

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032216\
 Data File : BM004741.D
 Acq On : 23 Mar 2016 00:08
 Operator : UM/SJ
 Sample : H1835-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T28

Quant Time: Mar 23 05:11:41 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 06:08:08 2016
 Response via : Initial Calibration

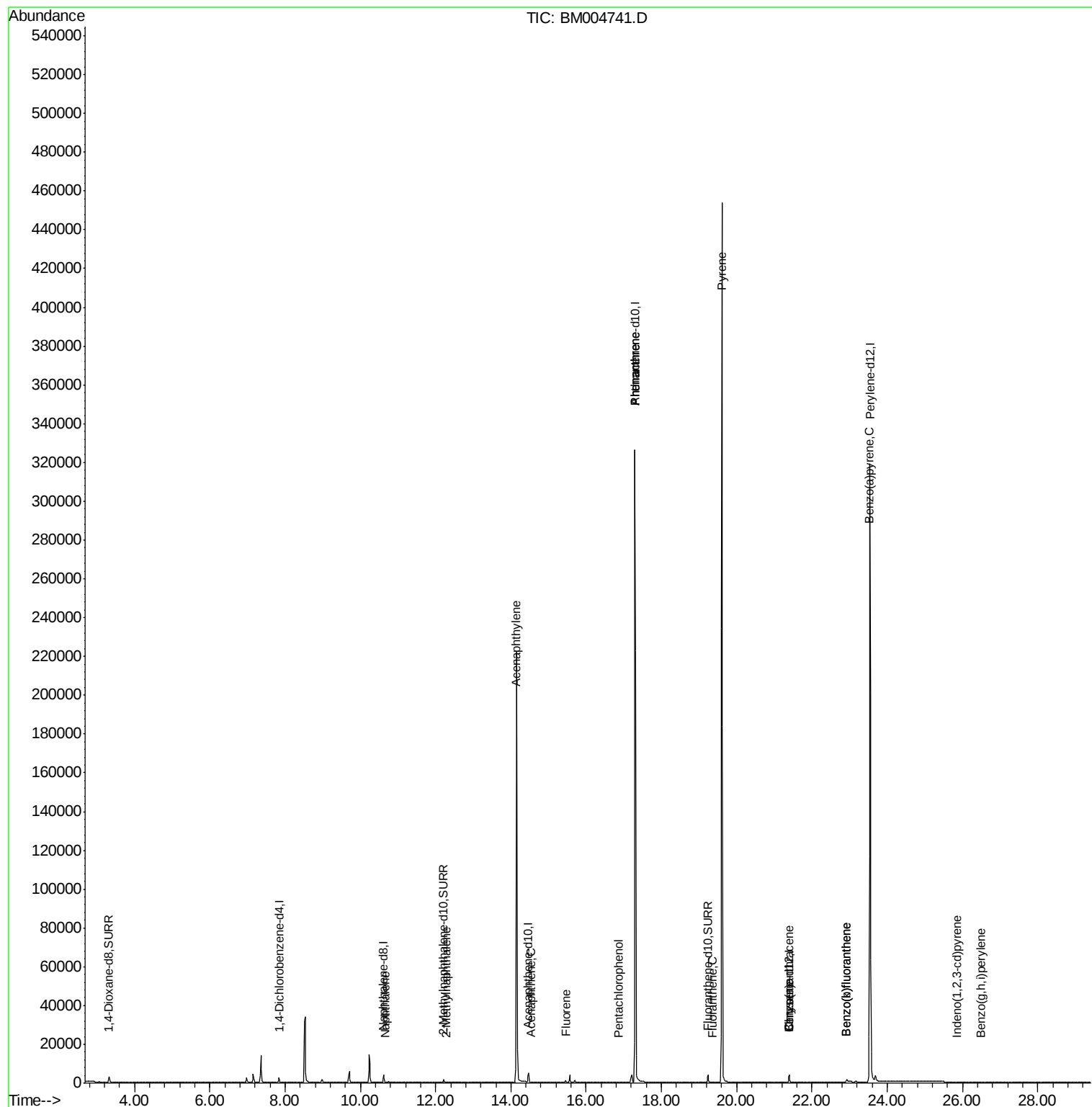
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1369	5.00	ng/ul	0.00
4) Naphthalene-d8	10.62	136	5564	5.00	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2896	5.00	ng/ul	0.00
12) Phenanthrene-d10	17.30	188	475735	5.00	ng/ul	0.09
18) Chrysene-d12	21.40	240	4320	5.00	ng/ul	0.00
22) Perylene-d12	23.55	264	429301	5.00	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.32	96	2092	3.15	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.22	152	2366	0.37	ng/ul	0.00
16) Fluoranthene-d10	19.24	212	4878	0.01	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.67	128	102	0.01	ng/ul#	1
7) 2-Methylnaphthalene	12.29	142	31	0.00	ng/ul#	77
9) Acenaphthylene	14.14	152	38	0.00	ng/ul#	1
10) Acenaphthene	14.52	153	22	0.00	ng/ul#	75
11) Fluorene	15.46	166	850	0.08	ng/ul#	23
13) Pentachlorophenol	16.87	266	27	0.00	ng/ul#	86
14) Phenanthrene	17.30	178	269	0.00	ng/ul#	1
15) Anthracene	17.30	178	280	0.00	ng/ul#	1
17) Fluoranthene	19.35	202	2	0.00	ng/ul#	1
19) Pyrene	19.60	202	840	0.06	ng/ul#	1
20) Benzo(a)anthracene	21.39	228	71	0.01	ng/ul#	1
21) Chrysene	21.39	228	74	0.01	ng/ul#	1
23) Benzo(b)fluoranthene	22.92	252	15	0.00	ng/ul#	1
24) Benzo(k)fluoranthene	22.92	252	15	0.00	ng/ul#	1
25) Benzo(a)pyrene	23.53	252	1721	0.00	ng/ul#	65
26) Indeno(1,2,3-cd)pyrene	25.85	276	3	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	26.48	276	6	0.00	ng/ul#	1

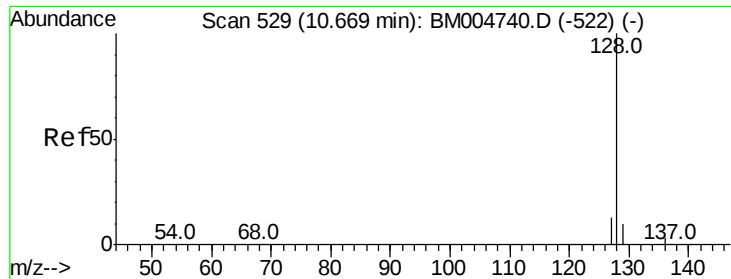
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.01 ng/ul

RT: 10.67 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004741.D

Acq: 23 Mar 2016 00:08

Instrument :

BNA_M

ClientSampleId :

A4T28

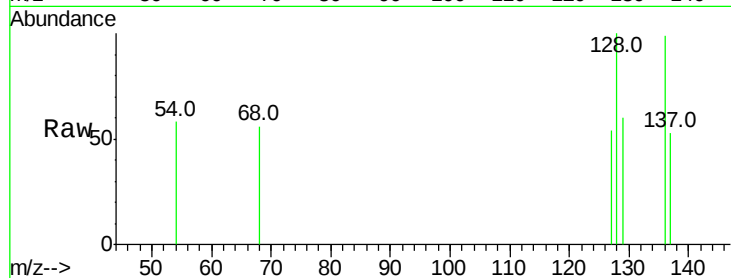
Tot Ion:128 Resp: 102

Ion Ratio Lower Upper

128 100

129 60.4 9.0 13.6#

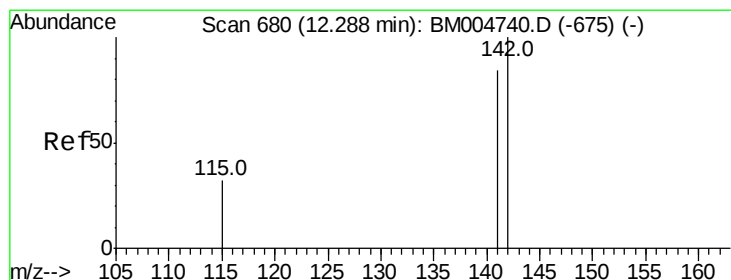
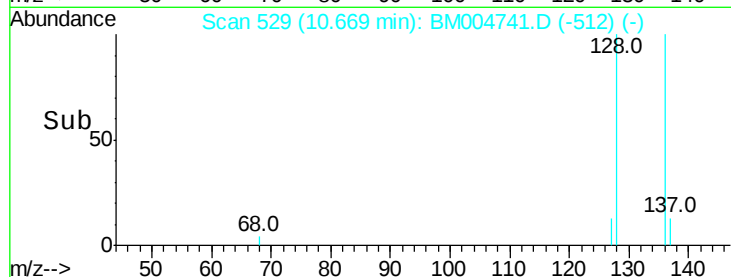
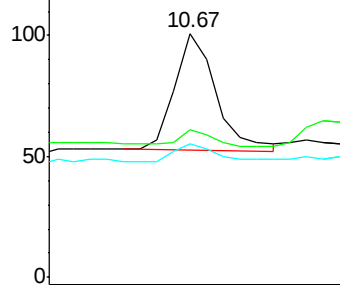
127 54.5 9.6 14.4#



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: 12.29 min Scan# 680

Delta R.T. -0.00 min

Lab File: BM004741.D

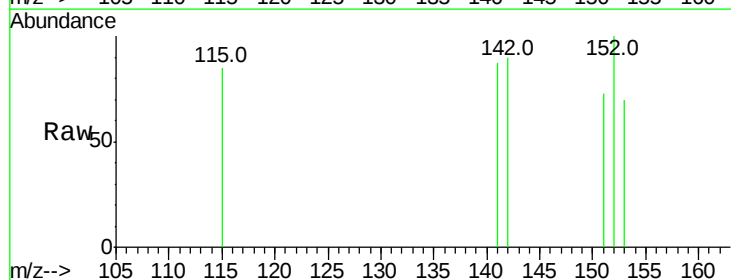
Acq: 23 Mar 2016 00:08

Tgt Ion:142 Resp: 31

Ion Ratio Lower Upper

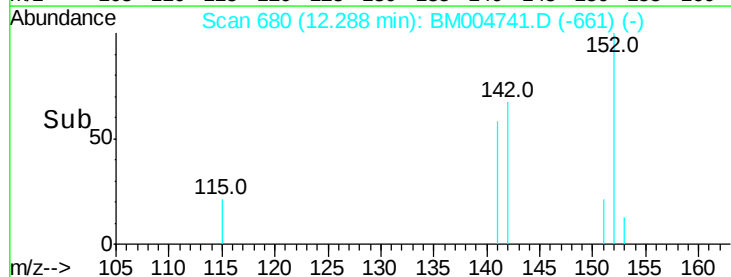
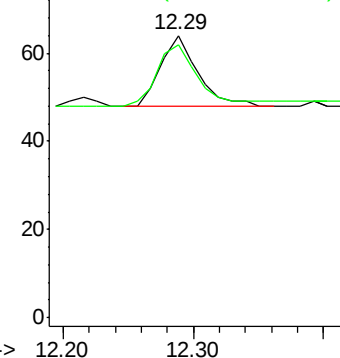
142 100

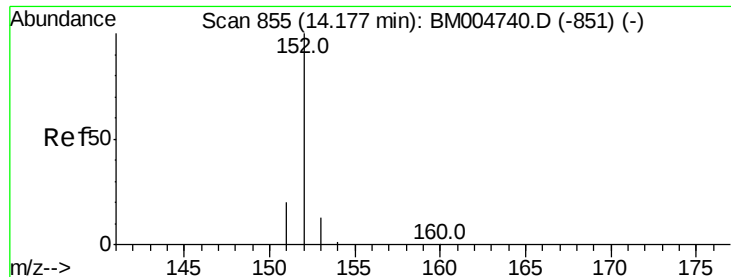
141 109.7 70.3 105.5#



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: BM004741.D

Acq: 23 Mar 2016 00:08

Instrument :

BNA_M

ClientSampleId :

A4T28

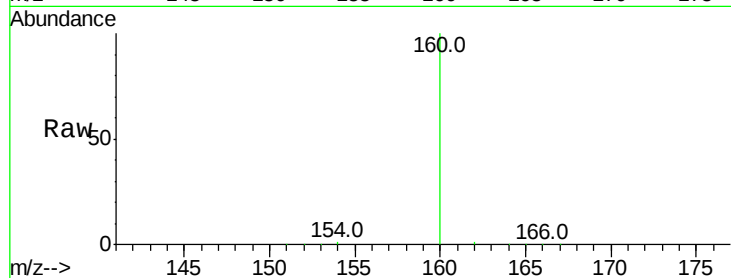
Tot Ion:152 Resp: 38

Ion Ratio Lower Upper

152 100

151 81.0 17.6 26.4#

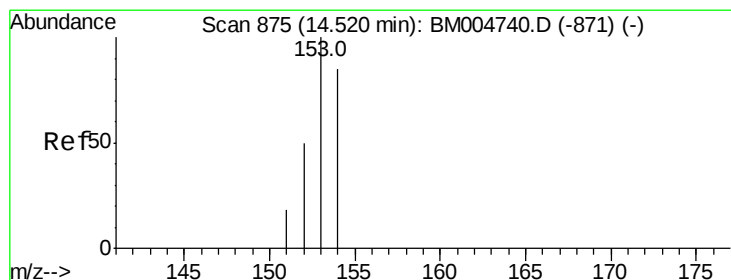
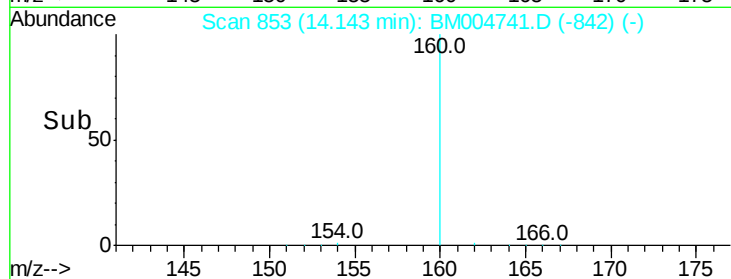
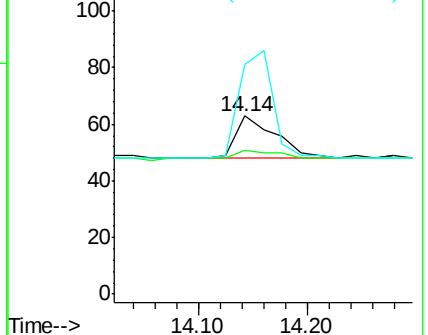
153 128.6 9.7 14.5#



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: 14.52 min Scan# 875

Delta R.T. -0.00 min

Lab File: BM004741.D

Acq: 23 Mar 2016 00:08

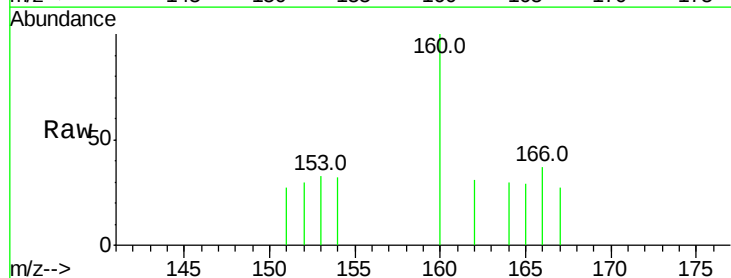
Tgt Ion:153 Resp: 22

Ion Ratio Lower Upper

153 100

152 90.2 33.9 50.9#

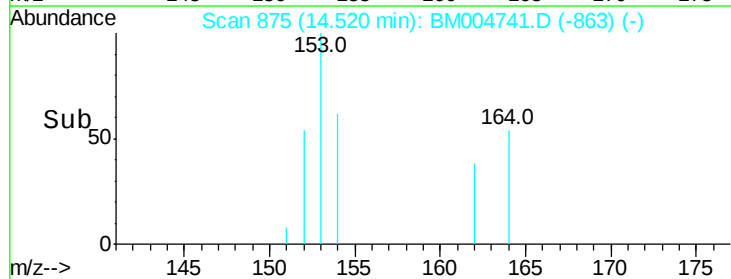
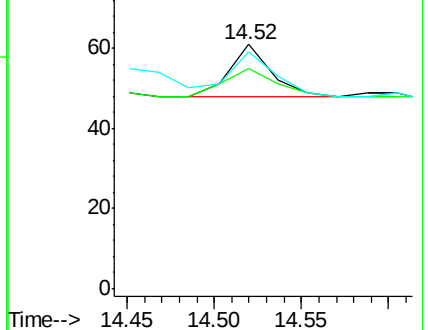
154 96.7 80.6 121.0

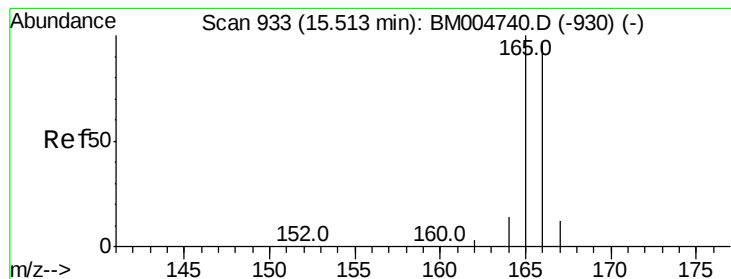


Abundance Ion 153.00 (152.70 to 153.70): E

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: BM004741.D

Acq: 23 Mar 2016 00:08

Instrument :

BNA_M

ClientSampleId :

A4T28

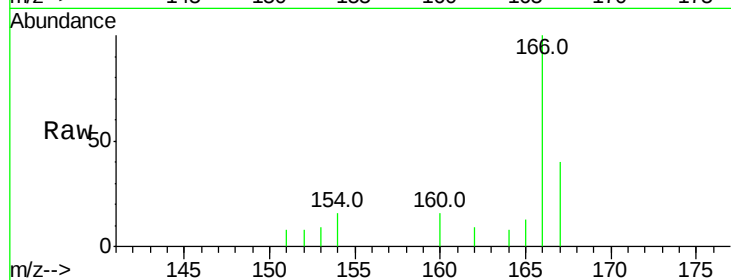
Tot Ion:166 Resp: 850

Ion Ratio Lower Upper

166 100

165 12.6 69.6 104.4#

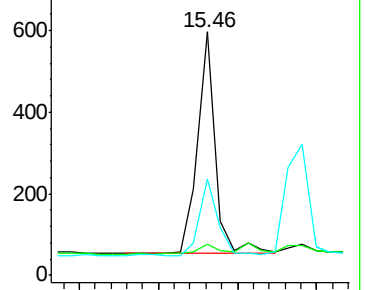
167 39.7 11.9 17.9#



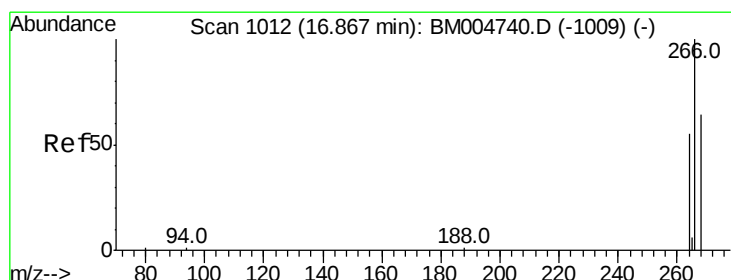
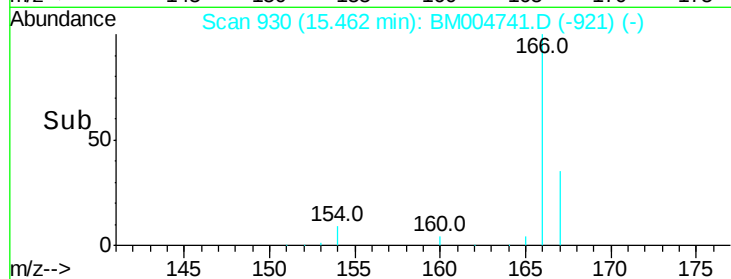
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#13

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.87 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BM004741.D

Acq: 23 Mar 2016 00:08

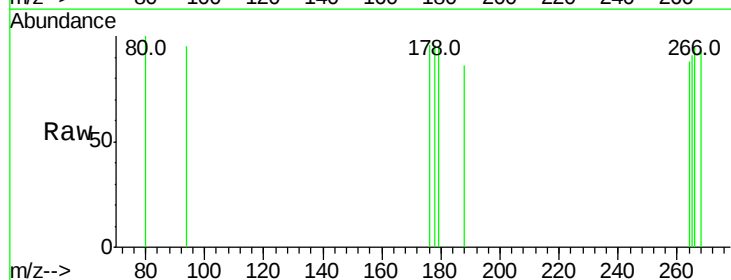
Tgt Ion:266 Resp: 27

Ion Ratio Lower Upper

266 100

264 55.6 51.8 77.8

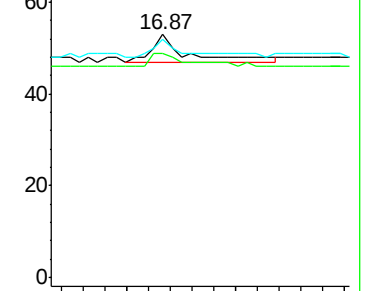
268 70.4 46.8 70.2#



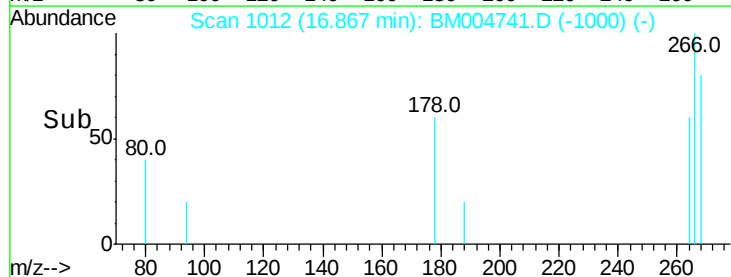
Abundance Ion 266.00 (265.70 to 266.70): E

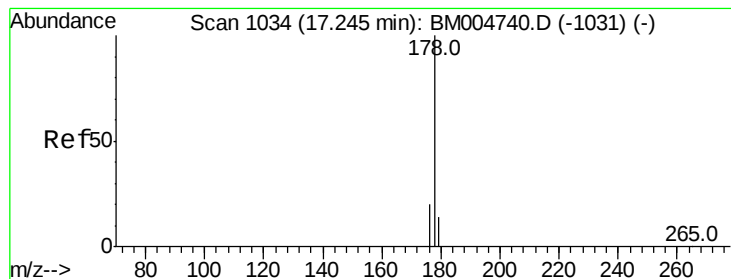
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#14

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.30 min Scan# 1037

Delta R.T. 0.05 min

Lab File: BM004741.D

Acq: 23 Mar 2016 00:08

Instrument :

BNA_M

ClientSampleId :

A4T28

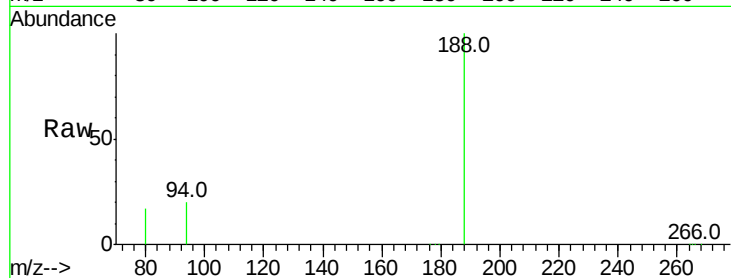
Tot Ion:178 Resp: 269

Ion Ratio Lower Upper

178 100

176 33.9 13.0 19.4#

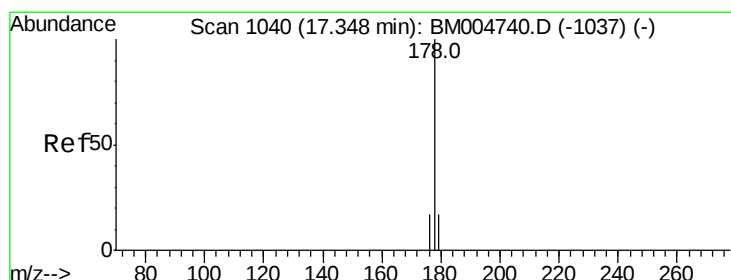
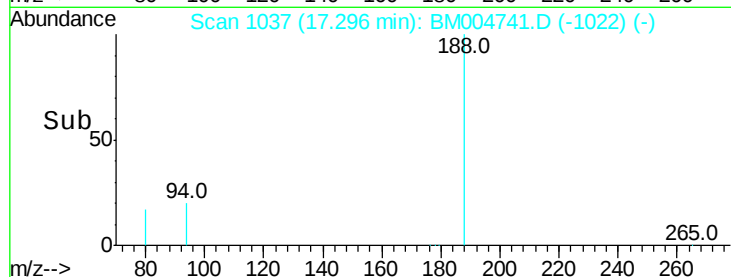
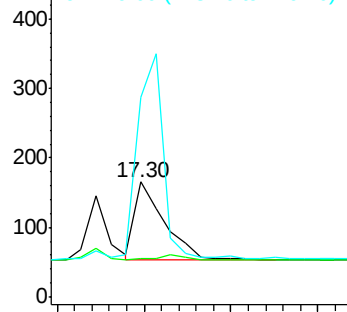
179 174.5 14.2 21.2#



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. -0.05 min

Lab File: BM004741.D

Acq: 23 Mar 2016 00:08

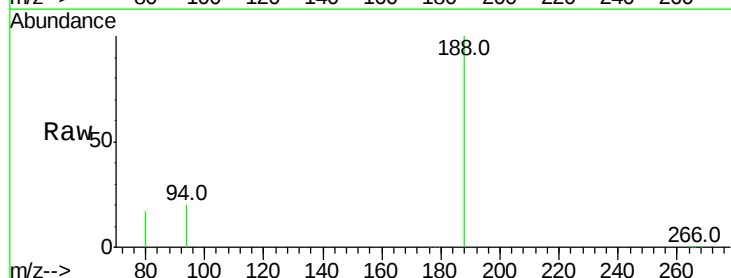
Tgt Ion:178 Resp: 280

Ion Ratio Lower Upper

178 100

176 33.9 14.0 21.0#

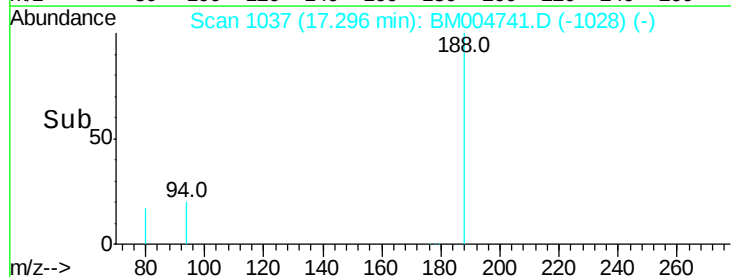
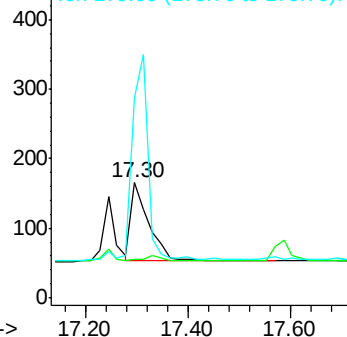
179 174.5 12.9 19.3#

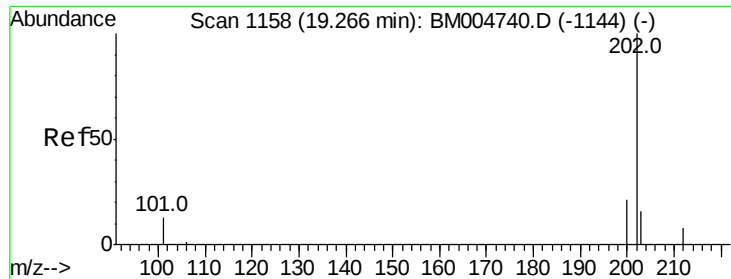


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

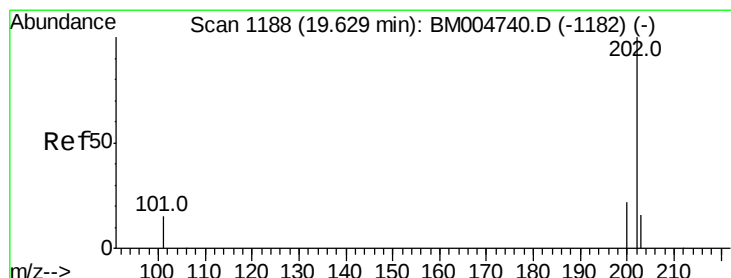
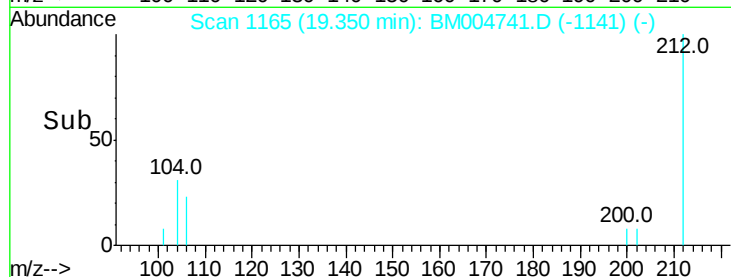
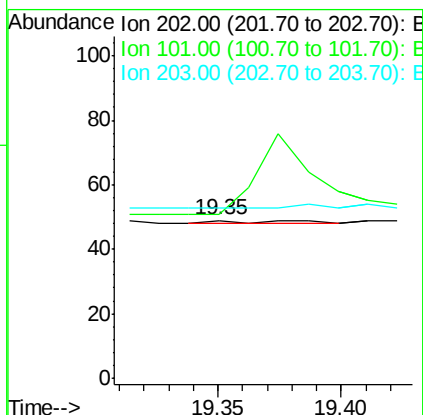
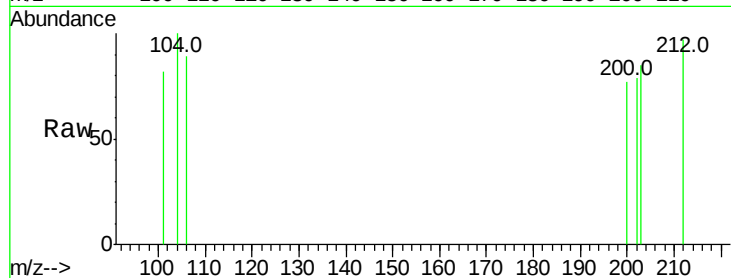




#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.35 min Scan# 1165
Delta R.T. 0.08 min
Lab File: BM004741.D
Acq: 23 Mar 2016 00:08

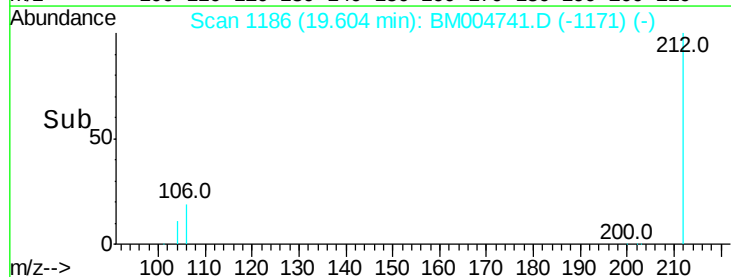
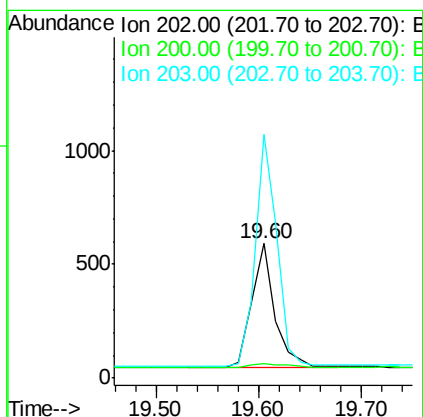
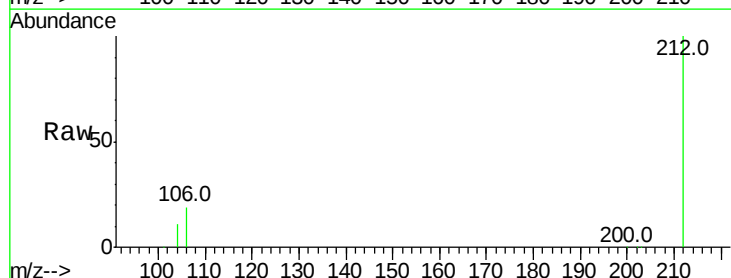
Instrument :
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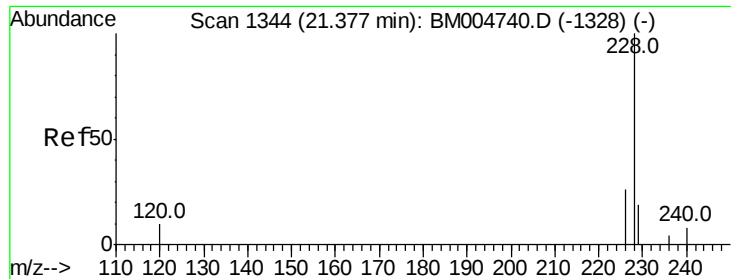
Tot Ion:202 Resp: 2
Ion Ratio Lower Upper
202 100
101 104.1 0.0 29.6#
203 108.2 0.0 36.3#



#19
Pyrene
Concen: 0.06 ng/ul
RT: 19.60 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BM004741.D
Acq: 23 Mar 2016 00:08

Tgt Ion:202 Resp: 840
Ion Ratio Lower Upper
202 100
200 10.5 17.8 26.8#
203 180.7 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: BM004741.D

Acq: 23 Mar 2016 00:08

Instrument :

BNA_M

ClientSampleId :

A4T28

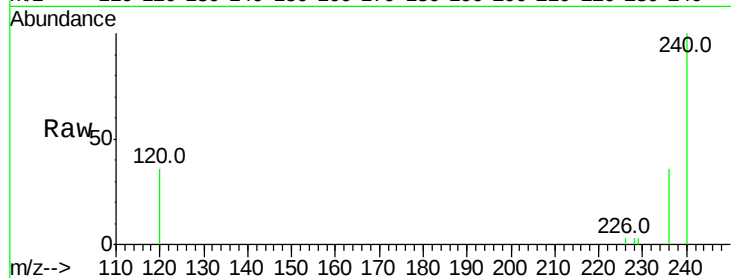
Tot Ion:228 Resp: 71

Ion Ratio Lower Upper

228 100

226 79.7 18.8 28.2#

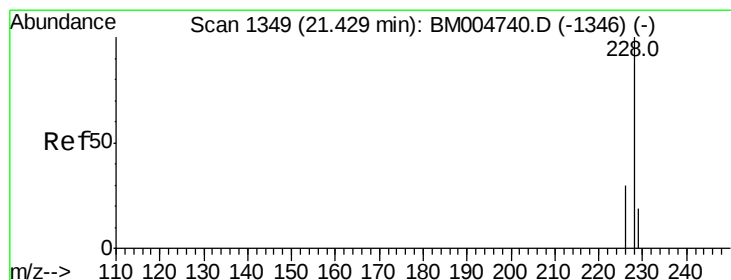
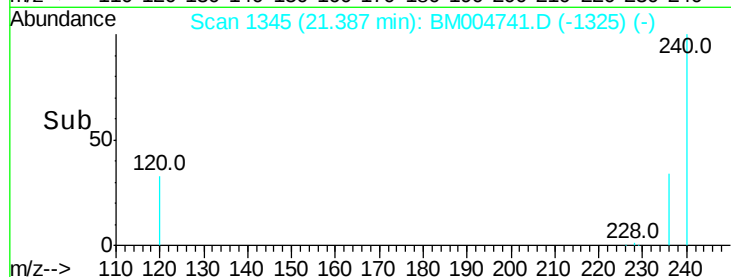
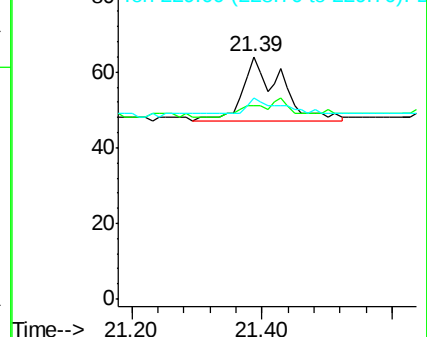
229 82.8 17.1 25.7#



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: 21.39 min Scan# 1345

Delta R.T. -0.04 min

Lab File: BM004741.D

Acq: 23 Mar 2016 00:08

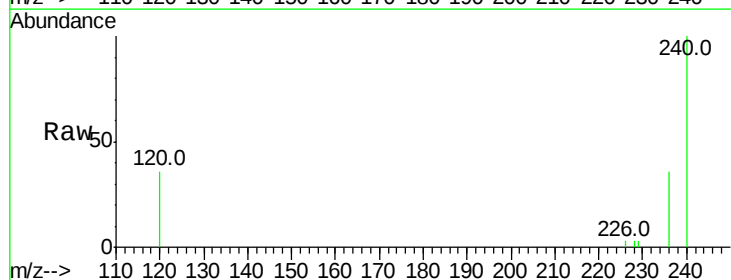
Tgt Ion:228 Resp: 74

Ion Ratio Lower Upper

228 100

226 79.7 21.2 31.8#

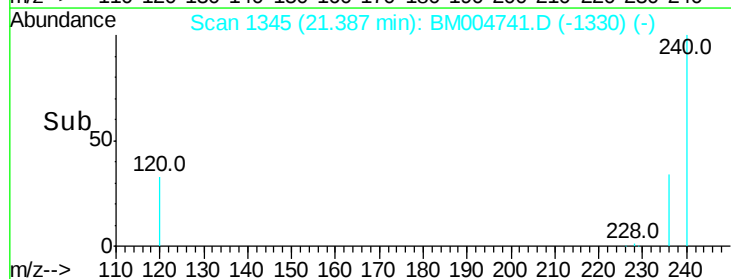
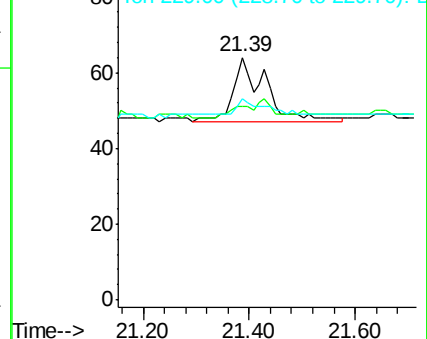
229 82.8 17.0 25.6#

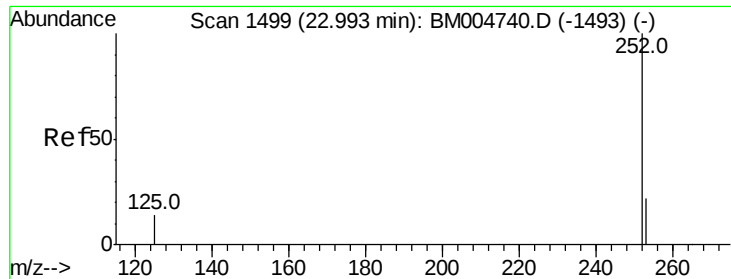


Abundance Ion 228.00 (227.70 to 228.70): E

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: 22.92 min Scan# 1492

Delta R.T. -0.07 min

Lab File: BM004741.D

Acq: 23 Mar 2016 00:08

Instrument :

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A4T28

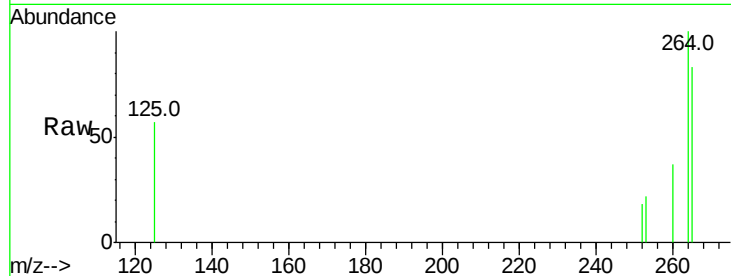
Tot Ion:252 Resp: 15

Ion Ratio Lower Upper

252 100

253 125.9 0.0 45.4#

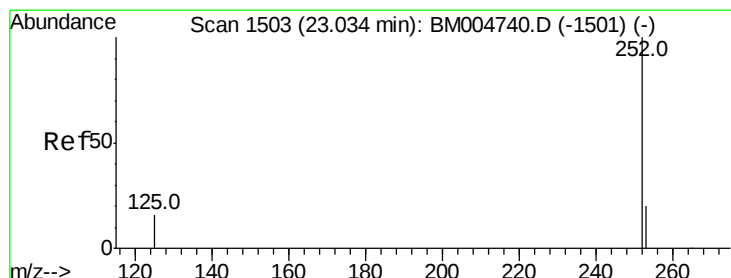
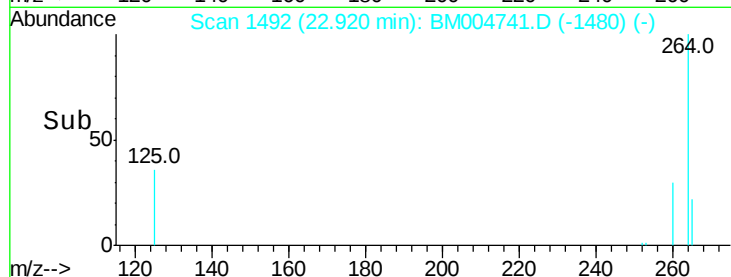
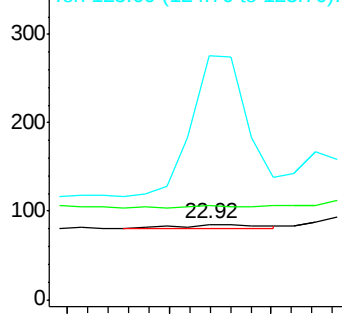
125 324.7 0.0 28.8#



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/u1

RT: 22.92 min Scan# 1492

Delta R.T. -0.11 min

Lab File: BM004741.D

Acq: 23 Mar 2016 00:08

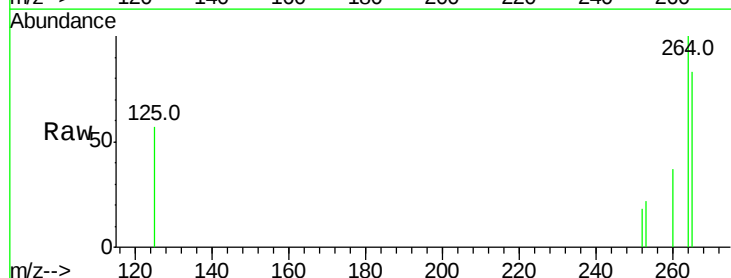
Tgt Ion:252 Resp: 15

Ion Ratio Lower Upper

252 100

253 125.9 19.8 29.8#

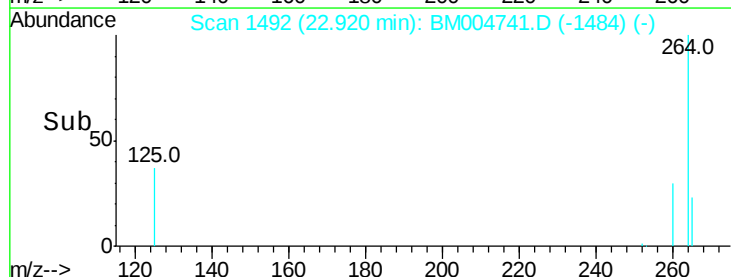
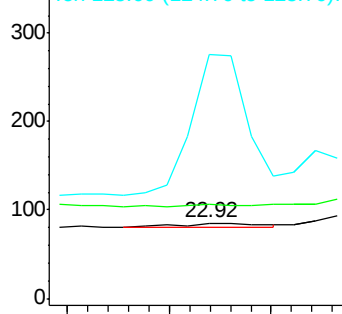
125 324.7 10.4 15.6#

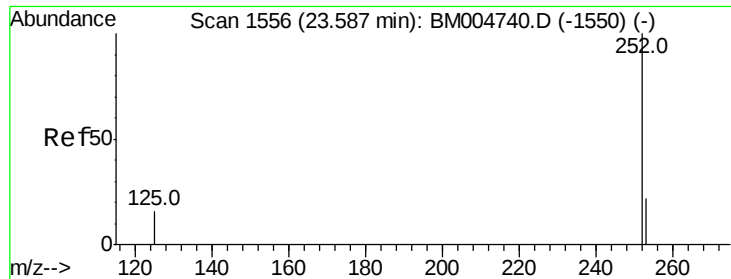


Abundance Ion 252.00 (251.70 to 252.70): E

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: BM004741.D

Acq: 23 Mar 2016 00:08

Instrument :

BNA_M

ClientSampleId :

A4T28

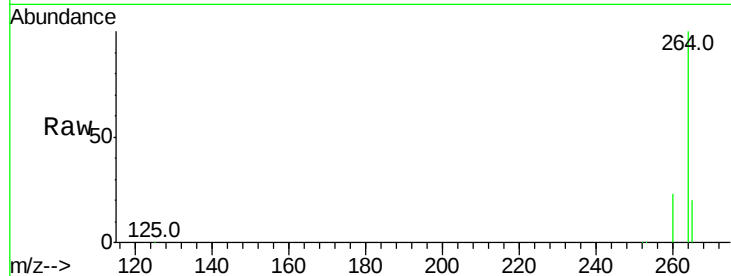
Tot Ion:252 Resp: 1721

Ion Ratio Lower Upper

252 100

253 35.5 19.4 29.2#

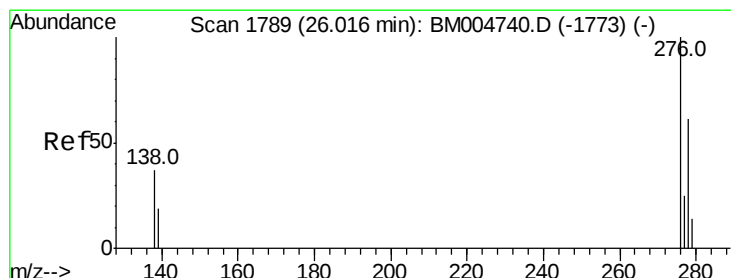
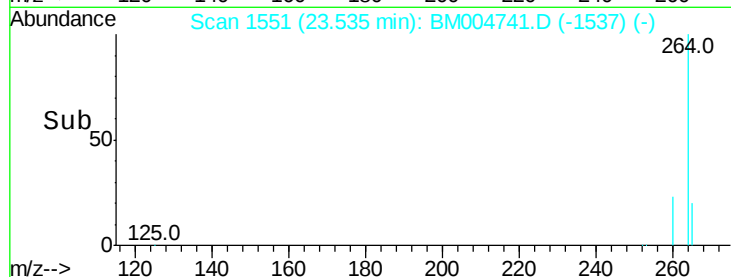
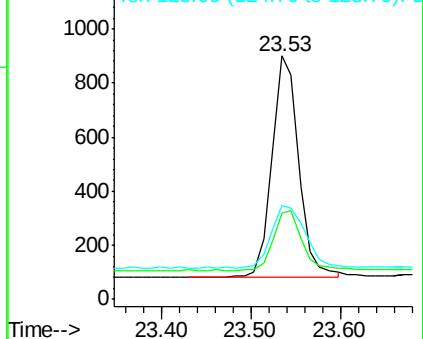
125 38.4 12.7 19.1#



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: 25.85 min Scan# 1773

Delta R.T. -0.17 min

Lab File: BM004741.D

Acq: 23 Mar 2016 00:08

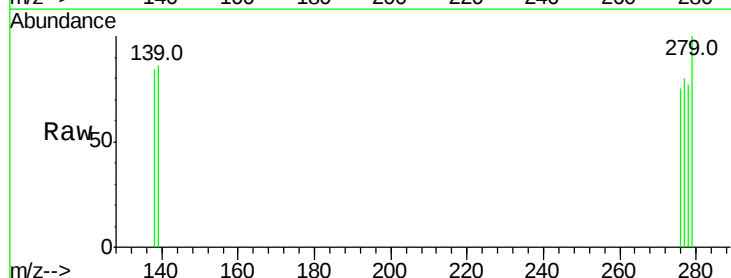
Tgt Ion:276 Resp: 3

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

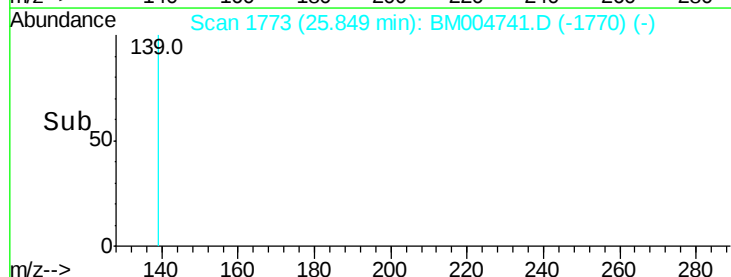
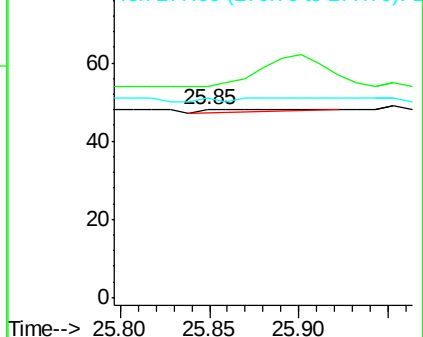
277 100.0 19.8 29.8#

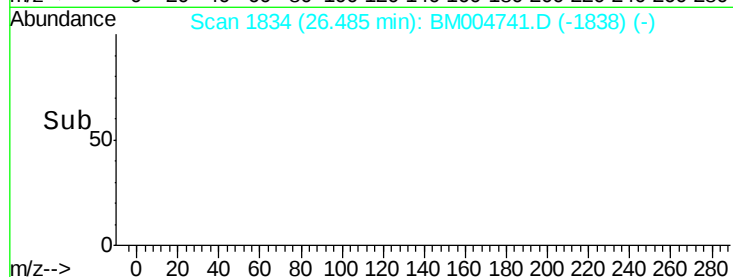
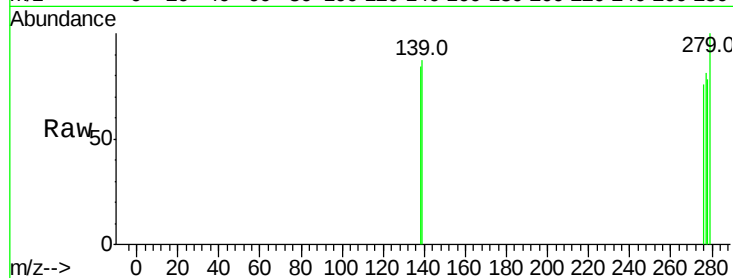
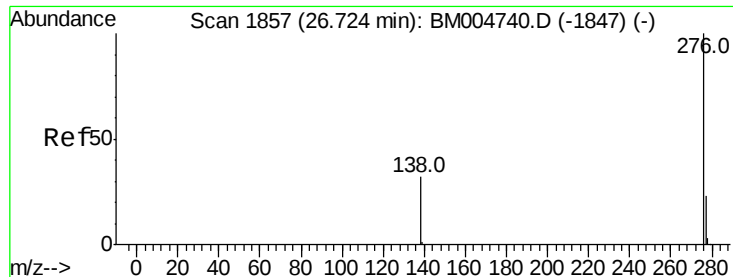


Abundance Ion 276.00 (275.70 to 276.70): E

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: 26.48 min Scan# 1834

Delta R.T. -0.24 min

Lab File: BM004741.D

Acq: 23 Mar 2016 00:08

Instrument :

BNA_M

ClientSampleId :

A4T28

Tot Ion: 276 Resp: 6

Ion Ratio Lower Upper

276 100

277 106.3 18.9 28.3#

138 110.4 22.5 33.7#

