

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032216\
 Data File : BM004730.D
 Acq On : 22 Mar 2016 16:54
 Operator : UM/SJ
 Sample : PB89058BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK58

Quant Time: Mar 23 04:12:29 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

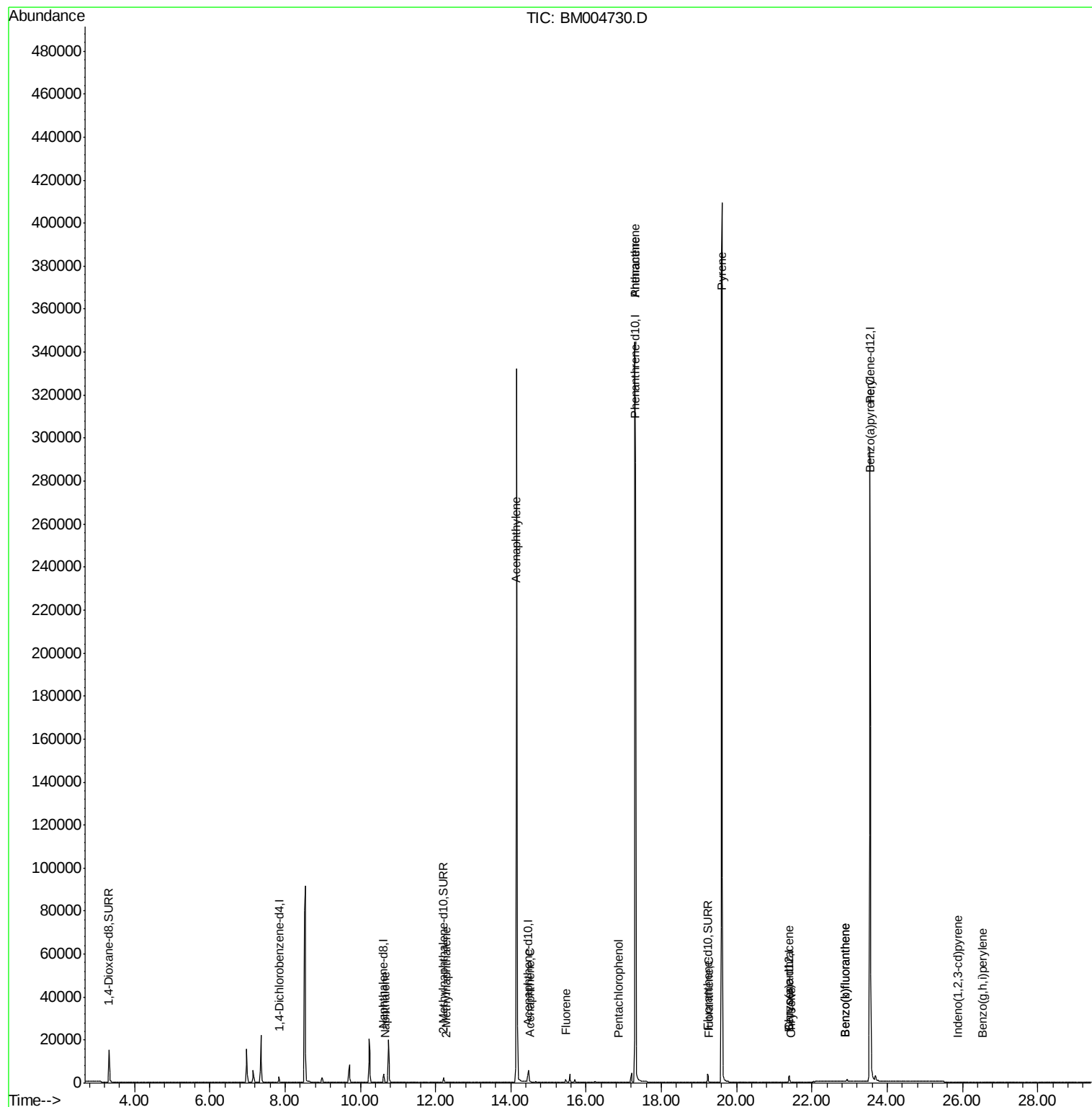
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1421	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	6114	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	3402	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	544726	5.00	ng/ul	0.10
18) Chrysene-d12	21.40	240	3765	5.00	ng/ul	0.00
22) Perylene-d12	23.55	264	394557	5.00	ng/ul	-0.14
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	10809	15.69	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	3258	0.47	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	5194	0.00	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	17	0.00	ng/ul#	1
7) 2-Methylnaphthalene	12.28	142	6	0.00	ng/ul	87
9) Acenaphthylene	14.14	152	37	0.00	ng/ul#	1
10) Acenaphthene	14.52	153	5	0.00	ng/ul#	72
11) Fluorene	15.46	166	1038	0.09	ng/ul#	21
13) Pentachlorophenol	16.87	266	8	0.00	ng/ul#	1
14) Phenanthrene	17.30	178	283	0.00	ng/ul#	1
15) Anthracene	17.30	178	247	0.00	ng/ul#	1
17) Fluoranthene	19.27	202	17	0.00	ng/ul#	1
19) Pyrene	19.61	202	839	0.06	ng/ul#	1
20) Benzo(a)anthracene	21.39	228	28	0.00	ng/ul#	1
21) Chrysene	21.43	228	25	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	22.88	252	8	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.88	252	8	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.54	252	1584	0.00	ng/ul#	65
26) Indeno(1,2,3-cd)pyrene	25.87	276	1	0.00	ng/ul#	53
28) Benzo(g,h,i)perylene	26.54	276	4	0.00	ng/ul#	1

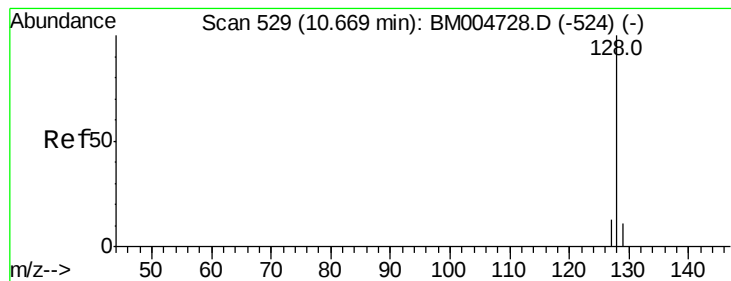
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.00 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004730.D

Acq: 22 Mar 2016 16:54

Instrument :

BNA_M

ClientSampleId :

SBLK58

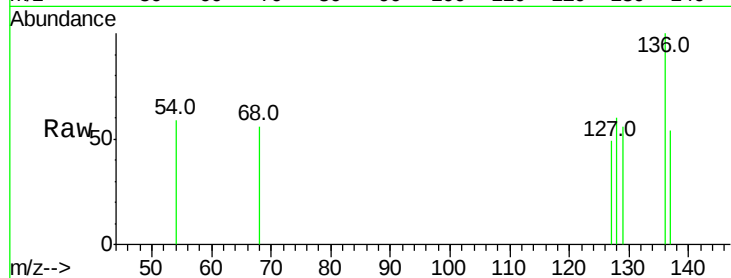
Tot Ion:128 Resp: 17

Ion Ratio Lower Upper

128 100

129 93.3 9.0 13.6#

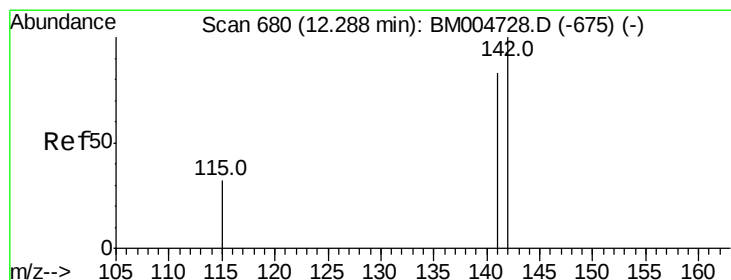
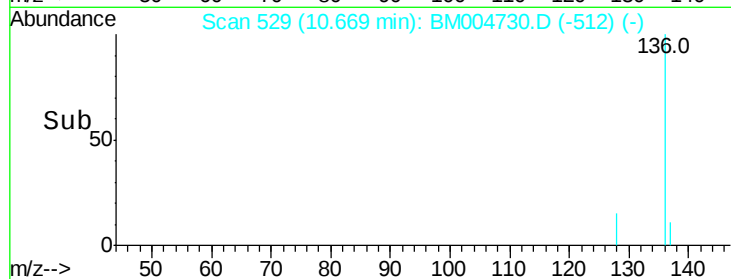
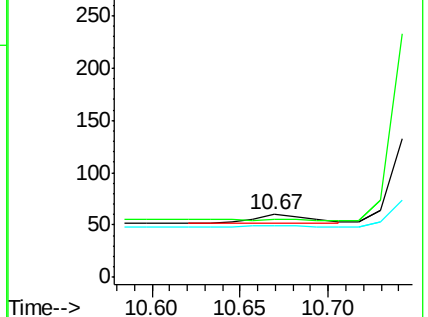
127 81.7 9.6 14.4#



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: BM004730.D

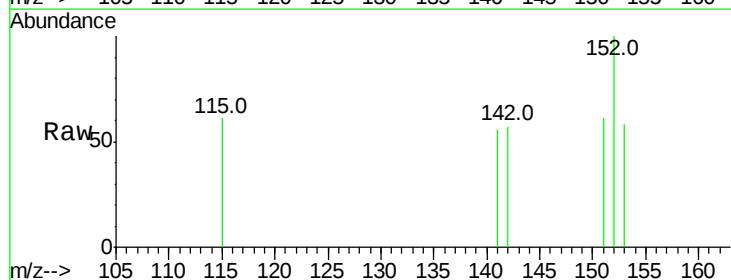
Acq: 22 Mar 2016 16:54

Tgt Ion:142 Resp: 6

Ion Ratio Lower Upper

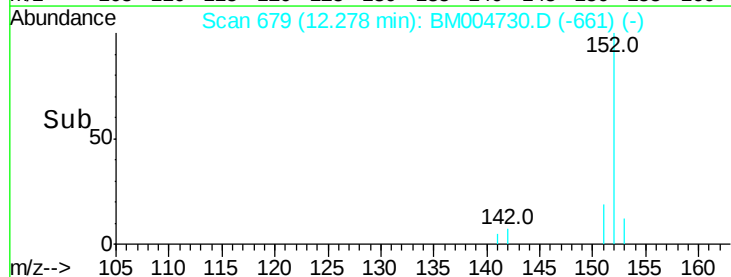
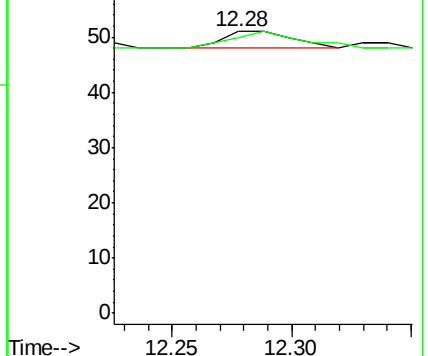
142 100

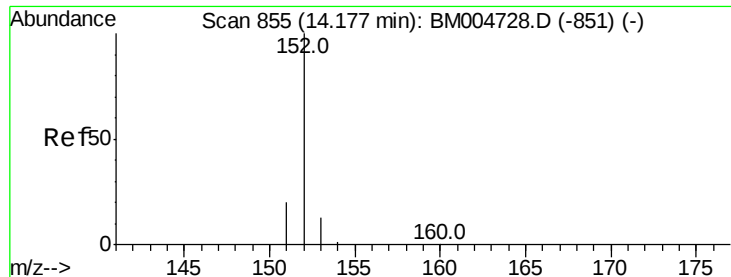
141 100.0 70.3 105.5



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: BM004730.D

Acq: 22 Mar 2016 16:54

Instrument :

BNA_M

ClientSampled :

SBLK58

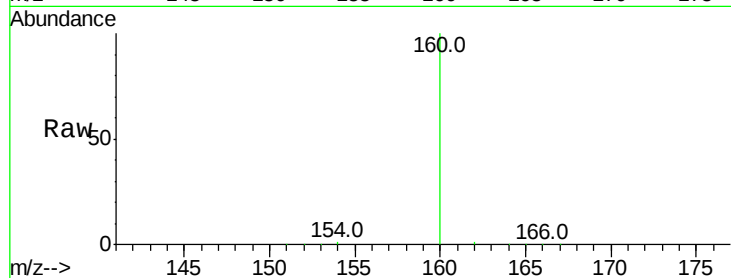
Tot Ion:152 Resp: 37

Ion Ratio Lower Upper

152 100

151 78.8 17.6 26.4#

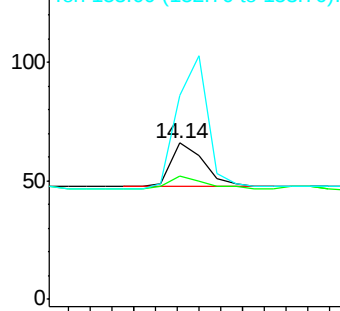
153 130.3 9.7 14.5#



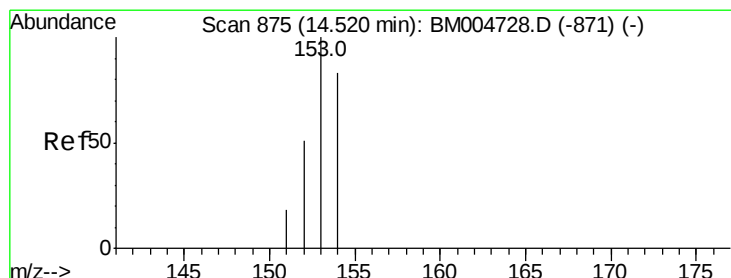
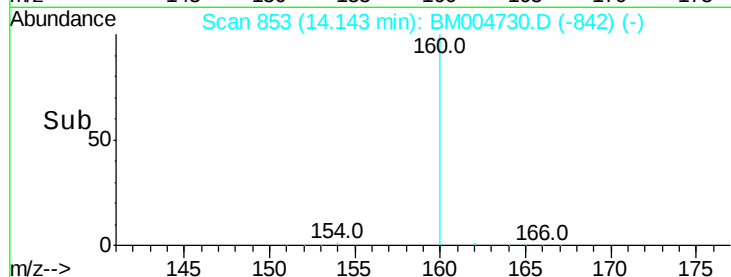
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#10

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.52 min Scan# 875

Delta R.T. -0.00 min

Lab File: BM004730.D

Acq: 22 Mar 2016 16:54

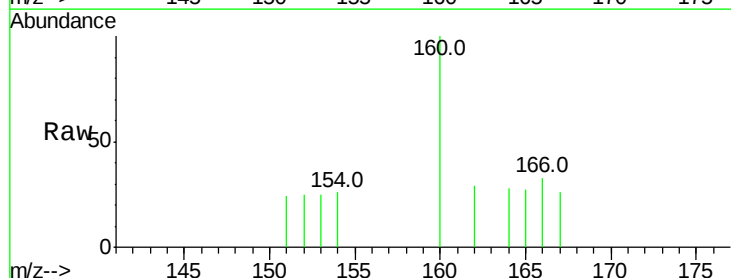
Tgt Ion:153 Resp: 5

Ion Ratio Lower Upper

153 100

152 100.0 33.9 50.9#

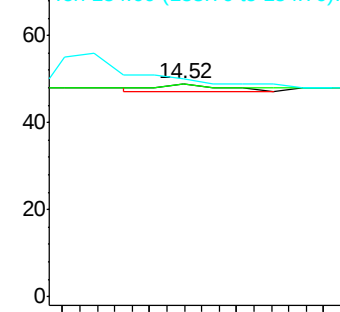
154 102.0 80.6 121.0



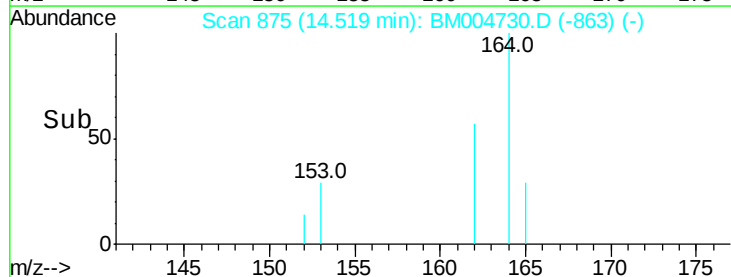
Abundance Ion 153.00 (152.70 to 153.70): E

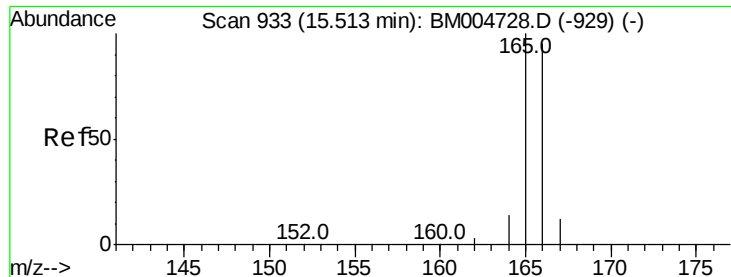
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->





#11

Fluorene

Concen: 0.09 ng/ul

RT: 15.46 min Scan# 930

Delta R.T. -0.05 min

Lab File: BM004730.D

Acq: 22 Mar 2016 16:54

Instrument :

BNA_M

ClientSampleId :

SBLK58

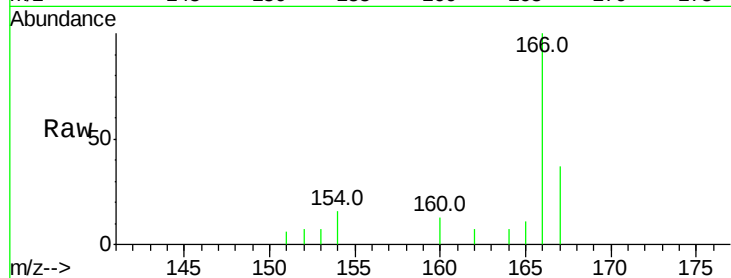
Tot Ion:166 Resp: 1038

Ion Ratio Lower Upper

166 100

165 10.5 69.6 104.4#

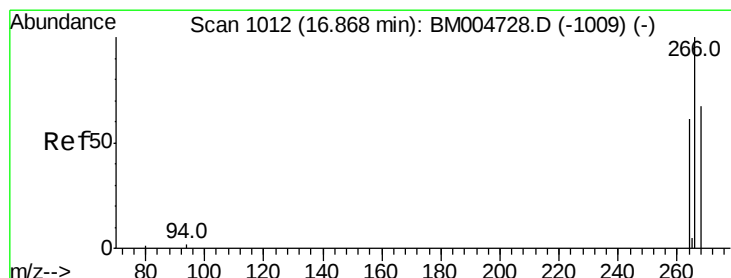
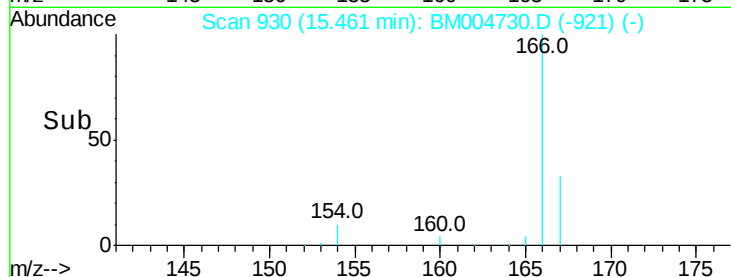
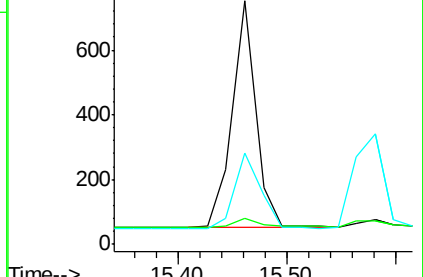
167 37.2 11.9 17.9#



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



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.87 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BM004730.D

Acq: 22 Mar 2016 16:54

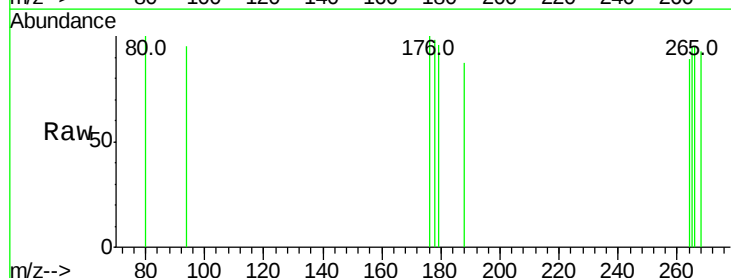
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 162.5 51.8 77.8#

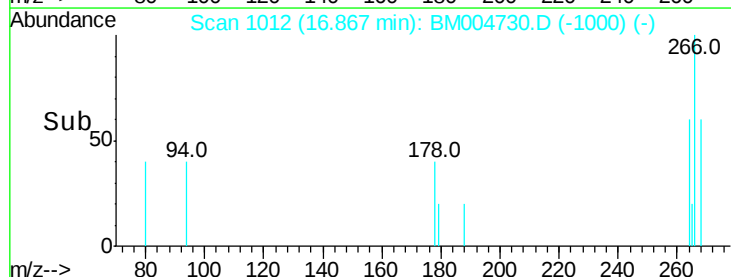
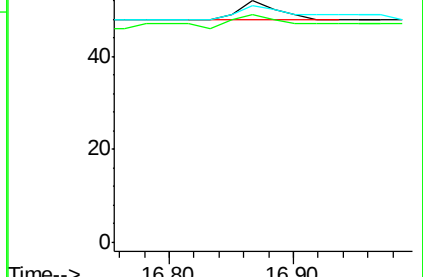
268 137.5 46.8 70.2#

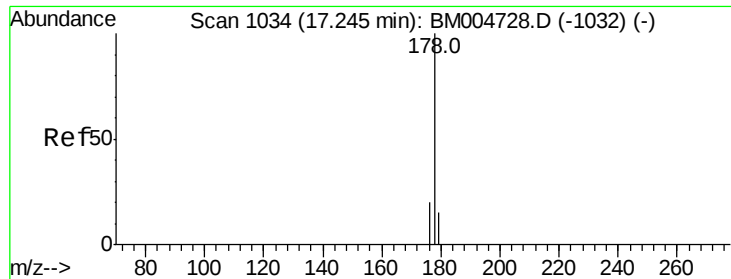


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.05 min

Lab File: BM004730.D

Acq: 22 Mar 2016 16:54

Instrument :

BNA_M

ClientSampleId :

SBLK58

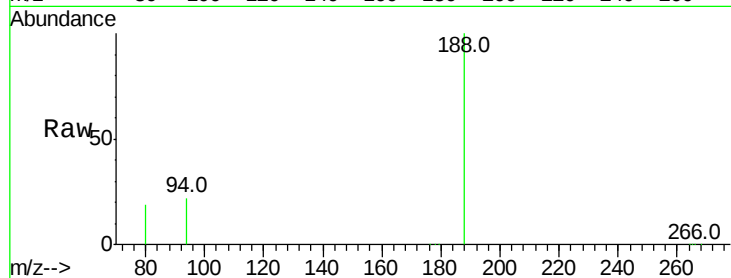
Tot Ion:178 Resp: 283

Ion Ratio Lower Upper

178 100

176 33.7 13.0 19.4#

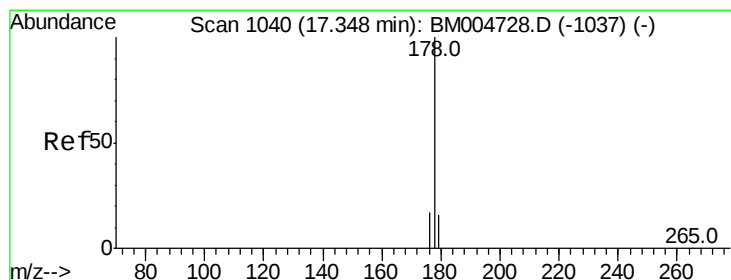
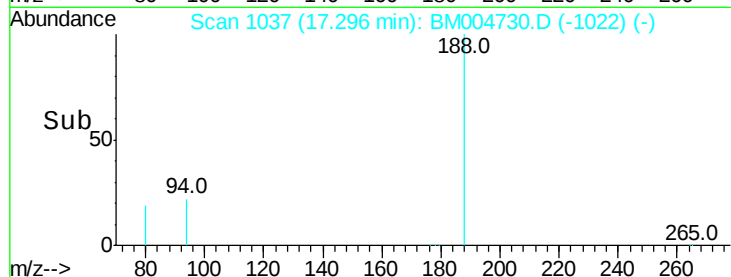
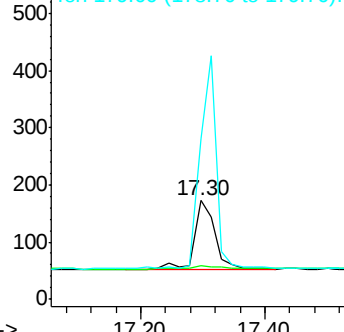
179 163.4 14.2 21.2#



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: BM004730.D

Acq: 22 Mar 2016 16:54

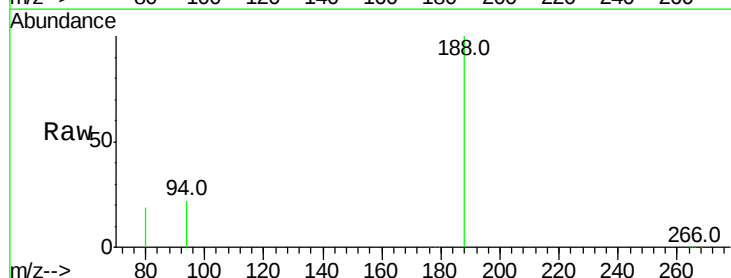
Tgt Ion:178 Resp: 247

Ion Ratio Lower Upper

178 100

176 33.7 14.0 21.0#

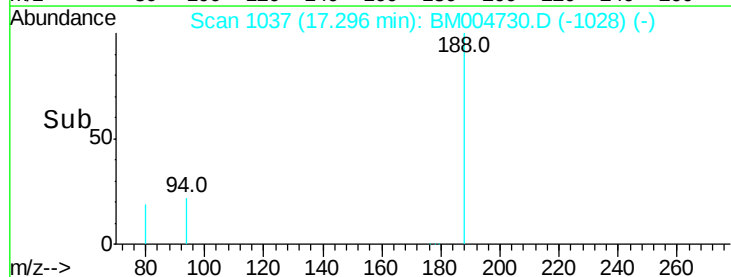
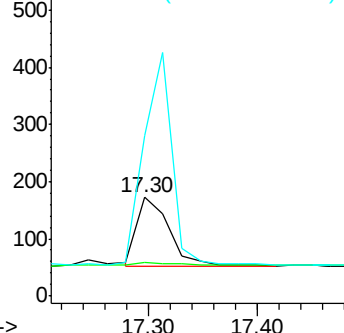
179 163.4 12.9 19.3#

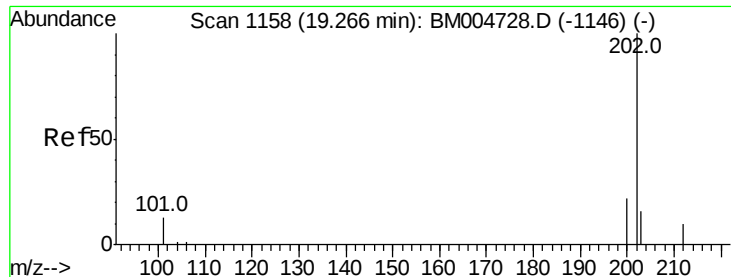


Abundance Ion 178.00 (177.70 to 178.70): E

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: BM004730.D

Acq: 22 Mar 2016 16:54

Instrument :

BNA_M

ClientSampleId :

SBLK58

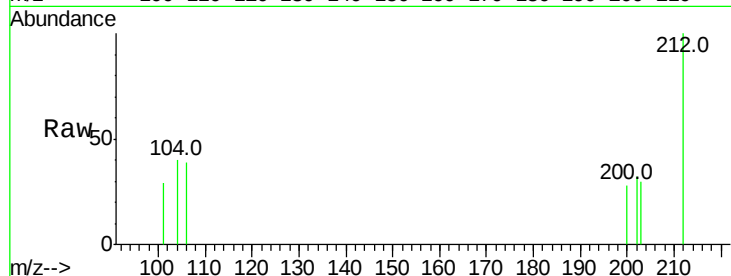
Tot Ion:202 Resp: 17

Ion Ratio Lower Upper

202 100

101 92.6 0.0 29.6#

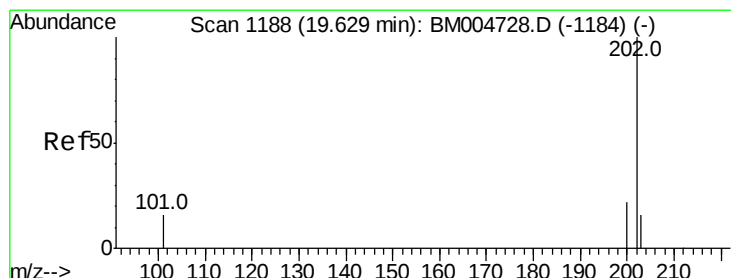
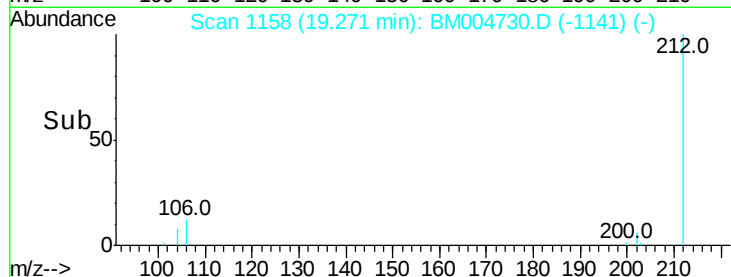
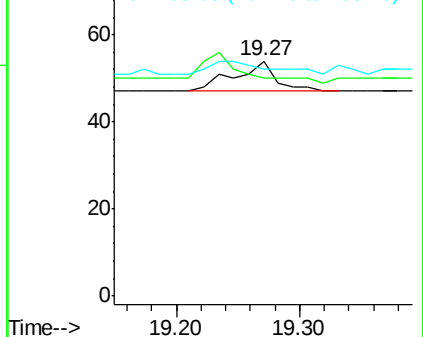
203 96.3 0.0 36.3#



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: 0.06 ng/ul

RT: 19.61 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BM004730.D

Acq: 22 Mar 2016 16:54

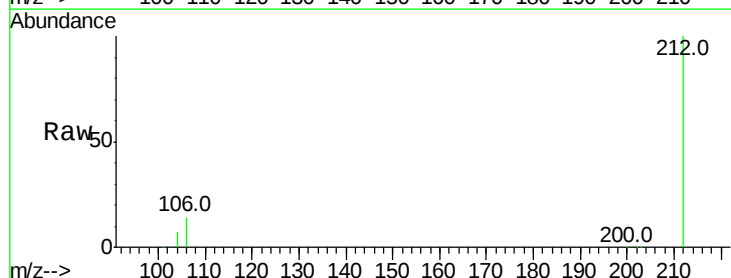
Tgt Ion:202 Resp: 839

Ion Ratio Lower Upper

202 100

200 11.5 17.8 26.8#

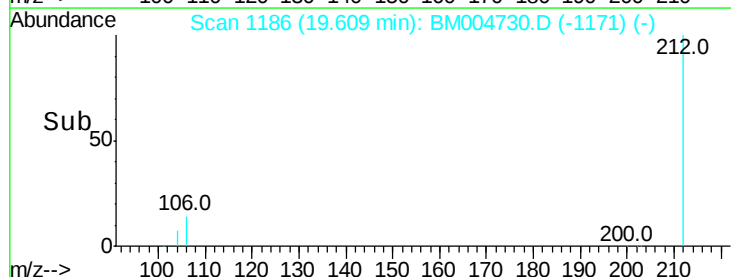
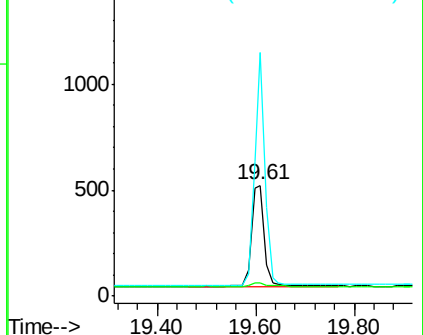
203 219.5 12.8 19.2#

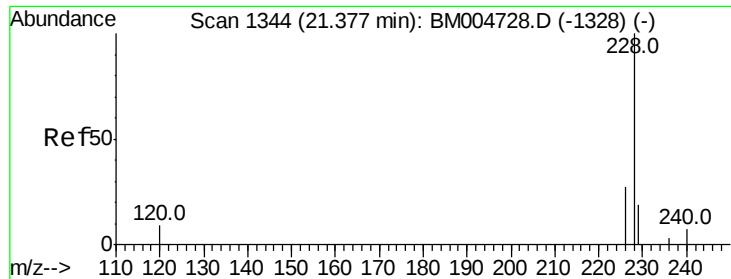


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM004730.D

Acq: 22 Mar 2016 16:54

Instrument :

BNA_M

ClientSampleId :

SBLK58

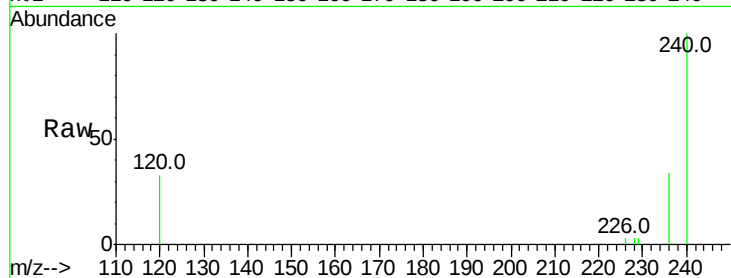
Tot Ion:228 Resp: 28

Ion Ratio Lower Upper

228 100

226 84.7 18.8 28.2#

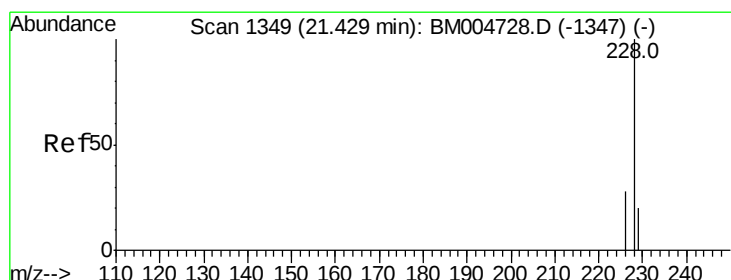
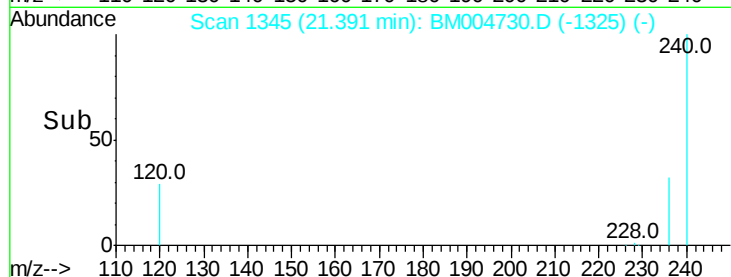
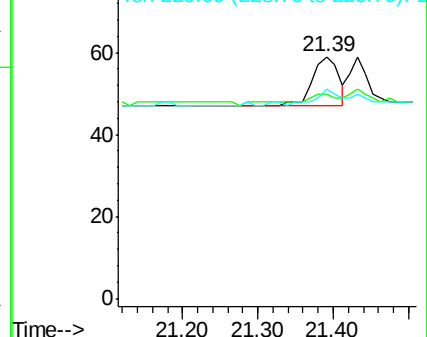
229 86.4 17.1 25.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Chrysene

Concen: 0.00 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. 0.00 min

Lab File: BM004730.D

Acq: 22 Mar 2016 16:54

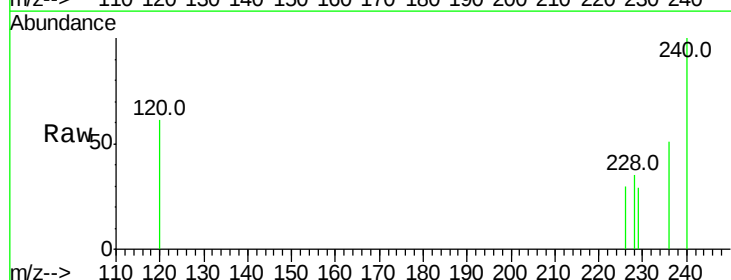
Tgt Ion:228 Resp: 25

Ion Ratio Lower Upper

228 100

226 86.4 21.2 31.8#

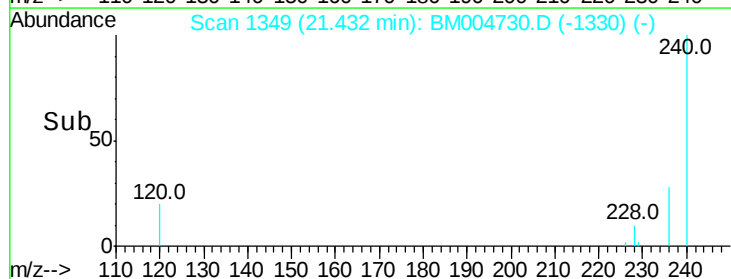
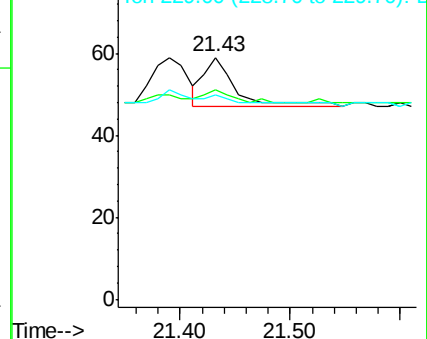
229 84.7 17.0 25.6#

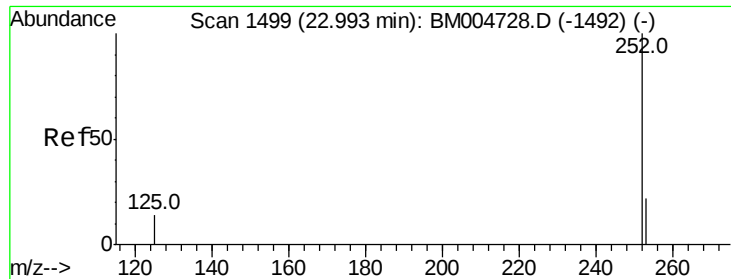


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 0.00 ng/u1

RT: 22.88 min Scan# 1488

Delta R.T. -0.11 min

Lab File: BM004730.D

Acq: 22 Mar 2016 16:54

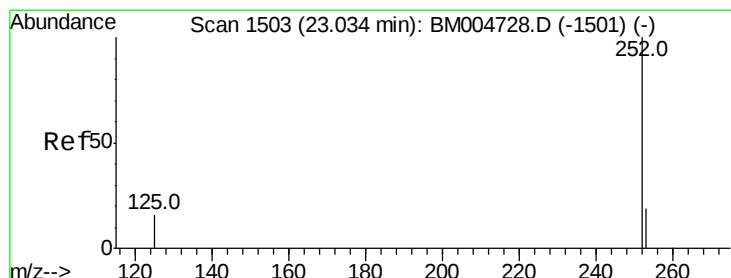
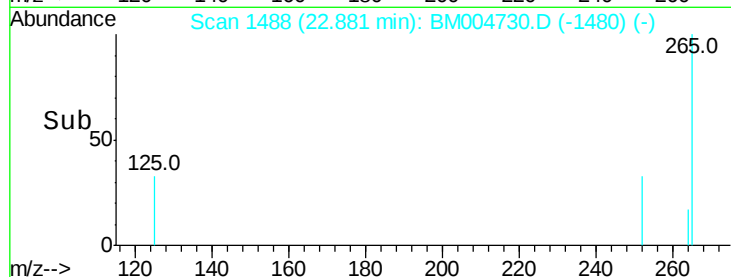
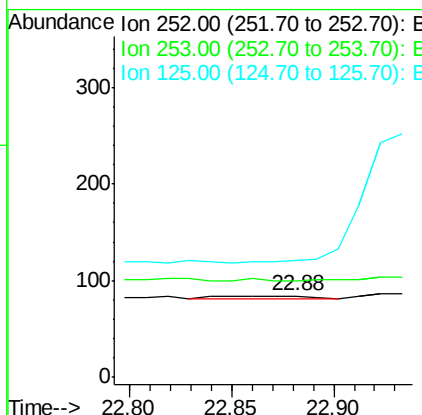
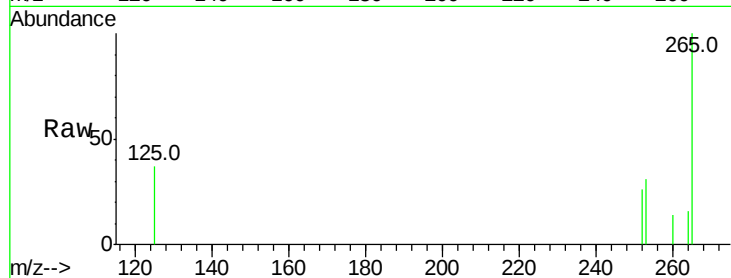
Instrument :

BNA_M

ClientSampleId :

SBLK58

Tot Ion:252	Resp:	8	
Ion Ratio	Lower	Upper	
252	100		
253	119.0	0.0	45.4#
125	144.0	0.0	28.8#



#24

Benzo(k)fluoranthene

Concen: 0.00 ng/u1

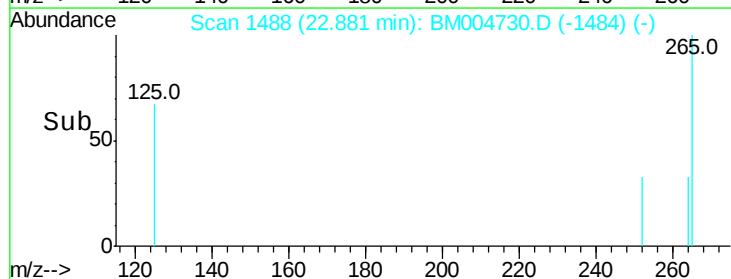
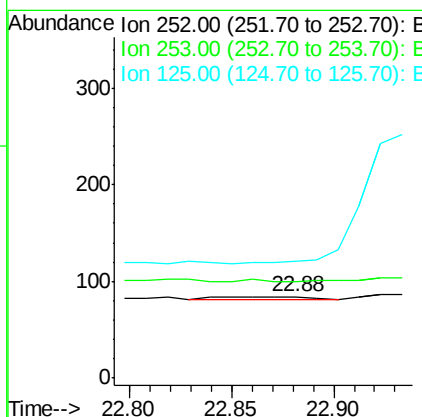
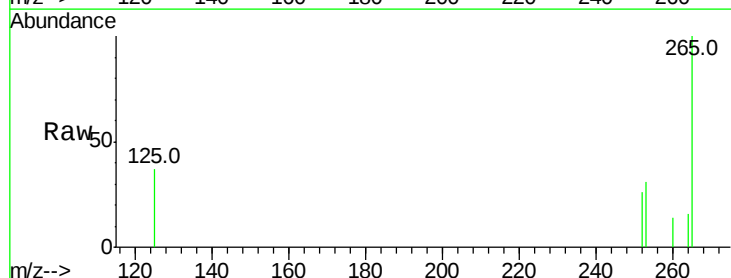
RT: 22.88 min Scan# 1488

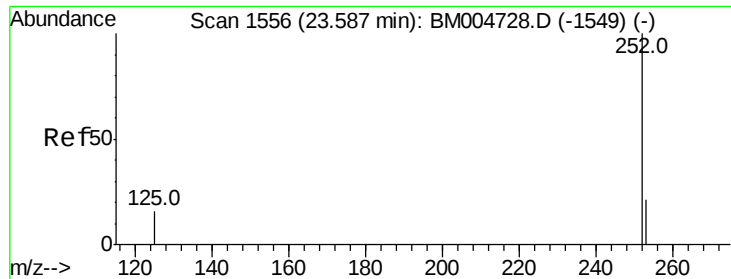
Delta R.T. -0.15 min

Lab File: BM004730.D

Acq: 22 Mar 2016 16:54

Tgt	Ion:252	Resp:	8
Ion	Ratio	Lower	Upper
252	100		
253	119.0	19.8	29.8#
125	144.0	10.4	15.6#





#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.54 min Scan# 1551

Delta R.T. -0.05 min

Lab File: BM004730.D

Acq: 22 Mar 2016 16:54

Instrument :

BNA_M

ClientSampleId :

SBLK58

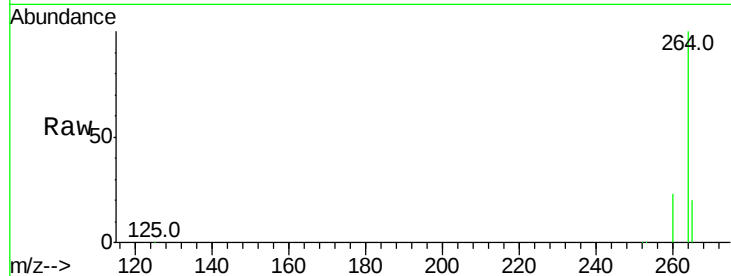
Tot Ion:252 Resp: 1584

Ion Ratio Lower Upper

252 100

253 35.7 19.4 29.2#

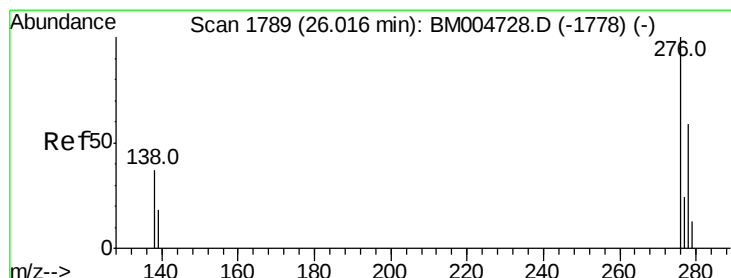
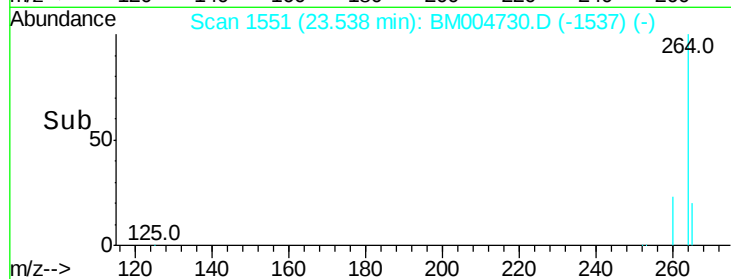
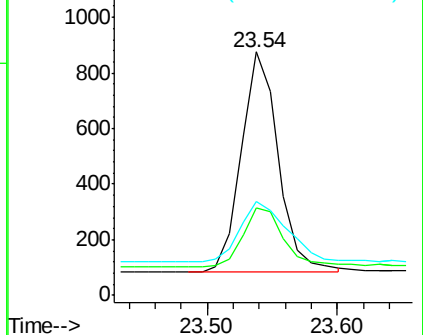
125 38.4 12.7 19.1#



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/ul

RT: 25.87 min Scan# 1775

Delta R.T. -0.14 min

Lab File: BM004730.D

Acq: 22 Mar 2016 16:54

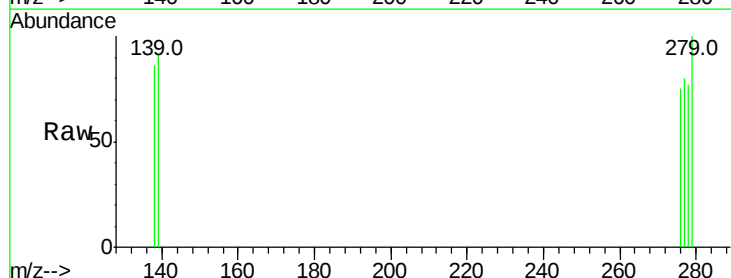
Tgt Ion:276 Resp: 1

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

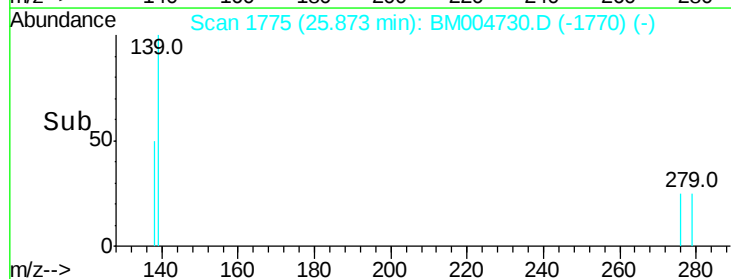
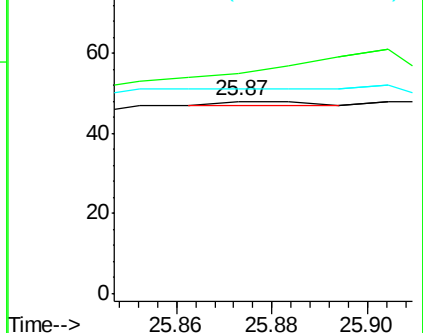
277 0.0 19.8 29.8#

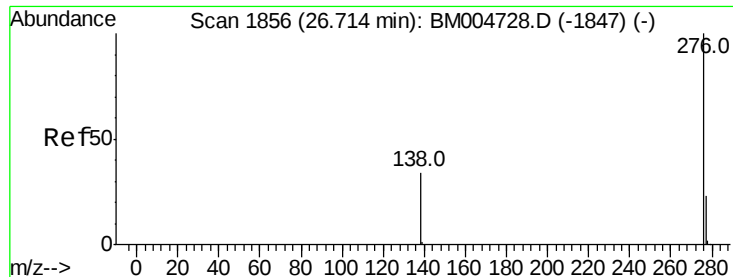


Abundance Ion 276.00 (275.70 to 276.70): E

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: 26.54 min Scan# 1839

Delta R.T. -0.17 min

Lab File: BM004730.D

Acq: 22 Mar 2016 16:54

Instrument :

BNA_M

ClientSampleId :

SBLK58

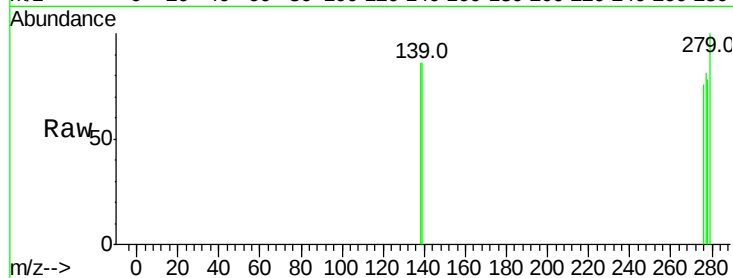
Tot Ion: 276 Resp: 4

Ion Ratio Lower Upper

276 100

277 106.3 18.9 28.3#

138 112.5 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

