

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032216\
 Data File : BM004731.D
 Acq On : 22 Mar 2016 17:30
 Operator : UM/SJ
 Sample : PB89059BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK59

Quant Time: Mar 23 04:12:39 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	1351	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5627	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2987	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	431053	5.00	ng/ul	0.10
18) Chrysene-d12	21.40	240	3587	5.00	ng/ul	0.00
22) Perylene-d12	23.55	264	353831	5.00	ng/ul	-0.15

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	9247	14.12	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	2593	0.40	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	4144	0.00	ng/ul	0.00

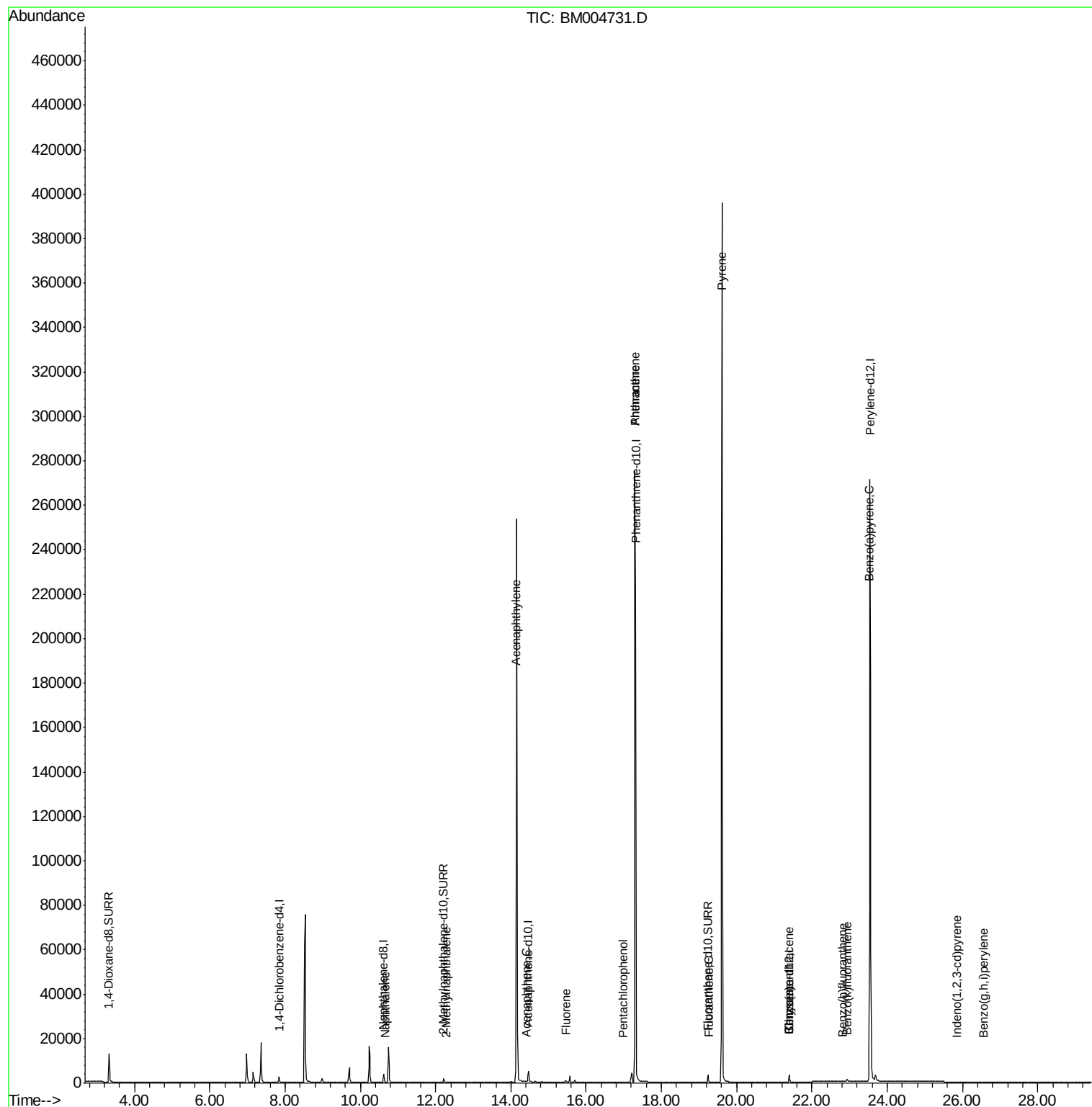
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	22	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.28	142	5	0.00	ng/ul#	65
9) Acenaphthylene	14.14	152	27	0.00	ng/ul#	1
10) Acenaphthene	14.40	153	11	0.00	ng/ul#	72
11) Fluorene	15.46	166	821	0.08	ng/ul#	23
13) Pentachlorophenol	16.99	266	4	0.00	ng/ul#	85
14) Phenanthrene	17.30	178	224	0.00	ng/ul#	1
15) Anthracene	17.30	178	192	0.00	ng/ul#	1
17) Fluoranthene	19.27	202	12	0.00	ng/ul#	1
19) Pyrene	19.60	202	688	0.05	ng/ul#	1
20) Benzo(a)anthracene	21.39	228	36	0.00	ng/ul#	1
21) Chrysene	21.39	228	36	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.80	252	4	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.93	252	14	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.53	252	1392	0.00	ng/ul#	61
26) Indeno(1,2,3-cd)pyrene	25.85	276	1	0.00	ng/ul#	53
28) Benzo(g,h,i)perylene	26.55	276	1	0.00	ng/ul#	1

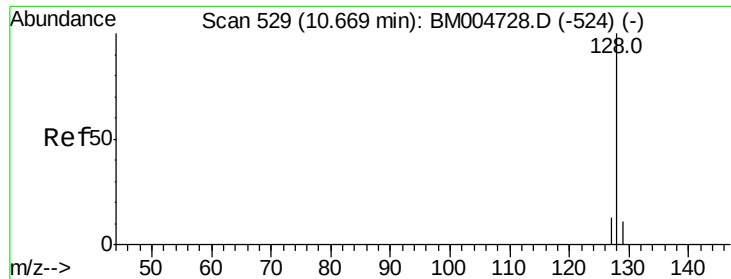
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032216\
Data File : BM004731.D
Acq On : 22 Mar 2016 17:30
Operator : UM/SJ
Sample : PB89059BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SBLK59

Quant Time: Mar 23 04:12:39 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





#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004731.D

Acq: 22 Mar 2016 17:30

Instrument :

BNA_M

ClientSampleId :

SBLK59

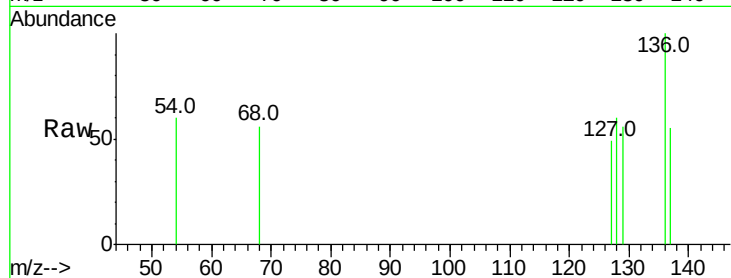
Tot Ion:128 Resp: 22

Ion Ratio Lower Upper

128 100

129 93.2 9.0 13.6#

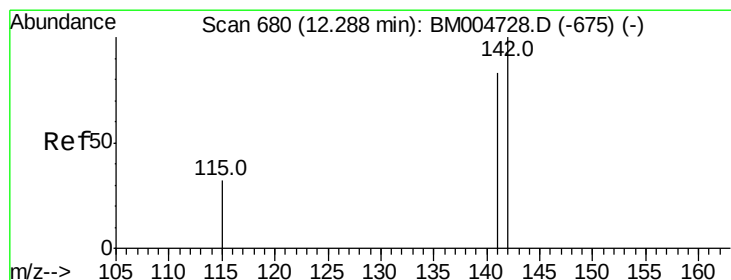
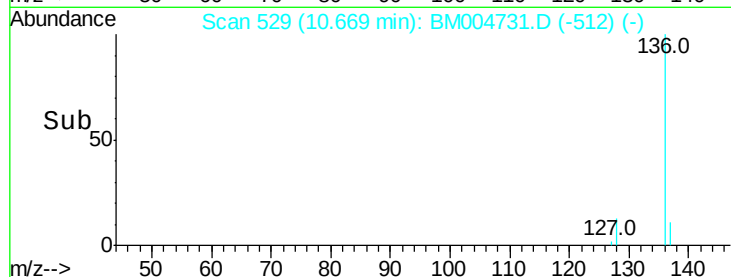
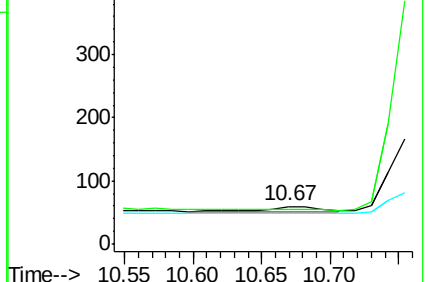
127 83.1 9.6 14.4#



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: BM004731.D

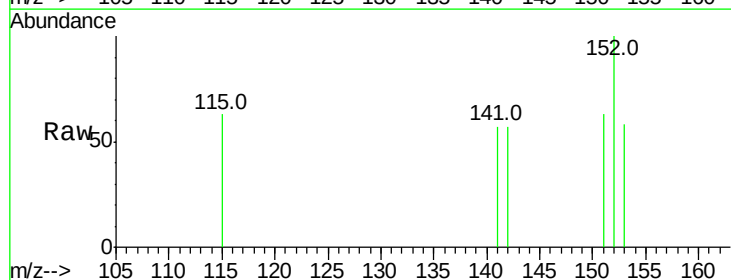
Acq: 22 Mar 2016 17:30

Tgt Ion:142 Resp: 5

Ion Ratio Lower Upper

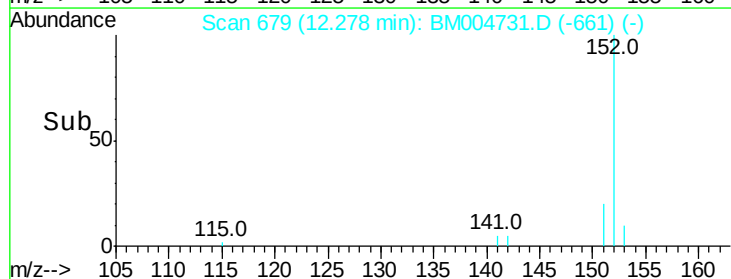
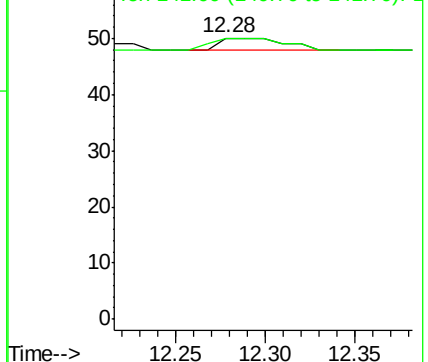
142 100

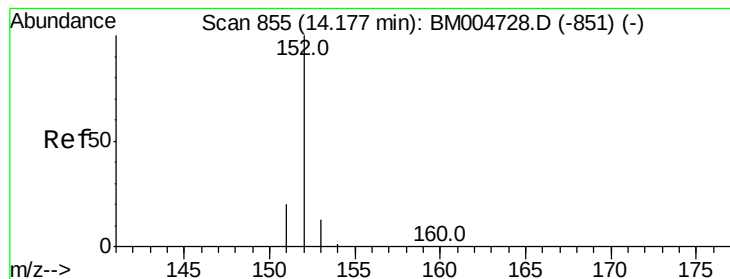
141 120.0 70.3 105.5#



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: BM004731.D

Acq: 22 Mar 2016 17:30

Instrument :

BNA_M

ClientSampleId :

SBLK59

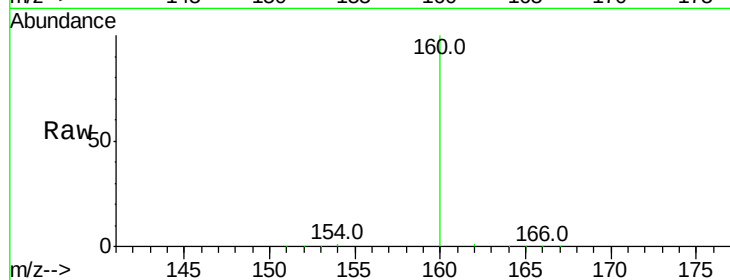
Tot Ion:152 Resp: 27

Ion Ratio Lower Upper

152 100

151 82.0 17.6 26.4#

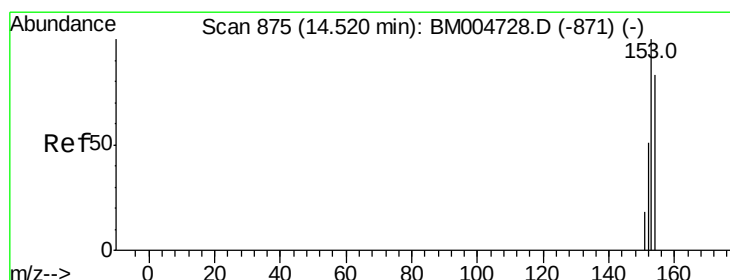
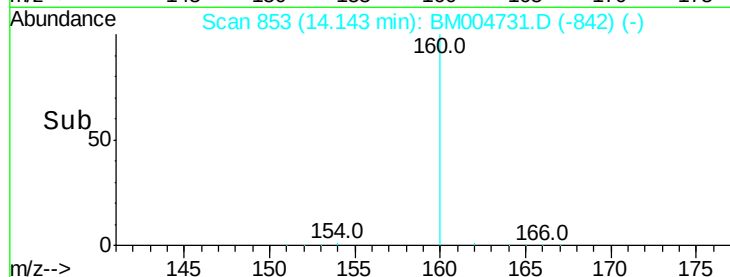
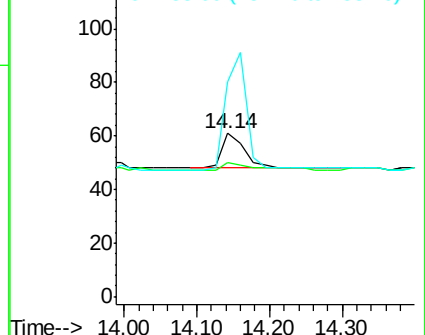
153 131.1 9.7 14.5#



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: 14.40 min Scan# 868

Delta R.T. -0.12 min

Lab File: BM004731.D

Acq: 22 Mar 2016 17:30

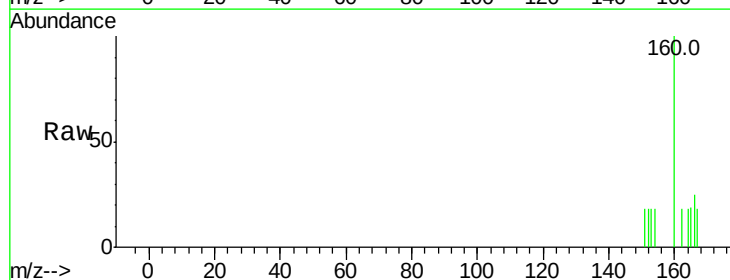
Tgt Ion:153 Resp: 11

Ion Ratio Lower Upper

153 100

152 100.0 33.9 50.9#

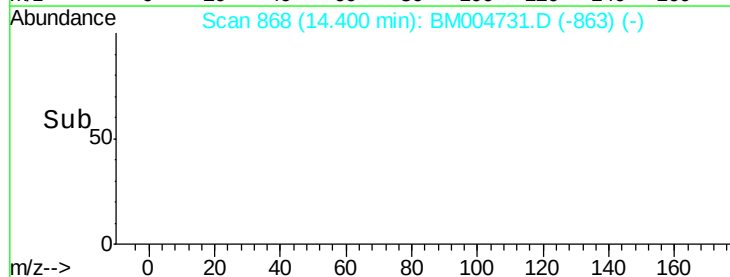
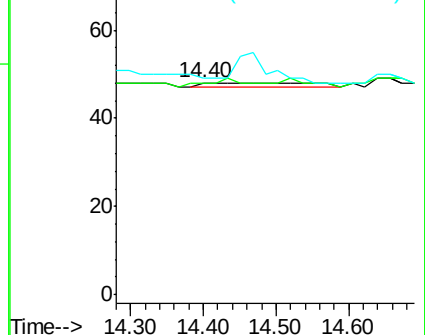
154 102.1 80.6 121.0

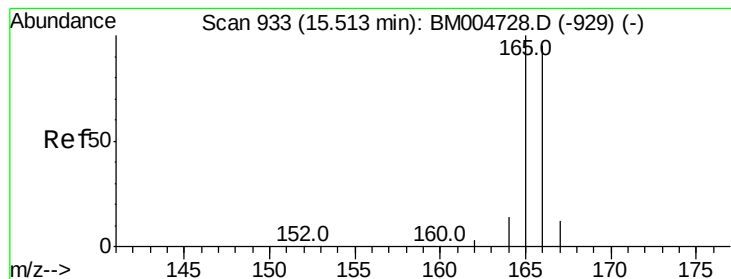


Abundance Ion 153.00 (152.70 to 153.70): E

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: BM004731.D

Acq: 22 Mar 2016 17:30

Instrument :

BNA_M

ClientSampleId :

SBLK59

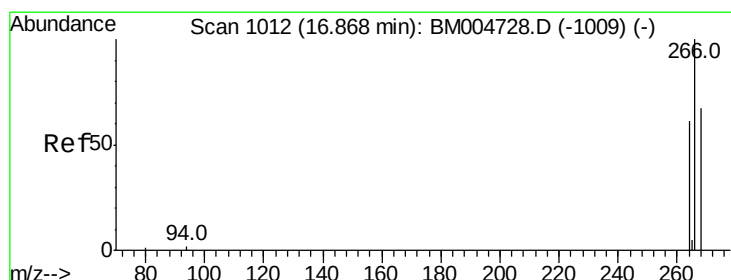
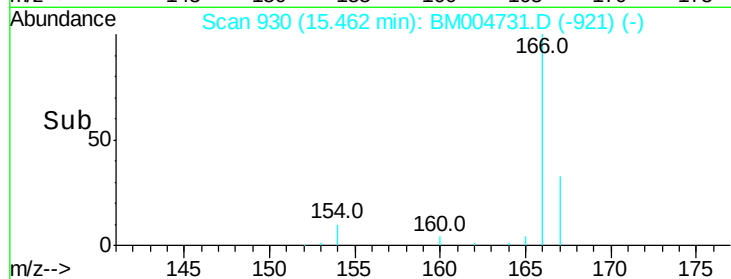
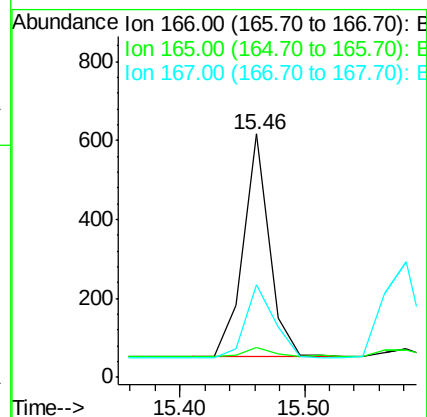
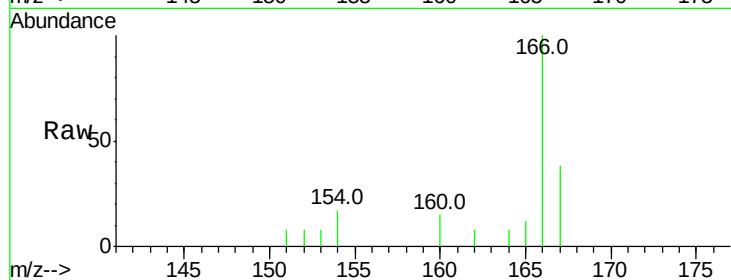
Tot Ion:166 Resp: 821

Ion Ratio Lower Upper

166 100

165 12.0 69.6 104.4#

167 37.9 11.9 17.9#



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.99 min Scan# 1019

Delta R.T. 0.12 min

Lab File: BM004731.D

Acq: 22 Mar 2016 17:30

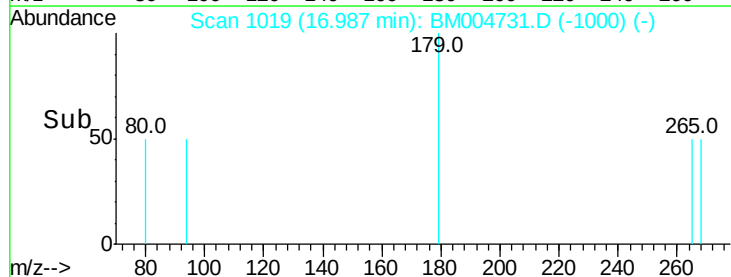
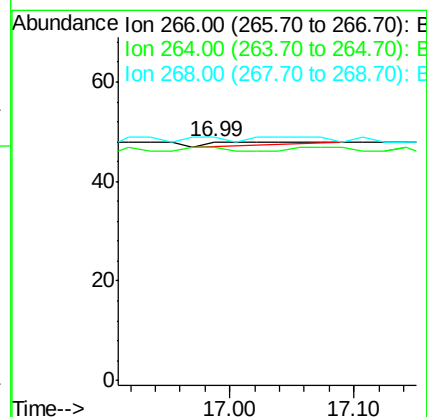
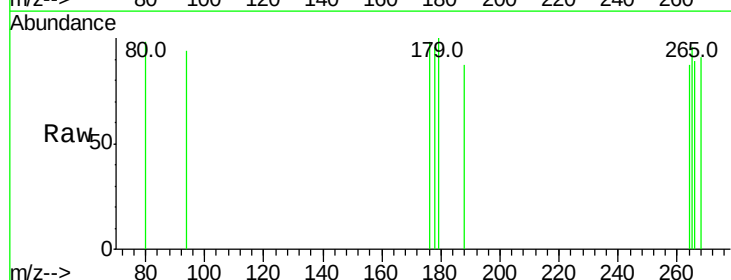
Tgt Ion:266 Resp: 4

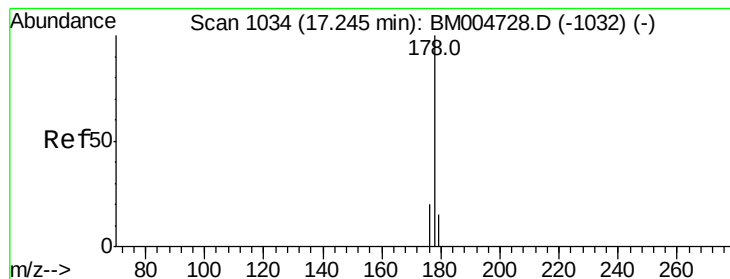
Ion Ratio Lower Upper

266 100

264 50.0 51.8 77.8#

268 50.0 46.8 70.2





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.05 min

Lab File: BM004731.D

Acq: 22 Mar 2016 17:30

Instrument :

BNA_M

ClientSampleId :

SBLK59

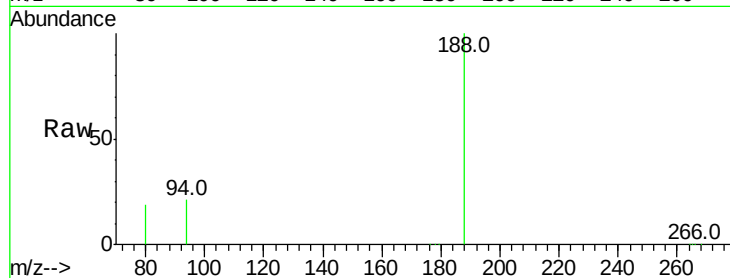
Tot Ion:178 Resp: 224

Ion Ratio Lower Upper

178 100

176 37.6 13.0 19.4#

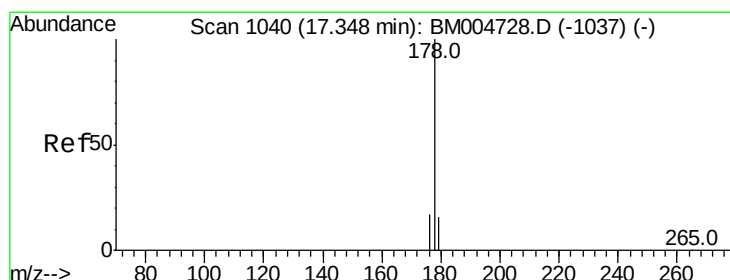
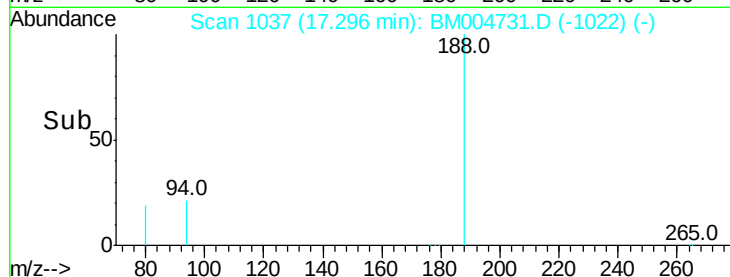
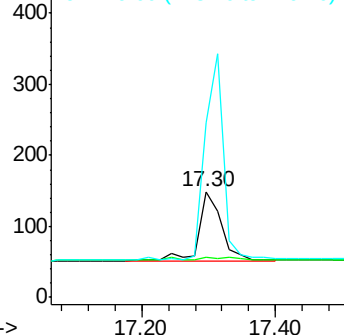
179 164.4 14.2 21.2#



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: BM004731.D

Acq: 22 Mar 2016 17:30

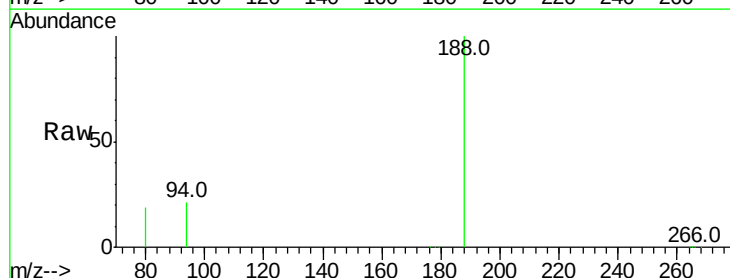
Tgt Ion:178 Resp: 192

Ion Ratio Lower Upper

178 100

176 37.6 14.0 21.0#

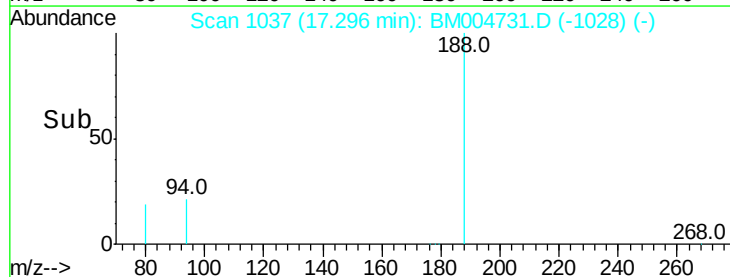
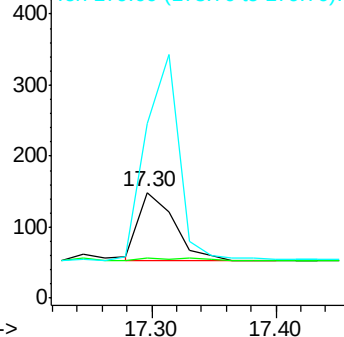
179 164.4 12.9 19.3#

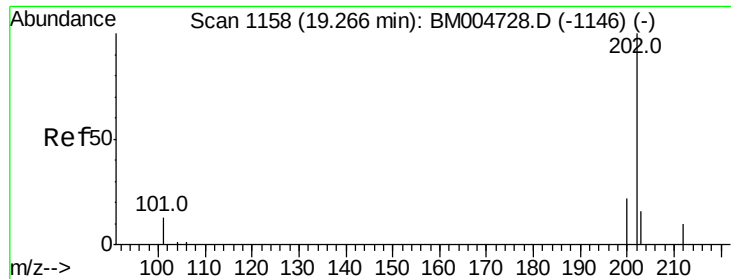


Abundance Ion 178.00 (177.70 to 178.70): E

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. -0.00 min

Lab File: BM004731.D

Acq: 22 Mar 2016 17:30

Instrument :

BNA_M

ClientSampleId :

SBLK59

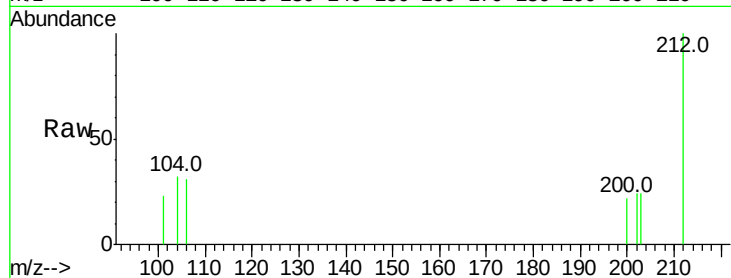
Tot Ion:202 Resp: 12

Ion Ratio Lower Upper

202 100

101 98.1 0.0 29.6#

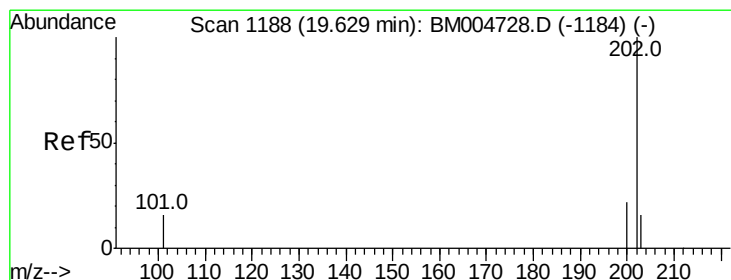
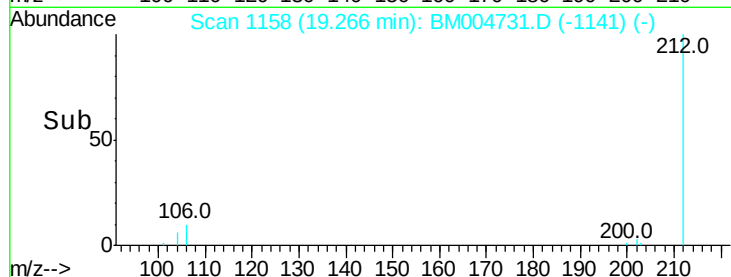
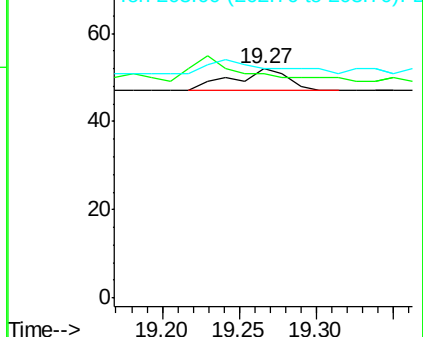
203 100.0 0.0 36.3#



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: 0.05 ng/ul

RT: 19.60 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BM004731.D

Acq: 22 Mar 2016 17:30

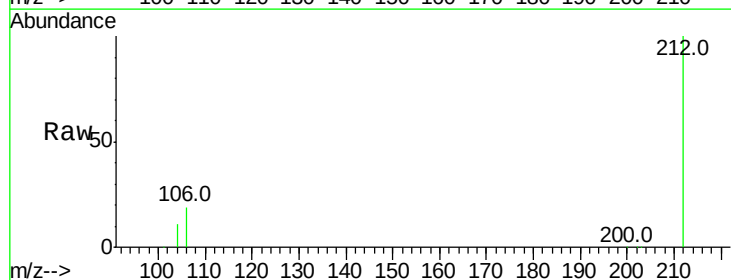
Tgt Ion:202 Resp: 688

Ion Ratio Lower Upper

202 100

200 11.6 17.8 26.8#

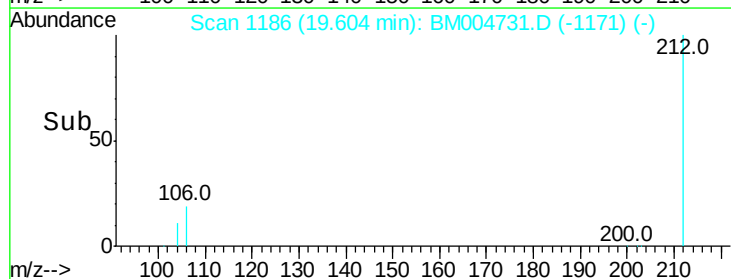
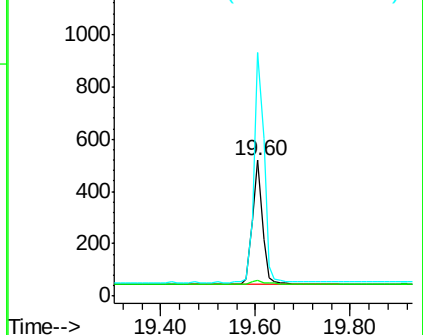
203 179.7 12.8 19.2#

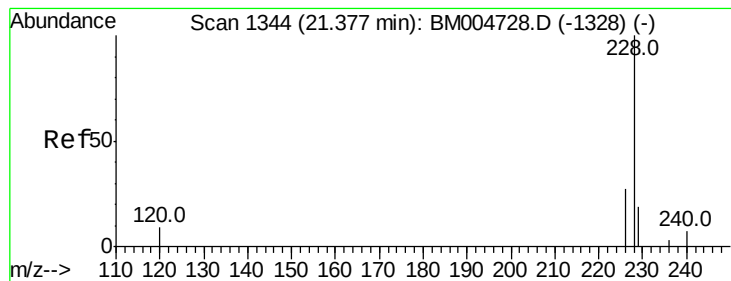


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.39 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BM004731.D

Acq: 22 Mar 2016 17:30

Instrument :

BNA_M

ClientSampleId :

SBLK59

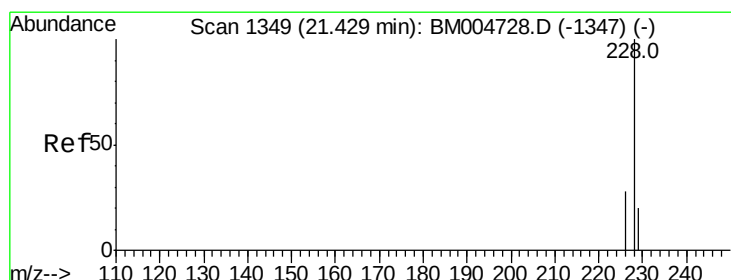
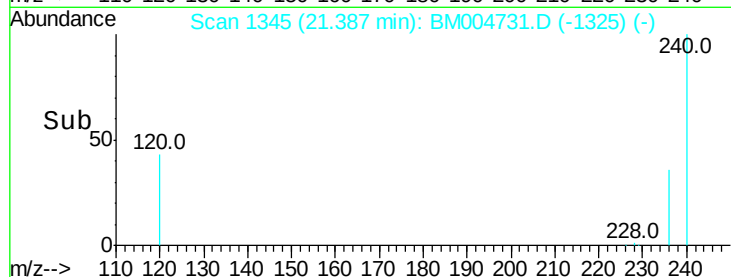
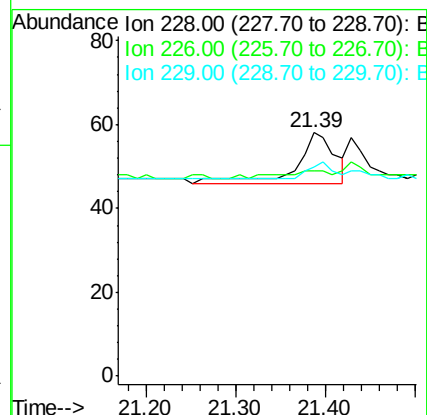
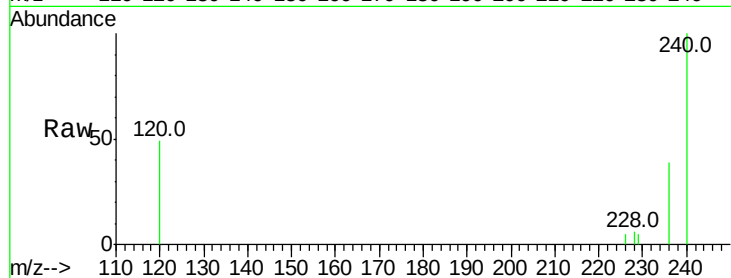
Tot Ion:228 Resp: 36

Ion Ratio Lower Upper

228 100

226 84.5 18.8 28.2#

229 86.2 17.1 25.7#



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.39 min Scan# 1345

Delta R.T. -0.04 min

Lab File: BM004731.D

Acq: 22 Mar 2016 17:30

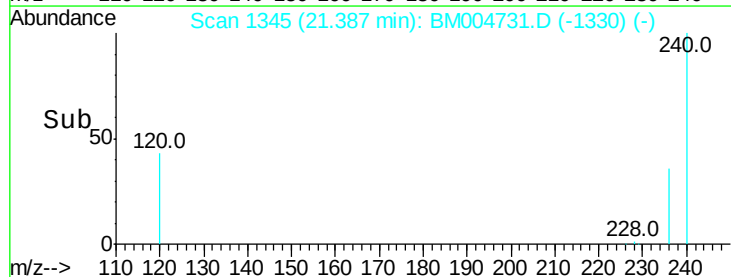
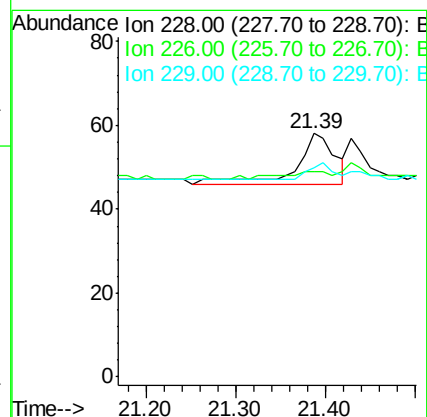
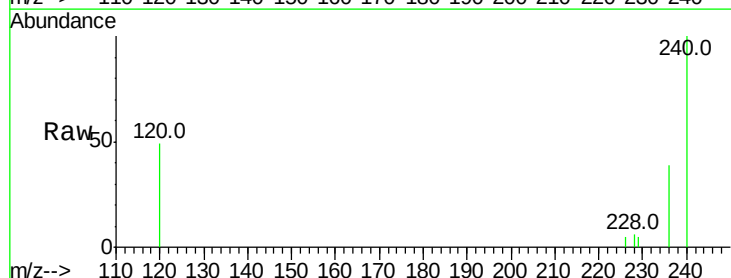
Tgt Ion:228 Resp: 36

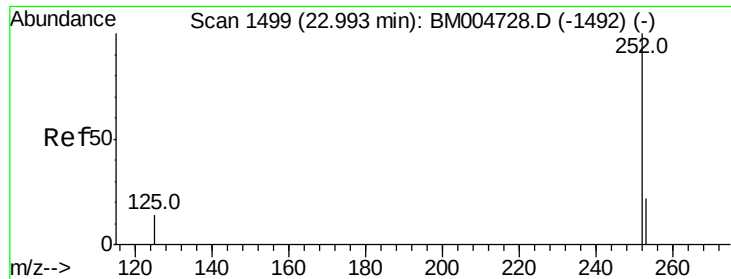
Ion Ratio Lower Upper

228 100

226 84.5 21.2 31.8#

229 86.2 17.0 25.6#





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.80 min Scan# 1481

Delta R.T. -0.19 min

Lab File: BM004731.D

Acq: 22 Mar 2016 17:30

Instrument :

BNA_M

ClientSampleId :

SBLK59

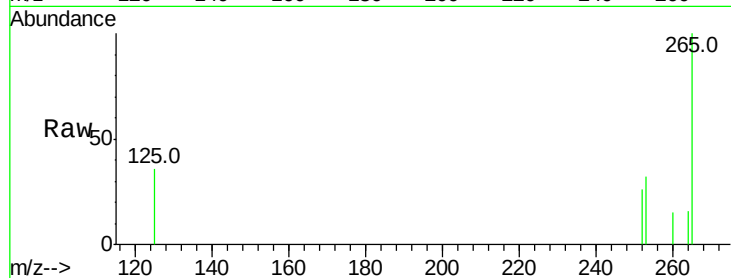
Tot Ion:252 Resp: 4

Ion Ratio Lower Upper

252 100

253 122.9 0.0 45.4#

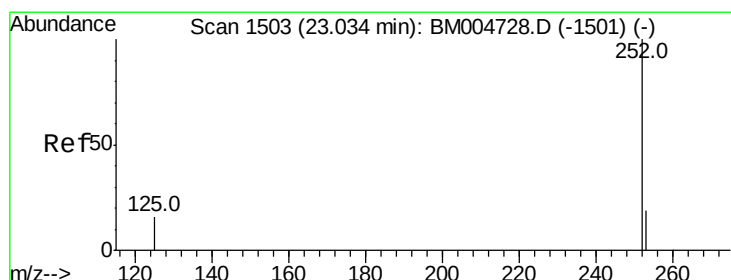
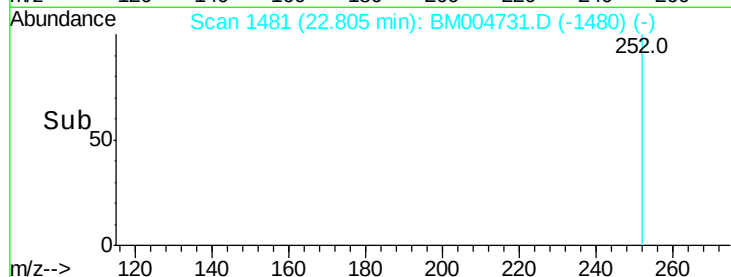
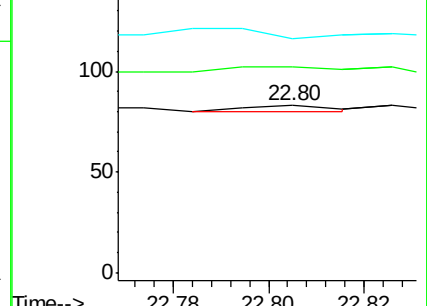
125 139.8 0.0 28.8#



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: 22.93 min Scan# 1493

Delta R.T. -0.10 min

Lab File: BM004731.D

Acq: 22 Mar 2016 17:30

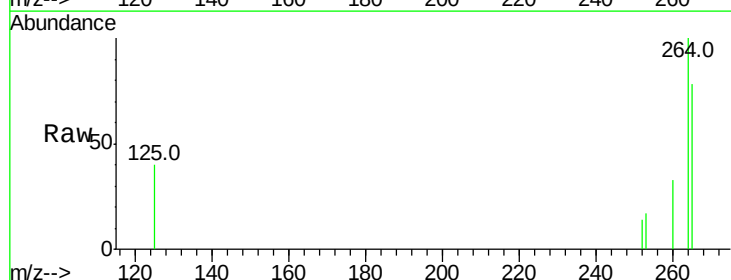
Tgt Ion:252 Resp: 14

Ion Ratio Lower Upper

252 100

253 119.8 19.8 29.8#

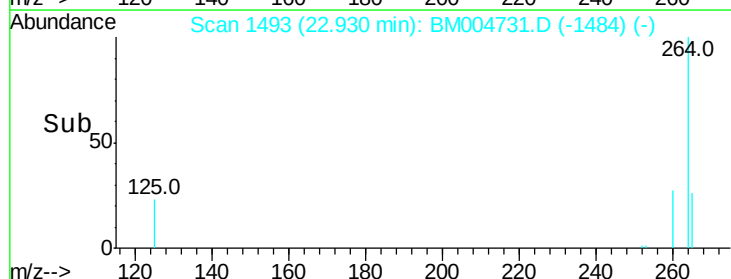
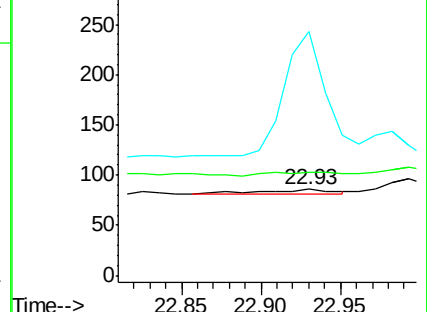
125 282.6 10.4 15.6#

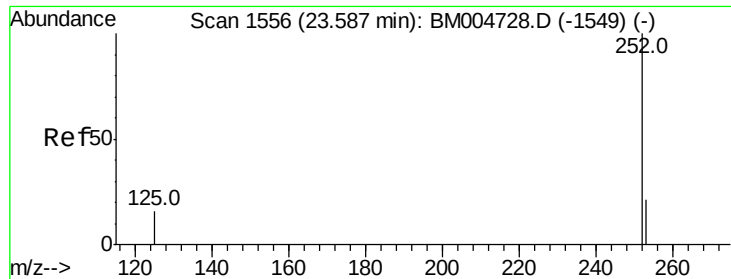


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.53 min Scan# 1551

Delta R.T. -0.05 min

Lab File: BM004731.D

Acq: 22 Mar 2016 17:30

Instrument :

BNA_M

ClientSampleId :

SBLK59

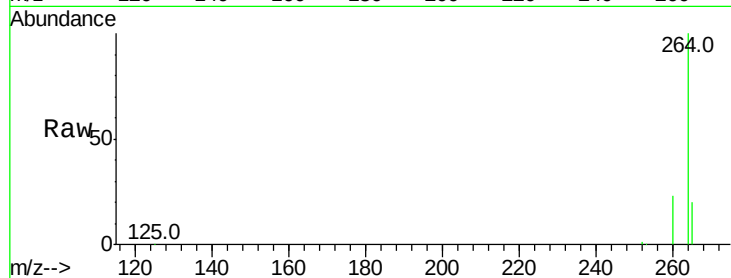
Tot Ion:252 Resp: 1392

Ion Ratio Lower Upper

252 100

253 37.0 19.4 29.2#

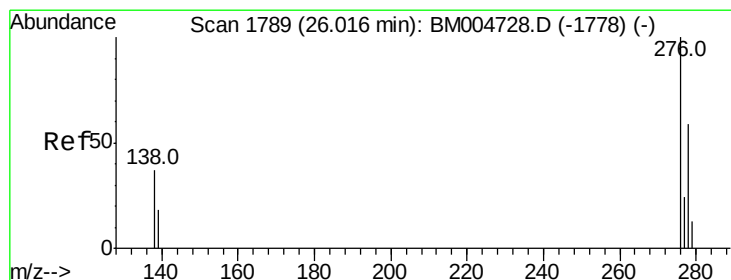
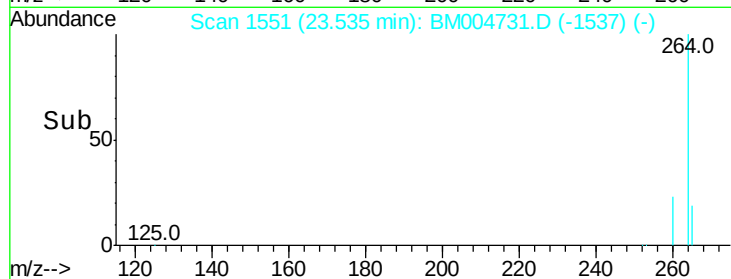
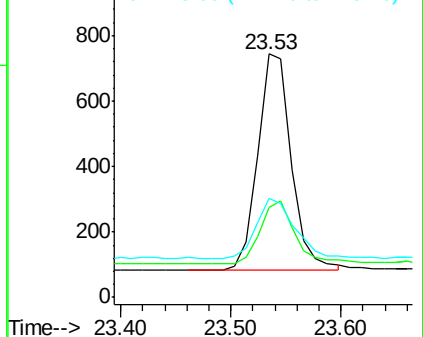
125 40.9 12.7 19.1#



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: 25.85 min Scan# 1773

Delta R.T. -0.17 min

Lab File: BM004731.D

Acq: 22 Mar 2016 17:30

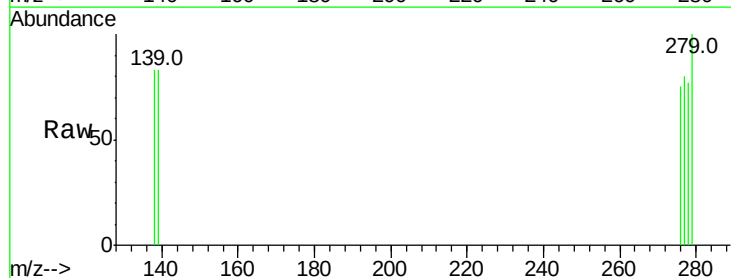
Tgt Ion:276 Resp: 1

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

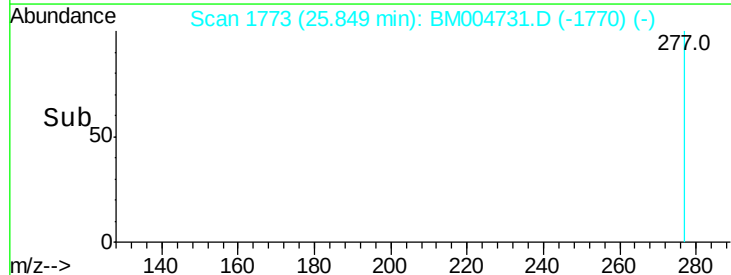
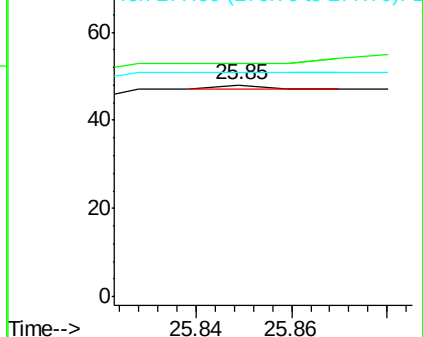
277 0.0 19.8 29.8#

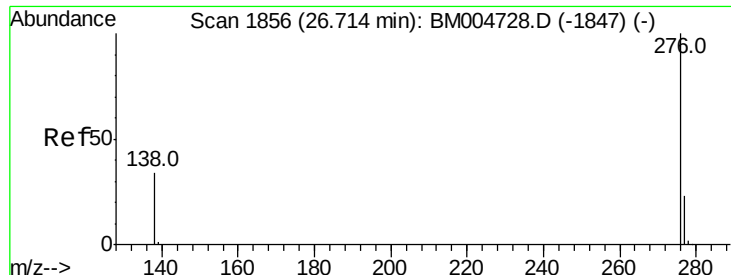


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Benzo(a,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.55 min Scan# 1840

Delta R.T. -0.17 min

Lab File: BM004731.D

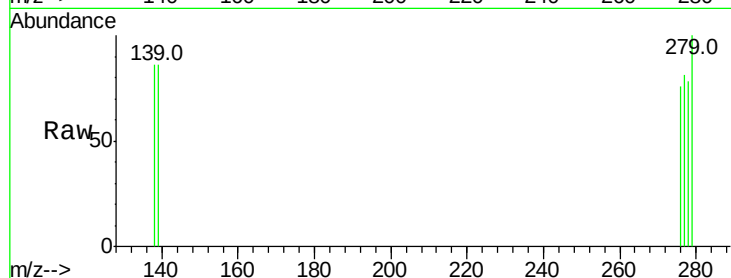
Acq: 22 Mar 2016 17:30

Instrument :

BNA_M

ClientSampleId :

SBLK59



Tot Ion:276 Resp: 1

Ion Ratio Lower Upper

276 100

277 106.3 18.9 28.3#

138 112.5 22.5 33.7#

