b)fluoranthene	22.93	252	6	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.93	252	6	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.55	252	1370	0.00	ng/ul#	60
26) Indeno(1,2,3-cd)pyrene	25.86	276	3	0.00	ng/ul#	53

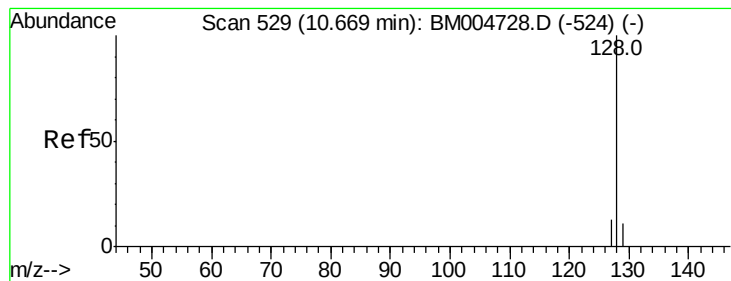
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004729.D

Acq: 22 Mar 2016 16:18

Instrument :

BNA_M

ClientSampleId :

SBLK37

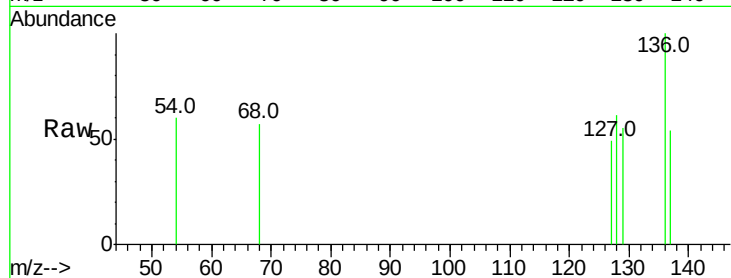
Tot Ion:128 Resp: 14

Ion Ratio Lower Upper

128 100

129 90.0 9.0 13.6#

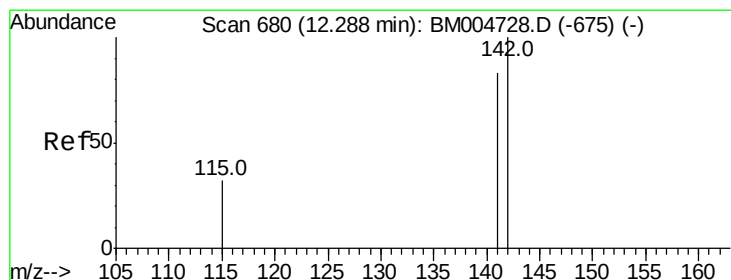
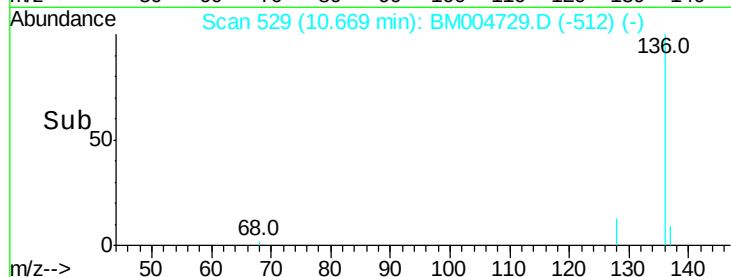
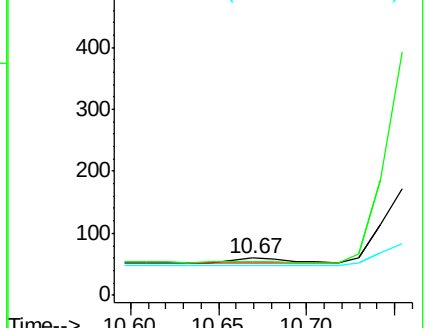
127 81.7 9.6 14.4#



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: 12.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM004729.D

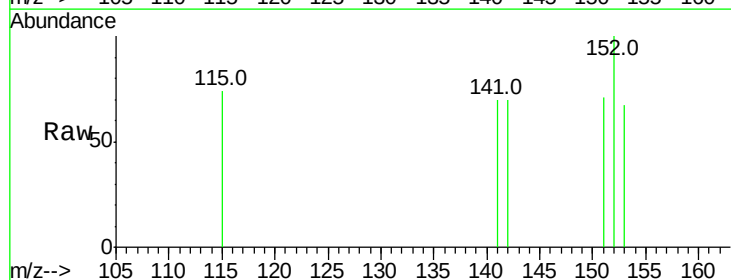
Acq: 22 Mar 2016 16:18

Tgt Ion:142 Resp: 9

Ion Ratio Lower Upper

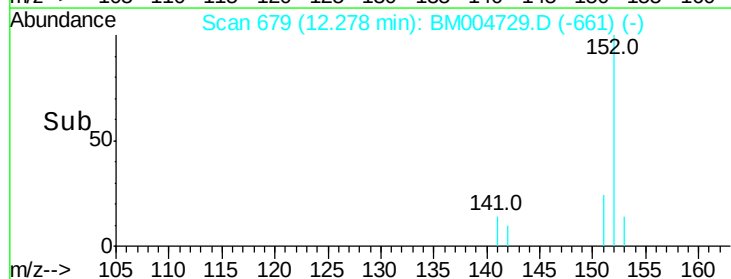
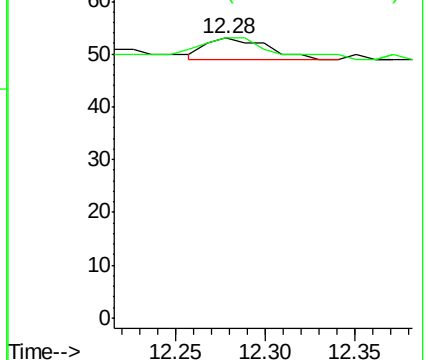
142 100

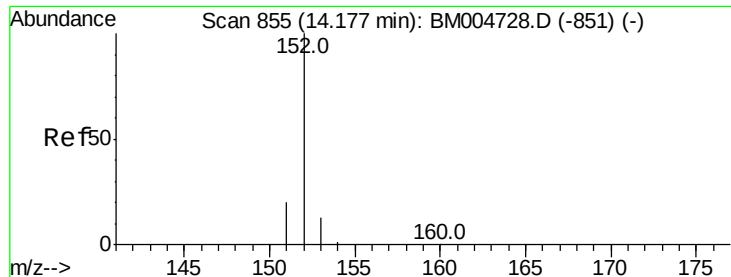
141 133.3 70.3 105.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.14 min Scan# 853

Delta R.T. -0.03 min

Lab File: BM004729.D

Acq: 22 Mar 2016 16:18

Instrument :

BNA_M

ClientSampleId :

SBLK37

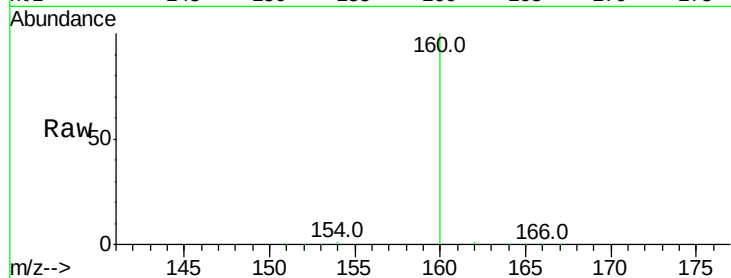
Tot Ion:152 Resp: 36

Ion Ratio Lower Upper

152 100

151 81.0 17.6 26.4#

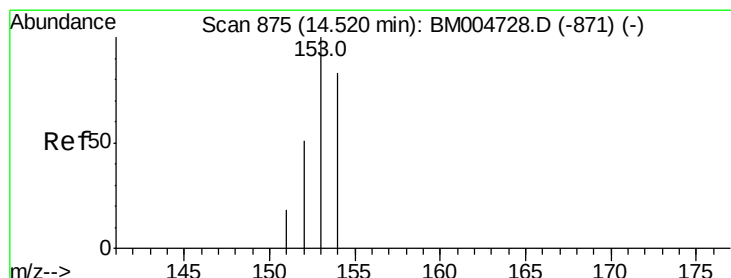
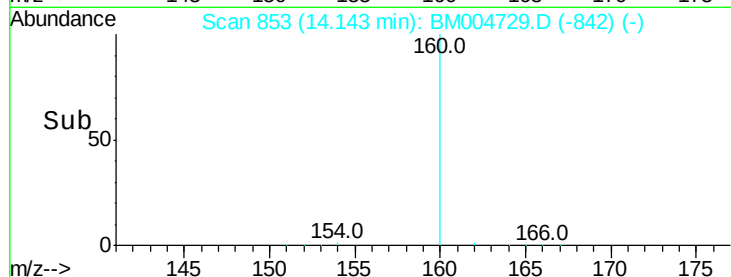
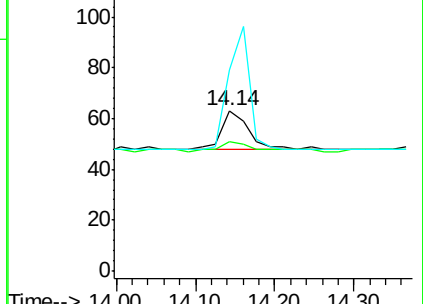
153 125.4 9.7 14.5#



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: 14.50 min Scan# 874

Delta R.T. -0.02 min

Lab File: BM004729.D

Acq: 22 Mar 2016 16:18

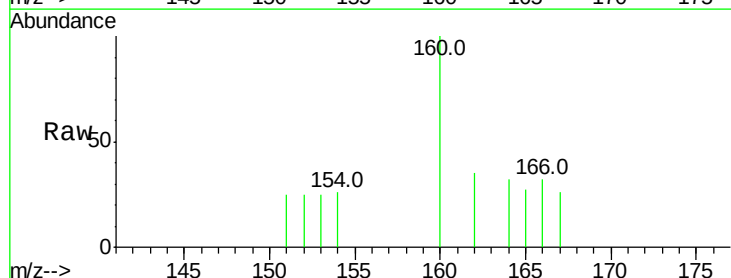
Tgt Ion:153 Resp: 2

Ion Ratio Lower Upper

153 100

152 100.0 33.9 50.9#

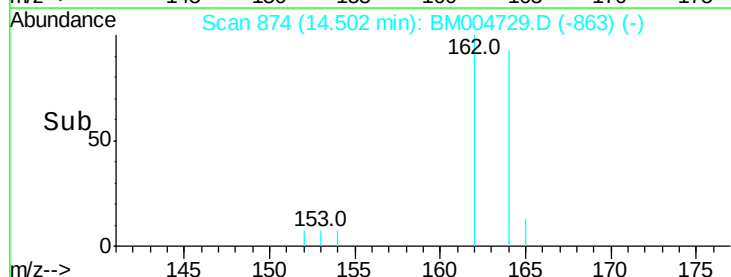
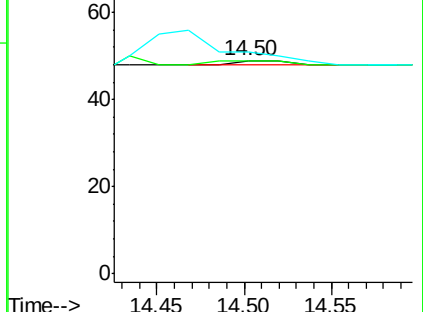
154 104.1 80.6 121.0

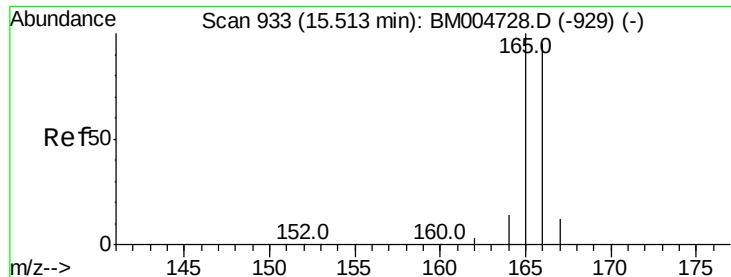


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#11

Fluorene

Concen: 0.08 ng/ul

RT: 15.46 min Scan# 930

Delta R.T. -0.05 min

Lab File: BM004729.D

Acq: 22 Mar 2016 16:18

Instrument :

BNA_M

ClientSampleId :

SBLK37

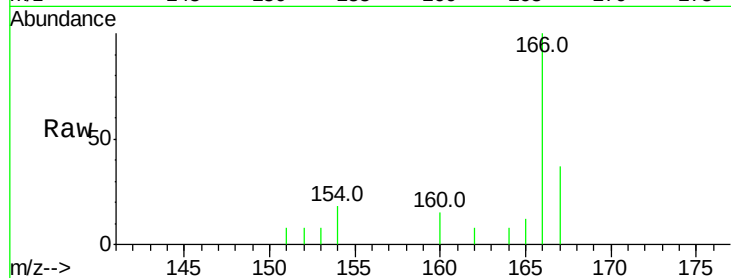
Tot Ion:166 Resp: 868

Ion Ratio Lower Upper

166 100

165 11.9 69.6 104.4#

167 36.8 11.9 17.9#



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

15.46

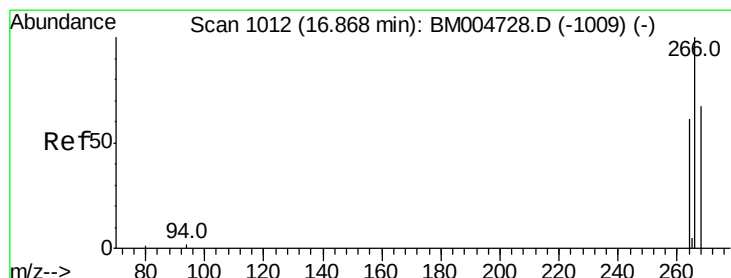
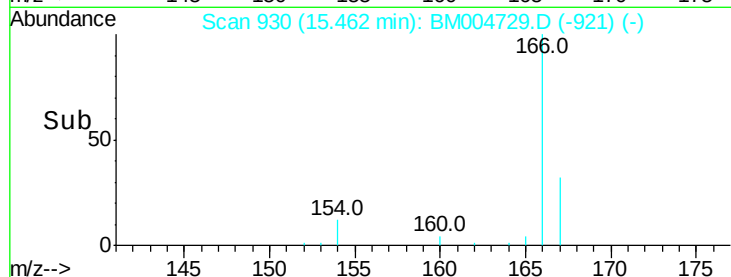
600

400

200

0

Time--> 15.30 15.40 15.50 15.60



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.87 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BM004729.D

Acq: 22 Mar 2016 16:18

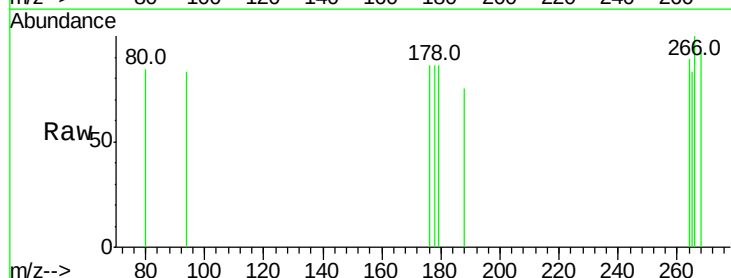
Tgt Ion:266 Resp: 34

Ion Ratio Lower Upper

266 100

264 76.5 51.8 77.8

268 100.0 46.8 70.2#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

16.87

80

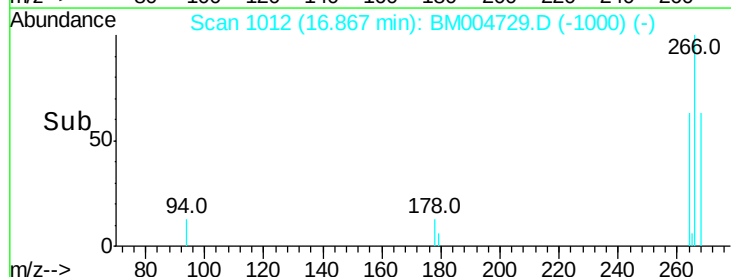
60

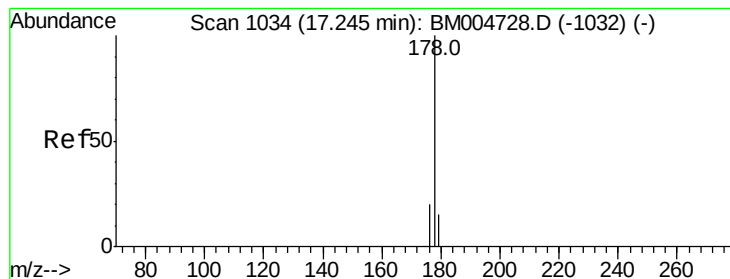
40

20

0

Time--> 16.80 17.00





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.05 min

Lab File: BM004729.D

Acq: 22 Mar 2016 16:18

Instrument :

BNA_M

ClientSampleId :

SBLK37

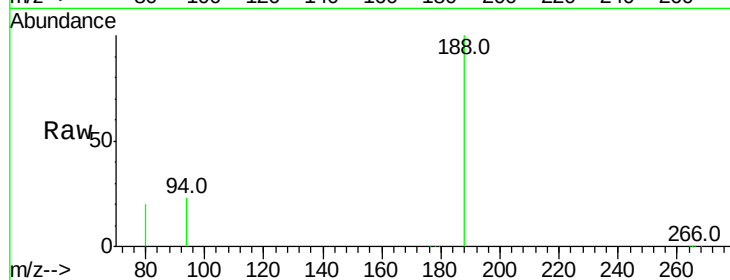
Tot Ion:178 Resp: 273

Ion Ratio Lower Upper

178 100

176 38.6 13.0 19.4#

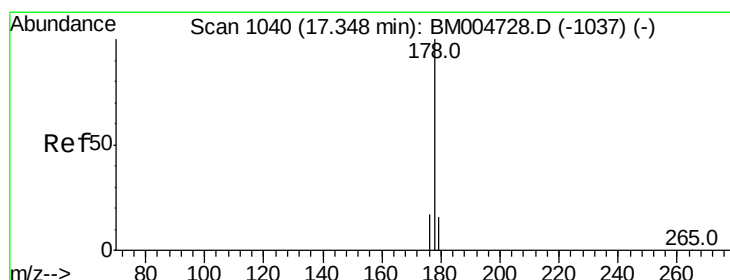
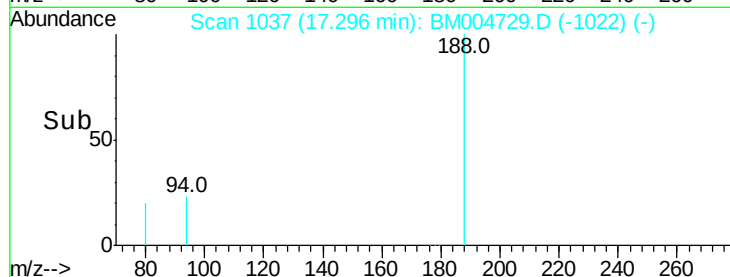
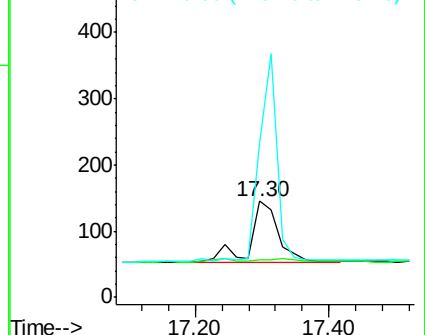
179 160.7 14.2 21.2#



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. -0.05 min

Lab File: BM004729.D

Acq: 22 Mar 2016 16:18

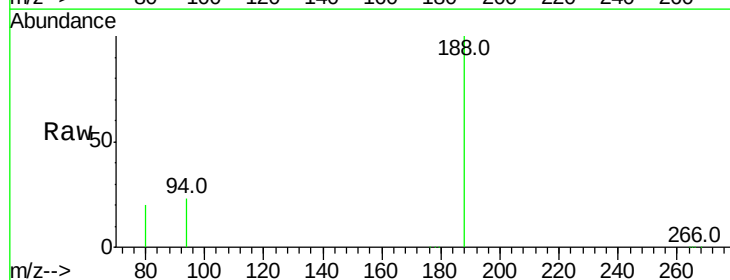
Tgt Ion:178 Resp: 216

Ion Ratio Lower Upper

178 100

176 38.6 14.0 21.0#

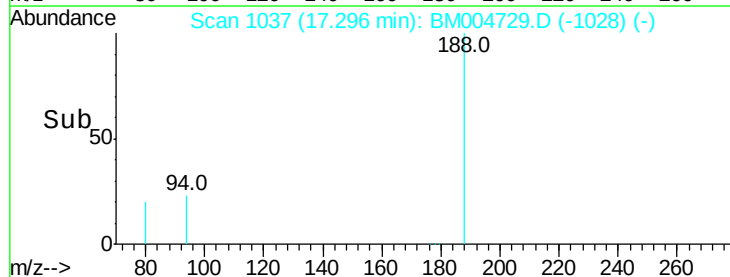
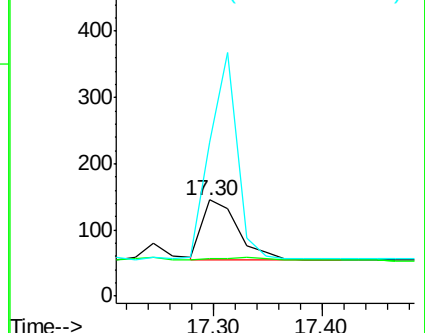
179 160.7 12.9 19.3#

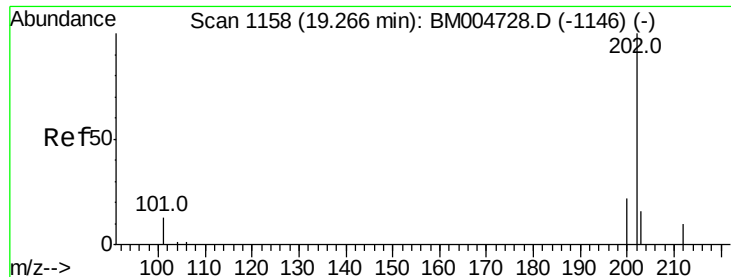


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

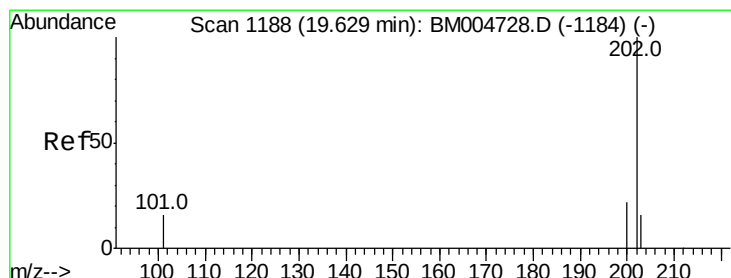
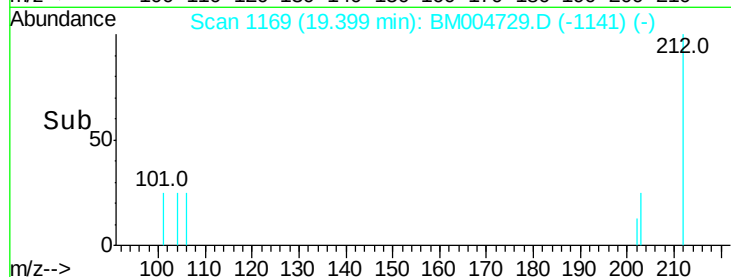
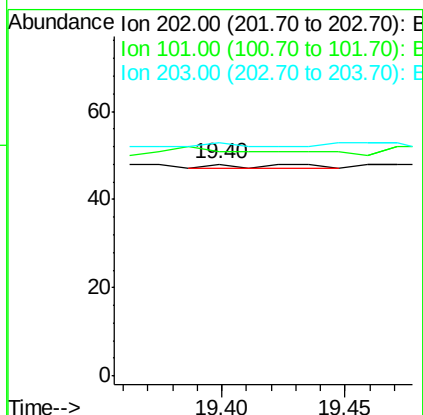
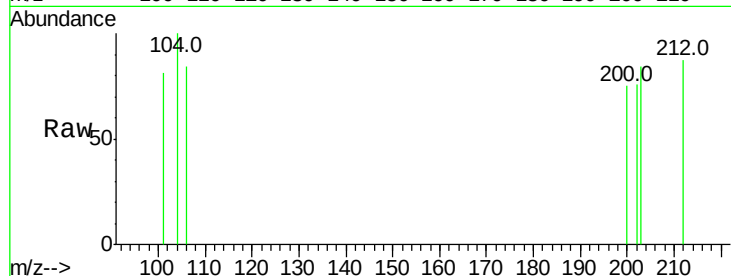




#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.40 min Scan# 1169
Delta R.T. 0.13 min
Lab File: BM004729.D
Acq: 22 Mar 2016 16:18

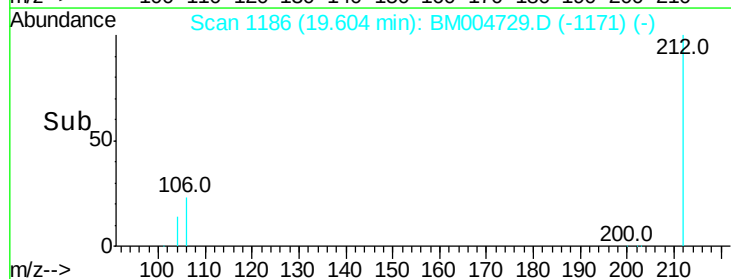
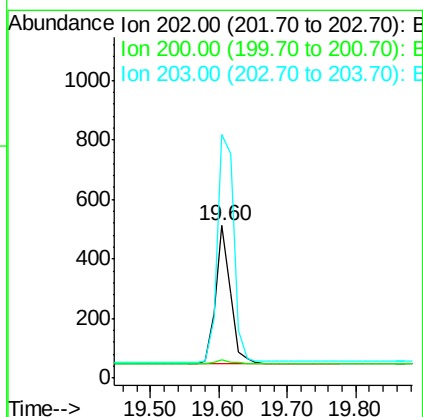
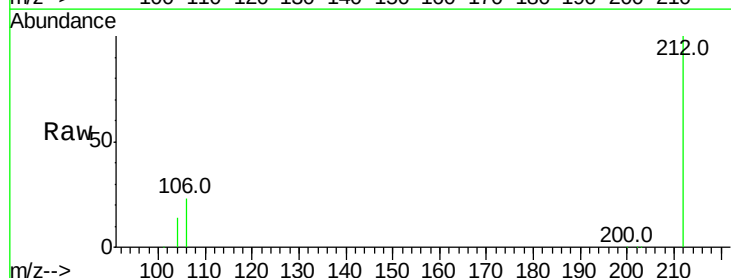
Instrument :
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SBLK37

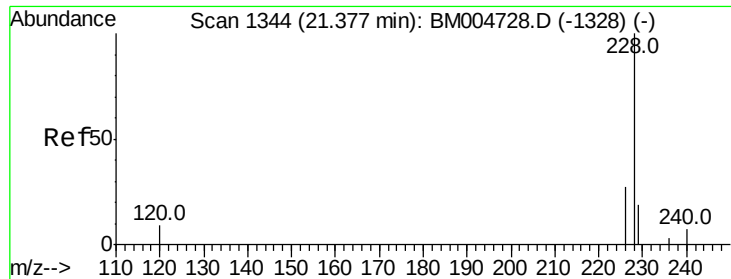
Tot Ion:202 Resp: 2
Ion Ratio Lower Upper
202 100
101 106.3 0.0 29.6#
203 110.4 0.0 36.3#



#19
Pyrene
Concen: 0.05 ng/ul
RT: 19.60 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BM004729.D
Acq: 22 Mar 2016 16:18

Tgt Ion:202 Resp: 685
Ion Ratio Lower Upper
202 100
200 11.7 17.8 26.8#
203 159.8 12.8 19.2#





#20

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.39 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BM004729.D

Acq: 22 Mar 2016 16:18

Instrument :

BNA_M

ClientSampleId :

SBLK37

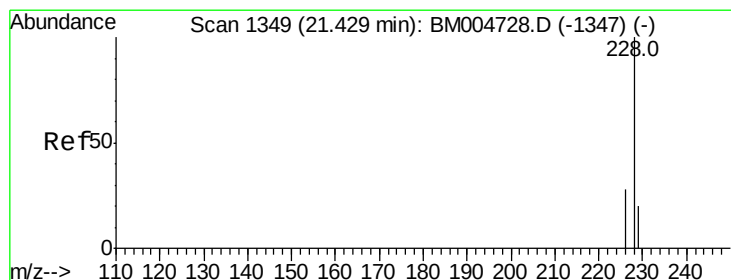
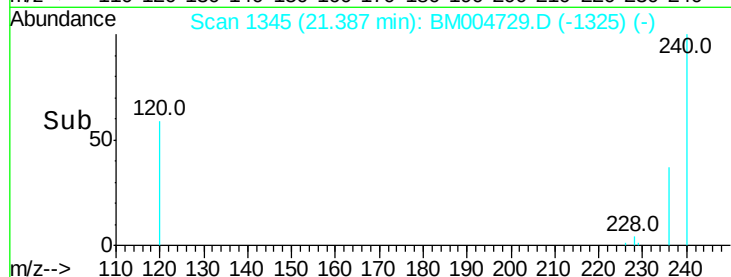
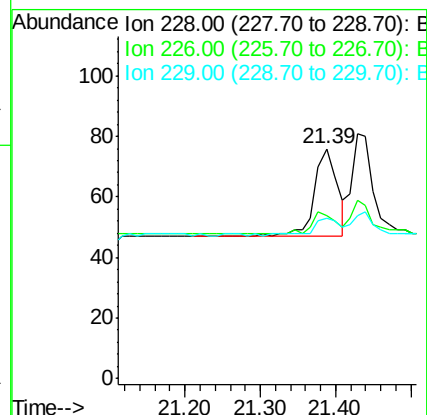
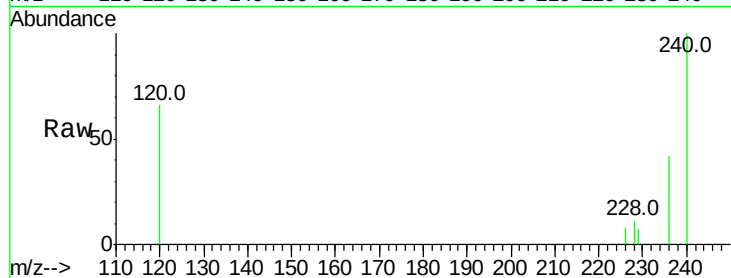
Tot Ion:228 Resp: 61

Ion Ratio Lower Upper

228 100

226 71.1 18.8 28.2#

229 69.7 17.1 25.7#



#21

Chrysene

Concen: 0.01 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BM004729.D

Acq: 22 Mar 2016 16:18

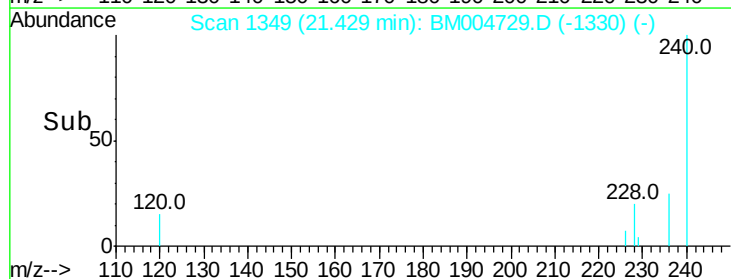
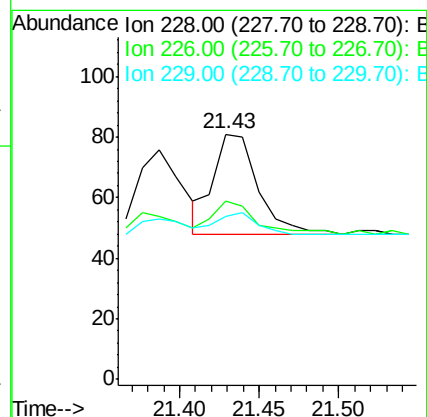
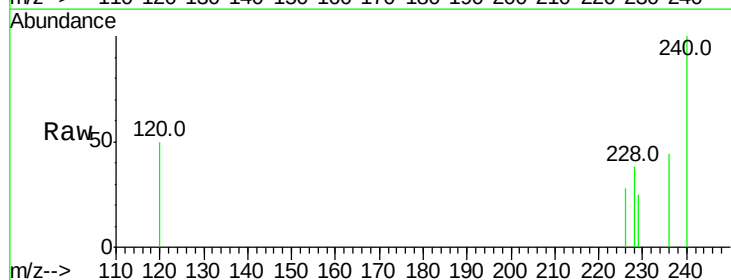
Tgt Ion:228 Resp: 64

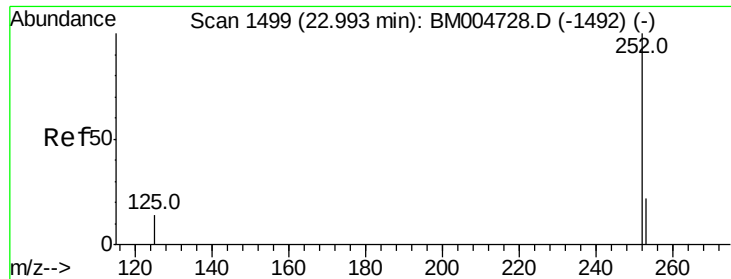
Ion Ratio Lower Upper

228 100

226 72.8 21.2 31.8#

229 66.7 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.93 min Scan# 1493

Delta R.T. -0.06 min

Lab File: BM004729.D

Acq: 22 Mar 2016 16:18

Instrument :

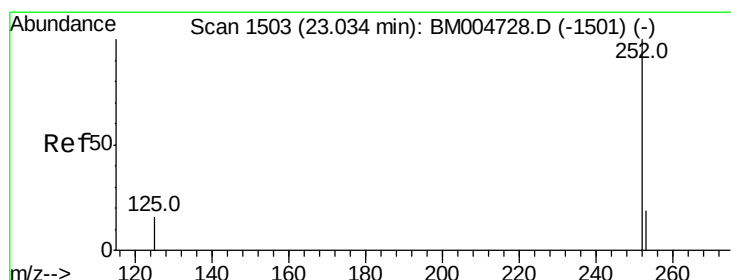
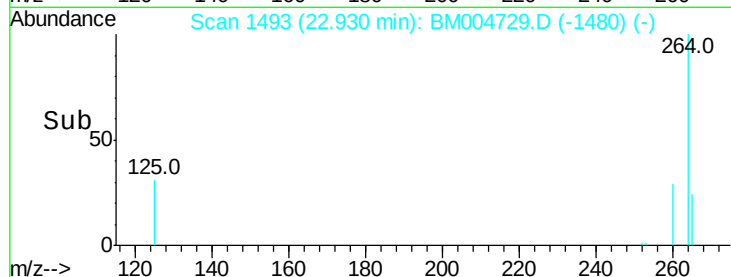
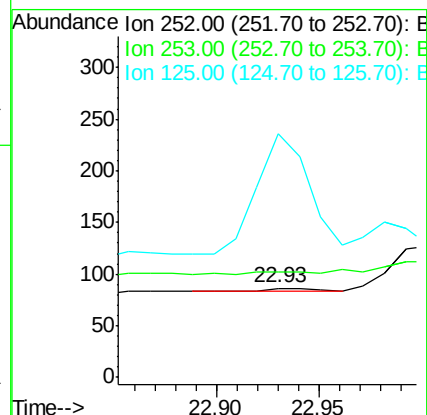
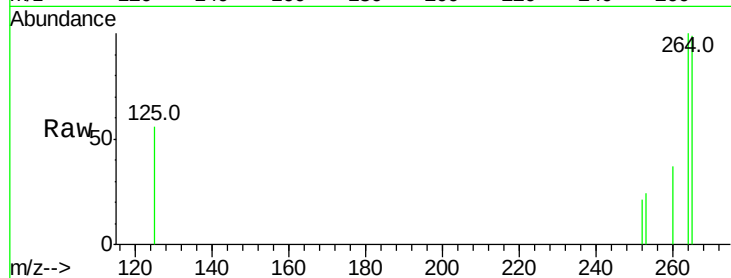
BNA_M

ClientSampleId :

SBLK37

Tot Ion:252 Resp: 6

Ion	Ratio	Lower	Upper
252	100		
253	118.6	0.0	45.4#
125	274.4	0.0	28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.93 min Scan# 1493

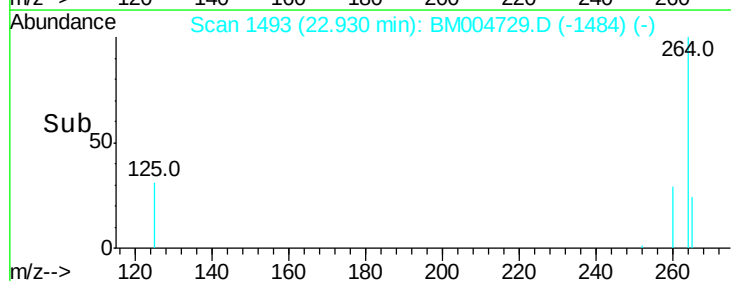
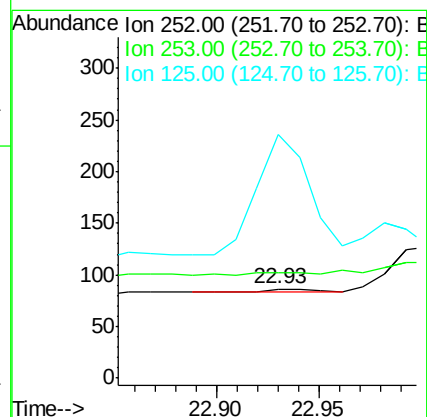
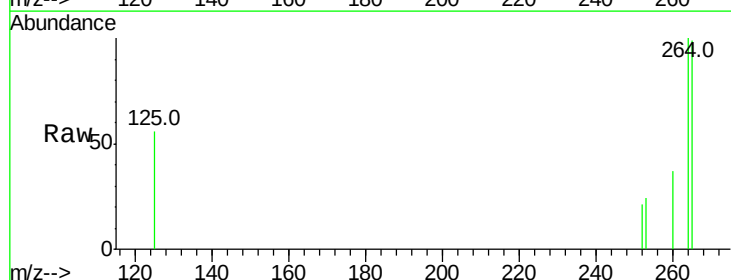
Delta R.T. -0.10 min

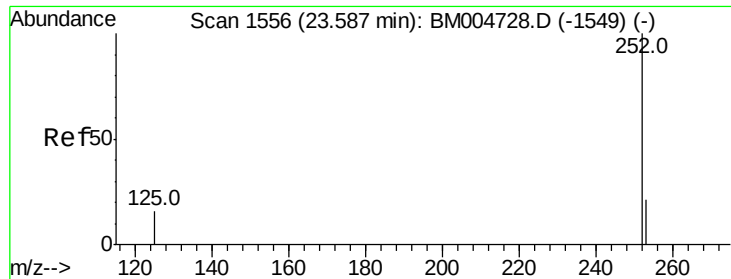
Lab File: BM004729.D

Acq: 22 Mar 2016 16:18

Tgt Ion:252 Resp: 6

Ion	Ratio	Lower	Upper
252	100		
253	118.6	19.8	29.8#
125	274.4	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.55 min Scan# 1552

Delta R.T. -0.04 min

Lab File: BM004729.D

Acq: 22 Mar 2016 16:18

Instrument :

BNA_M

ClientSampleId :

SBLK37

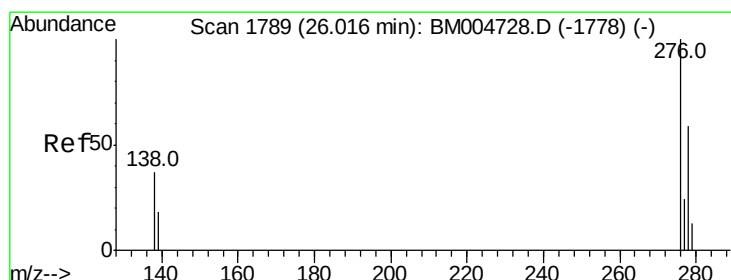
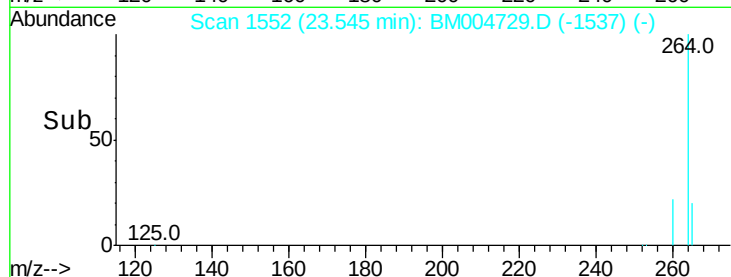
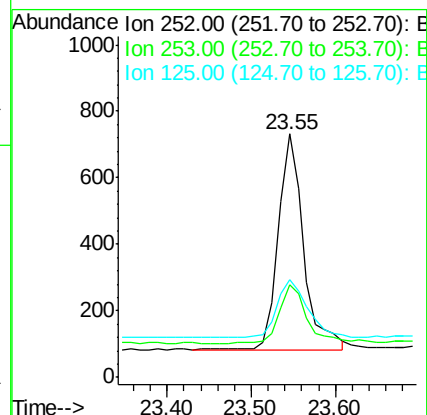
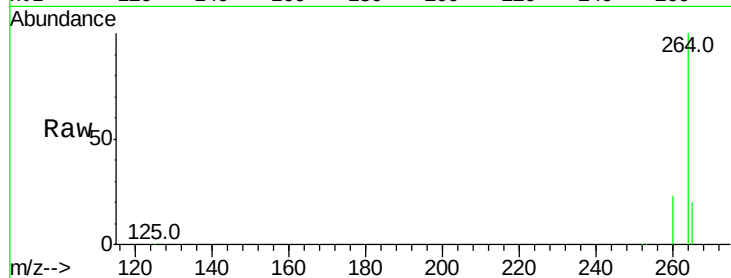
Tot Ion:252 Resp: 1370

Ion Ratio Lower Upper

252 100

253 38.3 19.4 29.2#

125 40.2 12.7 19.1#



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.86 min Scan# 1774

Delta R.T. -0.16 min

Lab File: BM004729.D

Acq: 22 Mar 2016 16:18

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#

