

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032216\
 Data File : BM004733.D
 Acq On : 22 Mar 2016 18:43
 Operator : UM/SJ
 Sample : H1835-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T12

Quant Time: Mar 23 04:12:56 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

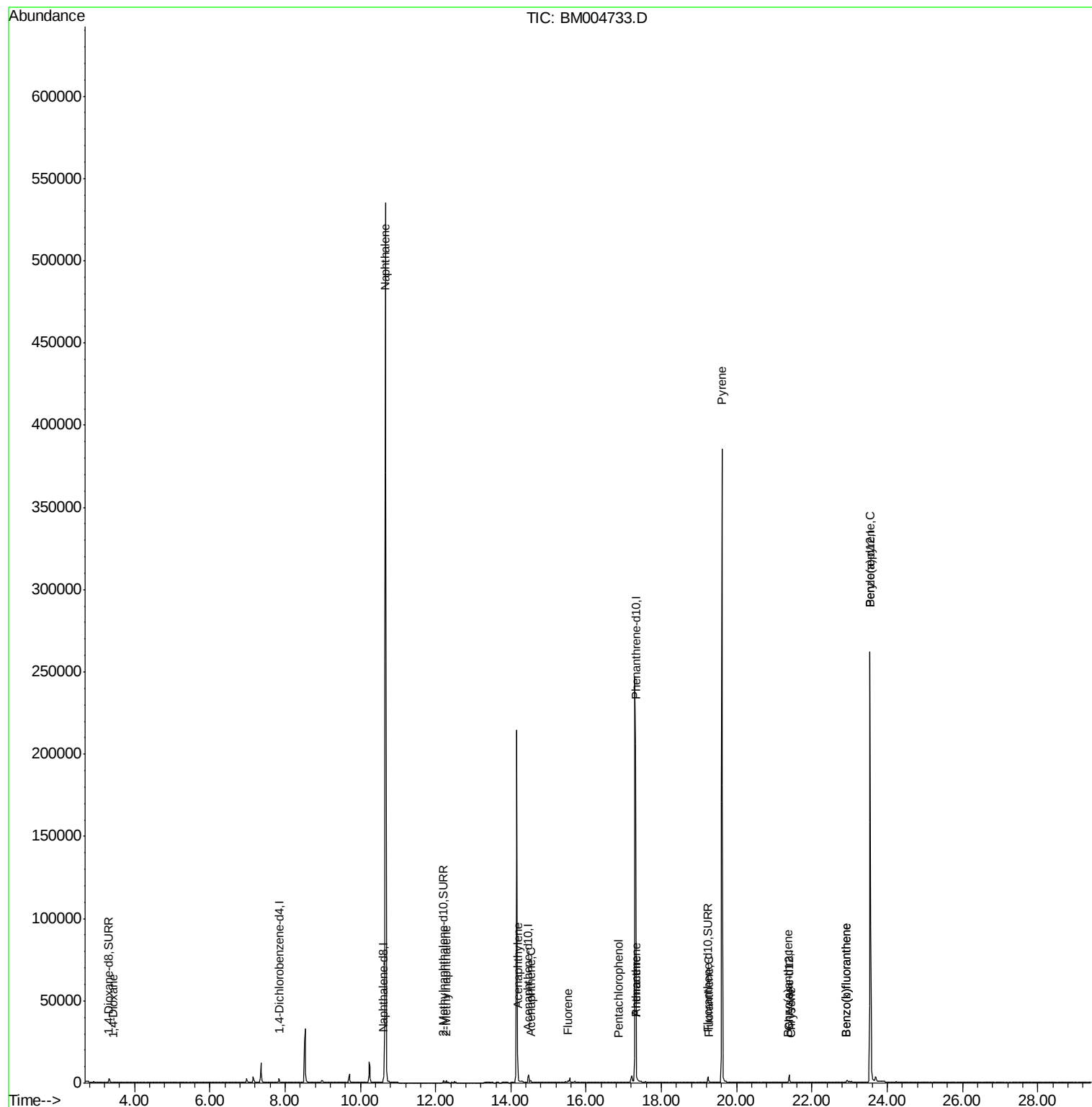
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1314	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5399	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2836	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	391027	5.00	ng/ul	0.10
18) Chrysene-d12	21.40	240	4362	5.00	ng/ul	0.00
22) Perylene-d12	23.54	264	355158	5.00	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	1824	2.86	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	2103	0.34	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	4342	0.01	ng/ul	0.00
Target Compounds				Ovalue		
3) 1,4-Dioxane	3.43	88	39	0.05	ng/ul#	80
5) Naphthalene	10.67	128	755889	59.42	ng/ul	98
7) 2-Methylnaphthalene	12.29	142	1045	0.13	ng/ul	98
9) Acenaphthylene	14.18	152	107	0.01	ng/ul#	5
10) Acenaphthene	14.52	153	579	0.06	ng/ul#	83
11) Fluorene	15.51	166	822	0.08	ng/ul#	86
13) Pentachlorophenol	16.87	266	124	0.00	ng/ul	99
14) Phenanthrene	17.33	178	542	0.00	ng/ul#	62
15) Anthracene	17.33	178	574	0.00	ng/ul#	62
17) Fluoranthene	19.27	202	356	0.00	ng/ul	56
19) Pyrene	19.60	202	1042	0.07	ng/ul#	1
20) Benzo(a)anthracene	21.38	228	206	0.02	ng/ul#	53
21) Chrysene	21.43	228	209	0.01	ng/ul#	57
23) Benzo(b)fluoranthene	22.92	252	13	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.92	252	13	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.54	252	1559	0.00	ng/ul#	60

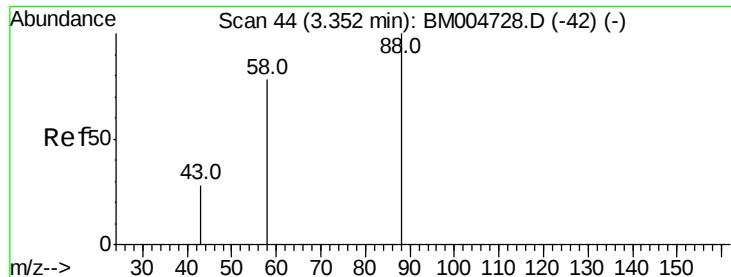
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

1,4-Dioxane

Concen: 0.05 ng/ul

RT: 3.43 min Scan# 49

Delta R.T. 0.08 min

Lab File: BM004733.D

Acq: 22 Mar 2016 18:43

Instrument :

BNA_M

ClientSampleId :

A4T12

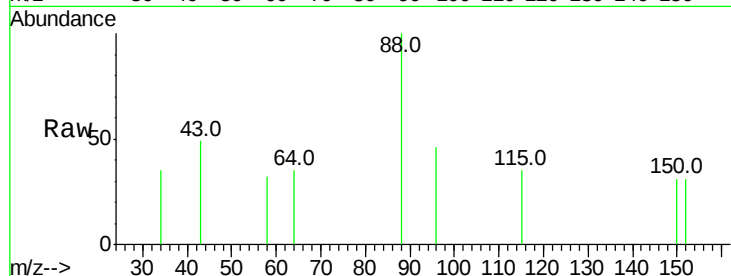
Tot Ion: 88 Resp: 39

Ion Ratio Lower Upper

88 100

58 5.1 8.0 12.0#

43 0.0 8.0 12.0#

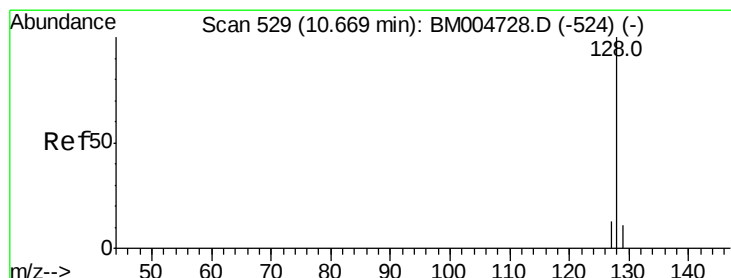
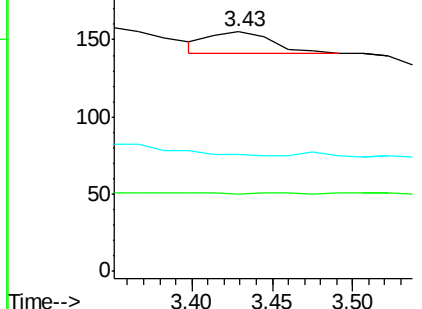
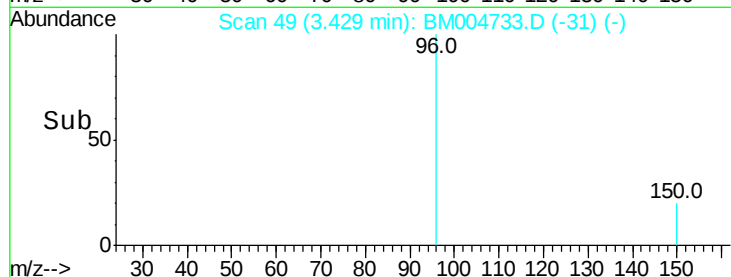


Abundance Ion 88.00 (87.70 to 88.70): BM004728.D (-42) (-)

Ion 58.00 (57.70 to 58.70): BM004728.D (-42) (-)

Ion 43.00 (42.70 to 43.70): BM004728.D (-42) (-)

Time-->



#5

Naphthalene

Concen: 59.42 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004733.D

Acq: 22 Mar 2016 18:43

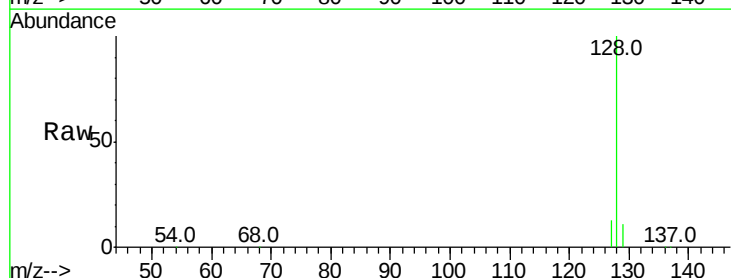
Tgt Ion: 128 Resp: 755889

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

127 13.1 9.6 14.4

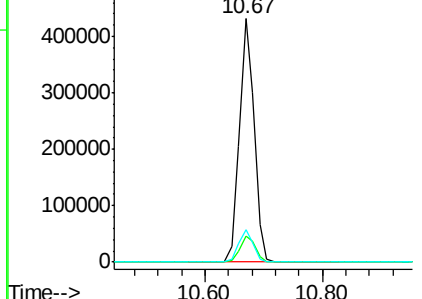
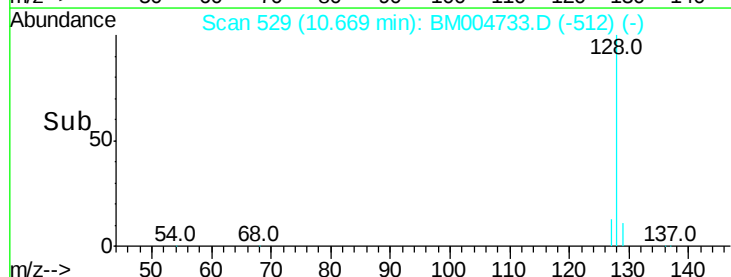


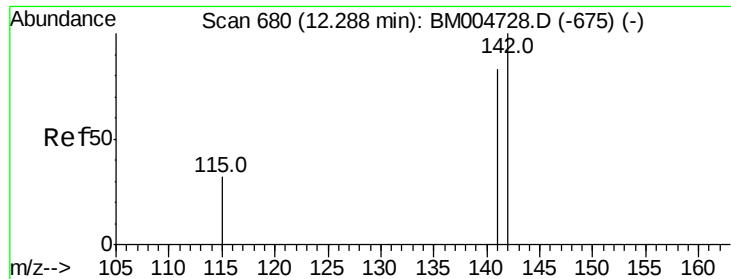
Abundance Ion 128.00 (127.70 to 128.70): BM004728.D (-524) (-)

Ion 129.00 (128.70 to 129.70): BM004728.D (-524) (-)

Ion 127.00 (126.70 to 127.70): BM004728.D (-524) (-)

Time-->





#7

2-Methylnaphthalene

Concen: 0.13 ng/ul

RT: 12.29 min Scan# 680

Delta R.T. -0.00 min

Lab File: BM004733.D

Acq: 22 Mar 2016 18:43

Instrument :

BNA_M

ClientSampleId :

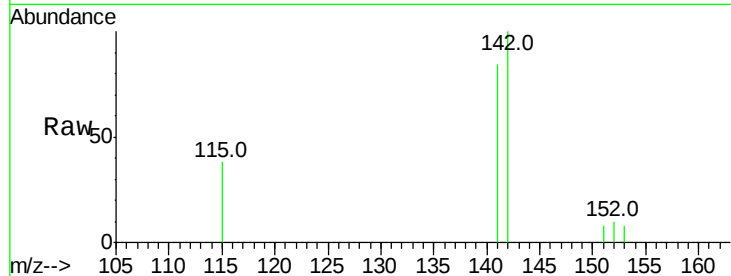
A4T12

Tot Ion:142 Resp: 1045

Ion Ratio Lower Upper

142 100

141 89.5 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.29

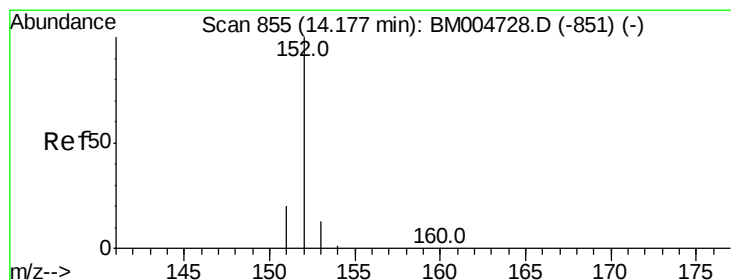
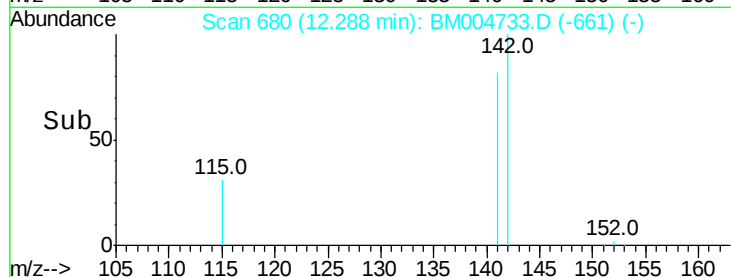
600

400

200

0

Time--> 12.20 12.30 12.40 12.50



#9

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.18 min Scan# 855

Delta R.T. -0.00 min

Lab File: BM004733.D

Acq: 22 Mar 2016 18:43

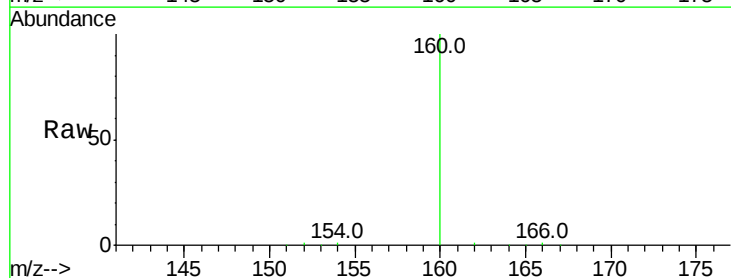
Tgt Ion:152 Resp: 107

Ion Ratio Lower Upper

152 100

151 58.7 17.6 26.4#

153 61.5 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

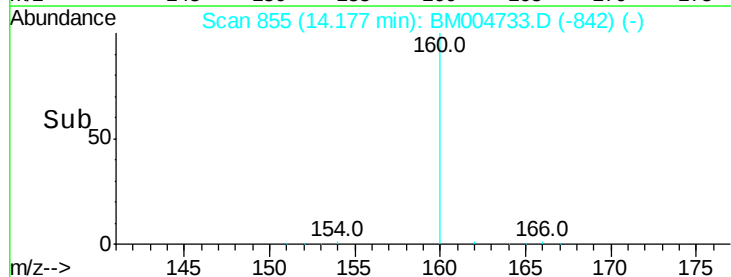
14.18

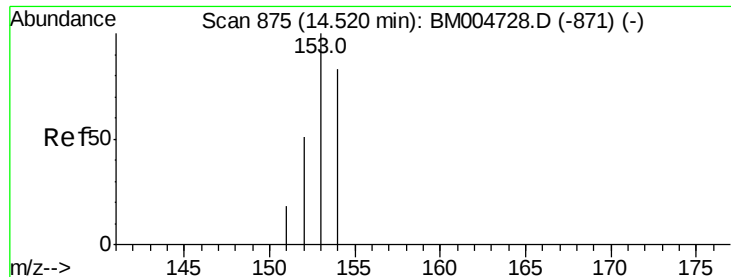
100

50

0

Time--> 14.10 14.20 14.30





#10

Acenaphthene

Concen: 0.06 ng/ul

RT: 14.52 min Scan# 875

Delta R.T. -0.00 min

Lab File: BM004733.D

Acq: 22 Mar 2016 18:43

Instrument :

BNA_M

ClientSampleId :

A4T12

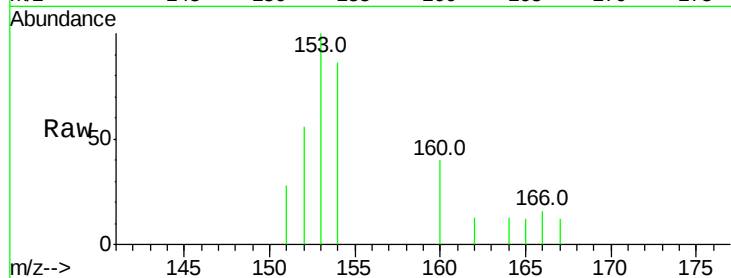
Tot Ion:153 Resp: 579

Ion Ratio Lower Upper

153 100

152 55.8 33.9 50.9#

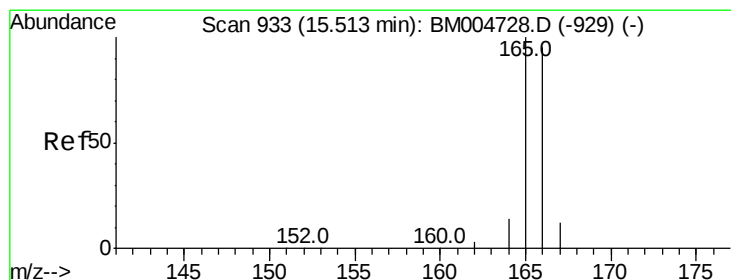
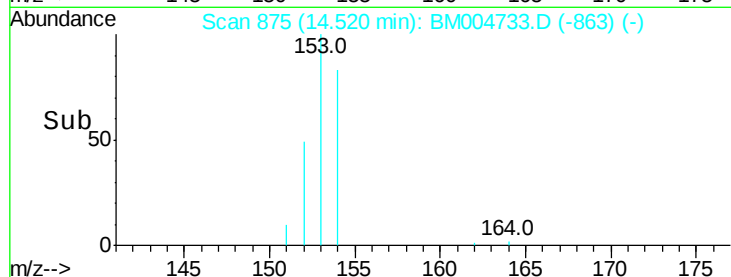
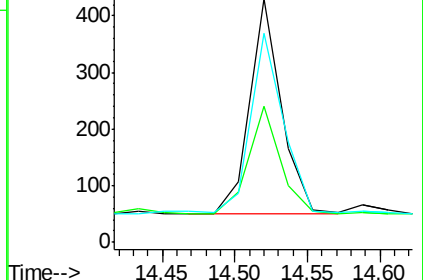
154 85.8 80.6 121.0



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: 15.51 min Scan# 933

Delta R.T. -0.00 min

Lab File: BM004733.D

Acq: 22 Mar 2016 18:43

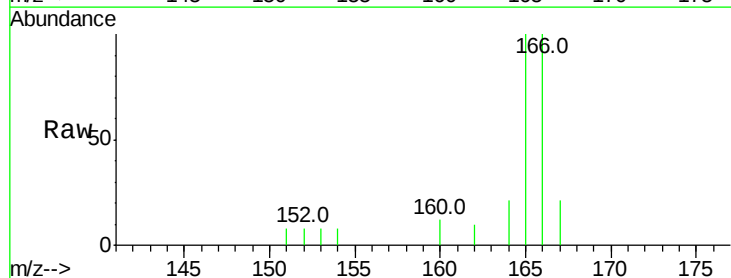
Tgt Ion:166 Resp: 822

Ion Ratio Lower Upper

166 100

165 99.7 69.6 104.4

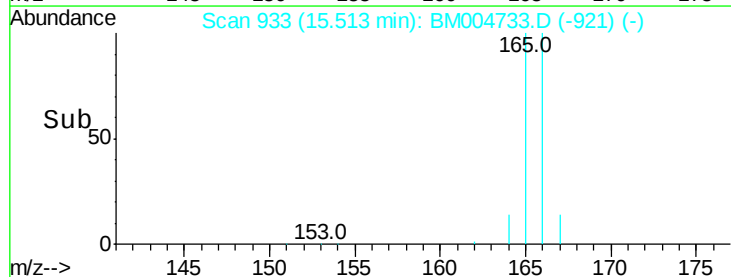
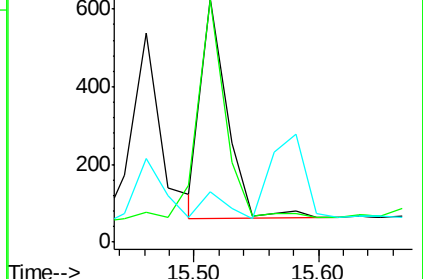
167 20.7 11.9 17.9#

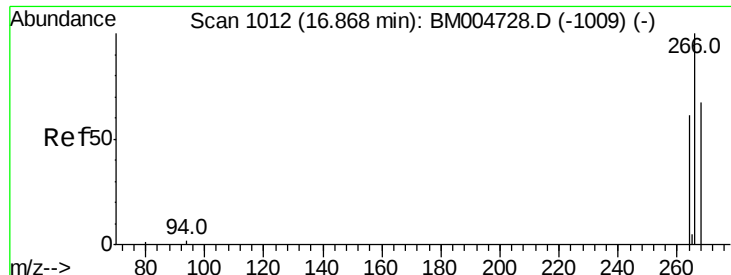


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

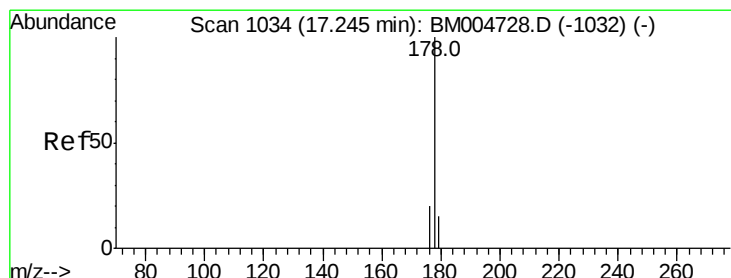
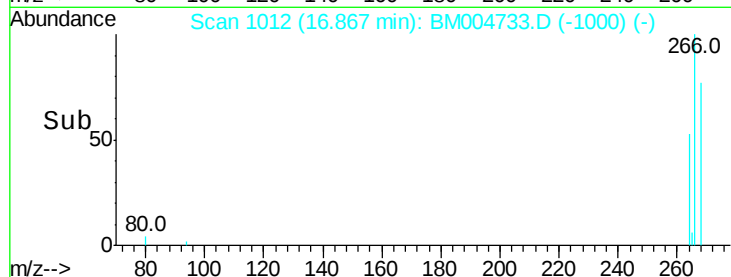
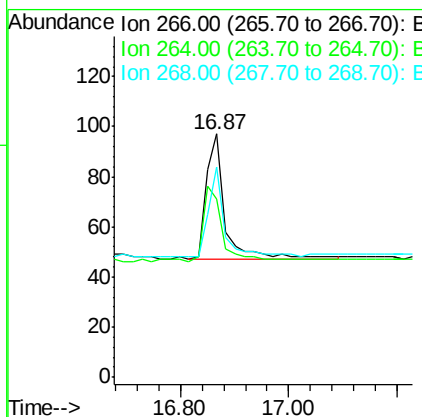
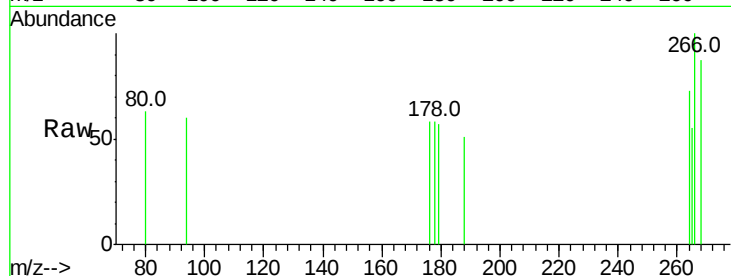




#13
 Pentachlorophenol
 Concen: 0.00 ng/ul
 RT: 16.87 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BM004733.D
 Acq: 22 Mar 2016 18:43

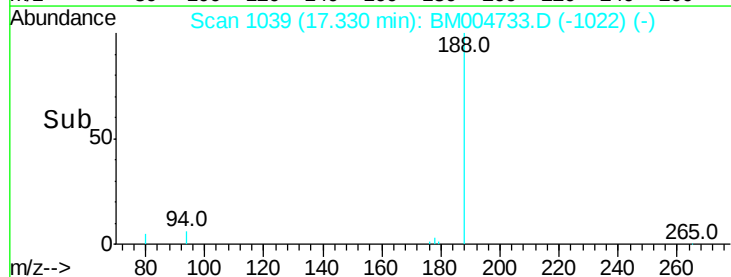
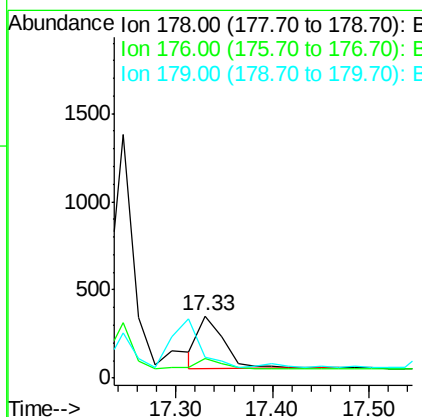
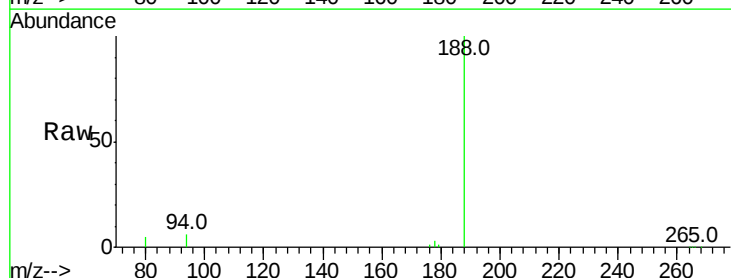
Instrument :
 BNA_M
 ClientSampleId :
 A4T12

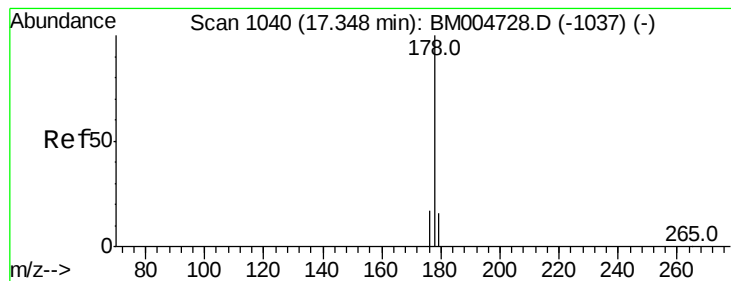
Tot Ion:266 Resp: 124
 Ion Ratio Lower Upper
 266 100
 264 64.5 51.8 77.8
 268 59.7 46.8 70.2



#14
 Phenanthrene
 Concen: 0.00 ng/ul
 RT: 17.33 min Scan# 1039
 Delta R.T. 0.09 min
 Lab File: BM004733.D
 Acq: 22 Mar 2016 18:43

Tgt Ion:178 Resp: 542
 Ion Ratio Lower Upper
 178 100
 176 32.2 13.0 19.4#
 179 34.5 14.2 21.2#





#15

Anthracene

Concen: 0.00 ng/ul

RT: 17.33 min Scan# 1039

Delta R.T. -0.02 min

Lab File: BM004733.D

Acq: 22 Mar 2016 18:43

Instrument :

BNA_M

ClientSampleId :

A4T12

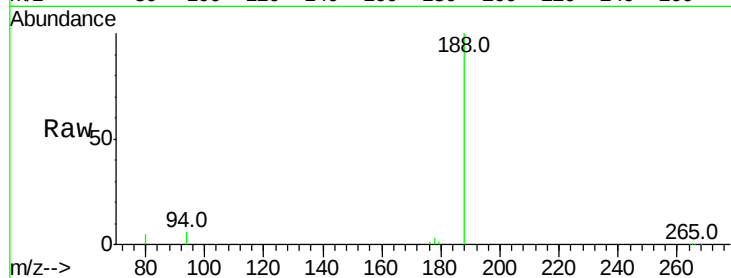
Tot Ion:178 Resp: 574

Ion Ratio Lower Upper

178 100

176 32.2 14.0 21.0#

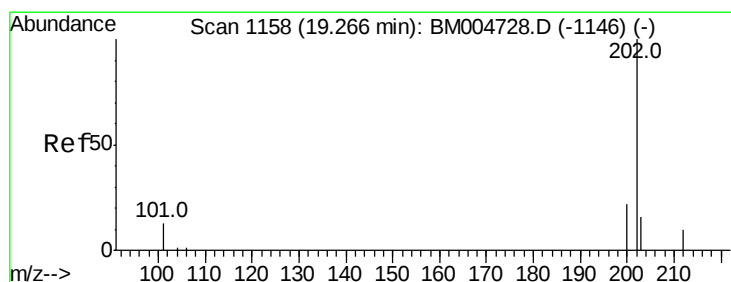
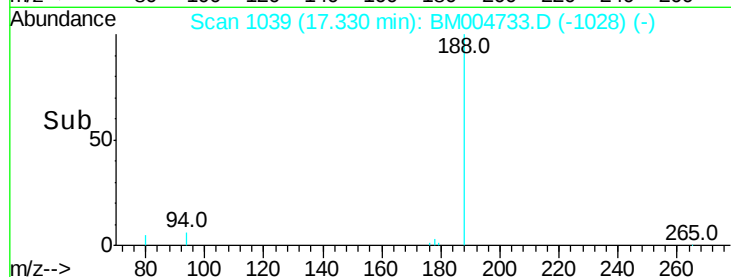
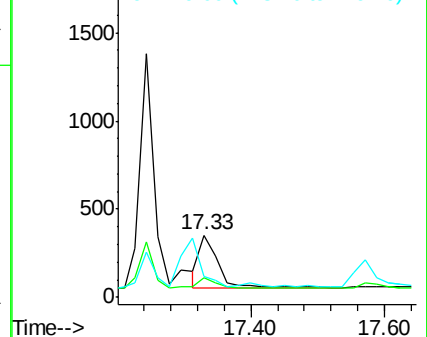
179 34.5 12.9 19.3#



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. -0.00 min

Lab File: BM004733.D

Acq: 22 Mar 2016 18:43

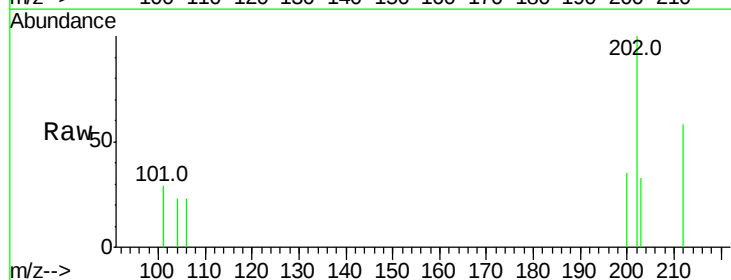
Tgt Ion:202 Resp: 356

Ion Ratio Lower Upper

202 100

101 29.1 0.0 29.6

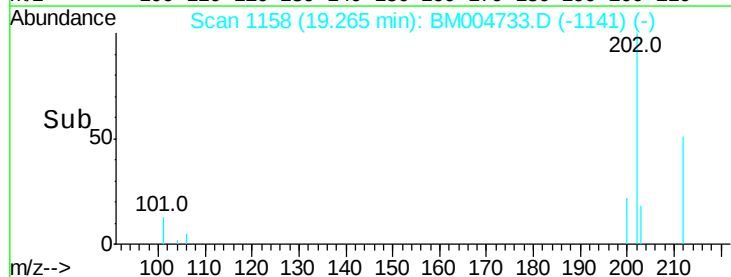
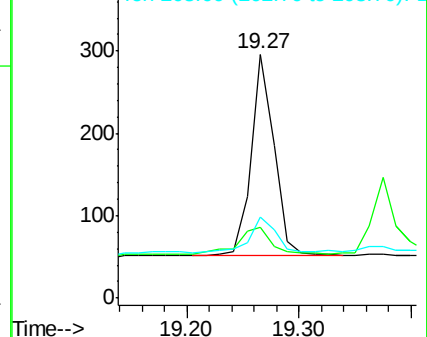
203 33.1 0.0 36.3

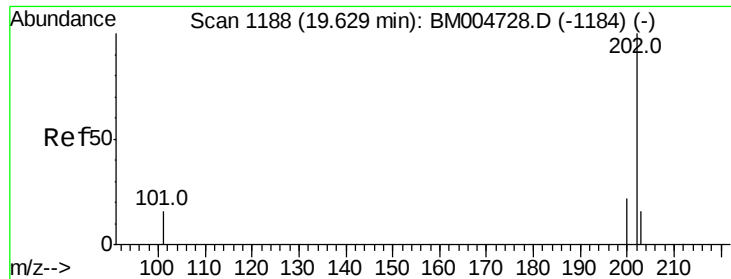


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pvrene

Concen: 0.07 ng/ul

RT: 19.60 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BM004733.D

Acq: 22 Mar 2016 18:43

Instrument :

BNA_M

ClientSampleId :

A4T12

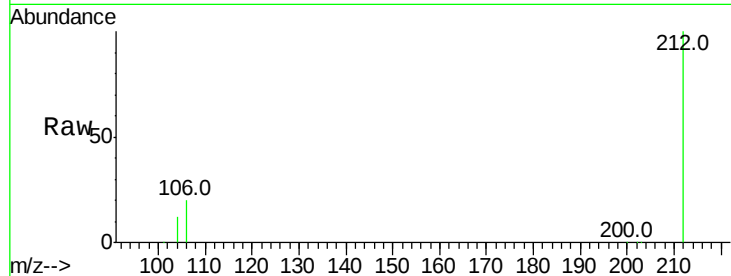
Tot Ion:202 Resp: 1042

Ion Ratio Lower Upper

202 100

200 12.4 17.8 26.8#

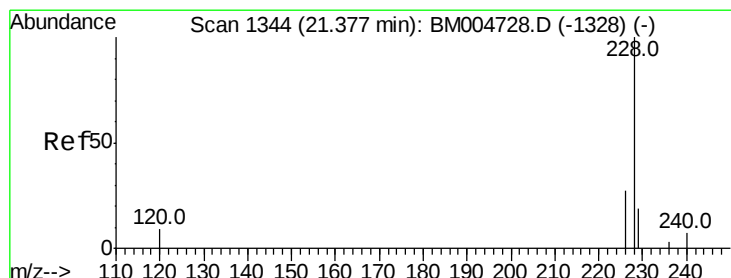
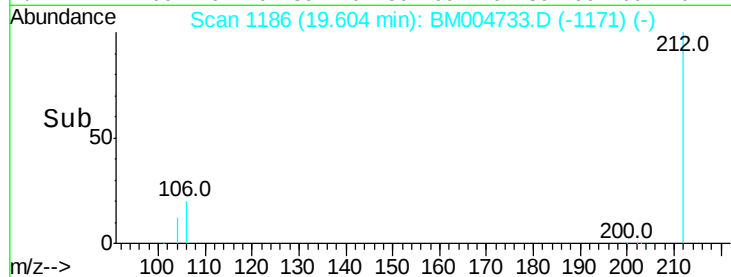
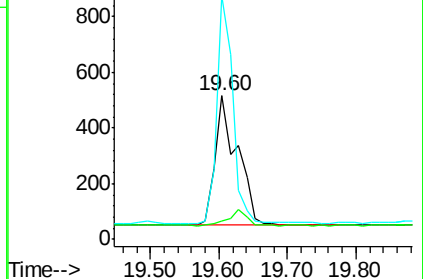
203 169.9 12.8 19.2#



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: 0.02 ng/ul

RT: 21.38 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BM004733.D

Acq: 22 Mar 2016 18:43

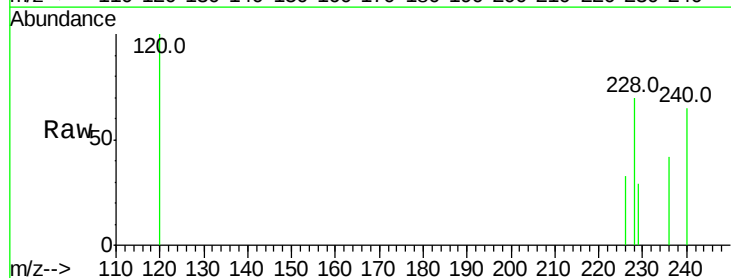
Tgt Ion:228 Resp: 206

Ion Ratio Lower Upper

228 100

226 47.8 18.8 28.2#

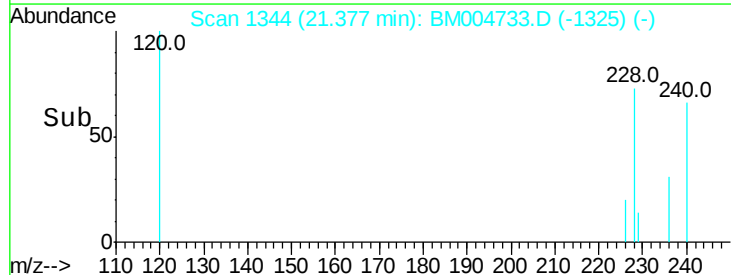
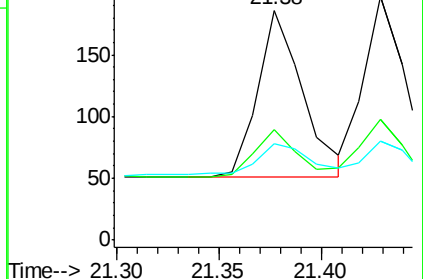
229 41.9 17.1 25.7#

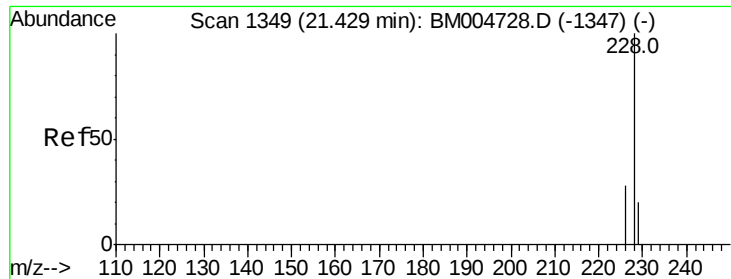


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.01 ng/ul

RT: 21.43 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BM004733.D

Acq: 22 Mar 2016 18:43

Instrument :

BNA_M

ClientSampled :

A4T12

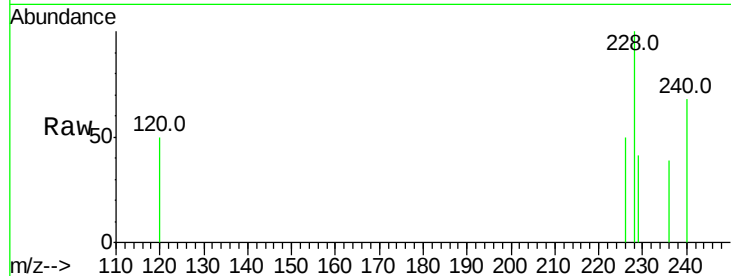
Tot Ion:228 Resp: 209

Ion Ratio Lower Upper

228 100

226 49.7 21.2 31.8#

229 40.6 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

21.43

200

150

100

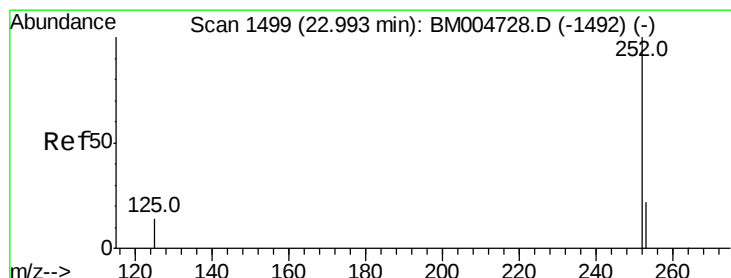
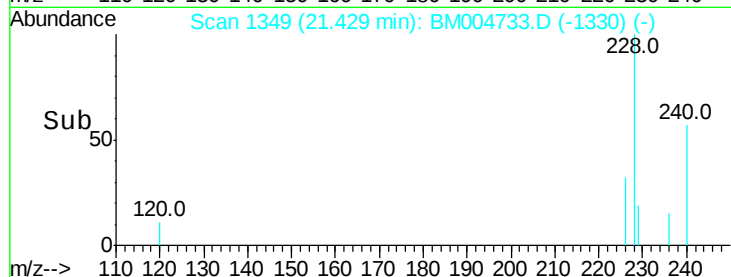
50

0

21.40

21.50

Time-->



#23

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.92 min Scan# 1492

Delta R.T. -0.07 min

Lab File: BM004733.D

Acq: 22 Mar 2016 18:43

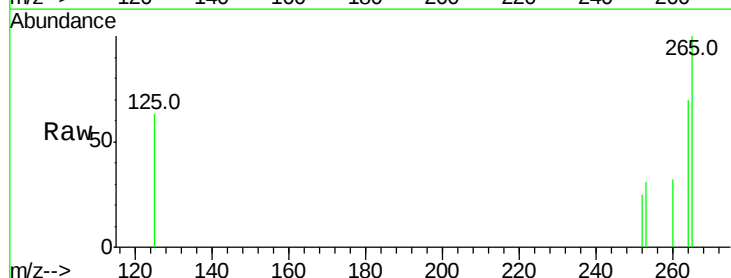
Tgt Ion:252 Resp: 13

Ion Ratio Lower Upper

252 100

253 126.4 0.0 45.4#

125 257.5 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

22.92

300

200

100

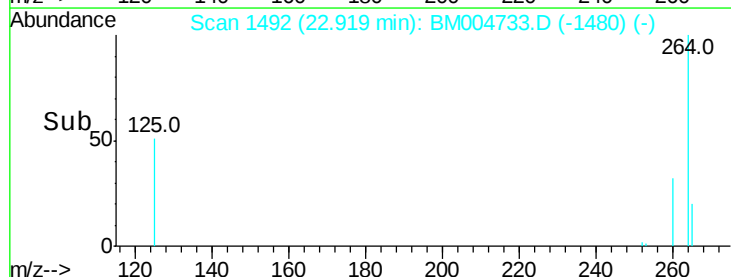
0

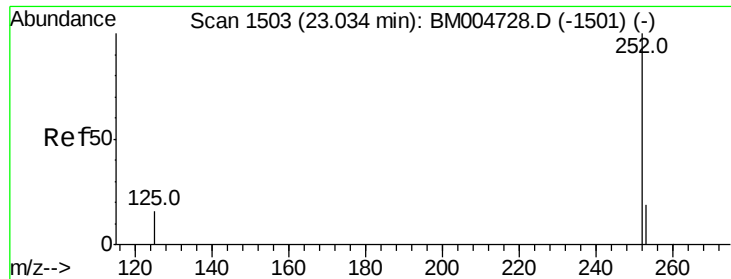
22.85

22.90

22.95

Time-->





#24

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.92 min Scan# 1492

Delta R.T. -0.11 min

Lab File: BM004733.D

Acq: 22 Mar 2016 18:43

Instrument :

BNA_M

ClientSampleId :

A4T12

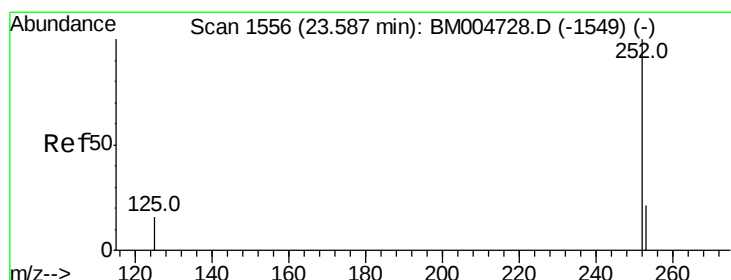
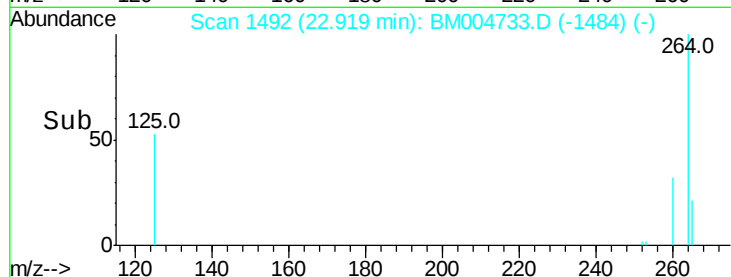
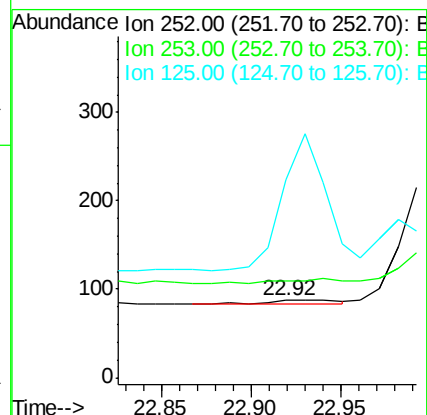
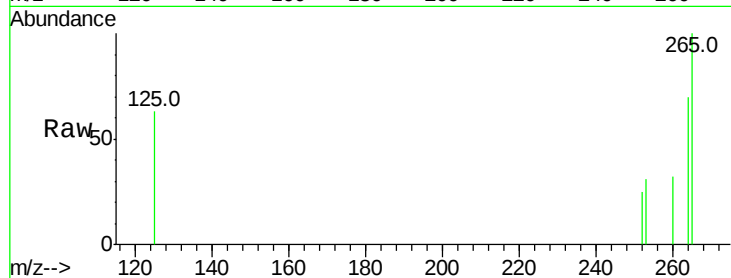
Tot Ion:252 Resp: 13

Ion Ratio Lower Upper

252 100

253 126.4 19.8 29.8#

125 257.5 10.4 15.6#



#25

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.54 min Scan# 1552

Delta R.T. -0.04 min

Lab File: BM004733.D

Acq: 22 Mar 2016 18:43

Tgt Ion:252 Resp: 1559

Ion Ratio Lower Upper

252 100

253 38.6 19.4 29.2#

125 39.9 12.7 19.1#

